

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015606.D
 Acq On : 19 Jun 2023 16:38
 Operator : MA/JU
 Sample : 03080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH1

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP015606.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.245	681	690	702	rBV	269920	511908	4.99%	0.343%
2	7.404	712	717	730	rVB	222288	374541	3.65%	0.251%
3	7.610	745	752	762	rBV	310480	511272	4.99%	0.342%
4	8.087	826	833	846	rVB	513685	867808	8.46%	0.581%
5	8.804	947	955	970	rBV	325422	612676	5.97%	0.410%
6	9.263	1026	1033	1046	rBV	305559	556960	5.43%	0.373%
7	9.992	1145	1157	1166	rBV	259502	474839	4.63%	0.318%
8	10.534	1242	1249	1261	rBV	337201	678756	6.62%	0.454%
9	10.910	1307	1313	1319	rVV	804743	1352087	13.18%	0.905%
10	11.063	1332	1339	1353	rVV	115274	283104	2.76%	0.189%
11	14.045	1840	1846	1852	rBV2	144382	252508	2.46%	0.169%
12	14.133	1852	1861	1866	rVV	813552	1204992	11.75%	0.806%
13	14.422	1904	1910	1914	rBV	896283	1484019	14.47%	0.993%
14	14.727	1949	1962	1968	rBV	1318311	2021409	19.71%	1.353%
15	14.792	1968	1973	1980	rVB2	125815	213260	2.08%	0.143%
16	14.957	1990	2001	2007	rBV4	109362	330646	3.22%	0.221%
17	15.122	2023	2029	2037	rVB2	121218	208896	2.04%	0.140%
18	15.721	2121	2131	2136	rBV	1141775	1693319	16.51%	1.133%
19	15.774	2136	2140	2148	rVB	198581	310636	3.03%	0.208%
20	15.851	2148	2153	2159	rBV	304489	454875	4.44%	0.304%
21	16.080	2185	2192	2203	rVB2	210454	417869	4.07%	0.280%
22	16.427	2245	2251	2252	rBV2	127174	223041	2.17%	0.149%
23	16.780	2302	2311	2316	rBV3	102443	240445	2.34%	0.161%
24	17.139	2367	2372	2378	rVB	241100	358889	3.50%	0.240%
25	17.210	2379	2384	2390	rVV3	130124	216059	2.11%	0.145%
26	17.298	2395	2399	2406	rVB	302646	445405	4.34%	0.298%
27	17.486	2425	2431	2434	rBV	1674784	2518452	24.56%	1.686%
28	17.527	2434	2438	2443	rVV	3772223	5142809	50.15%	3.442%
29	17.580	2443	2447	2451	rVV	1224518	1771322	17.27%	1.186%
30	17.616	2451	2453	2458	rVB	583835	673649	6.57%	0.451%
31	17.886	2492	2499	2506	rBV	307513	590912	5.76%	0.395%
32	17.992	2514	2517	2524	rVV	196642	250633	2.44%	0.168%
33	18.057	2524	2528	2536	rVB2	362923	555772	5.42%	0.372%
34	18.198	2547	2552	2560	rVB	171761	369022	3.60%	0.247%
35	18.286	2560	2567	2571	rBV3	265454	486792	4.75%	0.326%
36	18.345	2571	2577	2581	rVV	2344926	3171369	30.92%	2.123%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
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37	18.386	2581	2584	2591	rVV	1025879	1424320	13.89%	0.953%
38	18.468	2594	2598	2602	rVB	198754	264193	2.58%	0.177%
39	18.527	2602	2608	2612	rBV2	981455	1821856	17.76%	1.219%
40	18.563	2612	2614	2619	rVB	652034	736766	7.18%	0.493%
41	18.633	2620	2626	2630	rBV4	127849	282240	2.75%	0.189%
42	18.821	2653	2658	2662	rBV	679739	949680	9.26%	0.636%
43	18.868	2662	2666	2675	rVB	750157	1031855	10.06%	0.691%
44	19.057	2695	2698	2702	rVV2	226956	332461	3.24%	0.223%
45	19.104	2702	2706	2709	rVV	278002	355851	3.47%	0.238%
46	19.145	2709	2713	2717	rVB3	191941	254511	2.48%	0.170%
47	19.221	2721	2726	2730	rBV	720365	1055317	10.29%	0.706%
48	19.280	2730	2736	2739	rVV3	278074	698252	6.81%	0.467%
49	19.315	2739	2742	2746	rVV2	268794	466716	4.55%	0.312%
50	19.368	2746	2751	2758	rVV2	602778	1160896	11.32%	0.777%
51	19.427	2758	2761	2763	rVV2	191946	256807	2.50%	0.172%
52	19.486	2763	2771	2776	rVV	7362113	10255735	100.00%	6.864%
53	19.539	2776	2780	2782	rVV	264922	382079	3.73%	0.256%
54	19.568	2782	2785	2790	rVV3	813560	1174140	11.45%	0.786%
55	19.621	2790	2794	2799	rVV	325185	570723	5.56%	0.382%
56	19.674	2799	2803	2806	rVV3	243275	397261	3.87%	0.266%
57	19.715	2806	2810	2817	rVV	479258	923602	9.01%	0.618%
58	19.804	2817	2825	2827	rVV2	2377053	3724988	36.32%	2.493%
59	19.839	2827	2831	2837	rVV	7089264	9294864	90.63%	6.221%
60	19.898	2837	2841	2847	rVB	410825	574814	5.60%	0.385%
61	20.004	2856	2859	2864	rVB	269561	370726	3.61%	0.248%
62	20.062	2865	2869	2875	rBV2	189204	359807	3.51%	0.241%
63	20.145	2876	2883	2890	rBV4	607881	1599022	15.59%	1.070%
64	20.309	2901	2911	2917	rVB	961538	2426576	23.66%	1.624%
65	20.409	2924	2928	2931	rBV2	387795	440607	4.30%	0.295%
66	20.468	2931	2938	2941	rVV2	876428	1260950	12.30%	0.844%
67	20.604	2957	2961	2965	rBV2	796058	1072718	10.46%	0.718%
68	20.651	2965	2969	2973	rVB	579186	744144	7.26%	0.498%
69	20.851	2999	3003	3005	rBV3	158811	246195	2.40%	0.165%
70	21.045	3032	3036	3041	rBV	1117831	1354591	13.21%	0.907%
71	21.204	3056	3063	3066	rBV2	1353937	2238256	21.82%	1.498%
72	21.245	3066	3070	3074	rVV2	1450153	2209289	21.54%	1.479%
73	21.286	3074	3077	3081	rVV2	775567	1113756	10.86%	0.745%
74	21.339	3081	3086	3096	rVB2	1024683	1670817	16.29%	1.118%
75	21.445	3100	3104	3110	rVB	829612	1051828	10.26%	0.704%
76	21.556	3114	3123	3128	rBV3	4331633	9510235	92.73%	6.365%

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77	21.604	3128	3131	3141	rVB	3493649	5236674	51.06%	3.505%
78	21.686	3142	3145	3149	rVB2	339624	423333	4.13%	0.283%
79	21.733	3150	3153	3159	rBV2	295732	428482	4.18%	0.287%
80	21.792	3160	3163	3171	rBV5	408709	822081	8.02%	0.550%
81	21.909	3179	3183	3188	rVV2	475991	749721	7.31%	0.502%
82	21.956	3188	3191	3200	rVB3	364082	709318	6.92%	0.475%
83	22.104	3212	3216	3219	rBV2	261626	374386	3.65%	0.251%
84	22.162	3220	3226	3230	rVV	1046616	1692936	16.51%	1.133%
85	22.392	3260	3265	3274	rBV5	427646	1059667	10.33%	0.709%
86	22.962	3358	3362	3367	rVB3	417550	602535	5.88%	0.403%
87	23.280	3411	3416	3419	rBV	736806	1163447	11.34%	0.779%
88	23.339	3419	3426	3439	rVB	2917862	10020134	97.70%	6.706%
89	23.527	3454	3458	3464	rVB	474015	818548	7.98%	0.548%
90	23.886	3513	3519	3525	rBV	1539239	3184549	31.05%	2.131%
91	23.945	3525	3529	3533	rVV2	1044598	2000493	19.51%	1.339%
92	24.003	3533	3539	3546	rVB	2127649	4132942	40.30%	2.766%
93	24.115	3552	3558	3563	rBV	1022733	2090236	20.38%	1.399%
94	24.168	3563	3567	3577	rVB2	643925	1430306	13.95%	0.957%
95	24.327	3589	3594	3601	rVB3	778649	1485848	14.49%	0.994%
96	24.727	3656	3662	3674	rVB	1473322	3564095	34.75%	2.385%
97	24.856	3677	3684	3698	rVV2	1043137	3483913	33.97%	2.332%
98	26.186	3904	3910	3920	rVB3	947808	2427837	23.67%	1.625%
99	26.709	3994	3999	4006	rBV2	386169	924949	9.02%	0.619%
100	27.791	4175	4183	4200	rVB4	685814	2696759	26.30%	1.805%

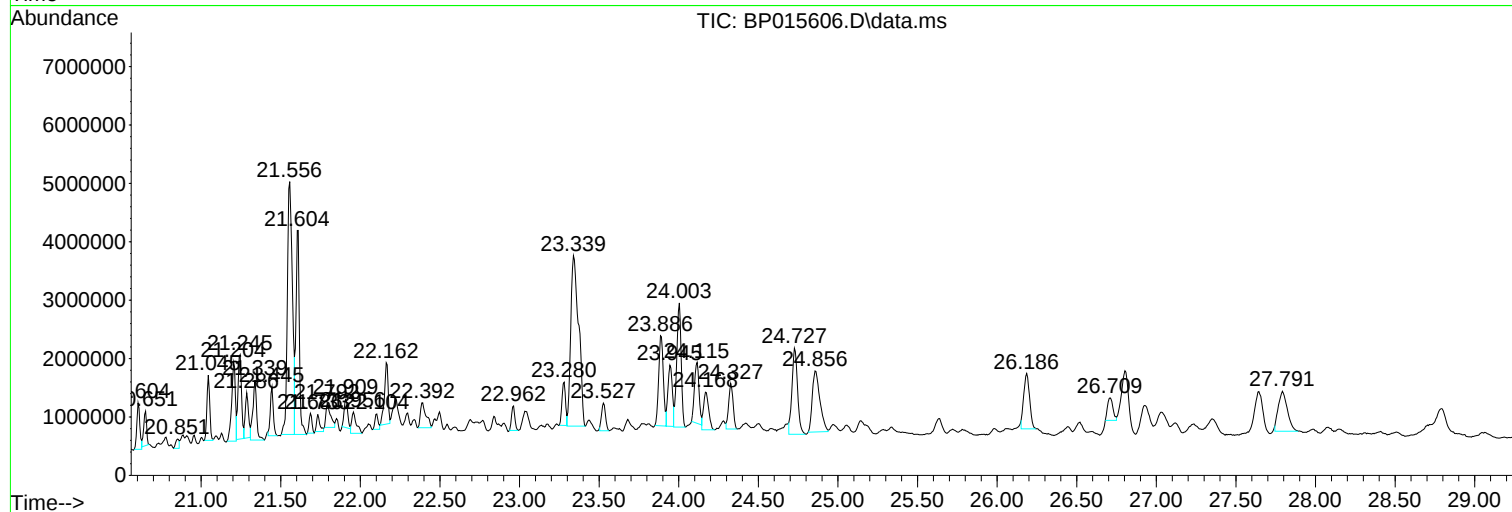
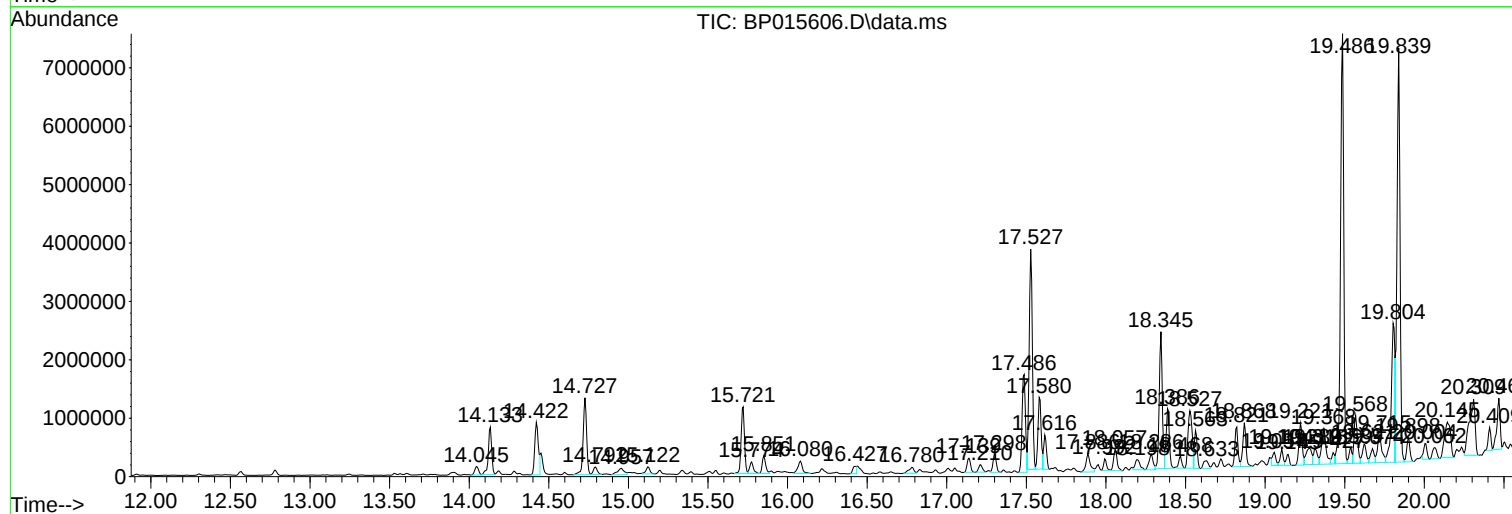
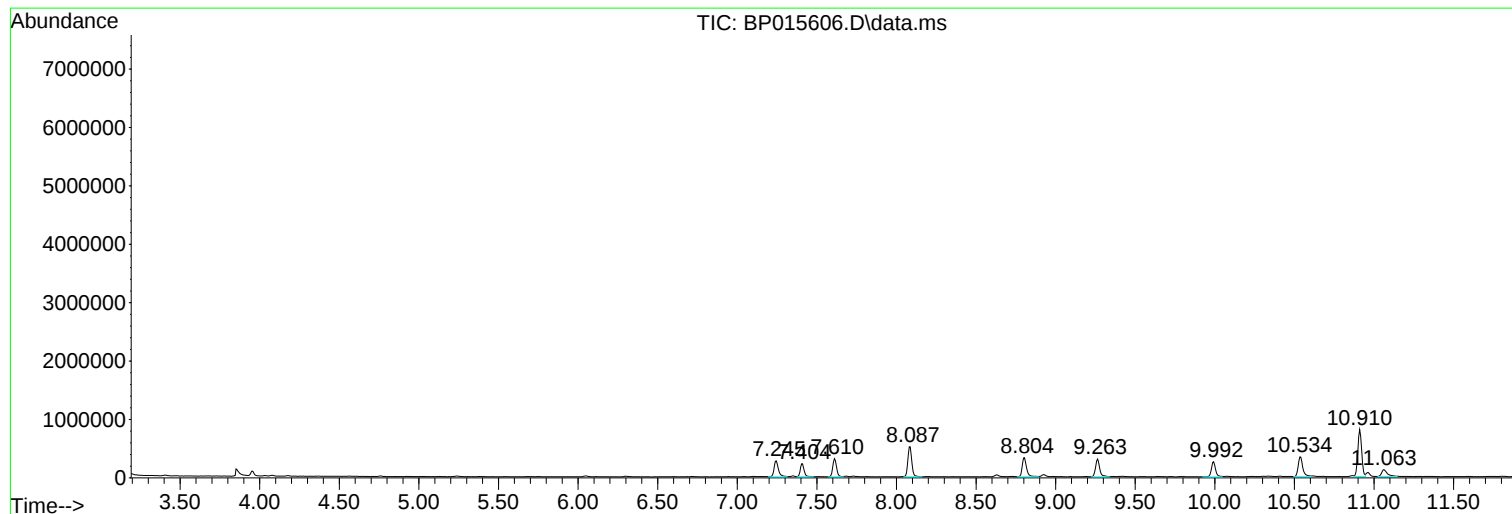
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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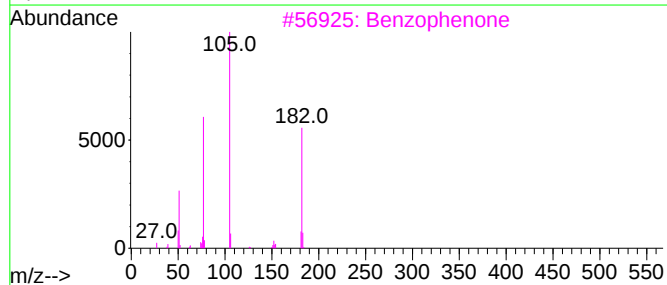
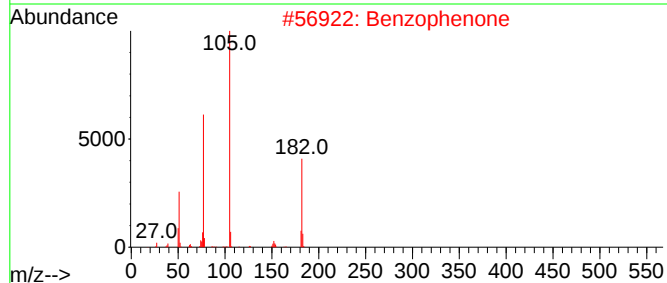
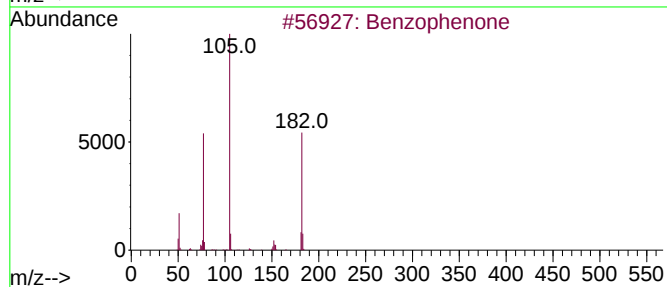
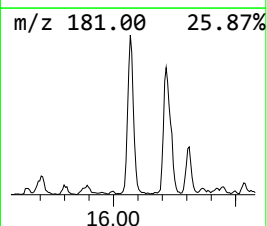
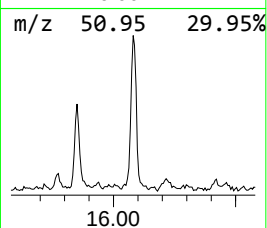
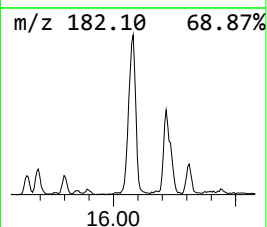
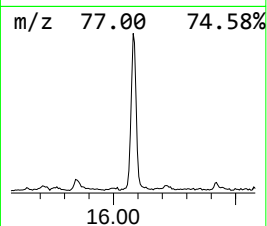
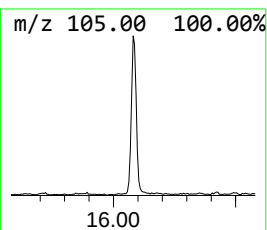
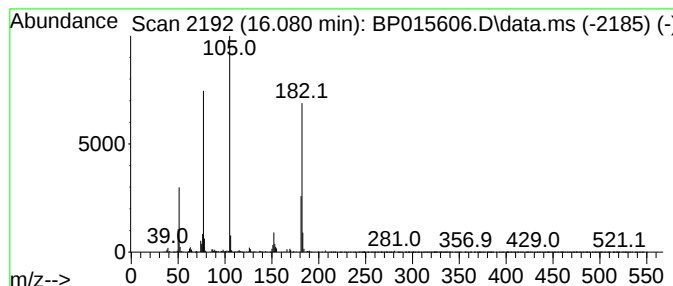
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzophenone Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.080	4.13 ng/ul	417869	Acenaphthene-d10	14.727

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	93
2			Benzophenone	182	C13H10O	000119-61-9	93
3			Benzophenone	182	C13H10O	000119-61-9	87
4			Benzophenone	182	C13H10O	000119-61-9	80
5			Benzophenone	182	C13H10O	000119-61-9	70



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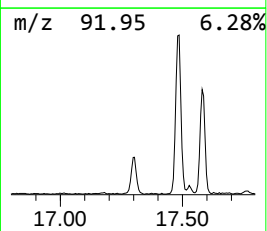
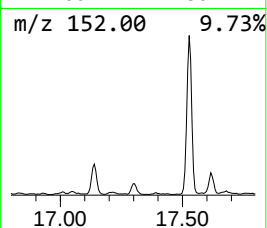
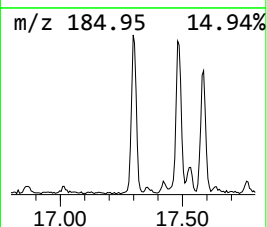
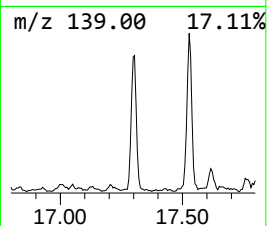
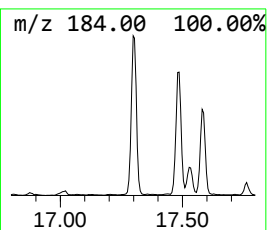
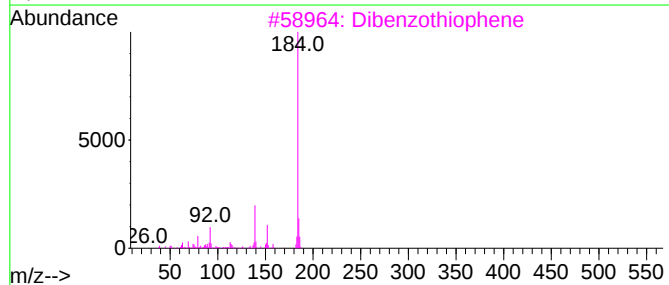
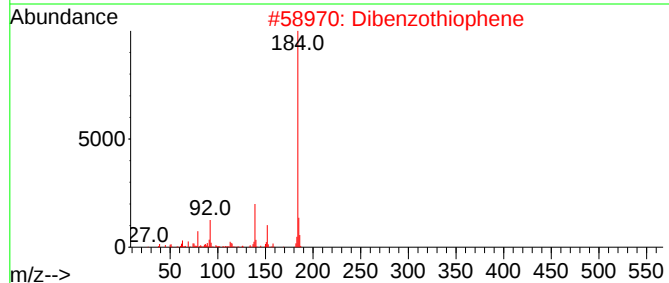
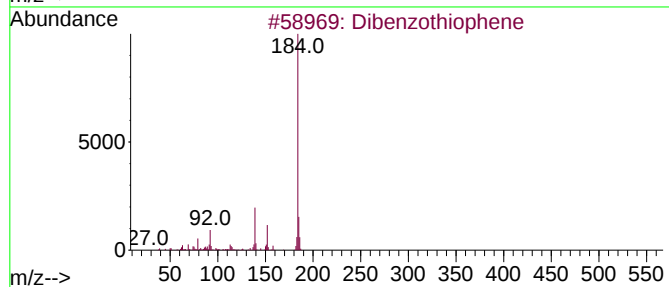
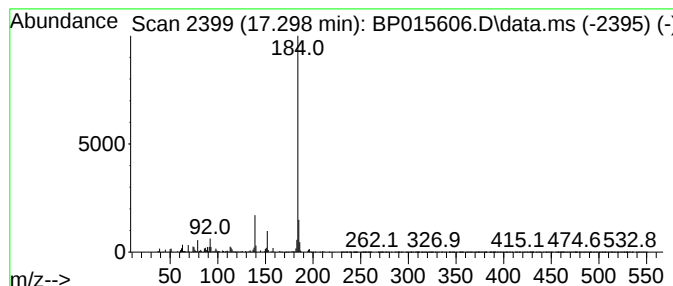
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Dibenzothiophene Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.298	3.54 ng/ul	445405	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	95
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95



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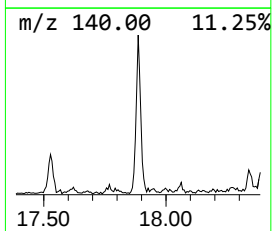
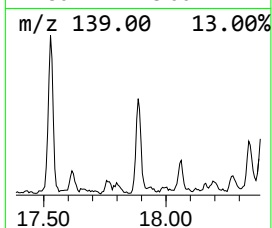
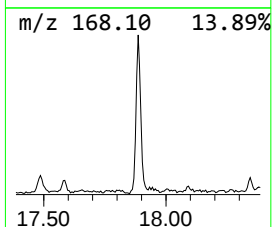
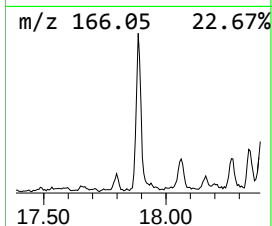
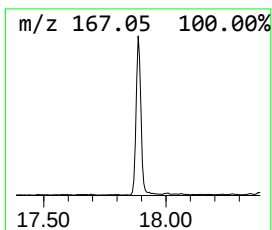
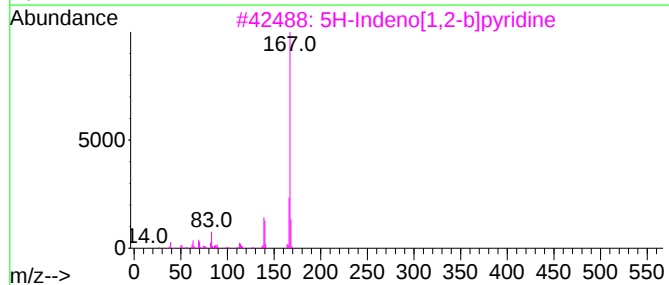
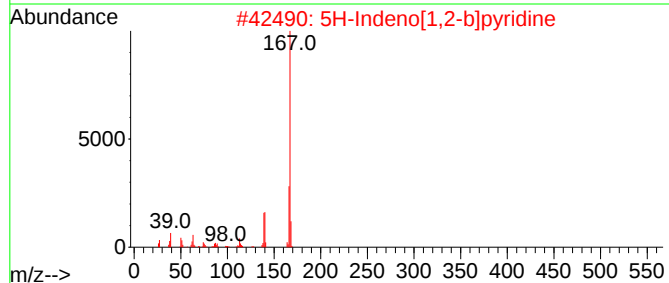
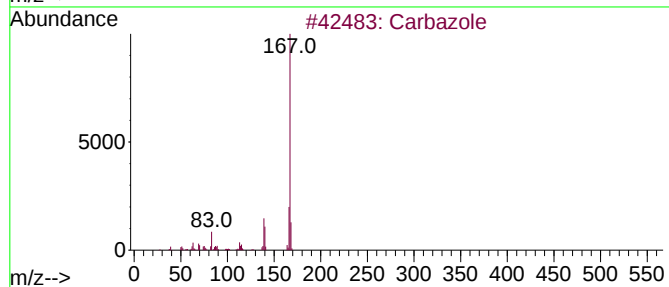
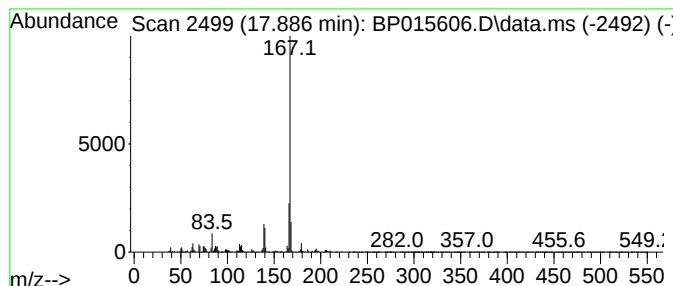
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Carba zole Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.886	4.69 ng/ul	590912	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Carbazole	167	C12H9N	000086-74-8	95
2			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
3			5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	93
4			ethanone, 1-(9H-carbazol-9-yl)-	209	C14H11NO	1000400-59-5	87
5			Carbazole	167	C12H9N	000086-74-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

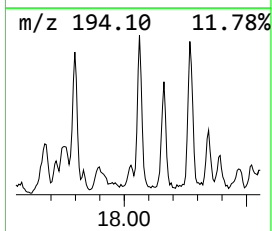
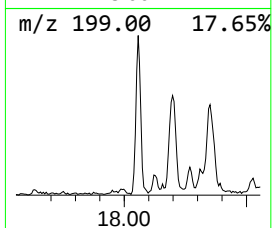
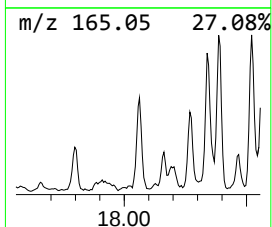
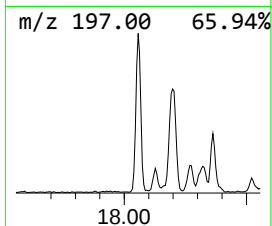
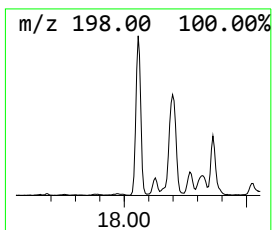
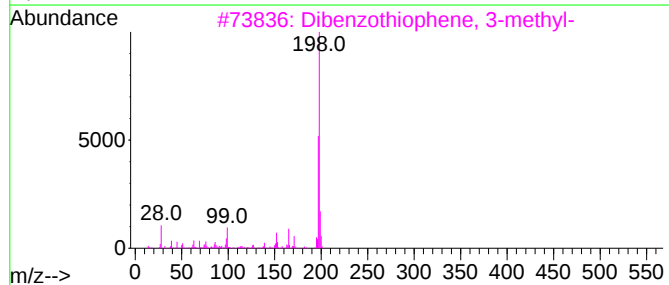
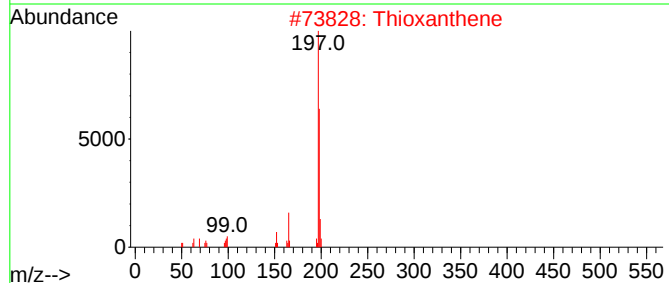
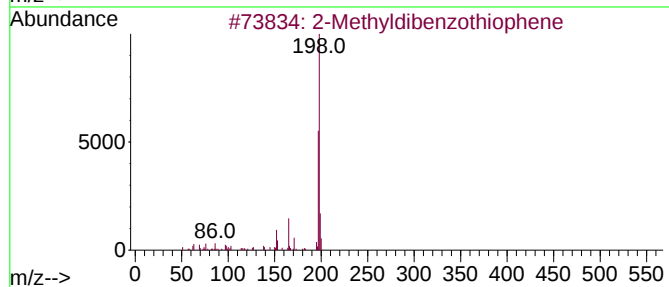
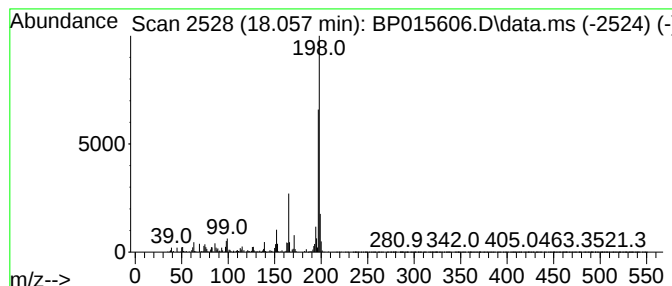
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 2-Methyldibenzothiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.057	4.41 ng/ul	555772	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
2			Thioxanthene	198	C13H10S	000261-31-4	86
3			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
4			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
5			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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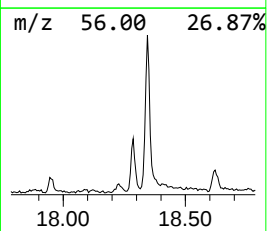
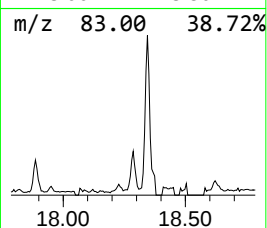
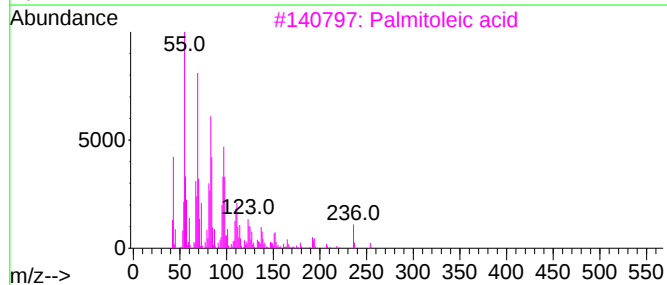
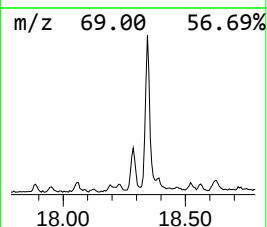
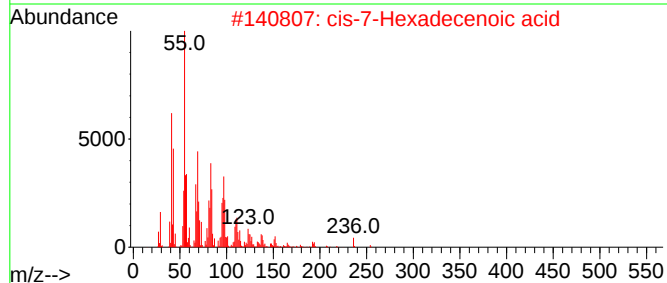
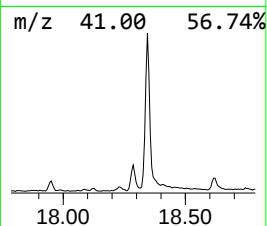
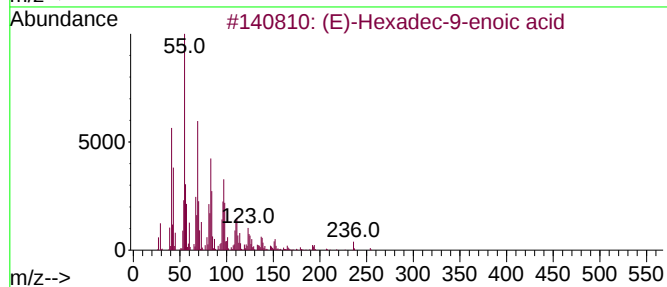
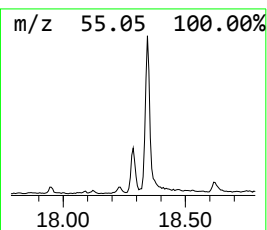
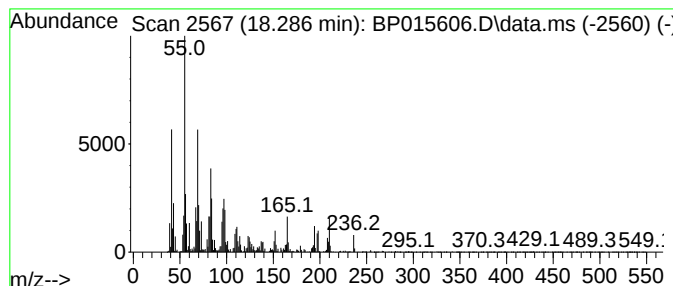
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 (E)-Hexadec-9-enoic acid Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.87 ng/ul	486792	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	99
2			cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97
3			Palmitoleic acid	254	C16H30O2	000373-49-9	83
4			Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	81
5			13-Borabicyclo[7.3.0]tridecane, ...	236	C15H29BO	1000156-41-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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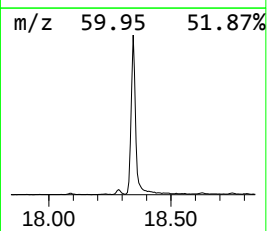
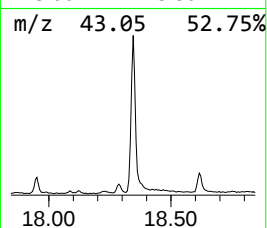
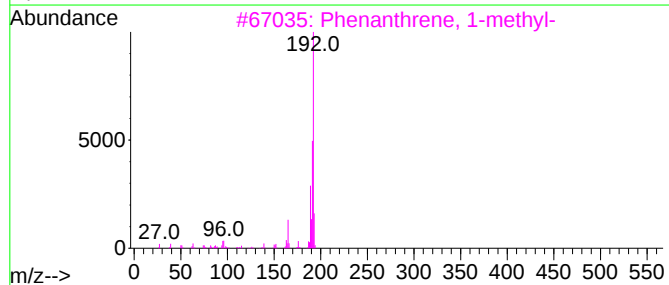
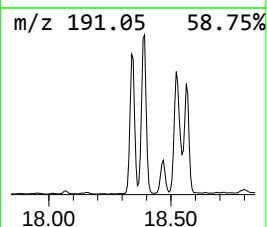
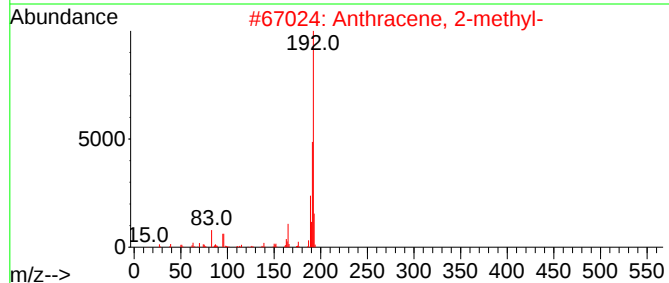
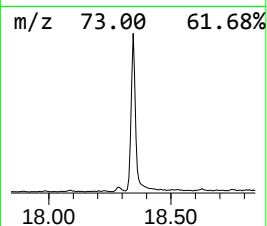
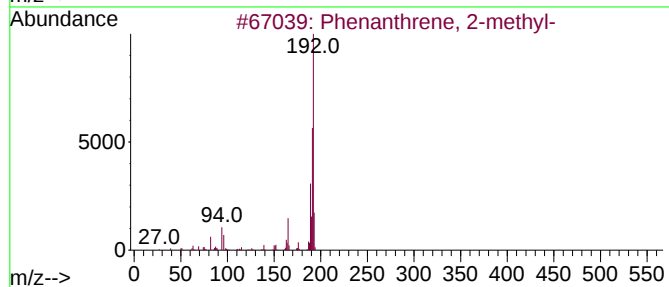
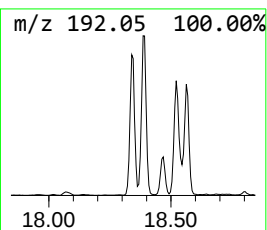
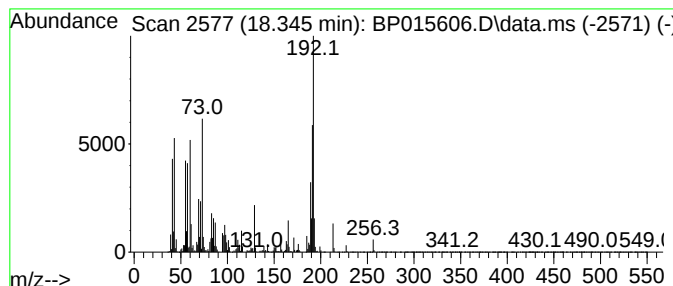
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	25.19 ng/ul	3171370	Phenanthrene-d10	17.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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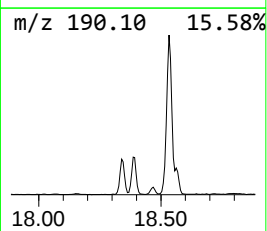
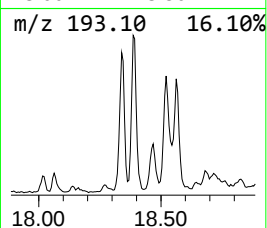
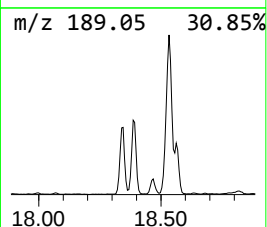
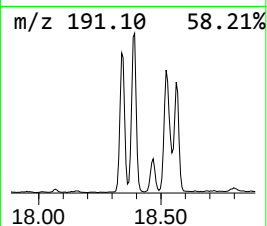
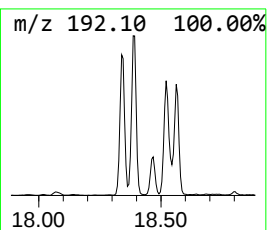
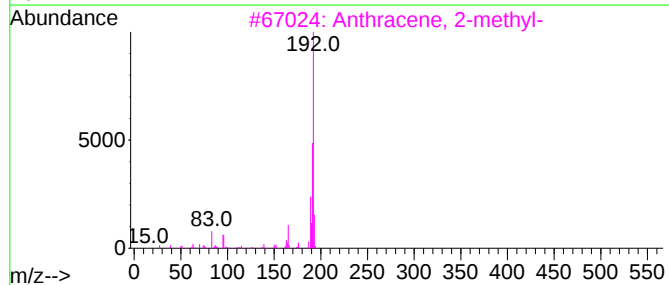
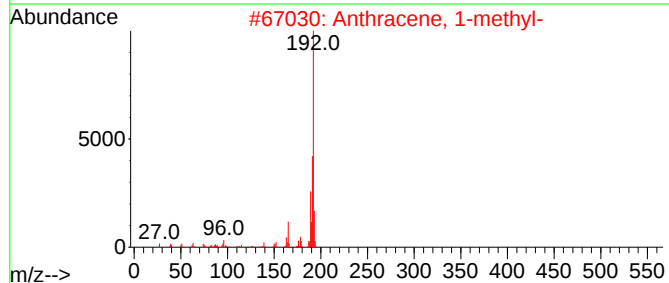
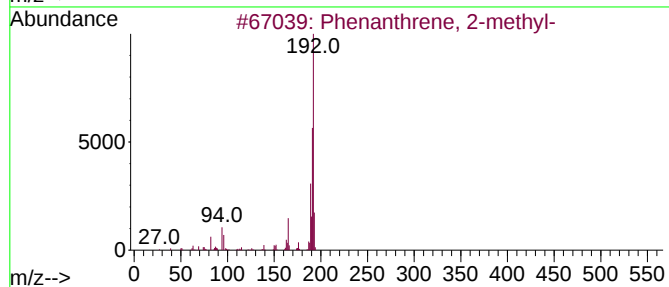
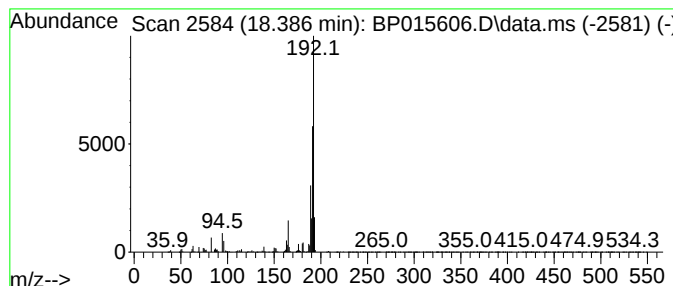
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	11.31 ng/ul	1424320	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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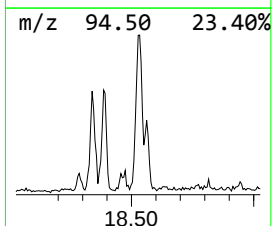
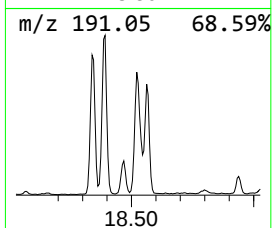
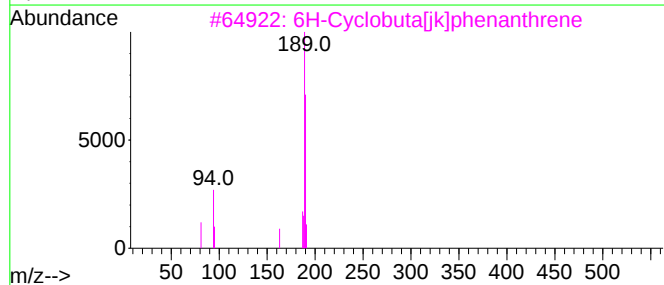
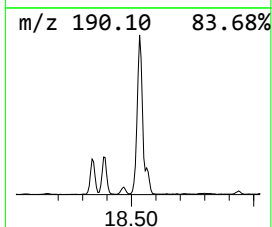
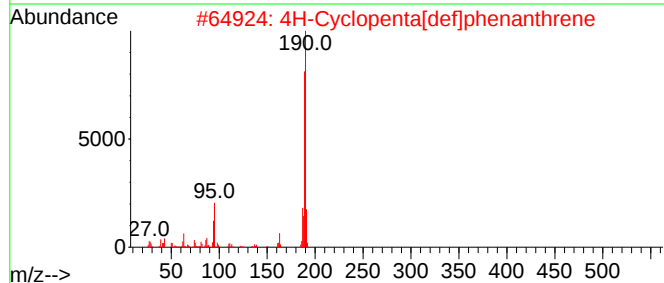
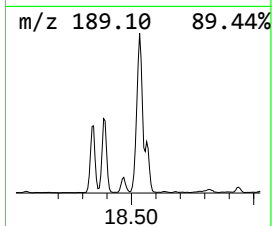
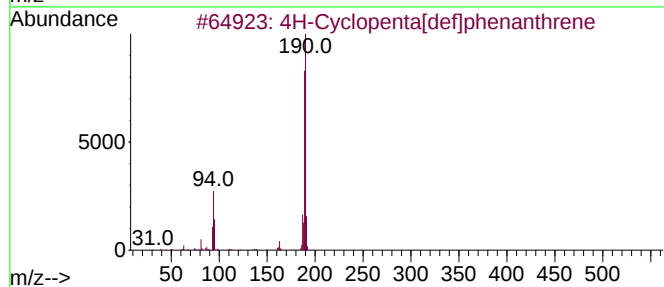
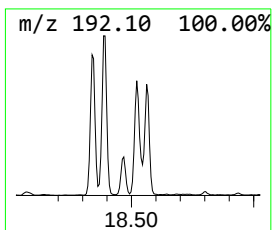
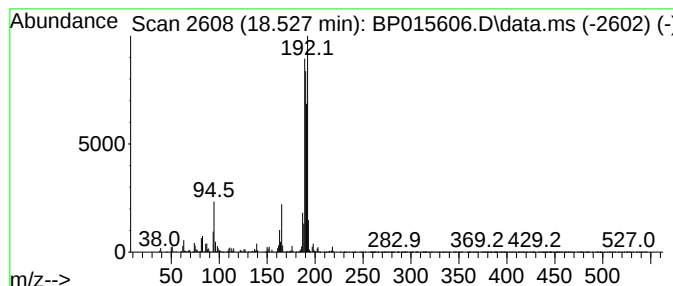
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.527	14.47 ng/ul	1821860	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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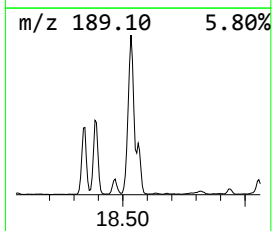
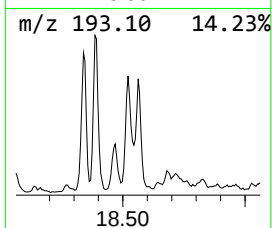
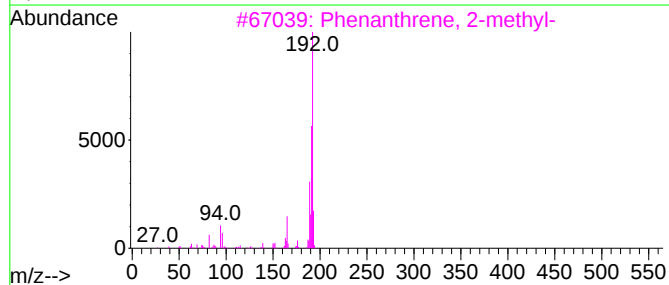
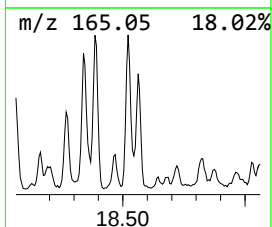
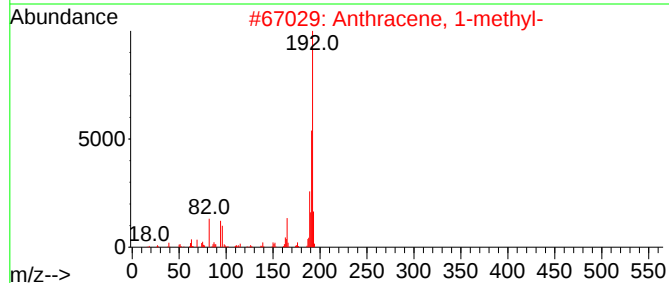
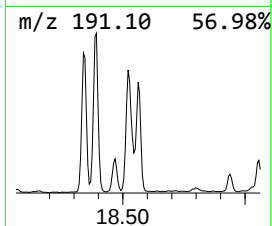
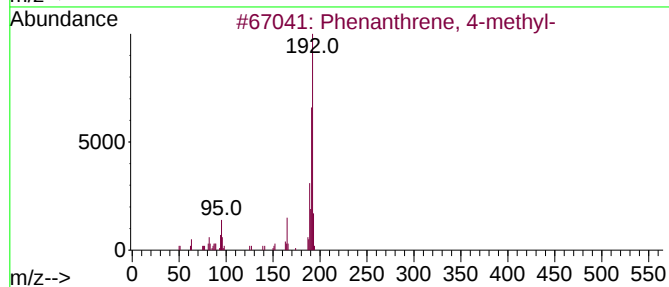
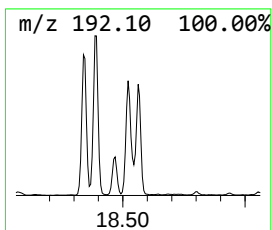
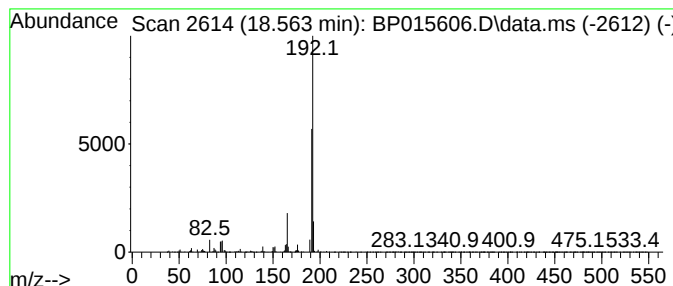
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Phenanthrene, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.563	5.85 ng/ul	736766	Phenanthrene-d10	17.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

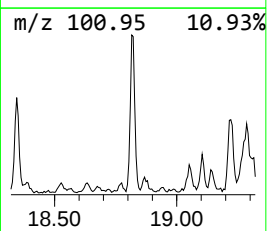
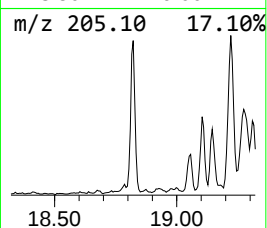
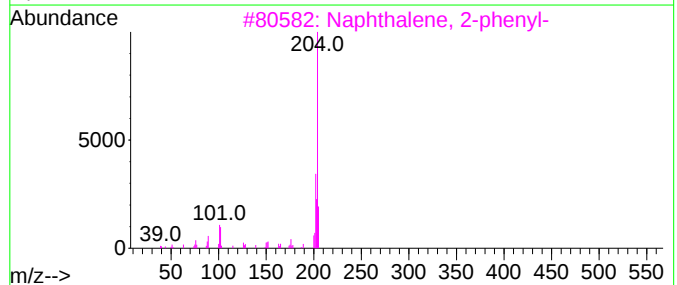
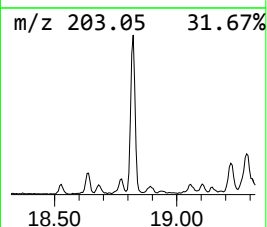
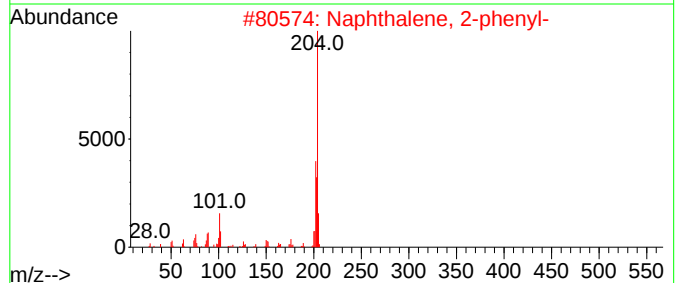
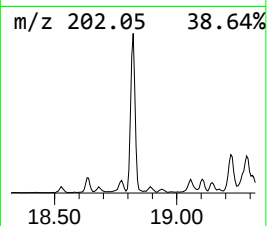
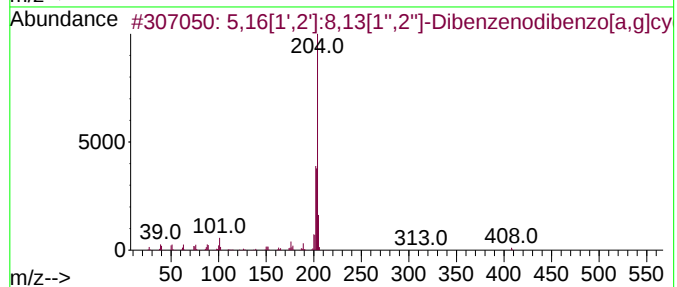
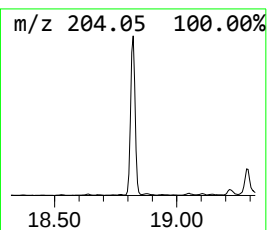
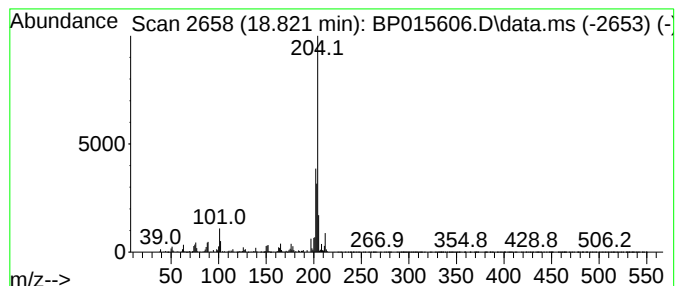
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	7.54 ng/ul	949680	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

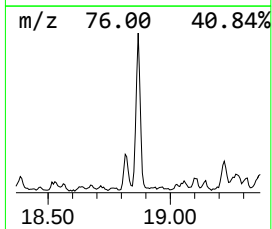
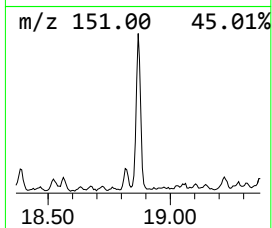
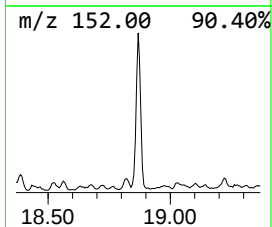
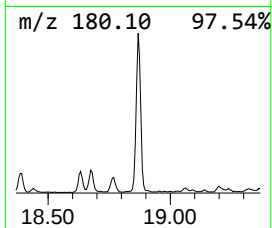
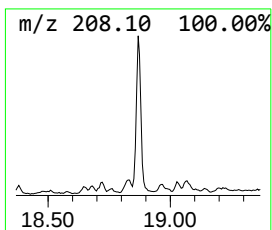
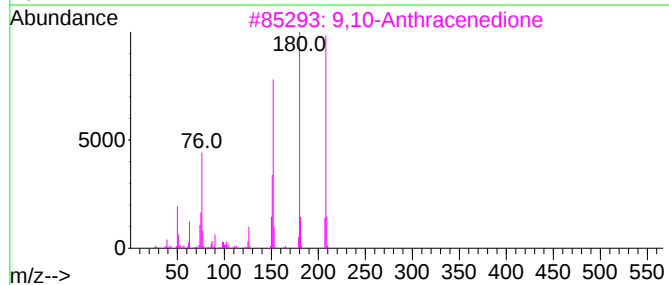
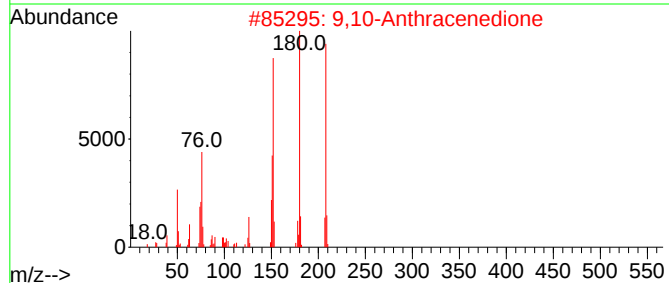
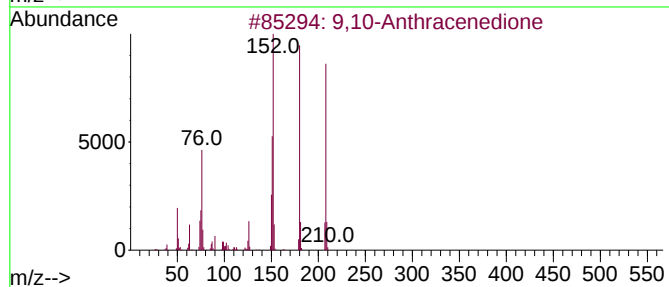
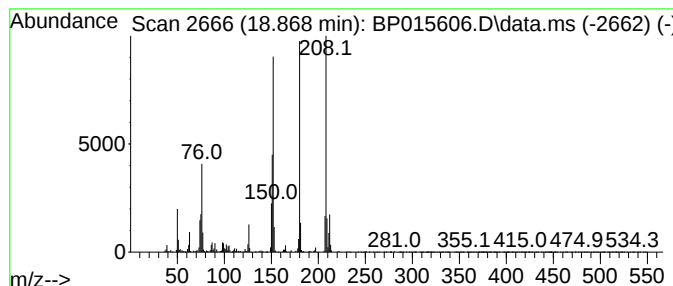
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.868	8.19 ng/ul	1031860	Phenanthrene-d10	17.486

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4		Benzo[c]cinoline	180	C12H8N2	000230-17-1	95
5		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

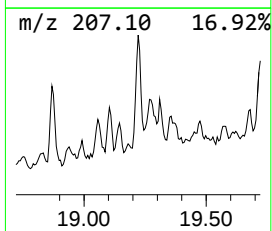
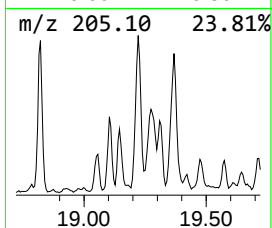
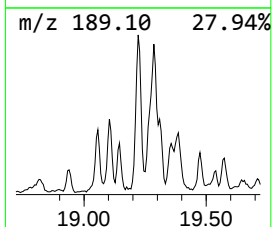
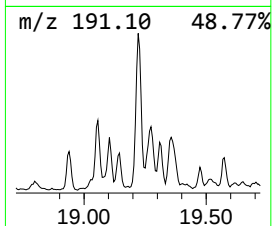
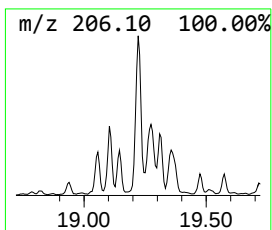
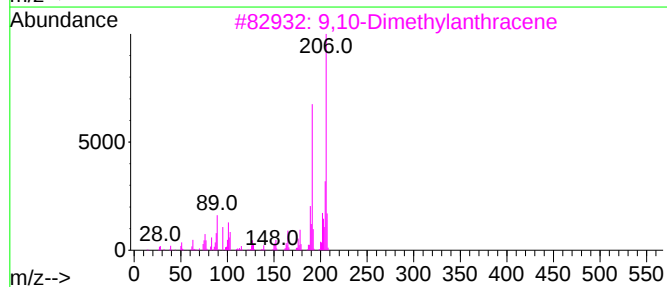
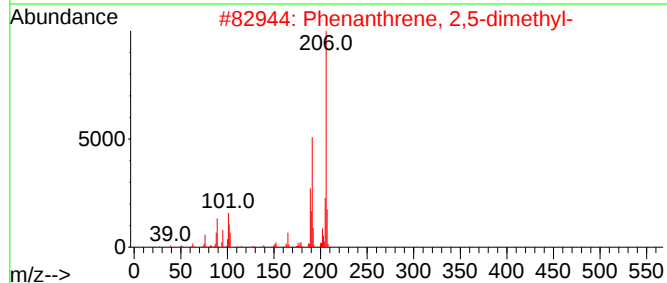
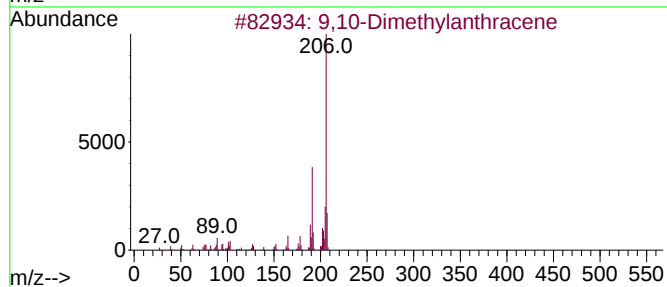
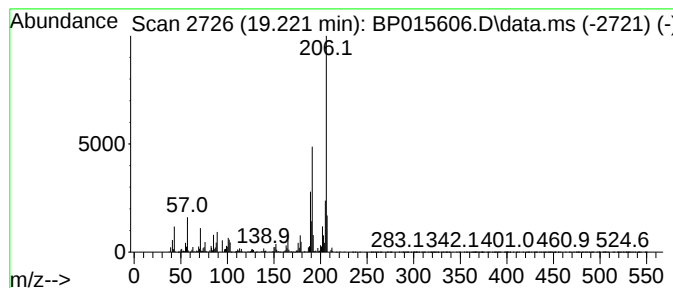
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 21 9,10-Dimethylantracene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.221	8.38 ng/ul	1055320	Phenanthrene-d10		17.486	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene		206	C16H14	000781-43-1	94
2	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	94
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	90
5	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

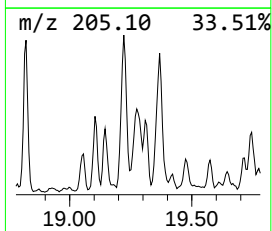
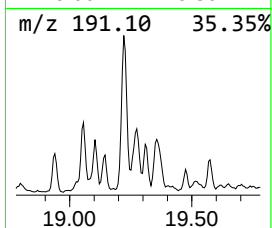
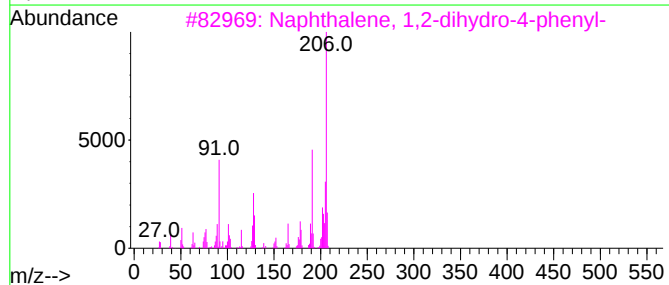
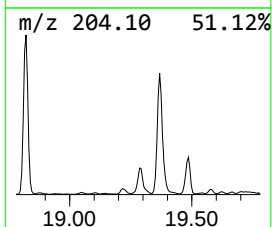
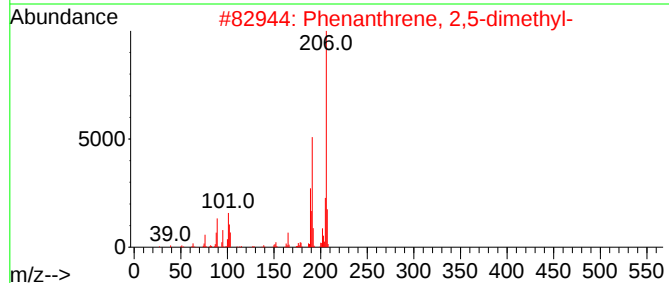
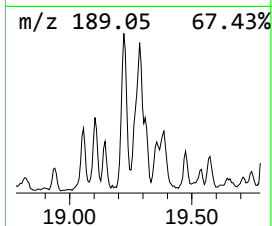
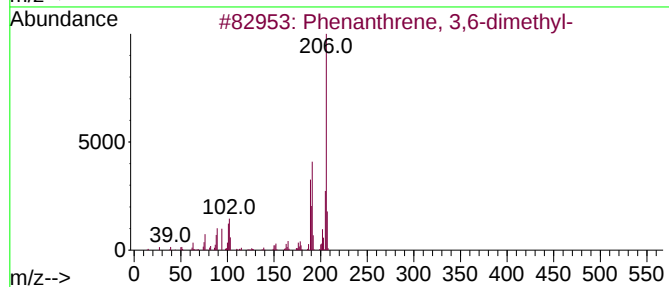
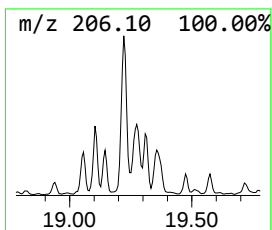
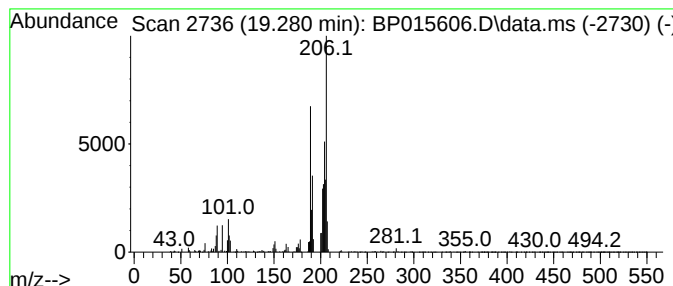
Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 22 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.280	5.55 ng/ul	698252	Phenanthrene-d10	17.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	83
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
3	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	55
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	55
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
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Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

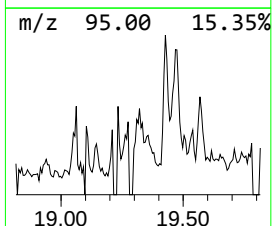
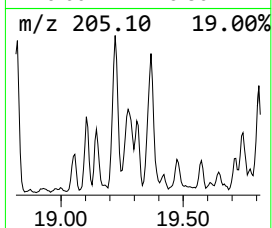
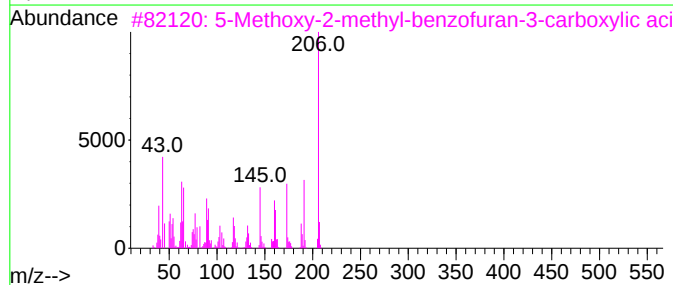
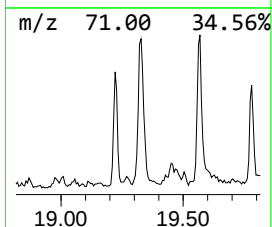
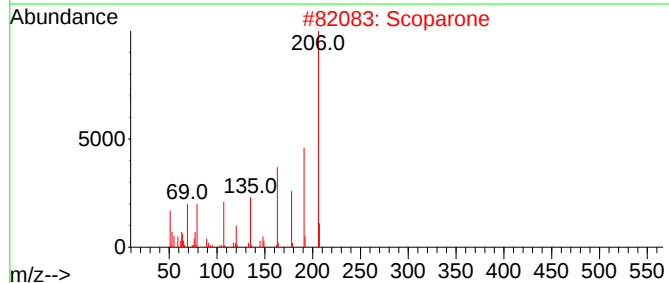
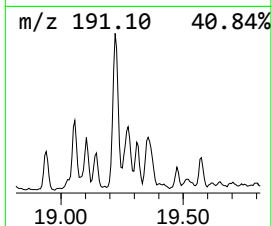
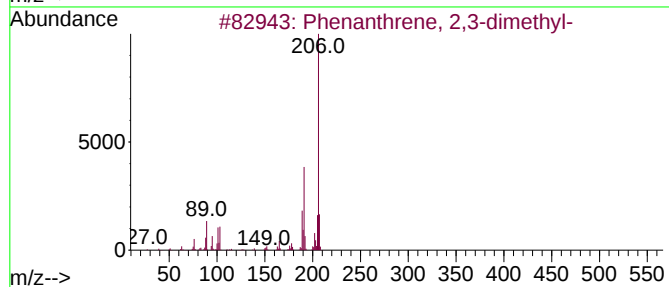
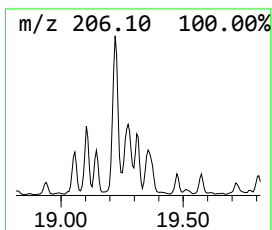
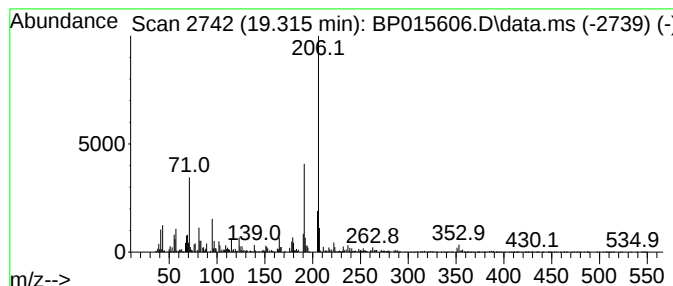
Instrument :
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ClientSampleId :
DCFH1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 23 Phenanthrene, 2,3-dimethyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.315	3.71 ng/ul	466716	Phenanthrene-d10	17.486	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	59
2	Scoparone	206	C11H10O4	000120-08-1	58
3	5-Methoxy-2-methyl-benzofuran-3-...	206	C11H10O4	1000300-49-8	53
4	Scoparone	206	C11H10O4	000120-08-1	53
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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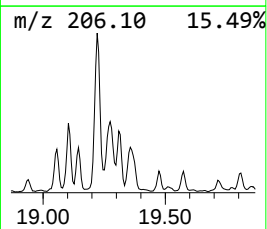
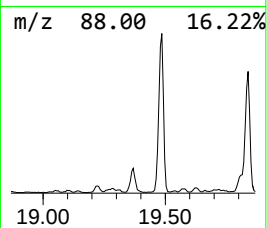
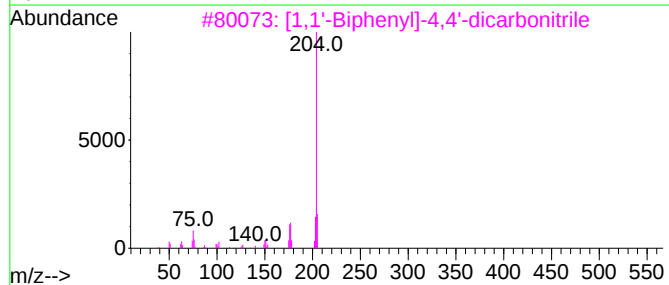
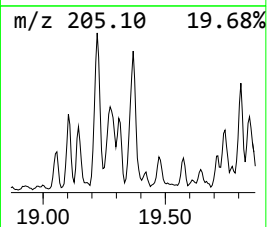
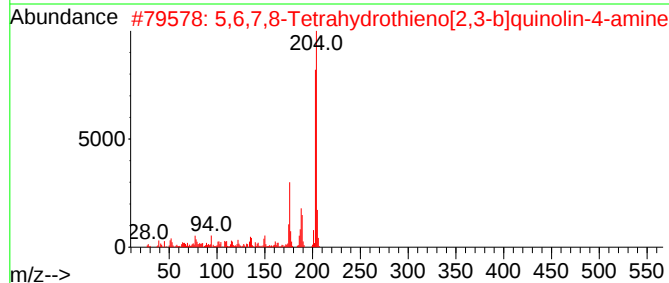
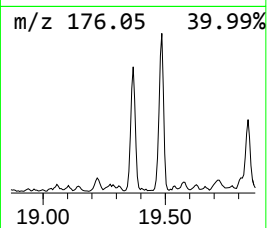
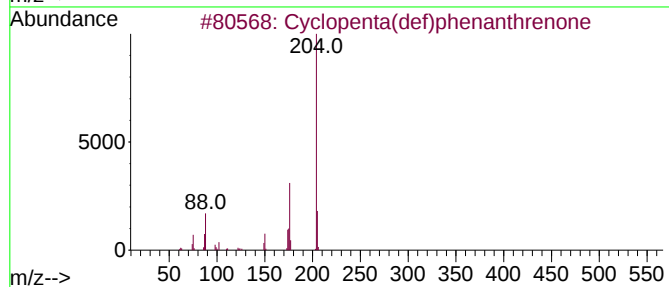
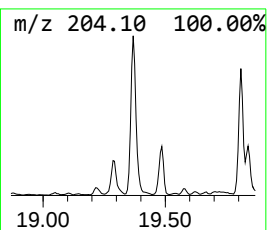
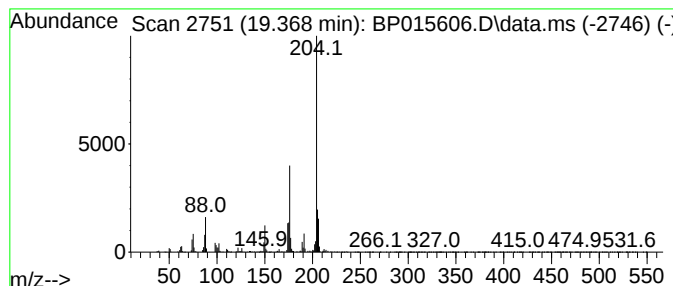
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	9.22 ng/ul	1160900	Phenanthrene-d10	17.486

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
5			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

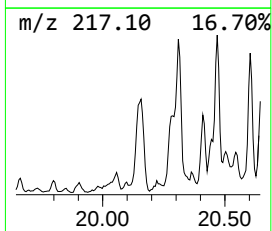
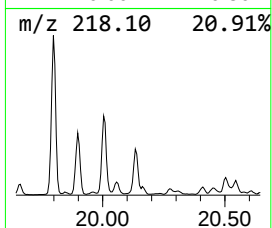
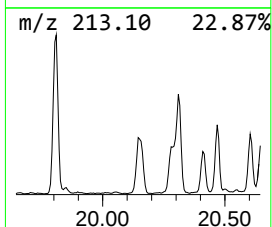
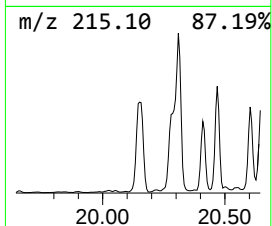
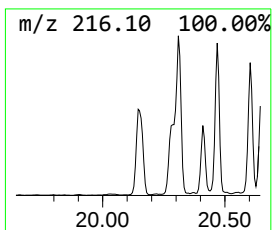
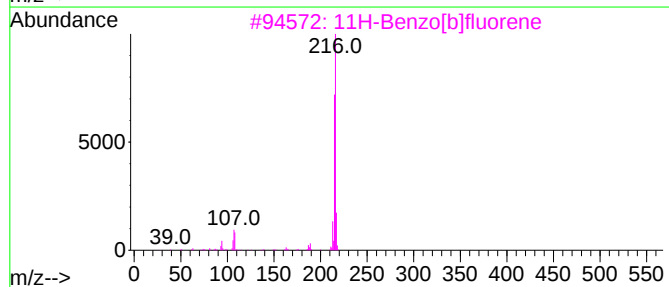
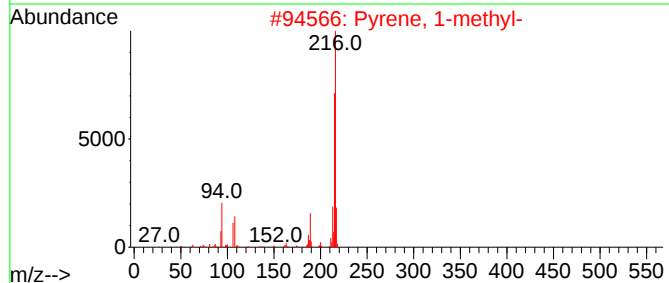
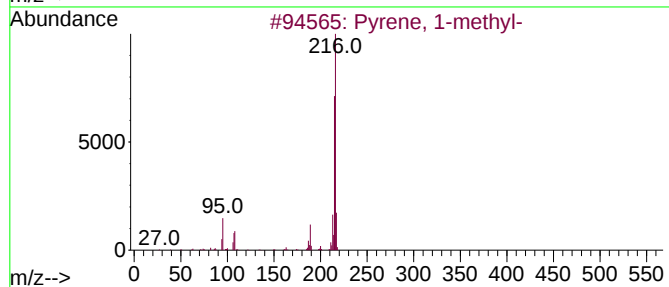
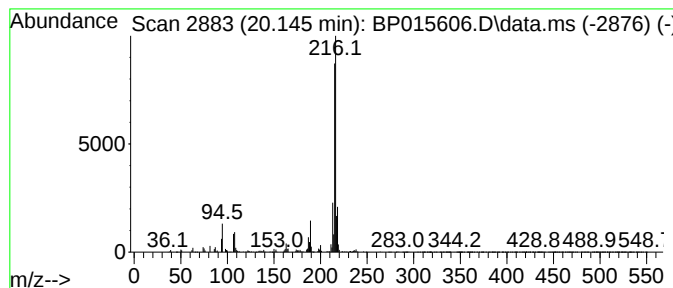
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	3.36 ng/ul	1599020	Chrysene-d12	21.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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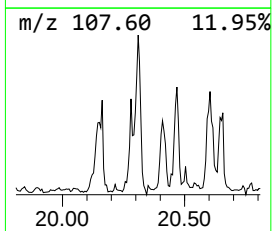
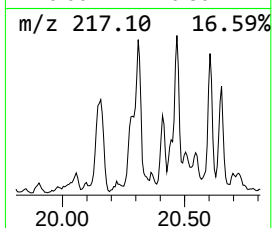
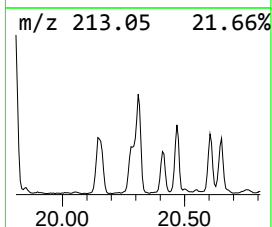
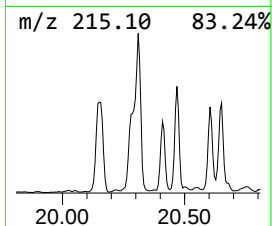
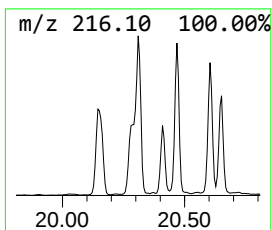
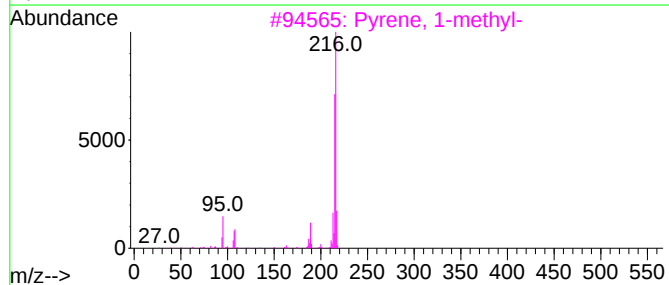
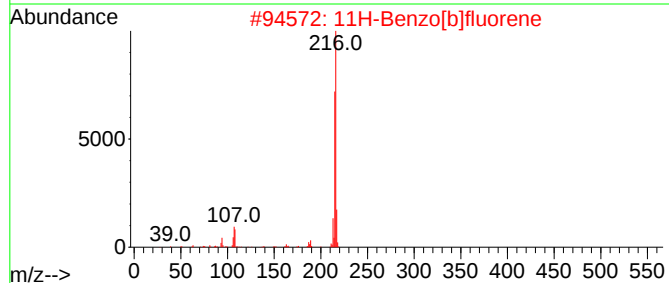
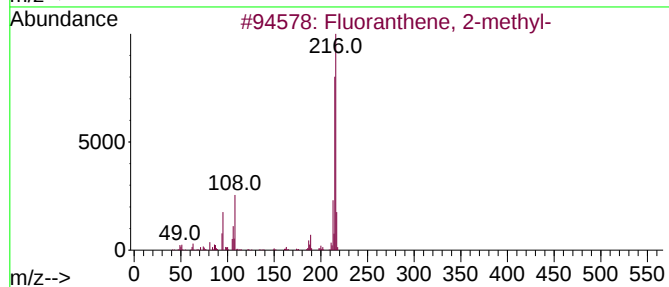
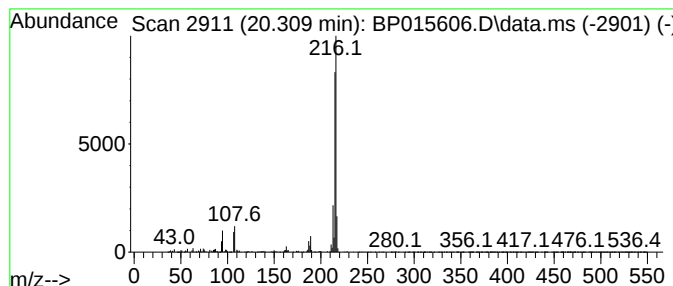
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 28 Fluoranthene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.310	5.10 ng/ul	2426580	Chrysene-d12	21.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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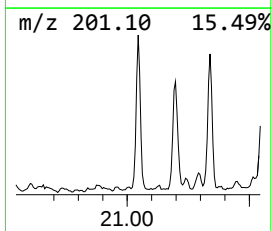
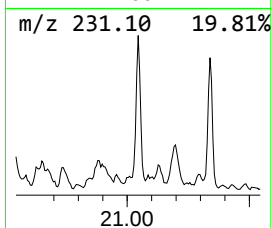
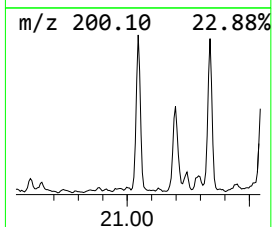
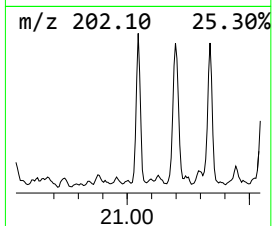
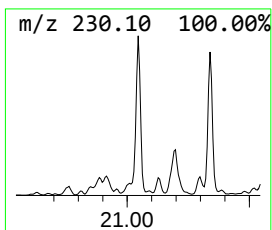
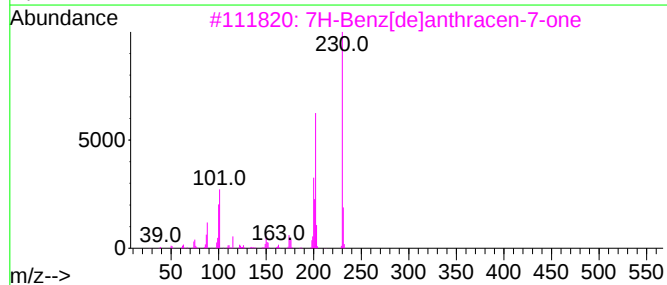
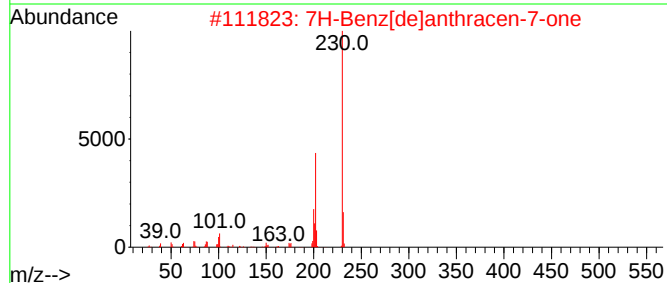
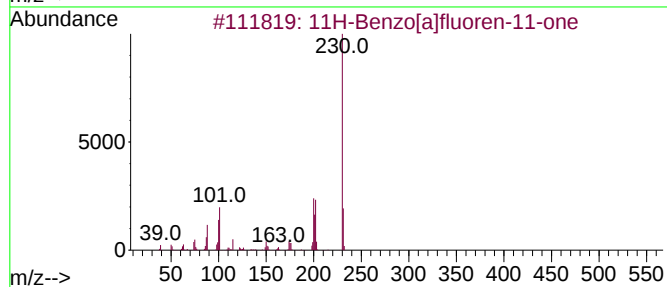
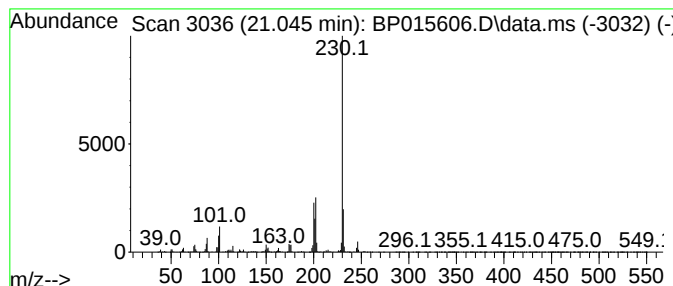
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 31 11H-Benzo[a]fluoren-11-one Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.85 ng/ul	1354590	Chrysene-d12	21.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

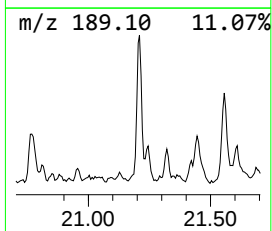
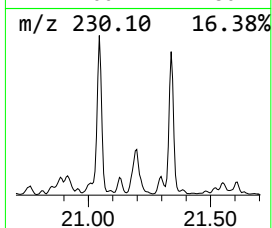
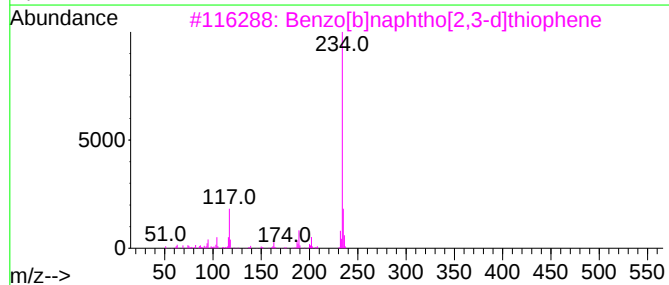
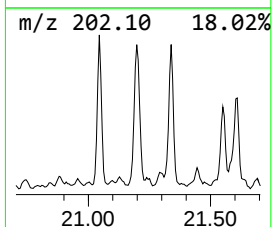
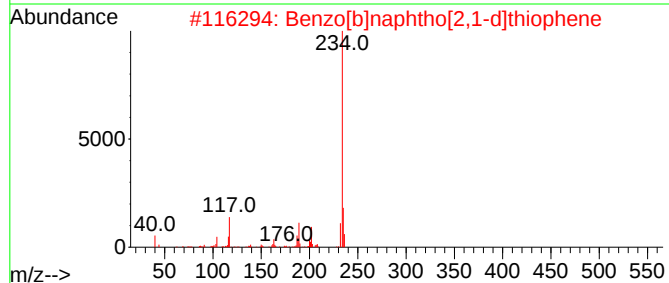
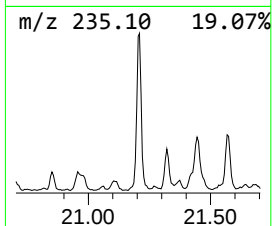
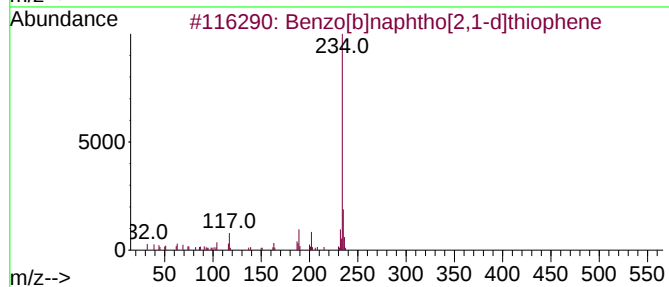
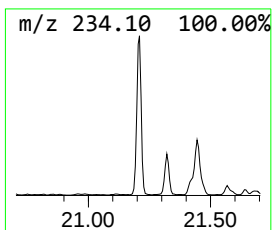
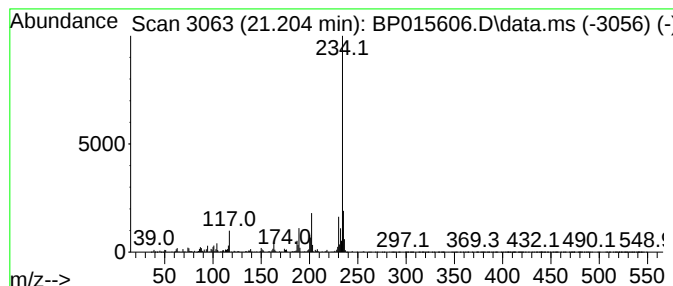
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 32 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.204	4.71 ng/ul	2238260	Chrysene-d12	21.568	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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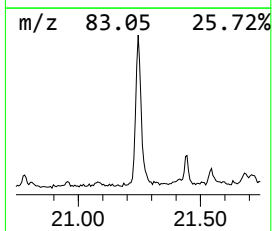
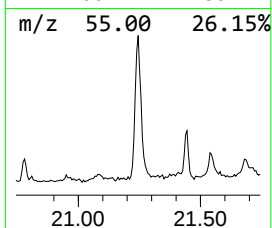
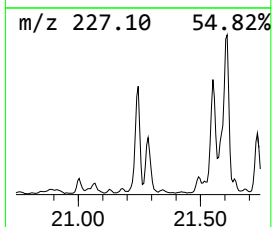
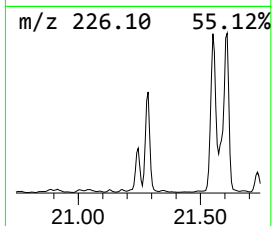
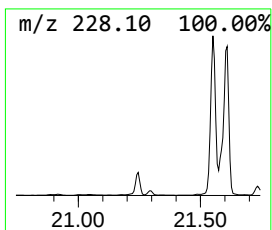
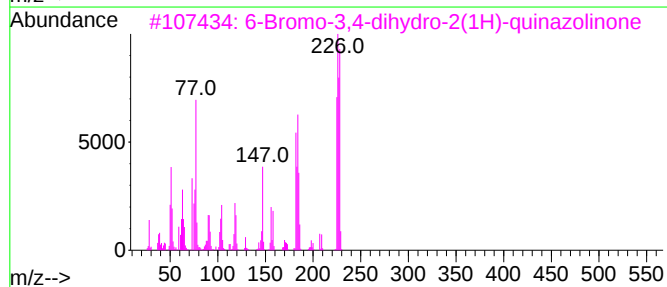
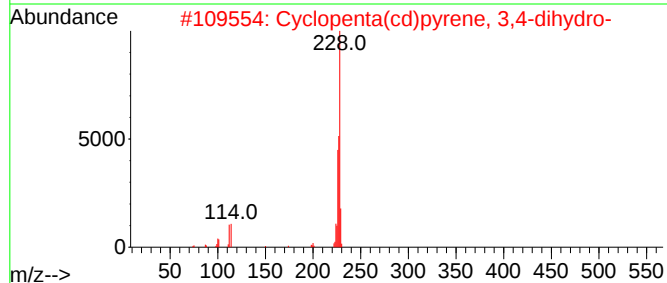
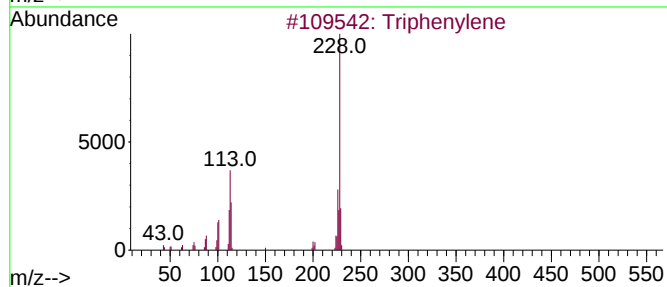
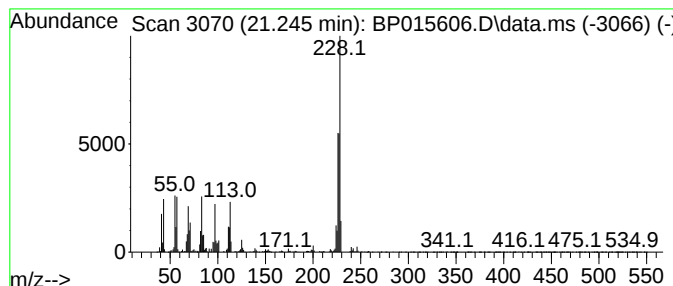
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 33 Triphenylene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.245	4.65 ng/ul	2209290	Chrysene-d12	21.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triphenylene	228	C18H12	000217-59-4	55
2			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3			6-Bromo-3,4-dihydro-2(1H)-quinaz...	226	C8H7BrN2O	1246765-38-7	50
4			5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	46
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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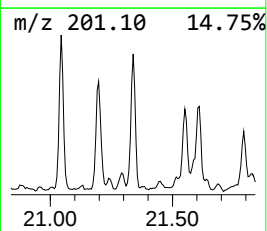
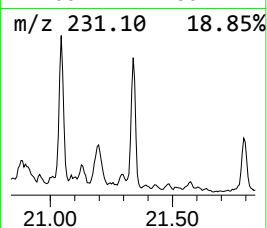
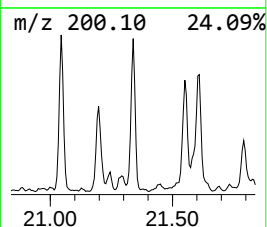
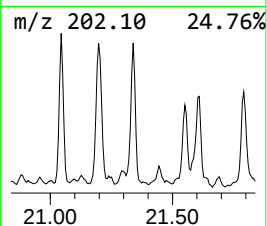
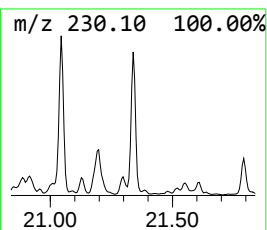
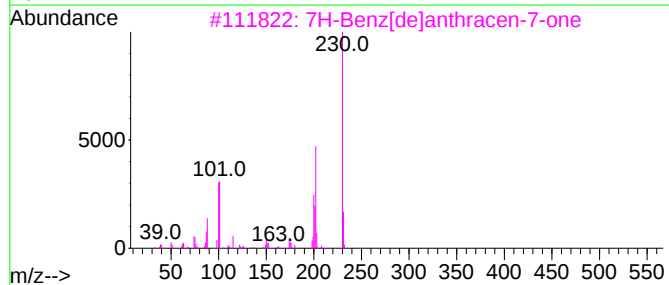
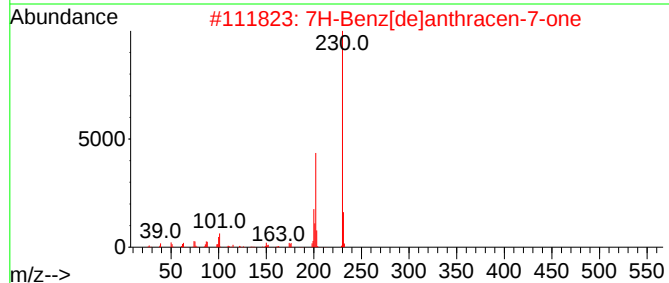
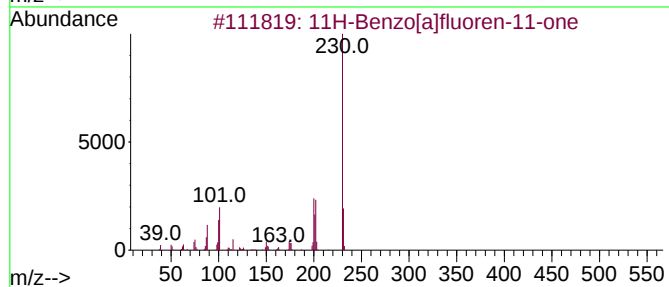
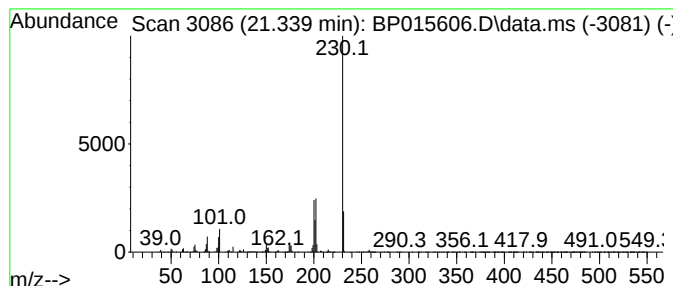
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 35 7H-Benz[de]anthracen-7-one Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.339	3.51 ng/ul	1670820	Chrysene-d12	21.568

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
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Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

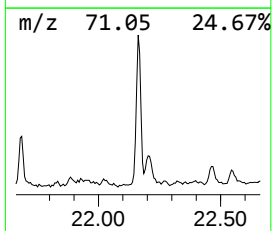
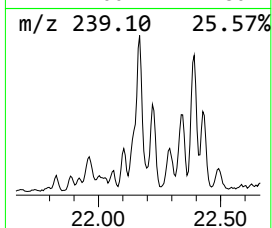
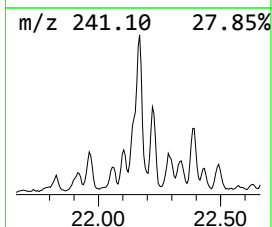
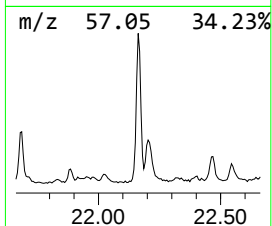
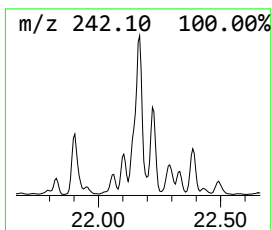
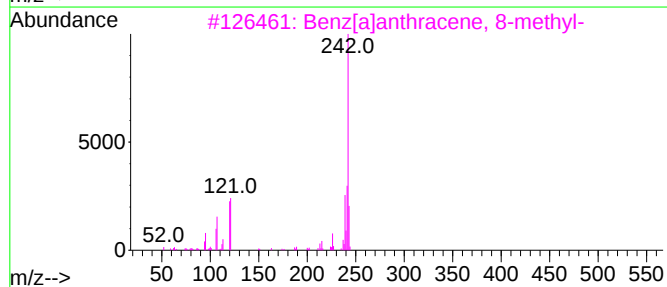
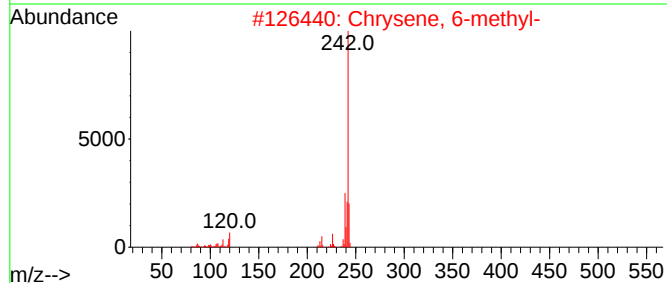
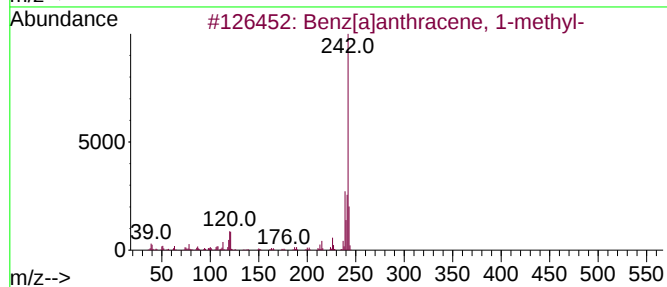
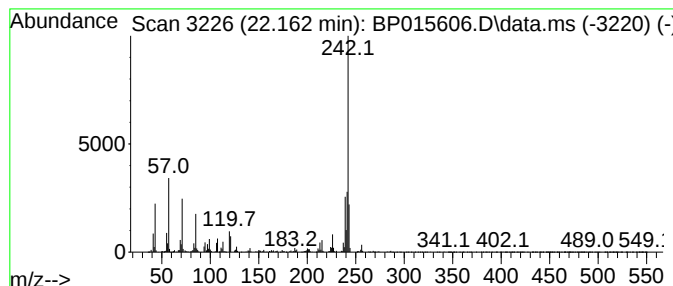
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 37 Benz[a]anthracene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.162	3.56 ng/ul	1692940	Chrysene-d12	21.568	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 1-methyl-	242	C19H14	002498-77-3	98
2	Chrysene, 6-methyl-	242	C19H14	001705-85-7	96
3	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
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Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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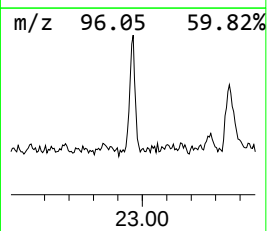
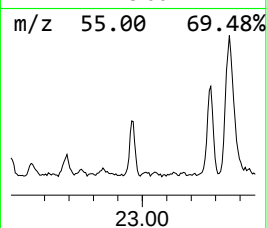
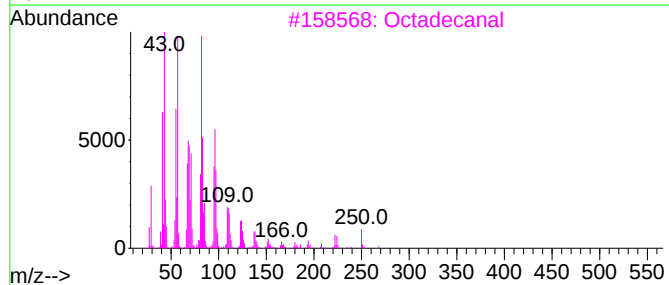
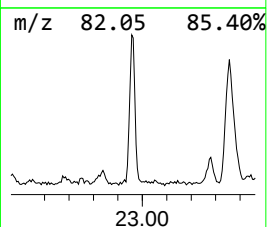
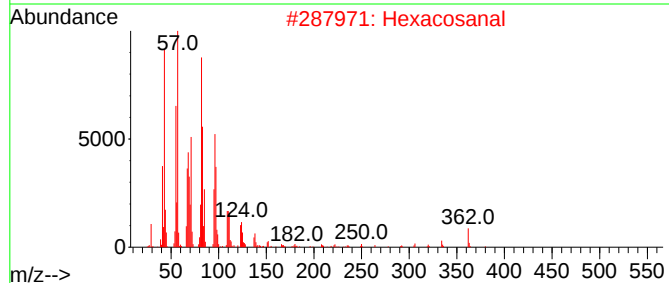
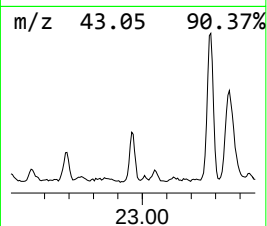
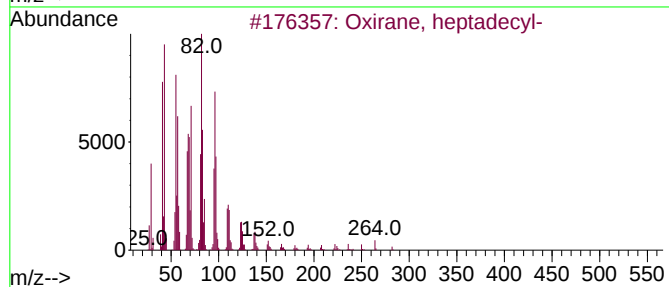
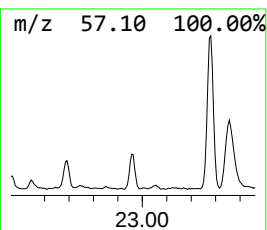
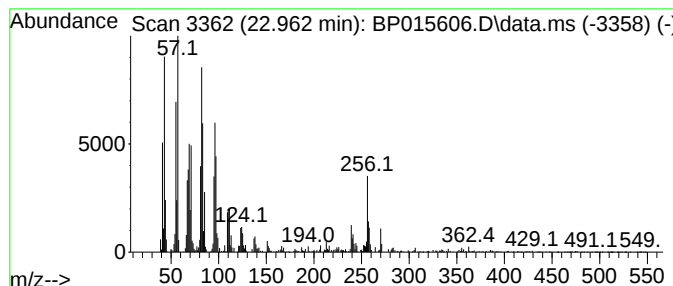
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 39 Oxirane, heptadecyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.962	5.77 ng/ul	602535	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	95
2			Hexacosanal	380	C26H52O	026627-85-0	94
3			Octadecanal	268	C18H36O	000638-66-4	93
4			Tetradecanal	212	C14H28O	000124-25-4	93
5			Nonacosanal	422	C29H58O	072934-04-4	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

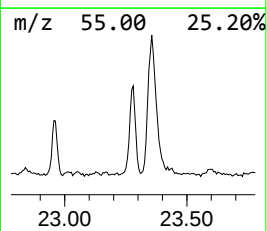
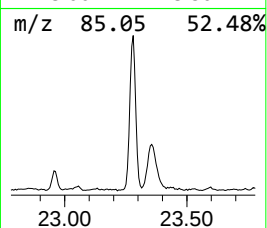
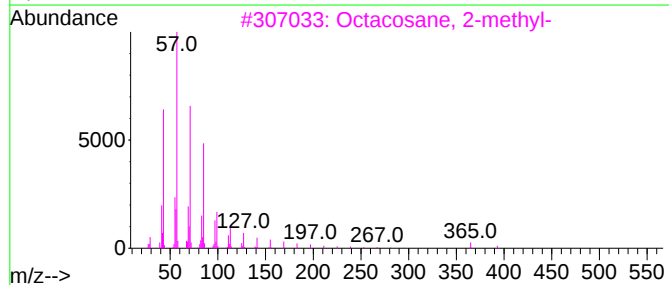
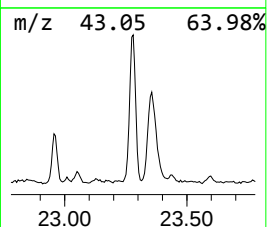
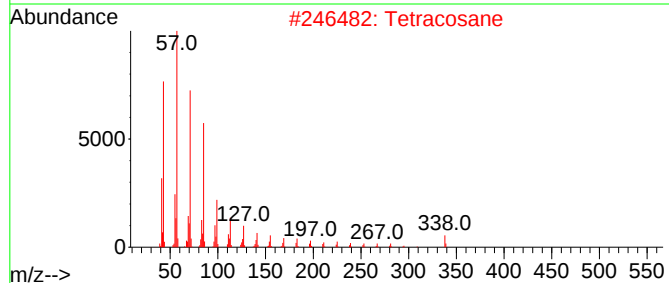
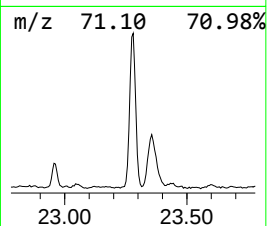
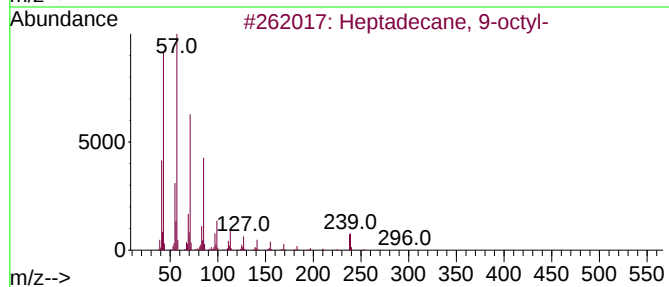
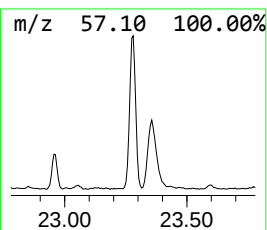
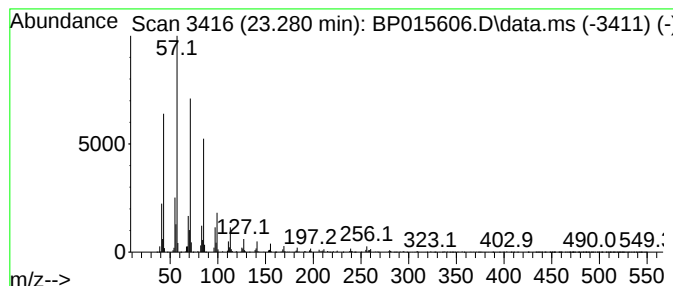
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.280	11.13 ng/ul	1163450	Perylene-d12	24.115

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Tetracosane	338	C24H50	000646-31-1	94
3		Octacosane, 2-methyl-	408	C29H60	001560-98-1	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Octacosane, 1-iodo-	520	C28H57I	1000406-32-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

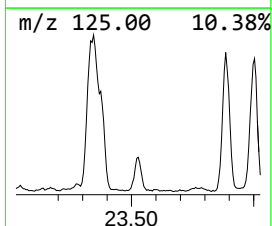
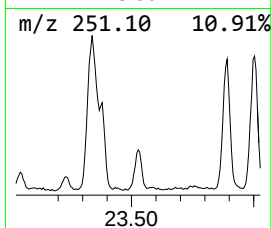
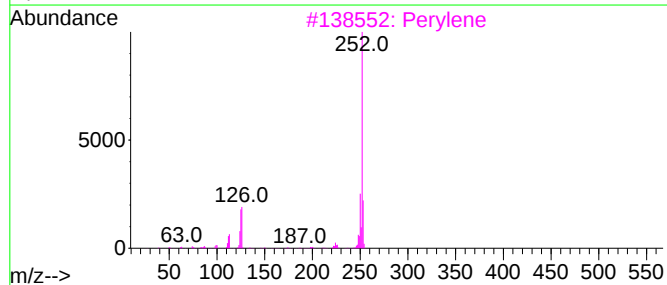
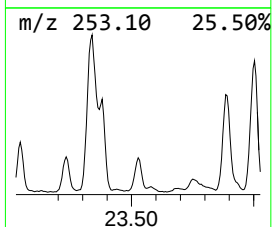
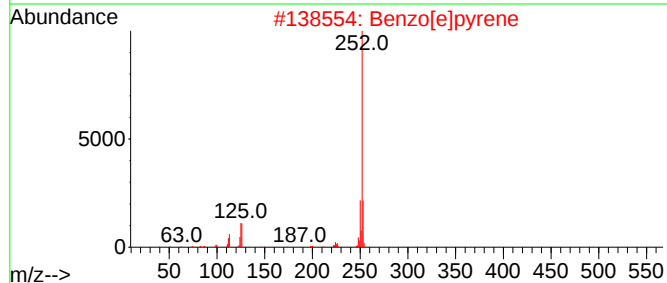
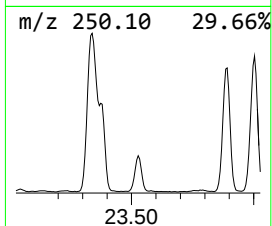
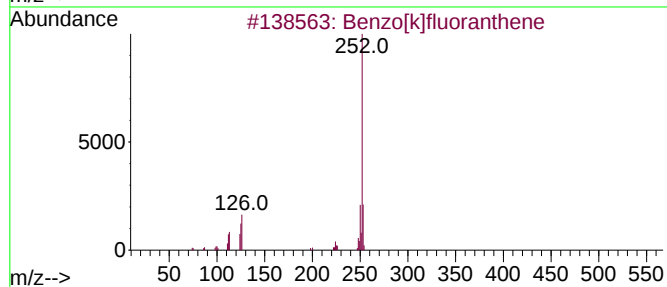
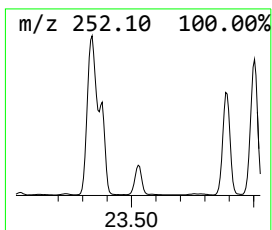
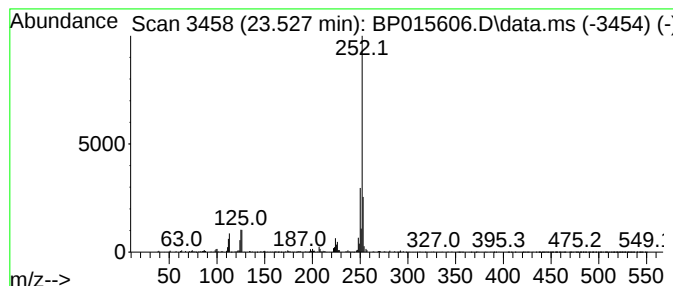
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 41 Benzo[e]pyrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	7.83 ng/ul	818548	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
2			Benzo[e]pyrene	252	C20H12	000192-97-2	96
3			Perylene	252	C20H12	000198-55-0	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

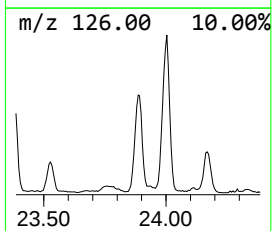
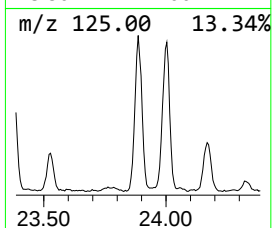
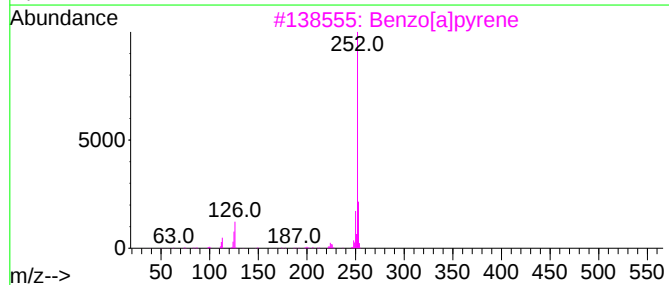
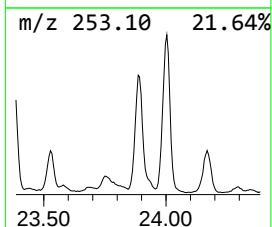
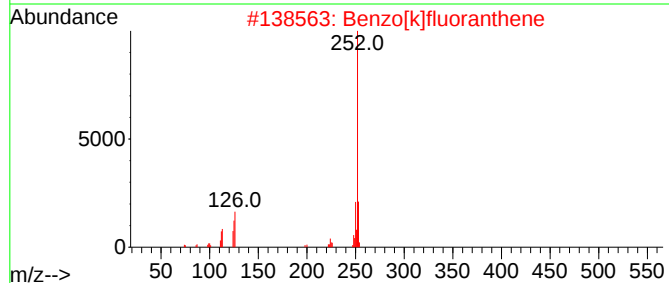
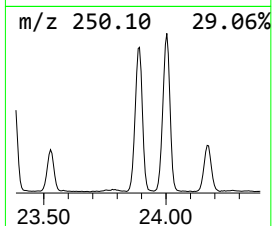
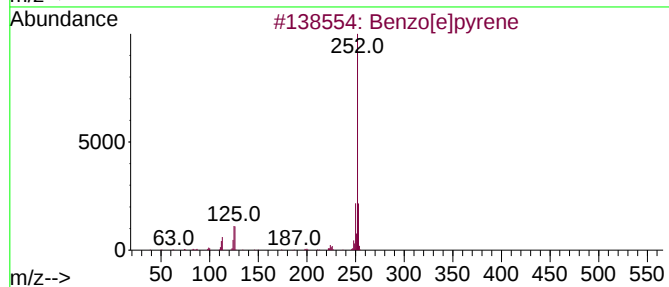
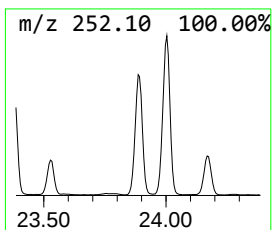
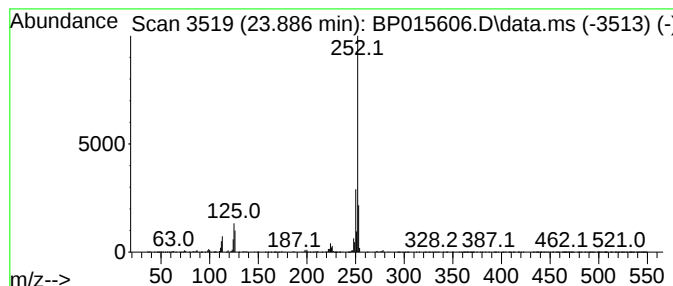
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 42 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.886	30.47 ng/ul	3184550	Perylene-d12	24.115

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	95
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
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Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

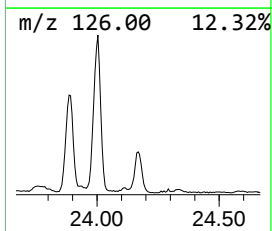
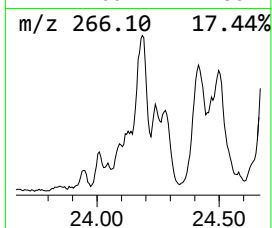
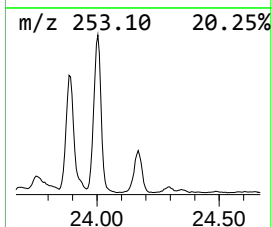
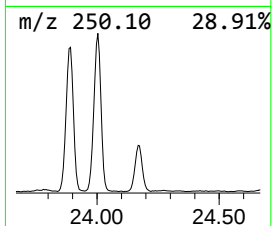
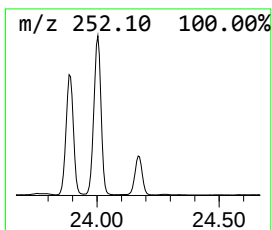
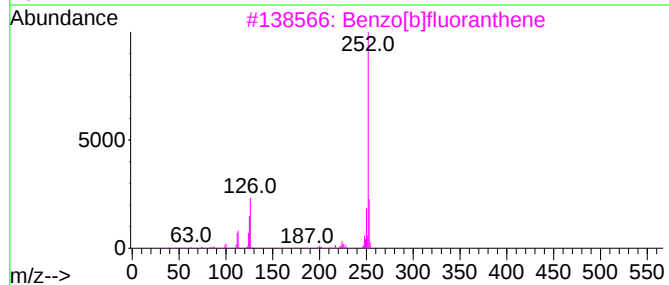
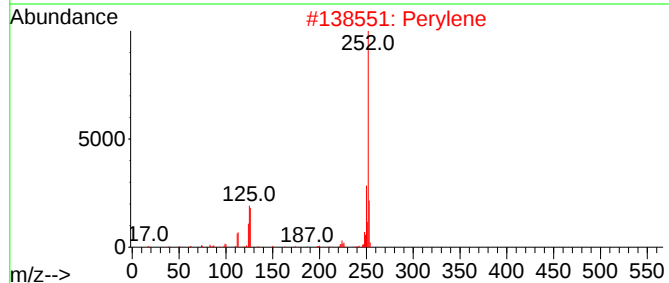
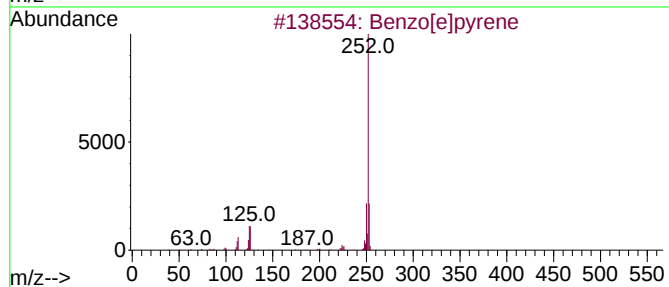
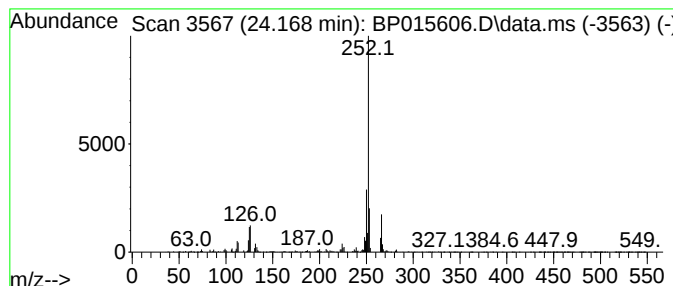
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 43 unknown-01 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.168	13.69 ng/ul	1430310	Perylene-d12	24.115	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Perylene	252	C20H12	000198-55-0	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

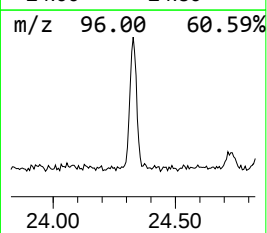
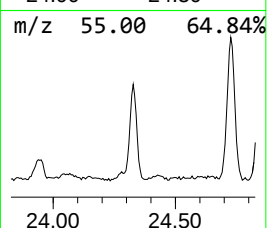
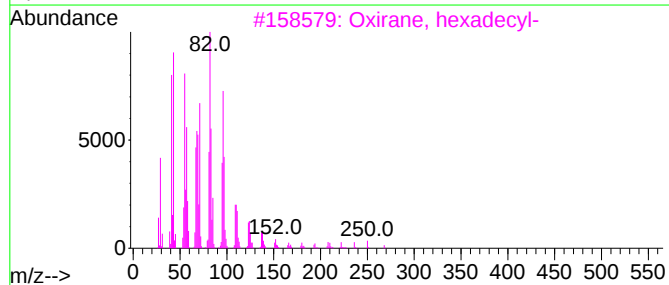
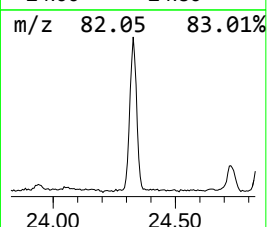
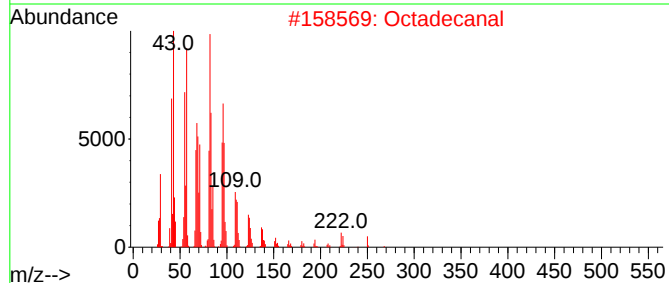
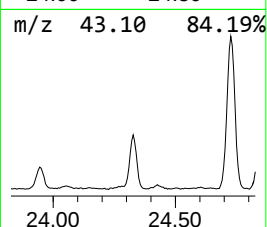
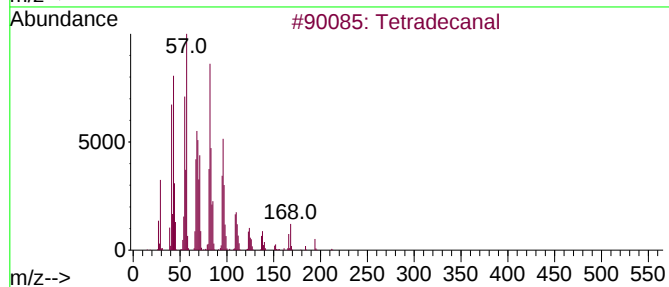
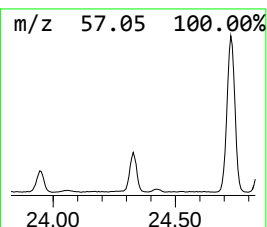
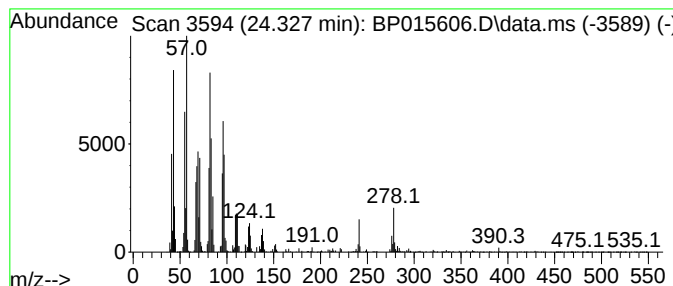
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 44 Tetradecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	14.22 ng/ul	1485850	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecanal	212	C14H28O	000124-25-4	93
2			Octadecanal	268	C18H36O	000638-66-4	90
3			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
4			Hexacosanal	380	C26H52O	026627-85-0	90
5			(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
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Misc :
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Instrument :
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ClientSampleId :
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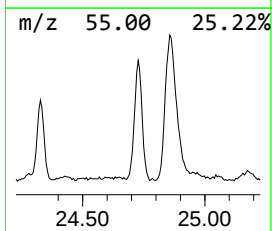
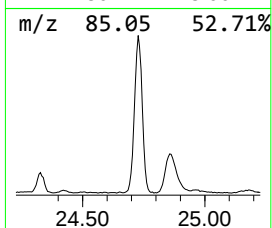
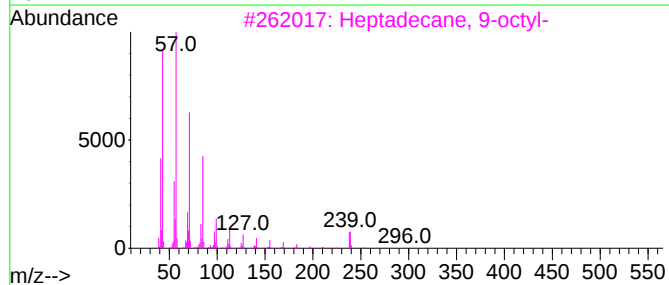
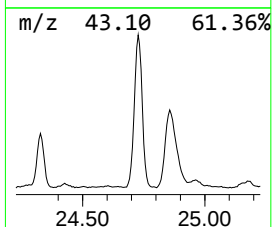
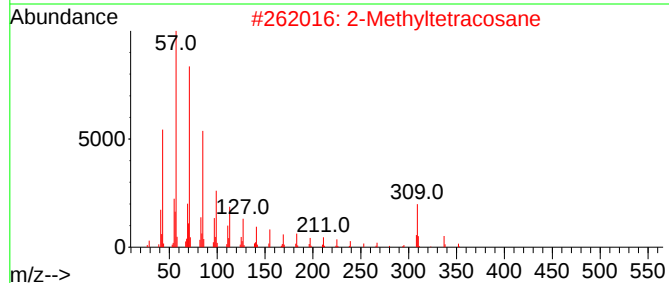
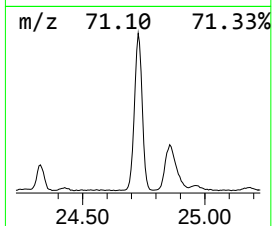
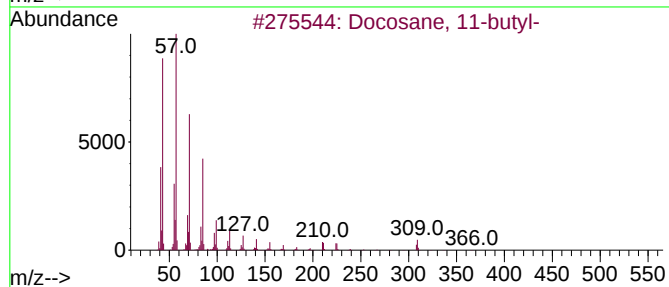
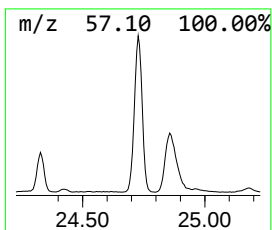
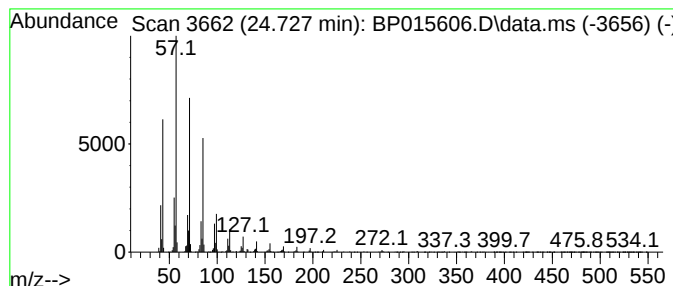
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.727	34.10 ng/ul	3564100	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-butyl-	366	C26H54	013475-76-8	95
2			2-Methyltetracosane	352	C25H52	001560-78-7	93
3			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4			Docosane, 1-iodo-	436	C22H45I	1000406-31-9	91
5			Hexacosane	366	C26H54	000630-01-3	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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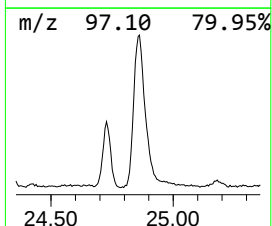
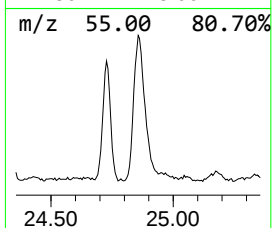
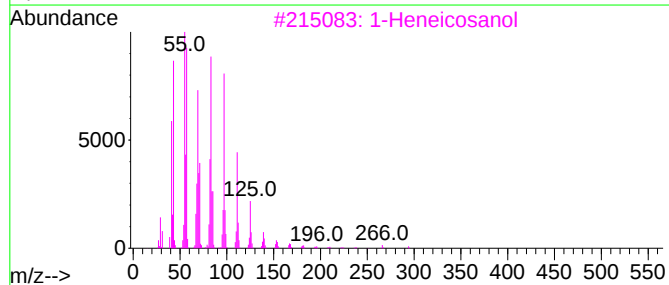
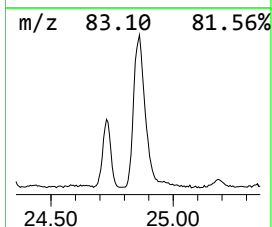
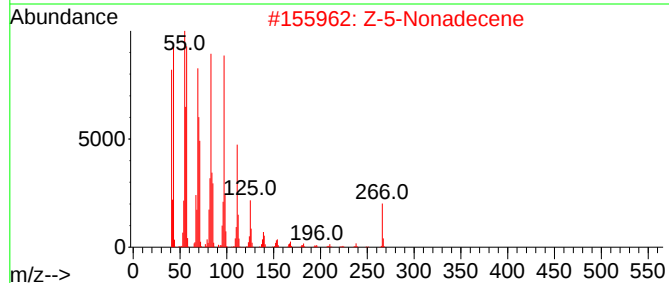
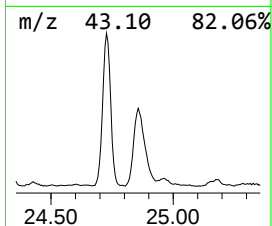
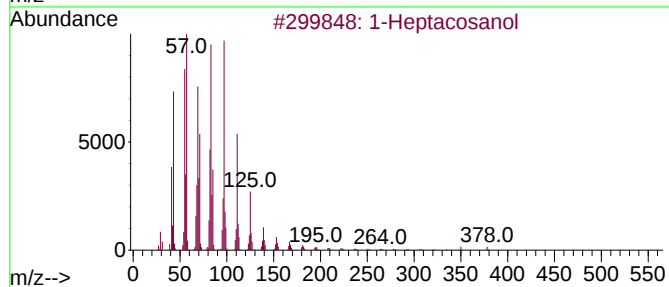
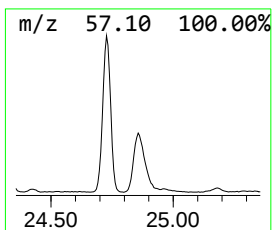
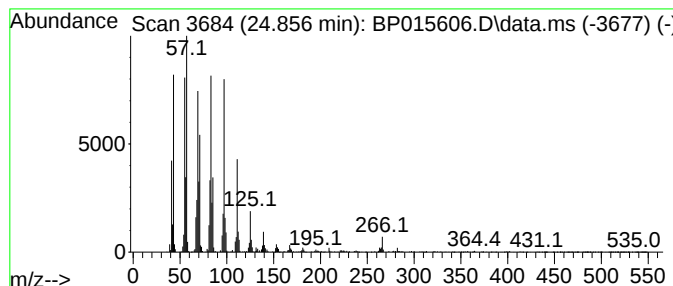
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 46 1-Heptacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.856	33.34 ng/ul	3483910	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Heptacosanol	396	C27H56O	002004-39-9	95
2			Z-5-Nonadecene	266	C19H38	1000131-11-8	95
3			1-Heneicosanol	312	C21H44O	015594-90-8	95
4			1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
5			Heptacos-1-ene	378	C27H54	015306-27-1	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

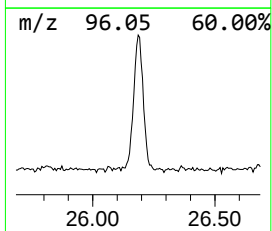
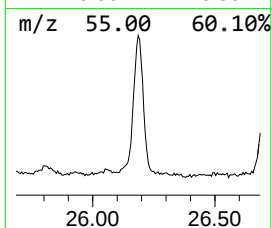
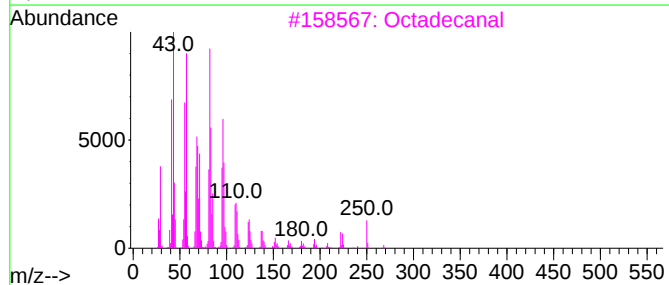
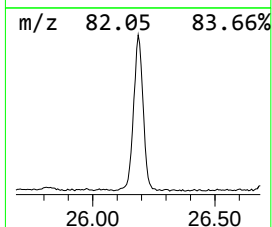
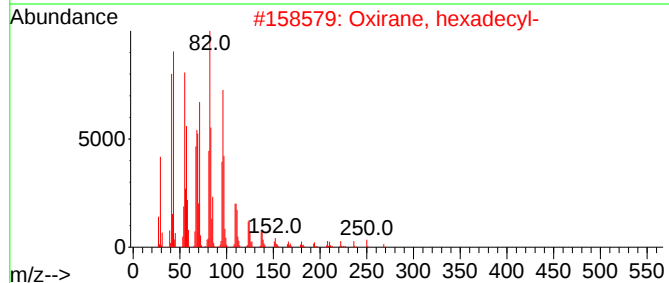
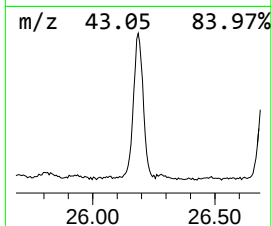
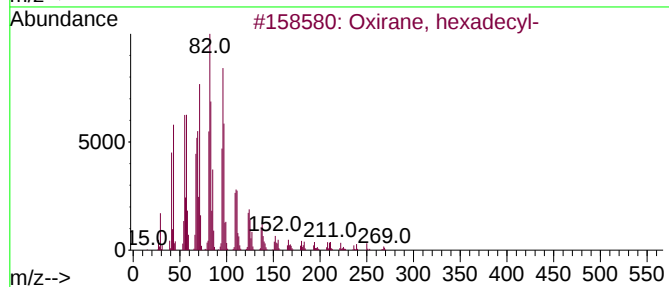
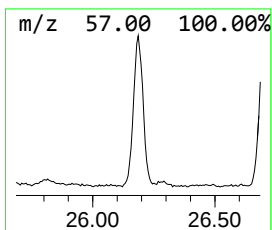
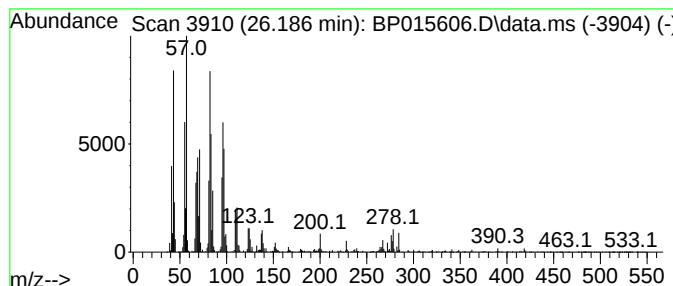
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 47 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.186	23.23 ng/ul	2427840	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	96
2			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	95
3			Octadecanal	268	C18H36O	000638-66-4	93
4			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	90
5			Z-2-Octadecen-1-ol	268	C18H36O	1000131-11-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

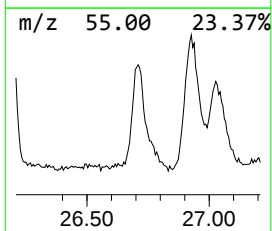
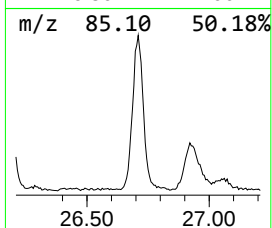
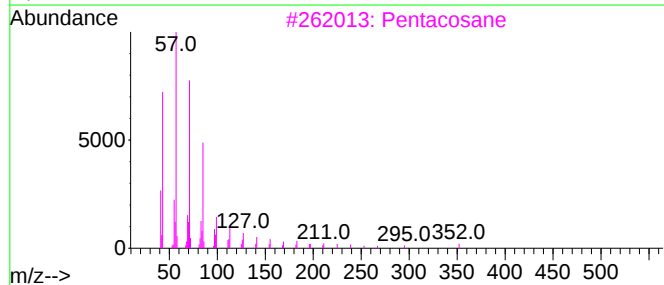
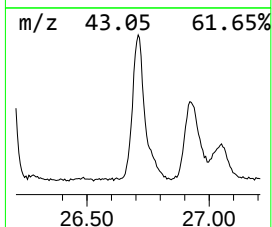
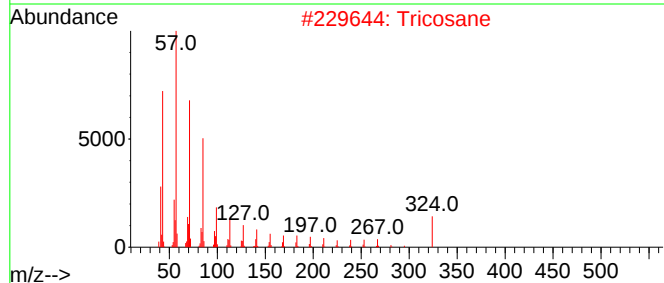
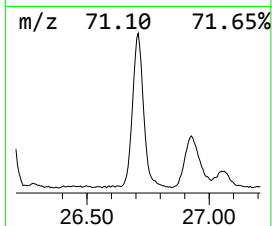
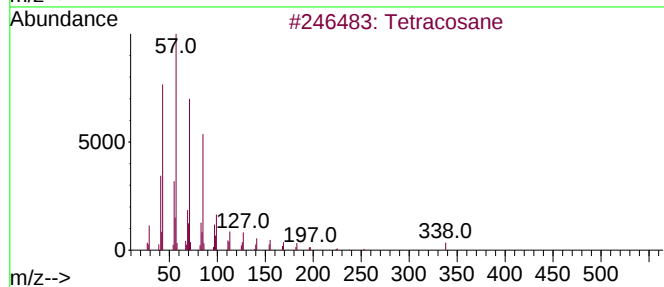
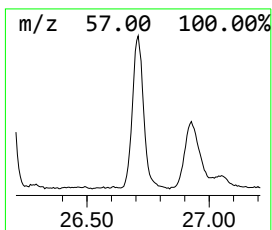
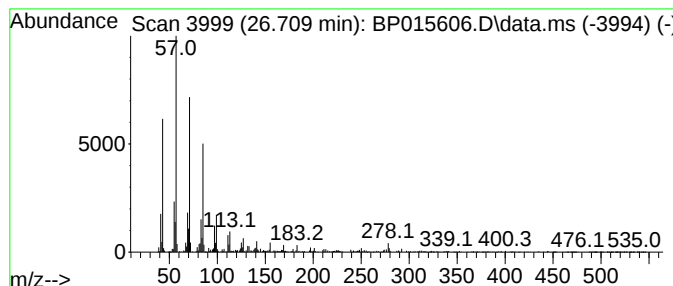
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.709	8.85 ng/ul	924949	Perylene-d12	24.115

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetracosane	338	C24H50	000646-31-1	95
2		Tricosane	324	C23H48	000638-67-5	95
3		Pentacosane	352	C25H52	000629-99-2	93
4		Nonacosane	408	C29H60	000630-03-5	91
5		Nonadecane	268	C19H40	000629-92-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
Data File : BP015606.D
Acq On : 19 Jun 2023 16:38
Operator : MA/JU
Sample : 03080-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DCFH1

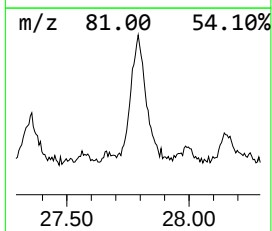
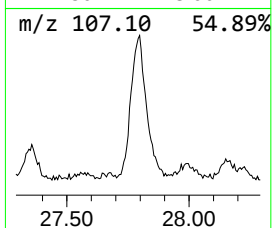
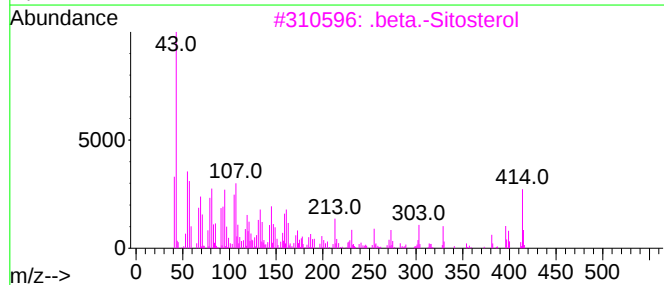
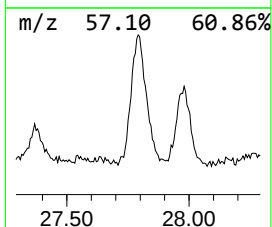
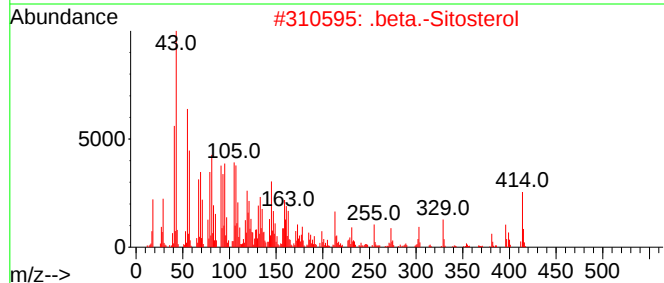
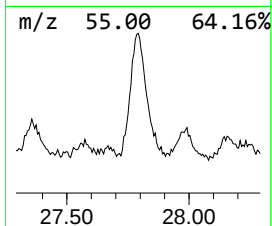
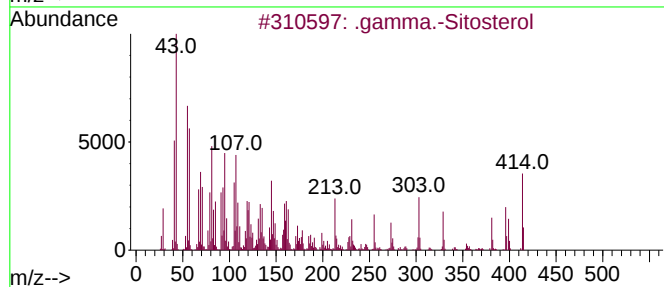
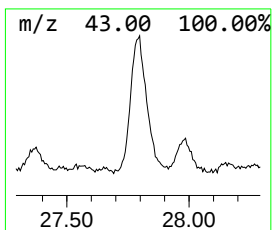
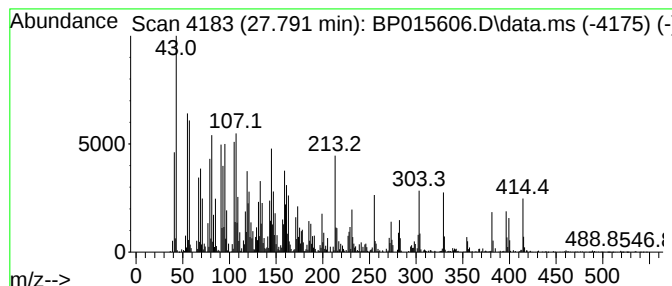
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 49 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.791	25.80 ng/ul	2696760	Perylene-d12	24.115

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2			.beta.-Sitosterol	414	C29H50O	000083-46-5	93
3			.beta.-Sitosterol	414	C29H50O	000083-46-5	91
4			.gamma.-Sitosterol	414	C29H50O	000083-47-6	83
5			Pregn-5-en-3-ol, 21-bromo-20-met...	394	C22H35BrO	055103-80-5	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061923\
 Data File : BP015606.D
 Acq On : 19 Jun 2023 16:38
 Operator : MA/JU
 Sample : 03080-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH1

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.080	4.1	ng/ul	417869	3	14.727	2021410	20.0
Dibenzothiophene	17.298	3.5	ng/ul	445405	4	17.486	2518450	20.0
Carba zole	17.886	4.7	ng/ul	590912	4	17.486	2518450	20.0
2-Methyldibenzo...	18.057	4.4	ng/ul	555772	4	17.486	2518450	20.0
(E)-Hexadec-9-e...	18.286	3.9	ng/ul	486792	4	17.486	2518450	20.0
Phenanthrene, 2...	18.345	25.2	ng/ul	3171370	4	17.486	2518450	20.0
Anthracene, 1-m...	18.386	11.3	ng/ul	1424320	4	17.486	2518450	20.0
4H-Cyclopenta[d...	18.527	14.5	ng/ul	1821860	4	17.486	2518450	20.0
Phenanthrene, 4...	18.563	5.8	ng/ul	736766	4	17.486	2518450	20.0
5,16[1',2']:8,1...	18.821	7.5	ng/ul	949680	4	17.486	2518450	20.0
9,10-Anthracene...	18.868	8.2	ng/ul	1031860	4	17.486	2518450	20.0
9,10-Dimethylan...	19.221	8.4	ng/ul	1055320	4	17.486	2518450	20.0
Phenanthrene, 3...	19.280	5.5	ng/ul	698252	4	17.486	2518450	20.0
Phenanthrene, 2...	19.315	3.7	ng/ul	466716	4	17.486	2518450	20.0
Cyclopenta(def)...	19.368	9.2	ng/ul	1160900	4	17.486	2518450	20.0
Pyrene, 1-methyl-	20.145	3.4	ng/ul	1599020	5	21.568	9510240	20.0
Fluoranthene, 2...	20.310	5.1	ng/ul	2426580	5	21.568	9510240	20.0
11H-Benzo[a]flu...	21.045	2.9	ng/ul	1354590	5	21.568	9510240	20.0
Benzo[b]naphtho...	21.204	4.7	ng/ul	2238260	5	21.568	9510240	20.0
Triphenylene	21.245	4.7	ng/ul	2209290	5	21.568	9510240	20.0
7H-Benz[de]anth...	21.339	3.5	ng/ul	1670820	5	21.568	9510240	20.0
Benz[a]anthrace...	22.162	3.6	ng/ul	1692940	5	21.568	9510240	20.0
Oxirane, heptad...	22.962	5.8	ng/ul	602535	6	24.115	2090240	20.0
(DEL) Alkane: S...	23.280	11.1	ng/ul	1163450	6	24.115	2090240	20.0
Benzo[e]pyrene	23.527	7.8	ng/ul	818548	6	24.115	2090240	20.0
Perylene	23.886	30.5	ng/ul	3184550	6	24.115	2090240	20.0
unknown-01	24.168	13.7	ng/ul	1430310	6	24.115	2090240	20.0
Tetradecanal	24.327	14.2	ng/ul	1485850	6	24.115	2090240	20.0
(DEL) Alkane: S...	24.727	34.1	ng/ul	3564100	6	24.115	2090240	20.0
1-Heptacosanol	24.856	33.3	ng/ul	3483910	6	24.115	2090240	20.0
Oxirane, hexade...	26.186	23.2	ng/ul	2427840	6	24.115	2090240	20.0
(DEL) Alkane: S...	26.709	8.8	ng/ul	924949	6	24.115	2090240	20.0
.gamma.-Sitosterol	27.791	25.8	ng/ul	2696760	6	24.115	2090240	20.0