

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014961.D
 Acq On : 04 May 2023 20:01
 Operator : CG/JU
 Sample : 02447-17 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937

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-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014961.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.305	659	666	677	rBV	84463	161121	0.96%	0.082%
2	7.687	725	731	739	rBV	95654	148610	0.88%	0.076%
3	8.163	805	812	821	rBV	1194402	1917410	11.38%	0.981%
4	8.875	926	933	940	rBV	87111	154954	0.92%	0.079%
5	10.610	1223	1228	1239	rVB	89220	160184	0.95%	0.082%
6	10.999	1284	1294	1300	rBV	1504180	2546639	15.11%	1.303%
7	11.052	1300	1303	1310	rVV	135623	206796	1.23%	0.106%
8	12.646	1567	1574	1584	rVB	87294	140718	0.84%	0.072%
9	12.863	1603	1611	1620	rVB	92044	150743	0.89%	0.077%
10	13.987	1791	1802	1810	rBV5	48453	133893	0.79%	0.068%
11	14.128	1820	1826	1831	rBV	109875	186193	1.11%	0.095%
12	14.204	1836	1839	1845	rVV	159761	236946	1.41%	0.121%
13	14.504	1883	1890	1892	rBV	193820	303990	1.80%	0.155%
14	14.534	1892	1895	1904	rVB	286863	429375	2.55%	0.220%
15	14.810	1931	1942	1947	rBV	1824821	2757824	16.37%	1.411%
16	14.869	1947	1952	1960	rVV	438069	676099	4.01%	0.346%
17	15.204	2002	2009	2016	rVB	264886	395901	2.35%	0.202%
18	15.798	2106	2110	2114	rVV	232716	331091	1.96%	0.169%
19	15.857	2114	2120	2127	rVV	448584	709279	4.21%	0.363%
20	16.151	2165	2170	2176	rVB2	174501	304753	1.81%	0.156%
21	16.292	2185	2194	2202	rVV	158090	348236	2.07%	0.178%
22	16.528	2231	2234	2239	rVB2	91029	129674	0.77%	0.066%
23	16.863	2279	2291	2295	rBV4	136814	340011	2.02%	0.174%
24	17.087	2321	2329	2333	rBV3	113244	235991	1.40%	0.121%
25	17.216	2346	2351	2357	rVB	265857	396570	2.35%	0.203%
26	17.286	2358	2363	2365	rBV	118803	181259	1.08%	0.093%
27	17.381	2375	2379	2386	rVB	294659	427345	2.54%	0.219%
28	17.563	2404	2410	2413	rBV	1756920	2566311	15.23%	1.313%
29	17.610	2413	2418	2423	rVV	6060363	8782055	52.12%	4.492%
30	17.663	2423	2427	2429	rVV2	289972	440368	2.61%	0.225%
31	17.698	2429	2433	2438	rVV	1576251	2221443	13.18%	1.136%
32	17.751	2438	2442	2447	rVB3	107243	198892	1.18%	0.102%
33	17.957	2470	2477	2482	rBV2	457101	766686	4.55%	0.392%
34	18.075	2493	2497	2503	rBV2	171388	234387	1.39%	0.120%
35	18.134	2503	2507	2515	rVB2	168468	271506	1.61%	0.139%
36	18.275	2527	2531	2538	rVB	78705	152318	0.90%	0.078%

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Min Area: 0.1 % of largest Peak

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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-BP050323.MA.M
 Title : SVOA CALIBRATION

37	18.422	2550	2556	2559	rVV	891802	1225541	7.27%	0.627%
38	18.463	2559	2563	2569	rVB	1143776	1578288	9.37%	0.807%
39	18.539	2570	2576	2581	rBV	441027	664338	3.94%	0.340%
40	18.610	2581	2588	2591	rBV2	1421401	2467160	14.64%	1.262%
41	18.639	2591	2593	2598	rVB	647525	791256	4.70%	0.405%
42	18.710	2600	2605	2608	rBV4	85606	145707	0.86%	0.075%
43	18.798	2615	2620	2624	rBV5	69508	130616	0.78%	0.067%
44	18.898	2631	2637	2640	rVV	732090	990019	5.88%	0.506%
45	18.939	2640	2644	2654	rVB	523191	729996	4.33%	0.373%
46	19.133	2673	2677	2681	rVB2	222336	248630	1.48%	0.127%
47	19.181	2681	2685	2688	rVB	184408	190739	1.13%	0.098%
48	19.216	2688	2691	2695	rVB	182403	221509	1.31%	0.113%
49	19.298	2699	2705	2710	rBV	535833	949713	5.64%	0.486%
50	19.363	2711	2716	2718	rBV2	193853	285598	1.69%	0.146%
51	19.439	2724	2729	2736	rBV2	751442	1180434	7.01%	0.604%
52	19.563	2743	2750	2755	rBV	11889027	16486707	97.85%	8.433%
53	19.610	2755	2758	2761	rVV	172307	207907	1.23%	0.106%
54	19.651	2761	2765	2769	rVB	300912	393319	2.33%	0.201%
55	19.698	2769	2773	2776	rBV2	151827	213073	1.26%	0.109%
56	19.739	2777	2780	2783	rVV2	175555	275241	1.63%	0.141%
57	19.792	2784	2789	2798	rVV3	447835	932897	5.54%	0.477%
58	19.880	2798	2804	2806	rVV3	2367099	3888270	23.08%	1.989%
59	19.916	2806	2810	2816	rVV	10593936	14776464	87.70%	7.558%
60	19.975	2816	2820	2826	rVB2	554805	828930	4.92%	0.424%
61	20.080	2833	2838	2843	rBV	626753	841266	4.99%	0.430%
62	20.145	2843	2849	2855	rVB	616814	980103	5.82%	0.501%
63	20.216	2855	2861	2868	rBV3	793963	1980331	11.75%	1.013%
64	20.275	2868	2871	2877	rVB	157873	202933	1.20%	0.104%
65	20.351	2878	2884	2885	rBV4	573944	846081	5.02%	0.433%
66	20.386	2886	2890	2894	rVB	1413332	2036420	12.09%	1.042%
67	20.428	2894	2897	2900	rBV2	147013	186391	1.11%	0.095%
68	20.480	2902	2906	2910	rBV	757098	1050361	6.23%	0.537%
69	20.539	2910	2916	2920	rVV2	1017435	1908362	11.33%	0.976%
70	20.575	2920	2922	2926	rVV	427927	520299	3.09%	0.266%
71	20.616	2926	2929	2934	rVV3	275452	406218	2.41%	0.208%
72	20.680	2936	2940	2943	rVV	682923	888447	5.27%	0.454%
73	20.722	2943	2947	2955	rBV2	718956	1106393	6.57%	0.566%
74	20.927	2978	2982	2983	rBV3	156939	217986	1.29%	0.111%
75	21.075	3004	3007	3010	rBV3	160885	234210	1.39%	0.120%
76	21.116	3010	3014	3020	rVB	1656590	2117302	12.57%	1.083%

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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-BP050323.MA.M
 Title : SVOA CALIBRATION

77	21.280	3035	3042	3045	rBV2	1352489	2531580	15.02%	1.295%
78	21.316	3045	3048	3052	rVV	1291545	1756652	10.43%	0.898%
79	21.363	3052	3056	3060	rVV2	1396112	2256100	13.39%	1.154%
80	21.410	3060	3064	3075	rVB2	1628513	2527120	15.00%	1.293%
81	21.522	3080	3083	3088	rVV	434586	677919	4.02%	0.347%
82	21.633	3092	3102	3108	rVV2	8238341	16849460	100.00%	8.618%
83	21.686	3108	3111	3121	rVB	6628617	9614865	57.06%	4.918%
84	21.816	3129	3133	3139	rBV	1233903	1896343	11.25%	0.970%
85	21.874	3139	3143	3146	rBV4	339303	528180	3.13%	0.270%
86	21.986	3158	3162	3168	rBV2	970256	1513995	8.99%	0.774%
87	22.039	3168	3171	3175	rVV3	218871	305225	1.81%	0.156%
88	22.257	3202	3208	3212	rVV	1007140	1695842	10.06%	0.867%
89	22.316	3215	3218	3223	rVB	610397	850135	5.05%	0.435%
90	22.486	3243	3247	3251	rBV	539402	953854	5.66%	0.488%
91	22.592	3261	3265	3271	rVB2	537780	872557	5.18%	0.446%
92	23.139	3353	3358	3373	rVB3	491008	1430095	8.49%	0.731%
93	23.451	3403	3411	3417	rBV	5313422	14598958	86.64%	7.467%
94	23.645	3439	3444	3451	rVB	992487	1804202	10.71%	0.923%
95	24.021	3501	3508	3519	rVV	3113208	6871738	40.78%	3.515%
96	24.133	3520	3527	3535	rVB	4629342	9929989	58.93%	5.079%
97	24.251	3541	3547	3552	rBV2	1331159	3045607	18.08%	1.558%
98	24.304	3552	3556	3565	rVB	1508753	3379552	20.06%	1.729%
99	27.010	4006	4016	4030	rVB2	2392445	8448397	50.14%	4.321%
100	27.862	4152	4161	4182	rVB	1663363	6102736	36.22%	3.121%

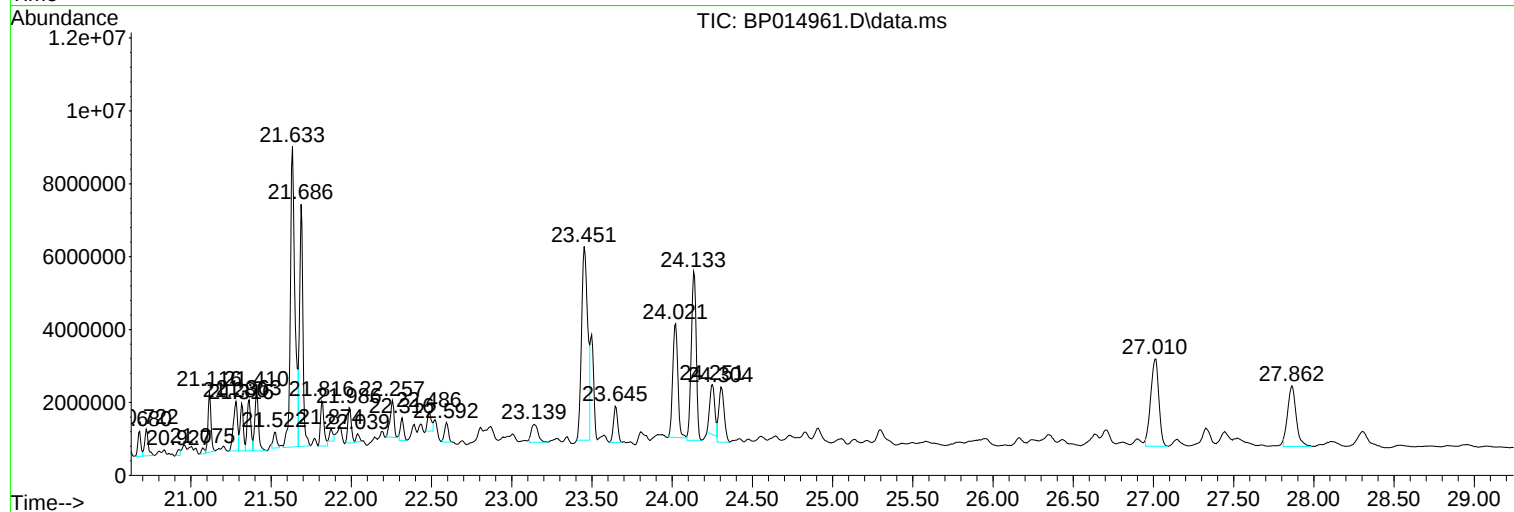
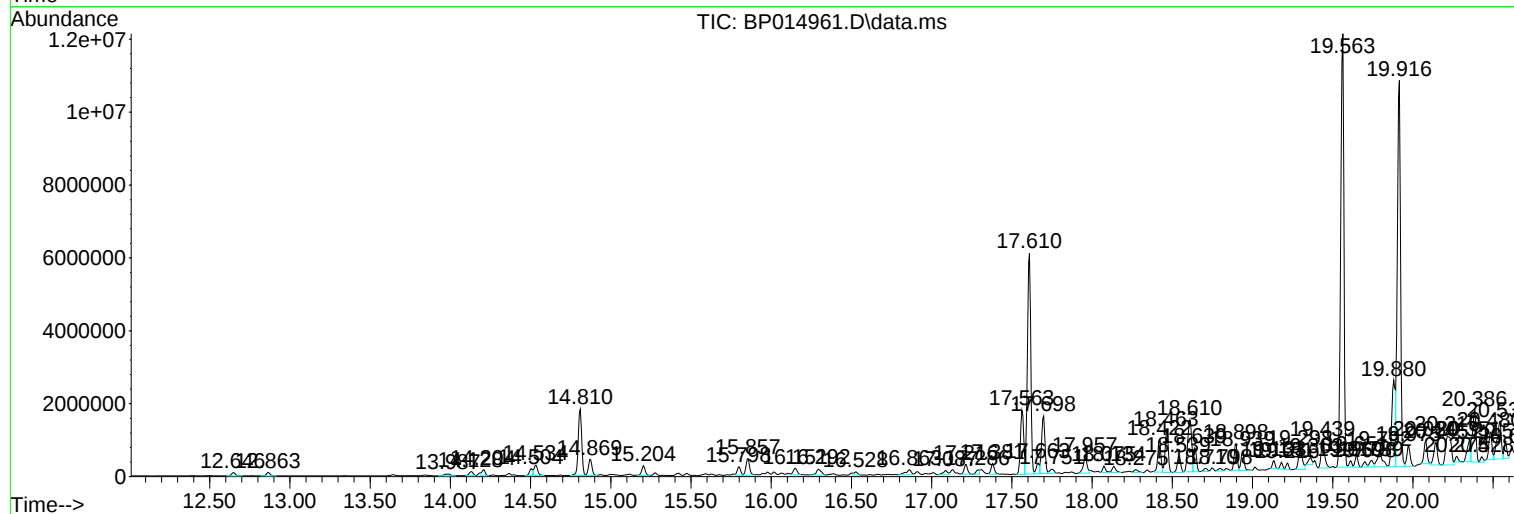
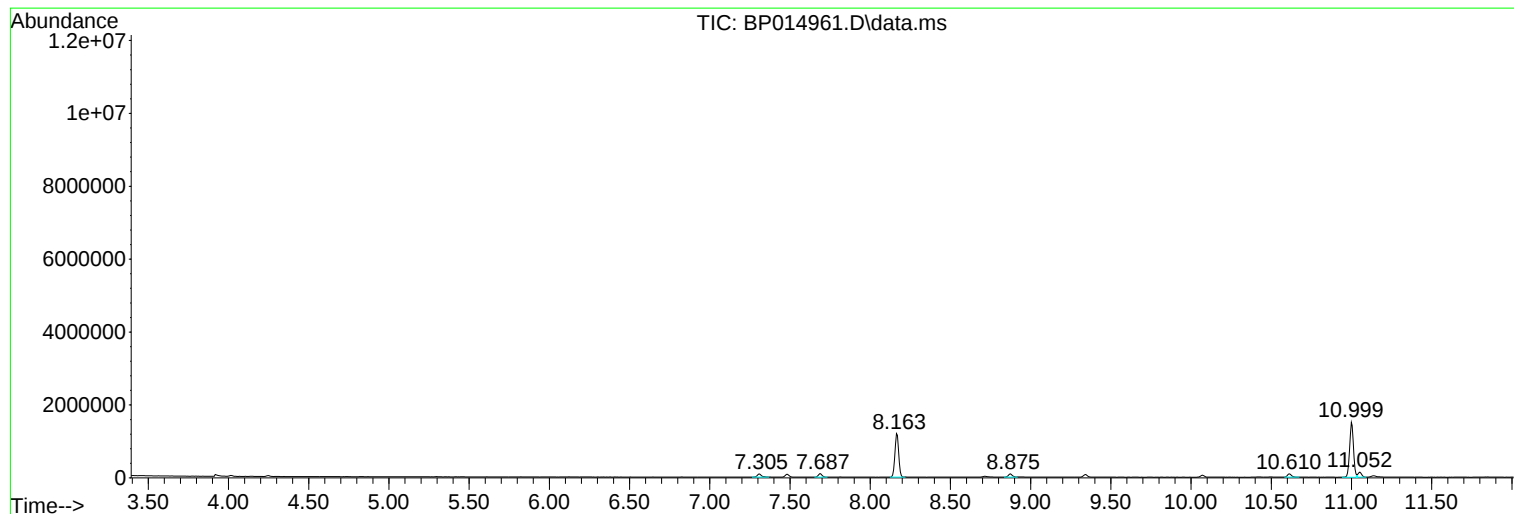
Sum of corrected areas: 195512127

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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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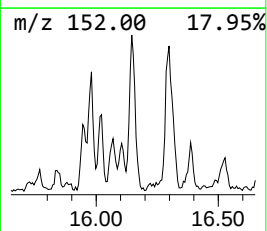
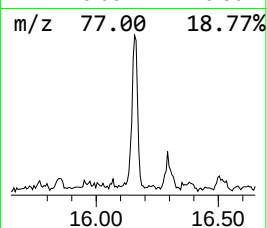
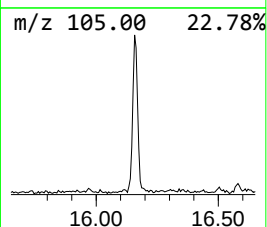
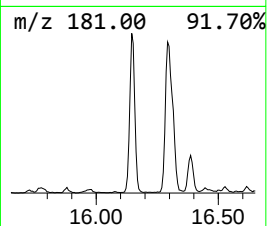
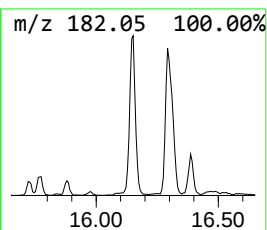
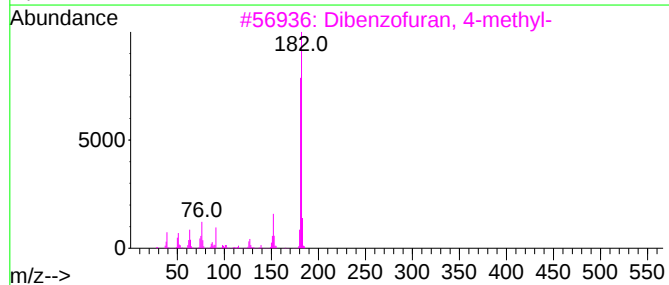
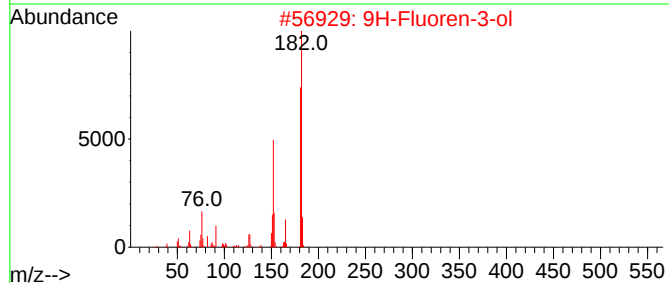
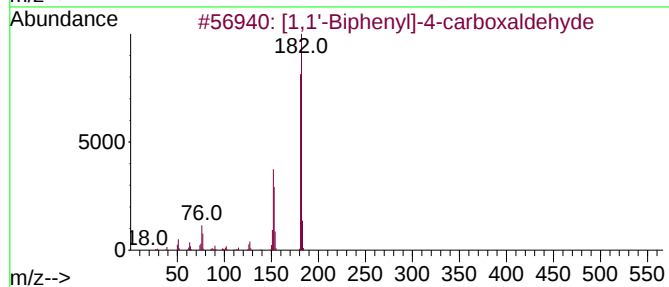
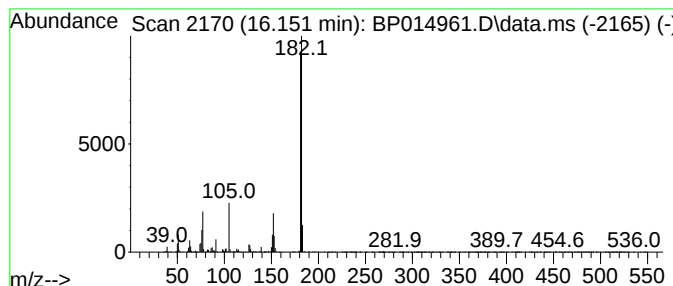
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.151	2.21 ng/ul	304753	Acenaphthene-d10	14.810

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2		9H-Fluoren-3-ol	182	C13H10O	006344-67-8	80
3		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	80
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
5		Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	58



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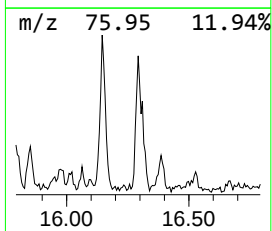
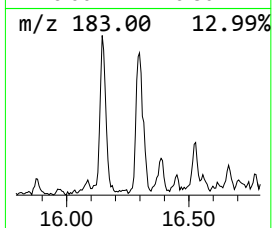
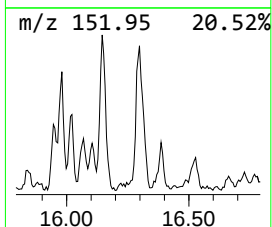
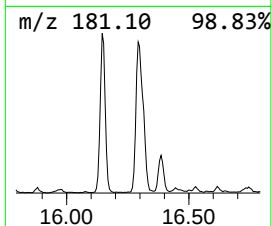
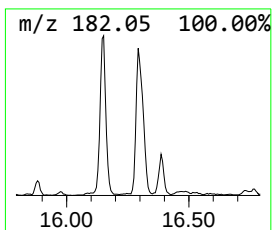
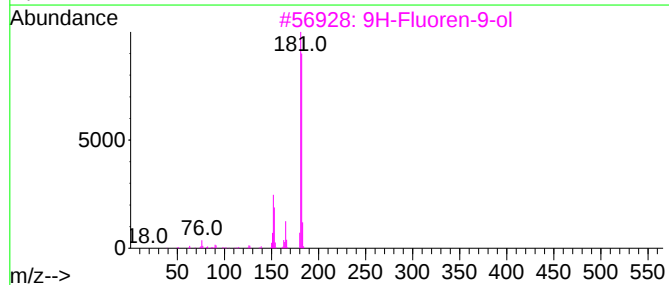
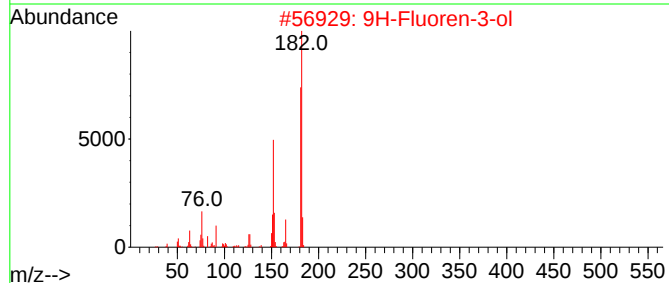
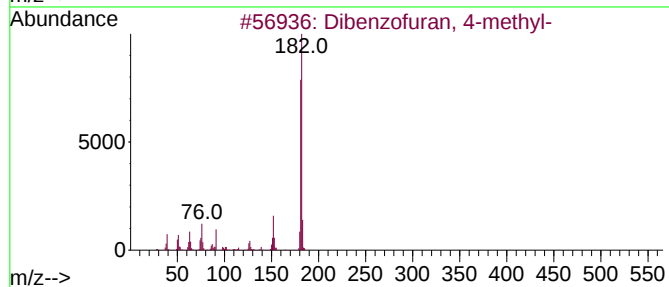
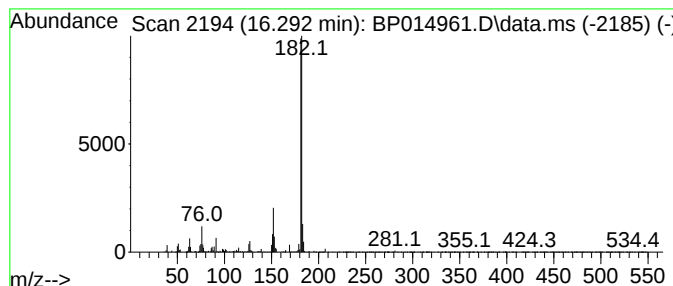
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.292	2.71 ng/ul	348236	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	74



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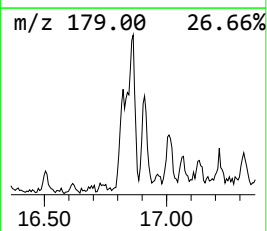
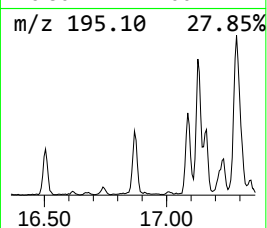
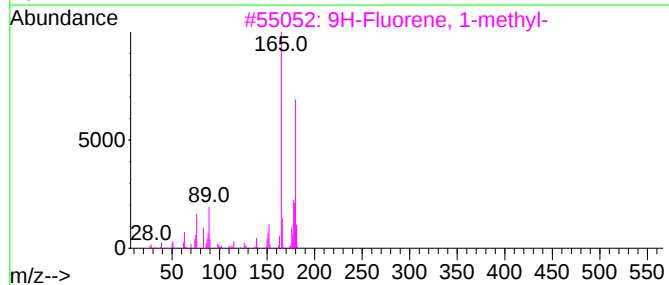
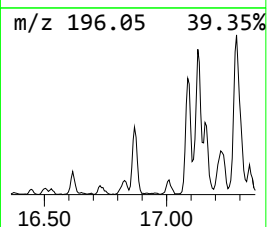
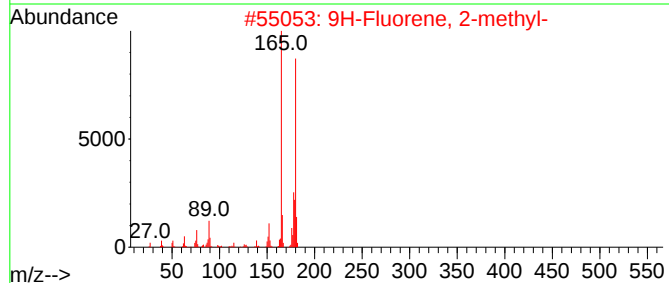
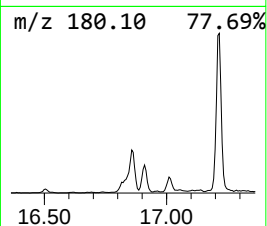
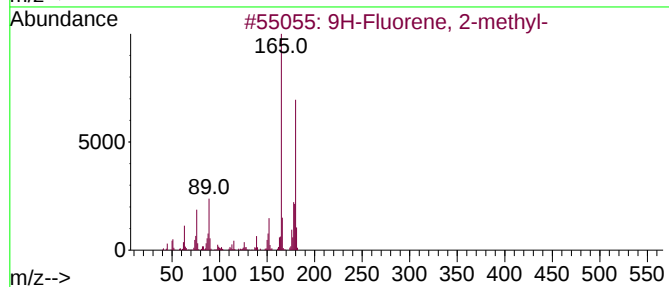
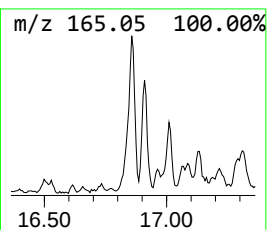
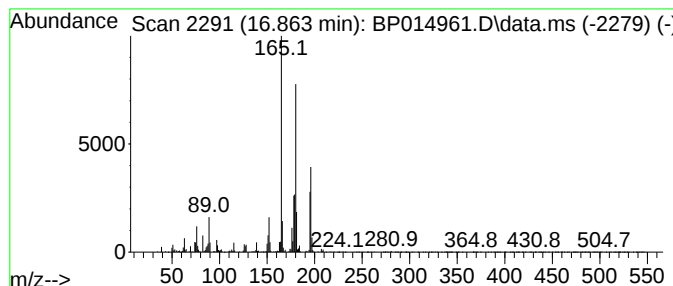
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.863	2.65 ng/ul	340011	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
2	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	93
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	91
4	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	83
5	4a,9a-Methano-9H-fluorene			180	C14H12	019540-84-2	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937

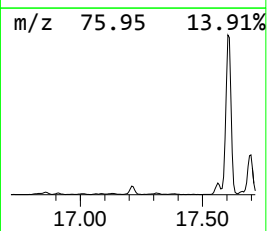
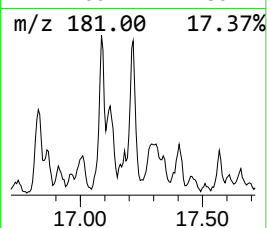
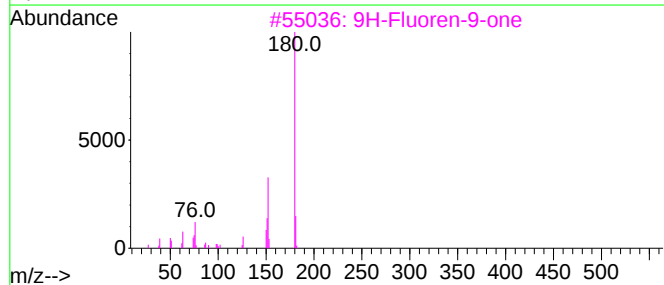
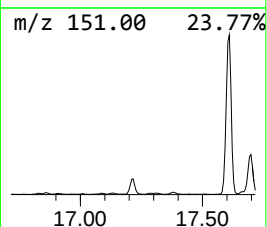
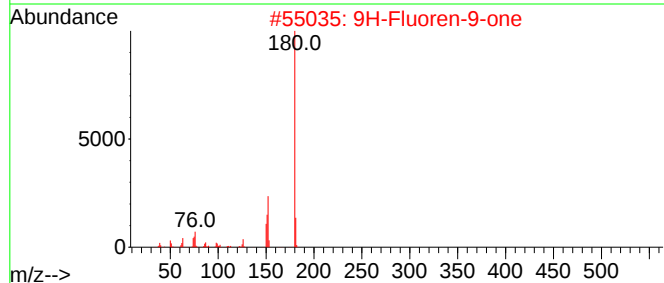
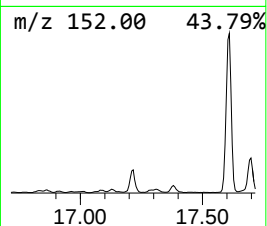
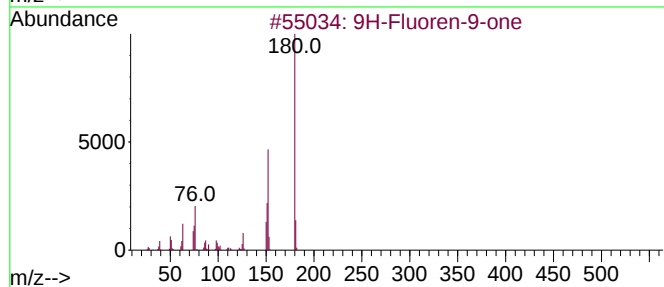
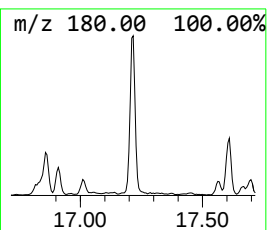
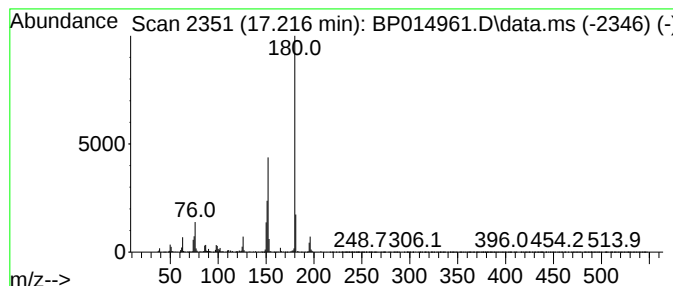
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.216	3.09 ng/ul	396570	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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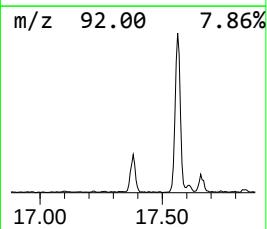
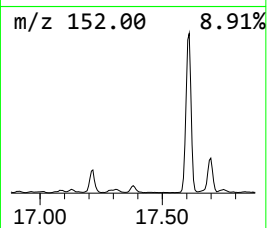
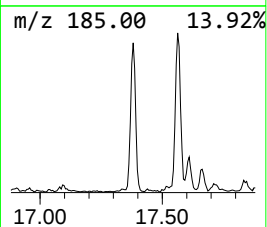
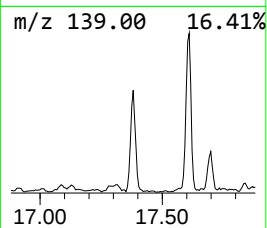
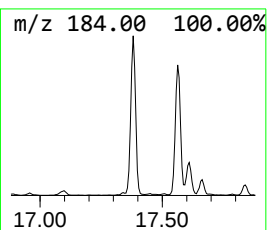
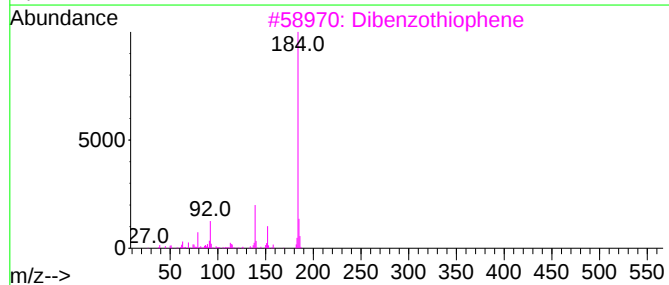
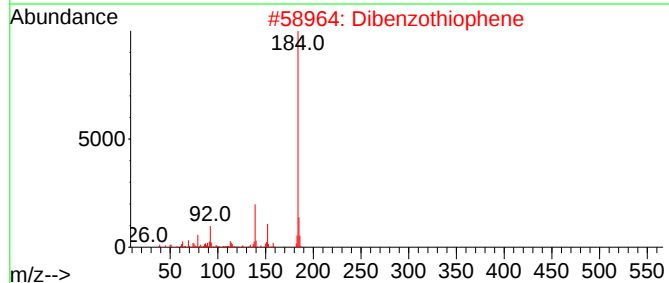
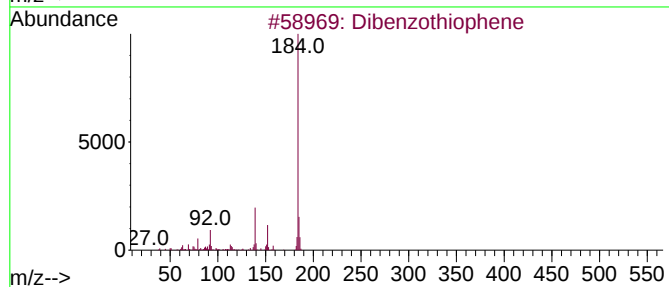
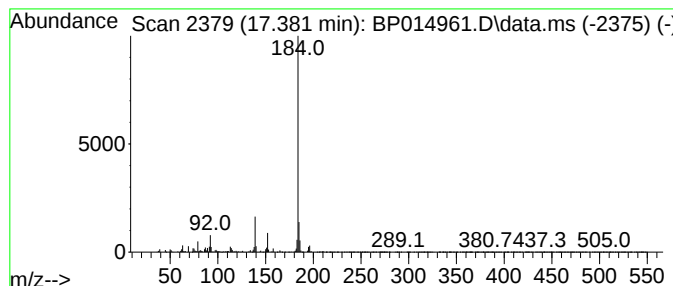
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.381	3.33 ng/ul	427345	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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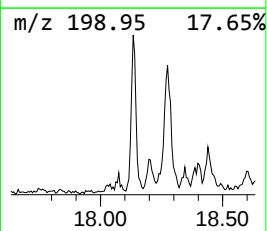
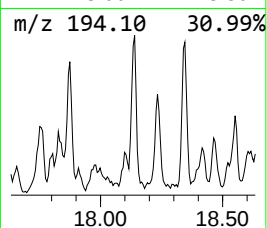
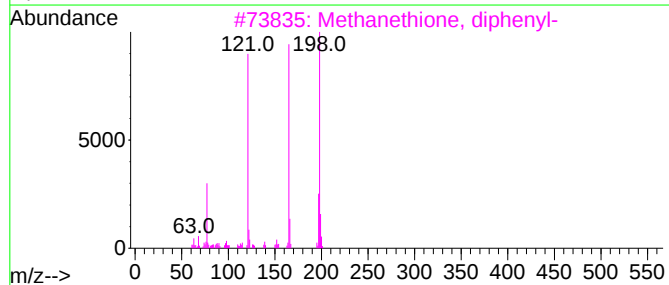
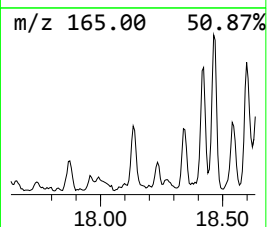
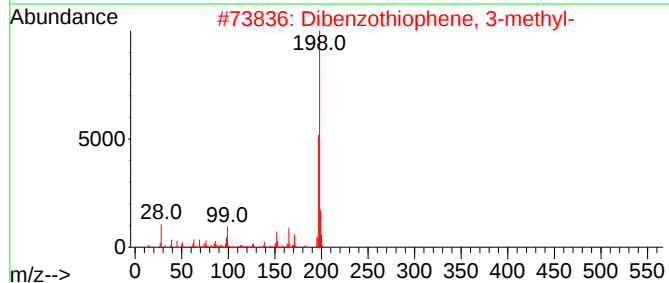
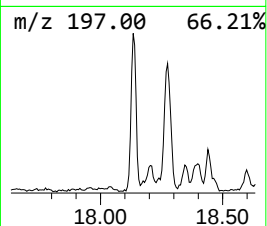
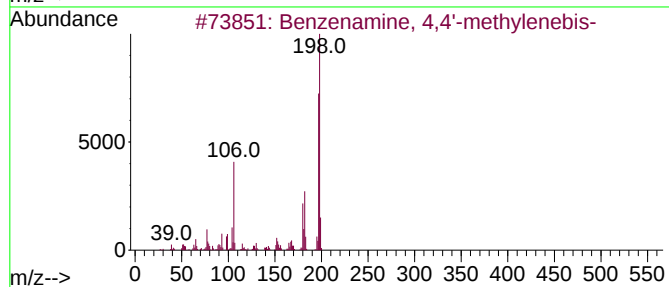
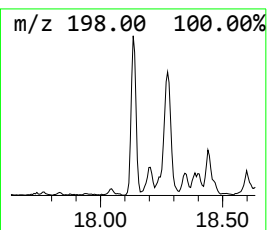
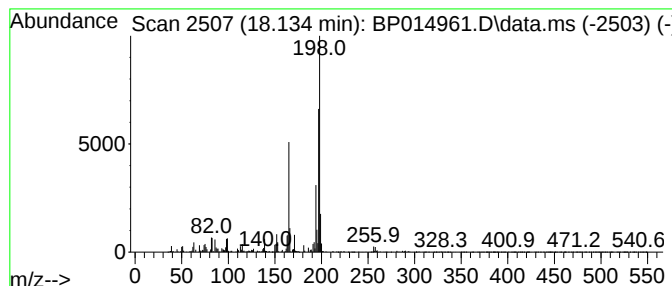
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzenamine, 4,4'-methylene... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	2.12 ng/ul	271506	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	64
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
3			Methanethione, diphenyl-	198	C13H10S	001450-31-3	59
4			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
5			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	52



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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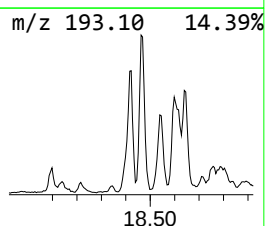
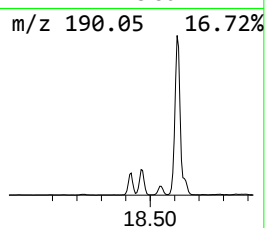
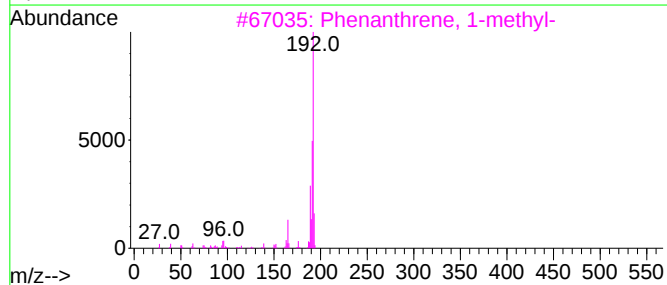
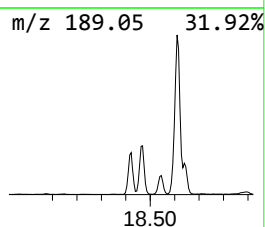
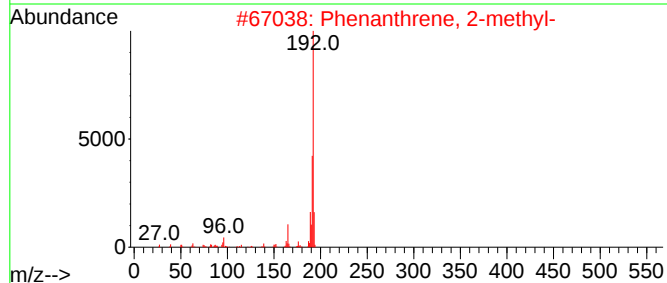
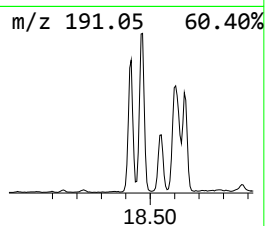
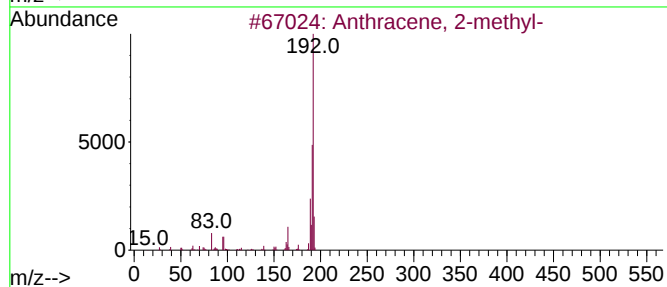
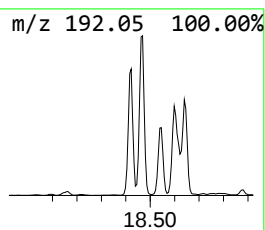
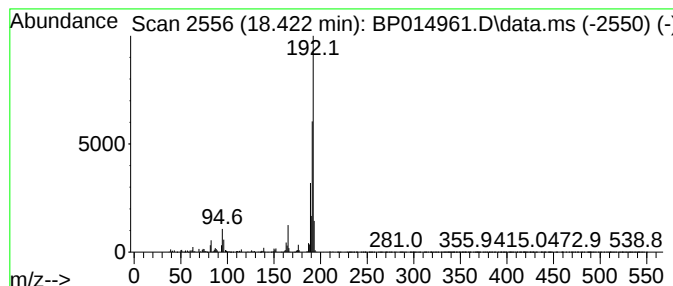
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	9.55 ng/ul	1225540	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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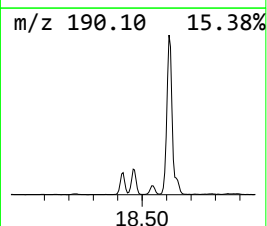
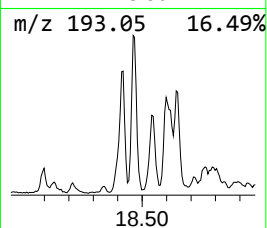
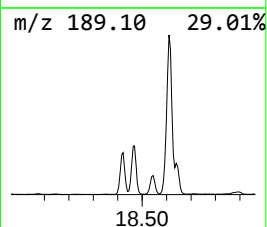
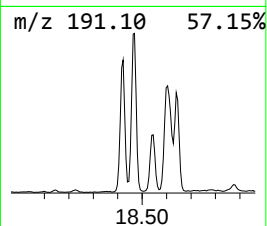
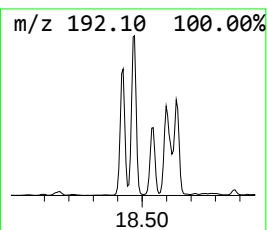
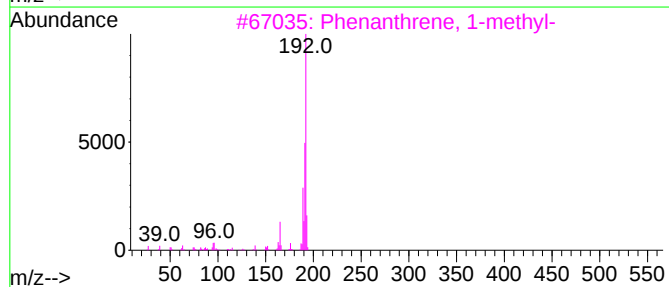
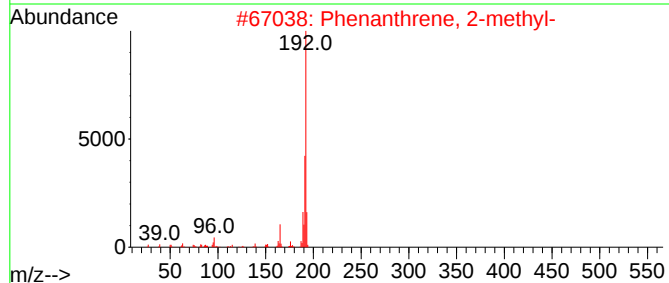
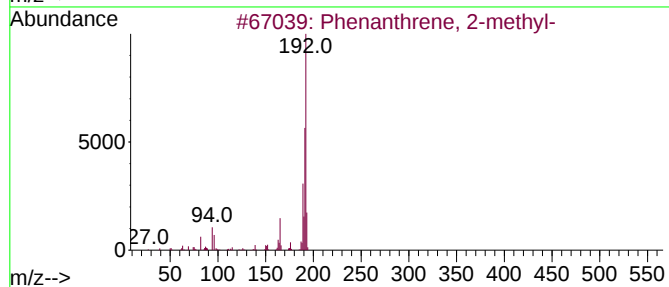
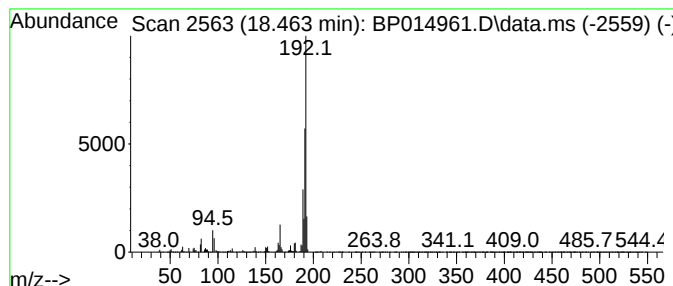
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	12.30 ng/ul	1578290	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 20:01
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Misc :
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ClientSampleId :
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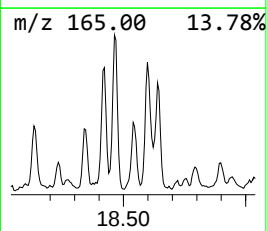
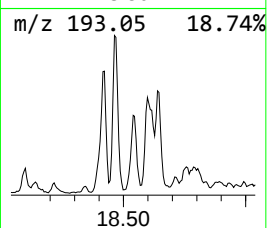
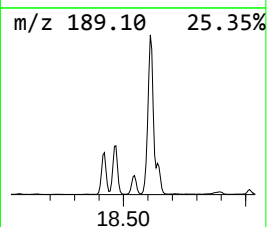
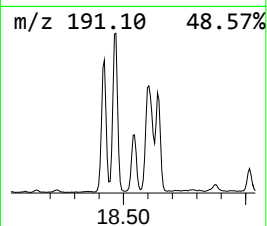
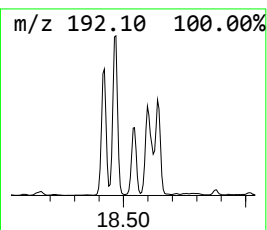
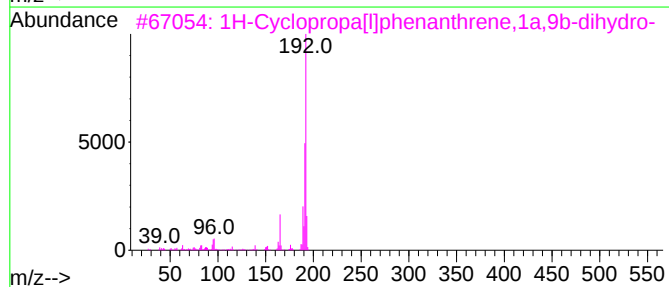
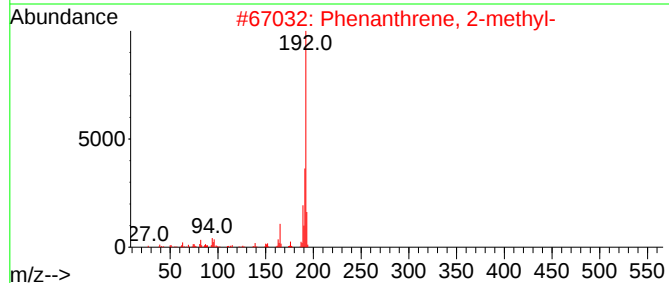
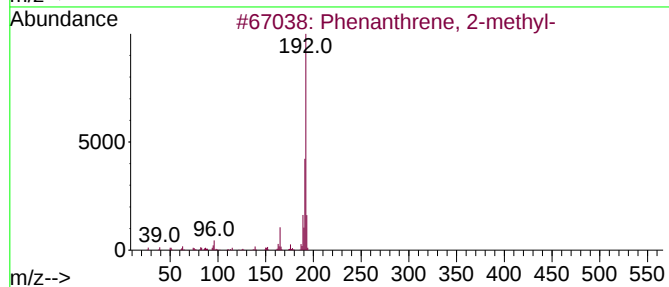
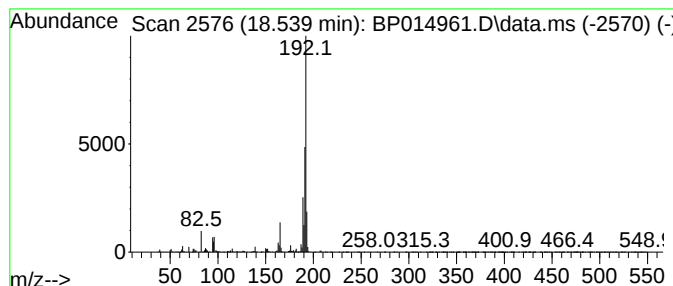
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	5.18 ng/ul	664338	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
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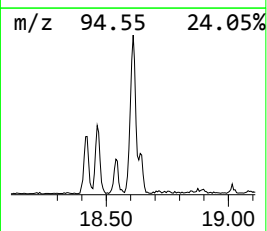
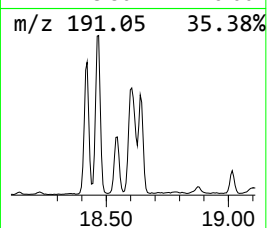
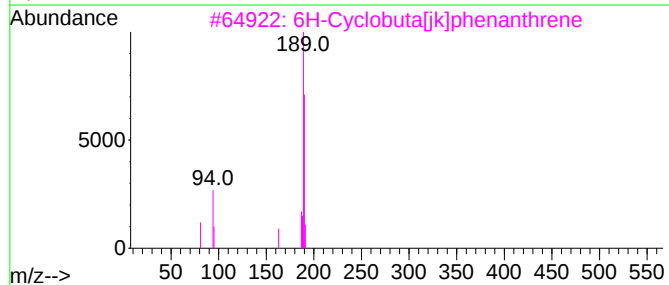
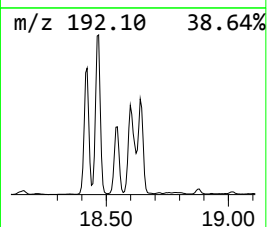
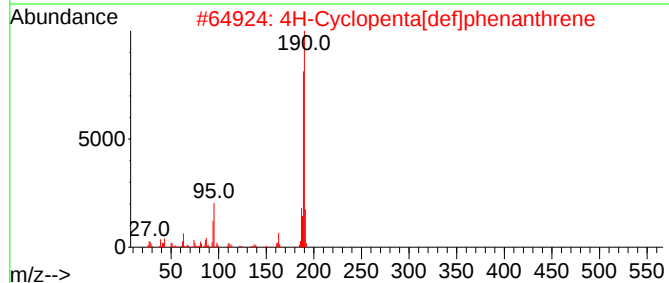
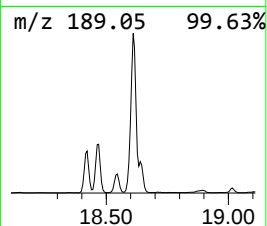
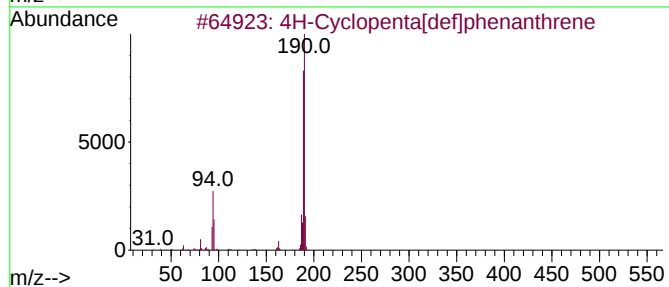
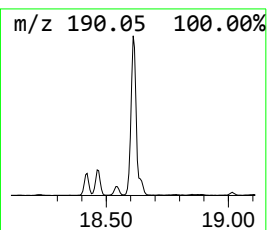
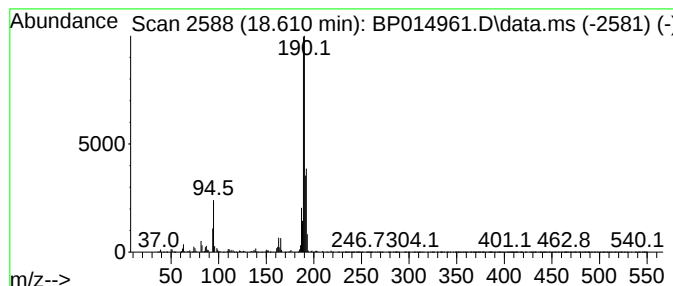
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ClientSampleId :
EW937

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Quant Title : SVOA CALIBRATION

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

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.610	19.23 ng/ul	2467160	Phenanthrene-d10			17.563
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	64
3	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	59
4	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...		190	C12H14O2	007072-01-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937

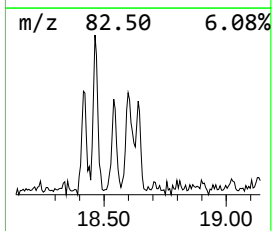
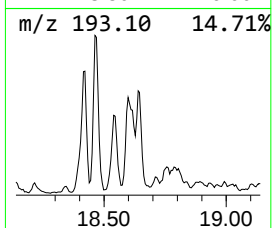
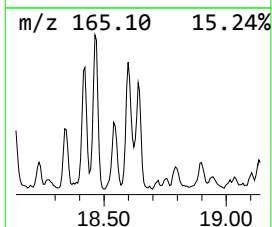
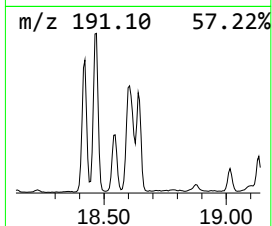
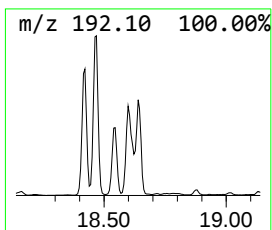
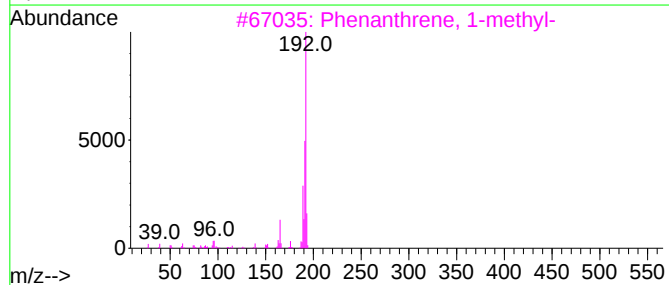
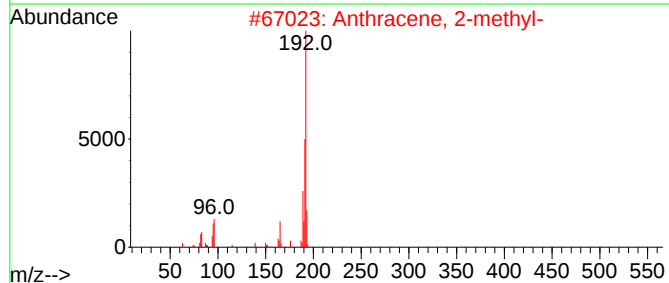
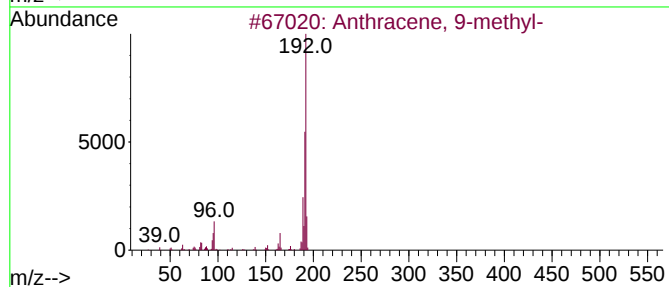
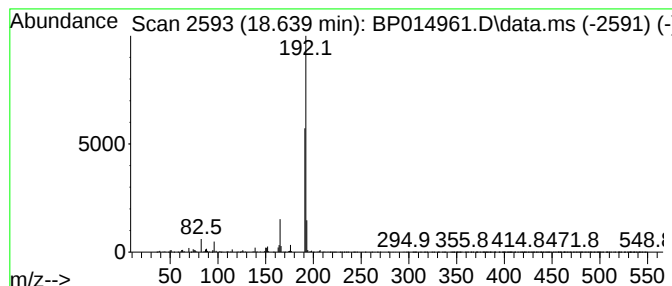
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Anthracene, 9-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	6.17 ng/ul	791256	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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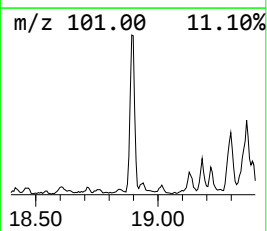
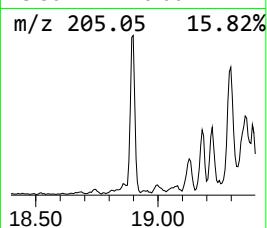
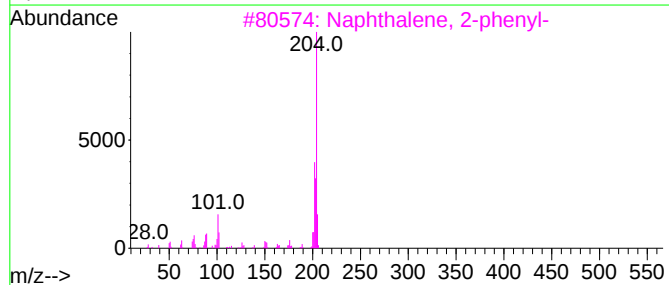
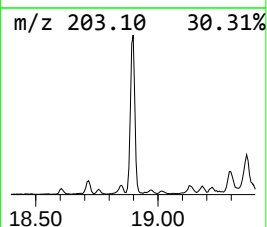
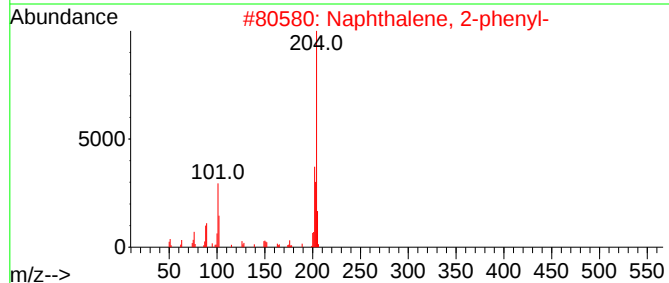
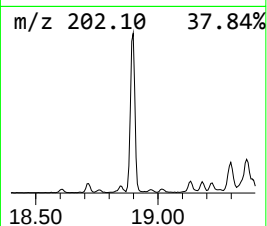
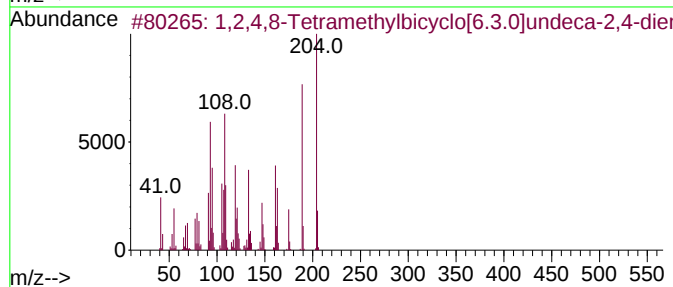
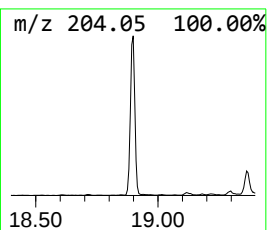
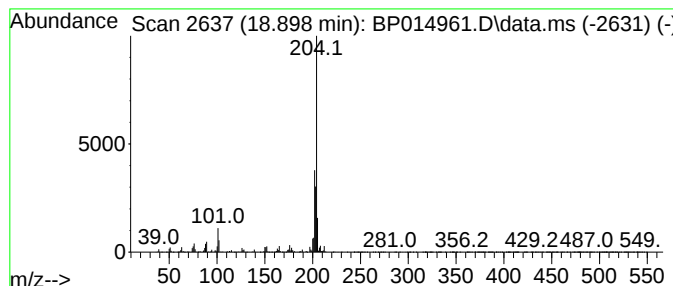
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 1,2,4,8-Tetramethylbicyclo[... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	7.72 ng/ul	990019	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	90	
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90	
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90	
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81	
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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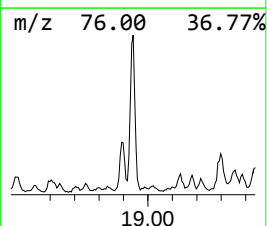
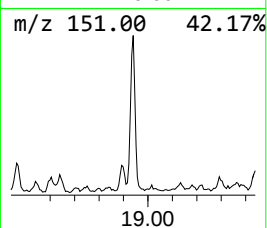
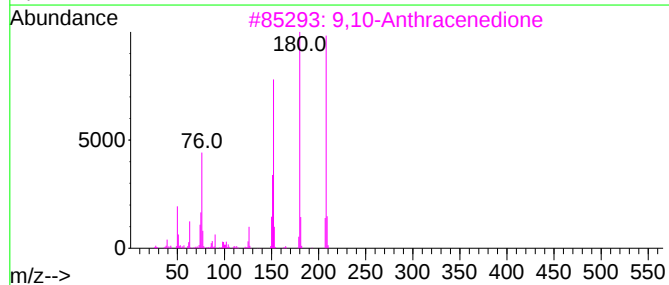
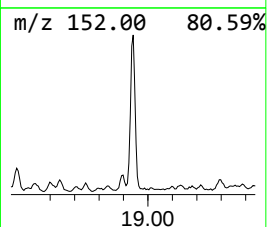
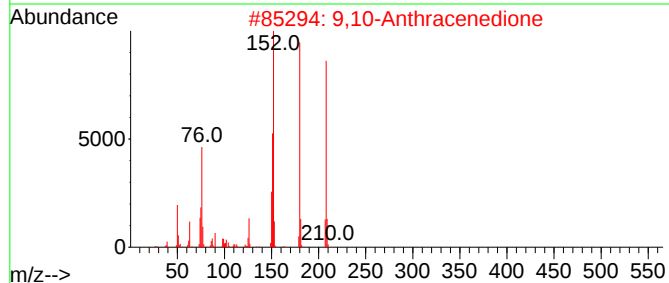
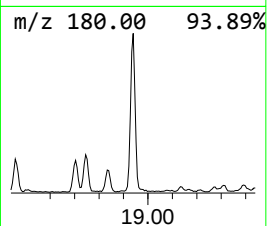
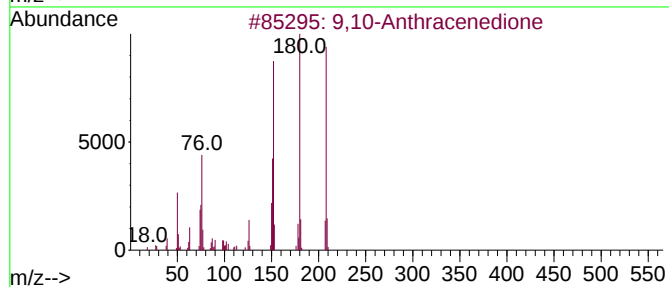
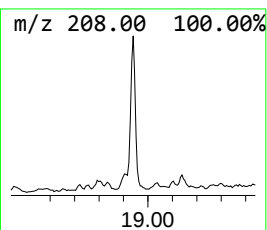
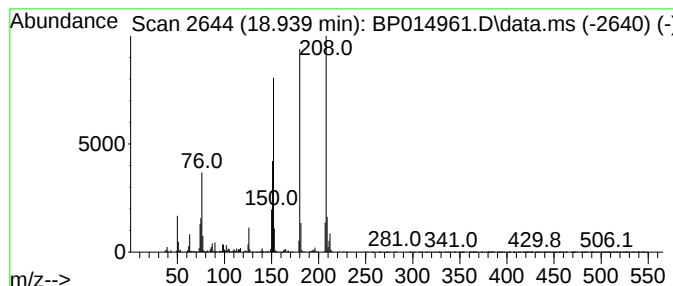
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	5.69 ng/ul	729996	Phenanthrene-d10	17.563

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	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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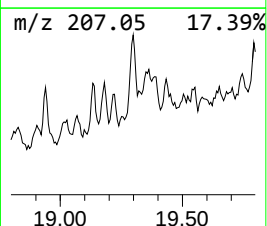
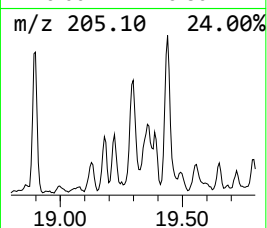
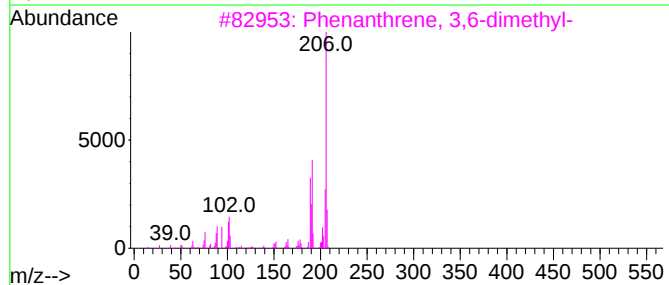
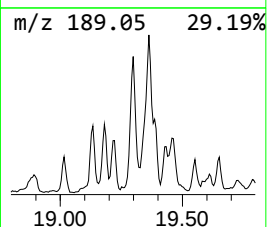
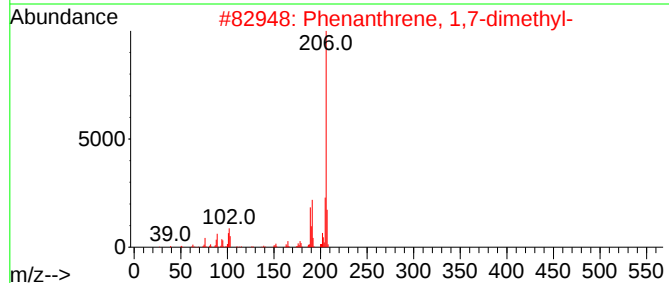
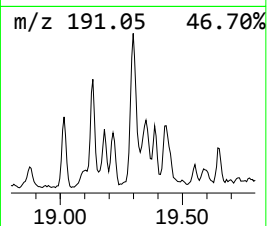
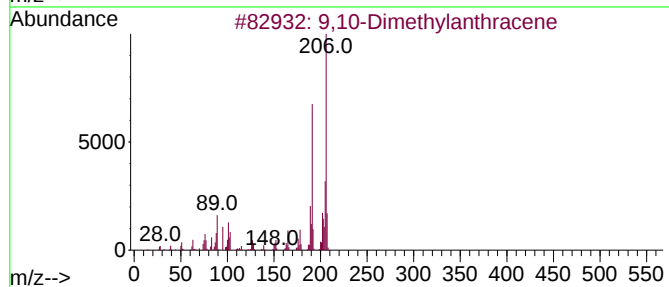
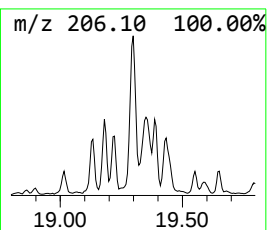
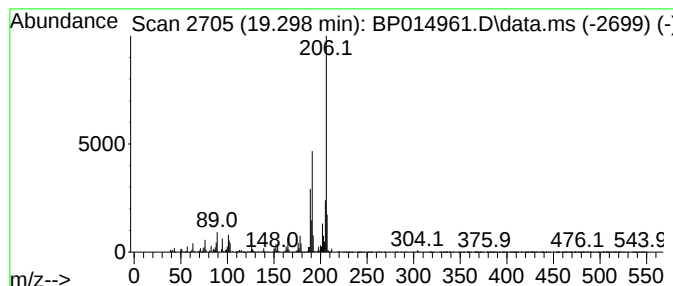
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9,10-Dimethylantracene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.298	7.40 ng/ul	949713	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Dimethylantracene	206	C16H14	000781-43-1	93
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5		Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

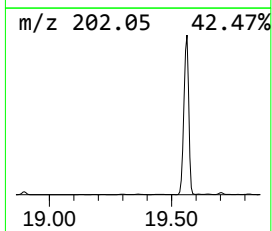
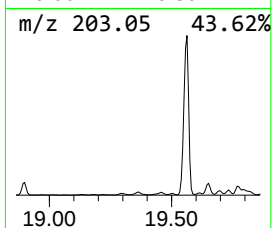
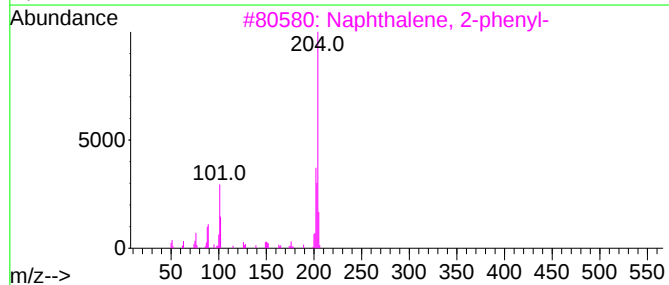
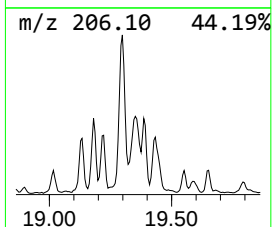
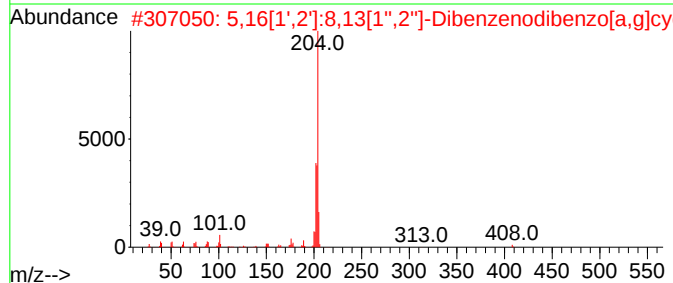
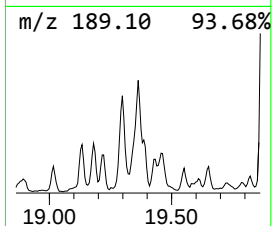
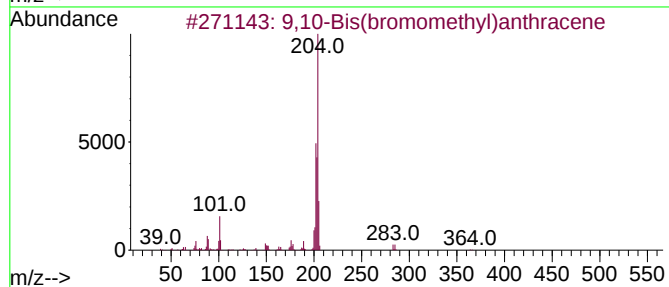
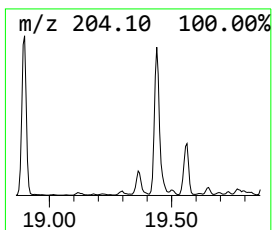
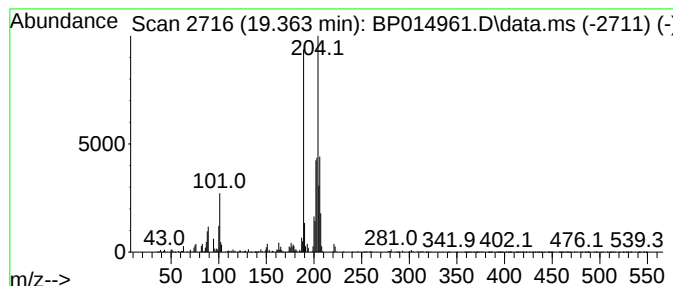
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TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown-01

Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.363	2.23 ng/ul	285598	Phenanthrene-d10	17.563

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49		
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	41		
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	38		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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ClientSampleId :
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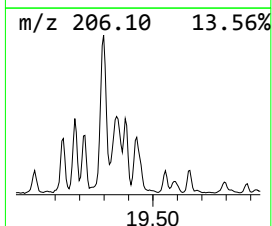
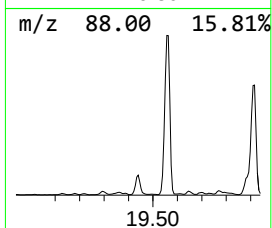
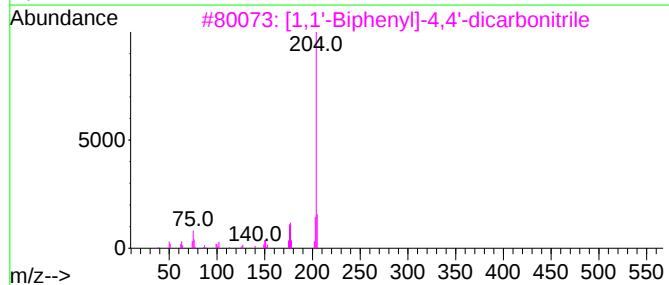
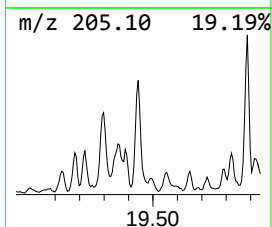
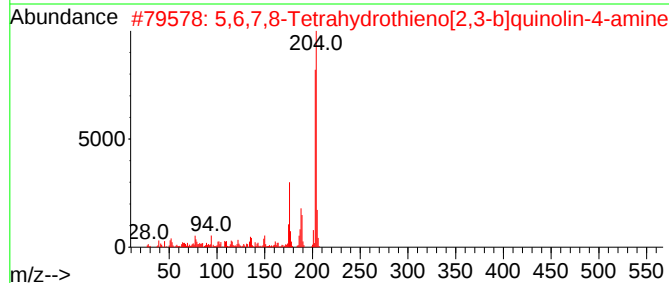
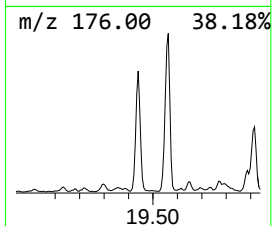
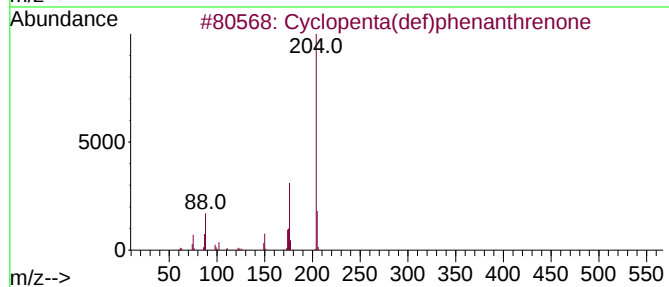
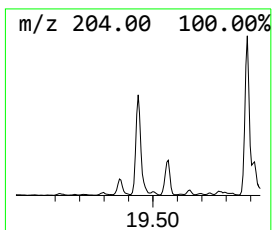
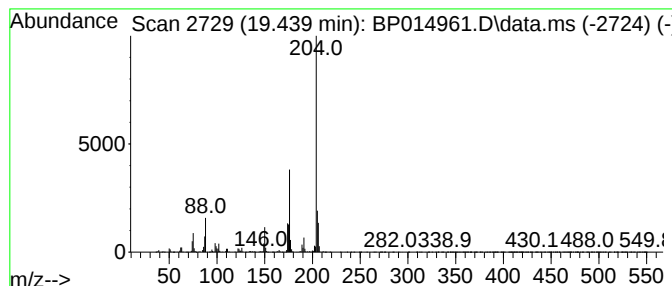
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.439	9.20 ng/ul	1180430	Phenanthrene-d10	17.563

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2		5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
3		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
4		9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	52
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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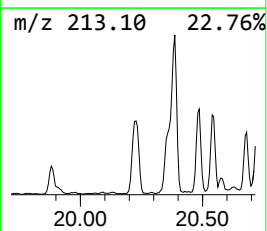
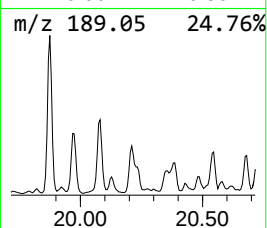
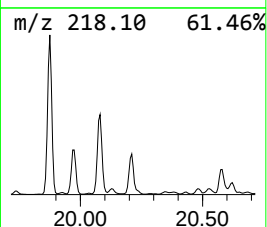
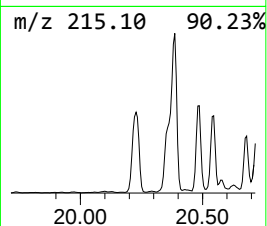
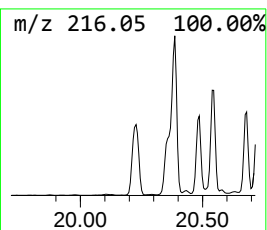
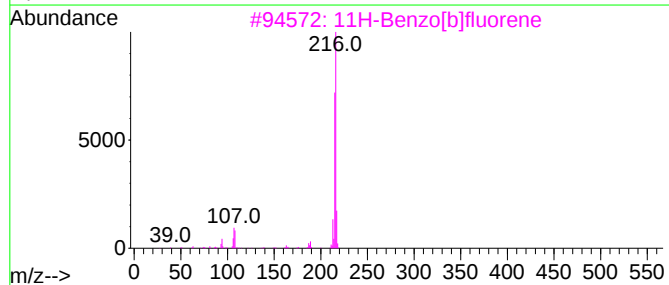
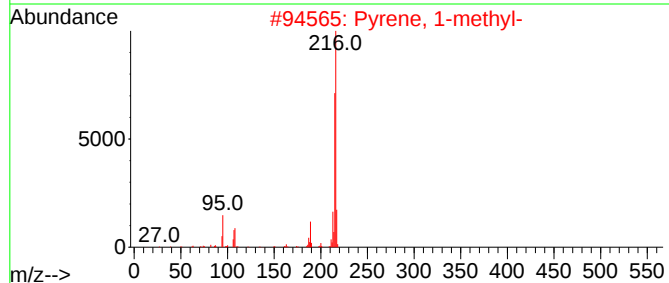
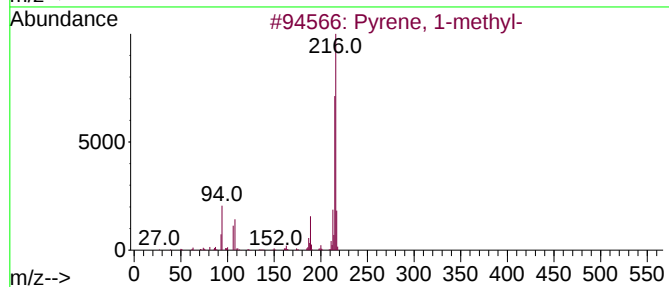
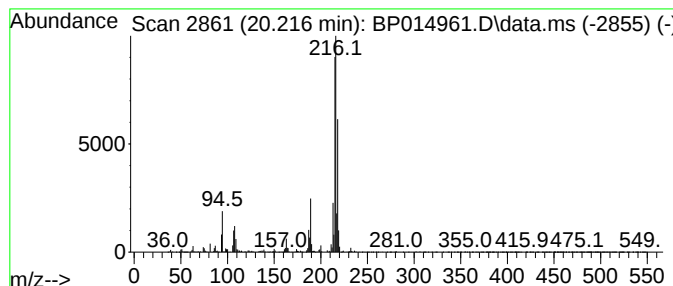
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	2.35 ng/ul	1980330	Chrysene-d12	21.645

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	76
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



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ClientSampleId :
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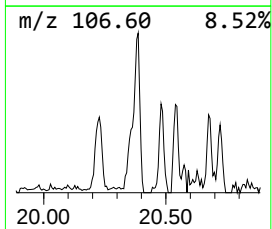
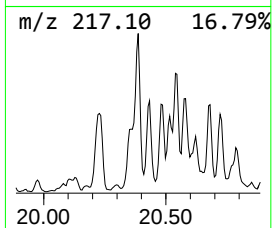
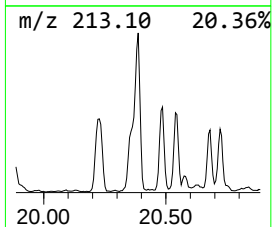
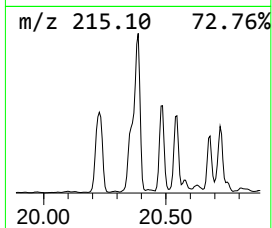
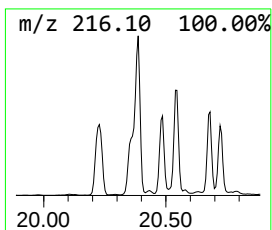
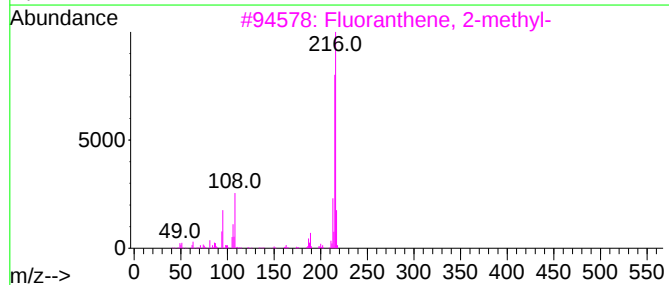
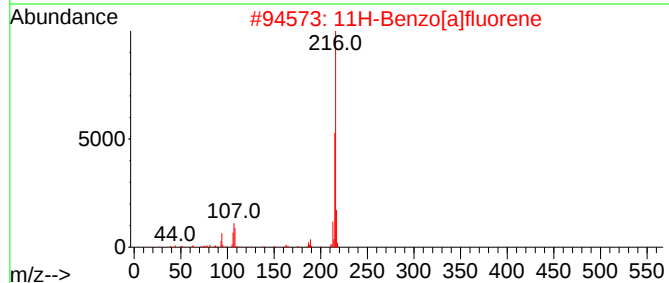
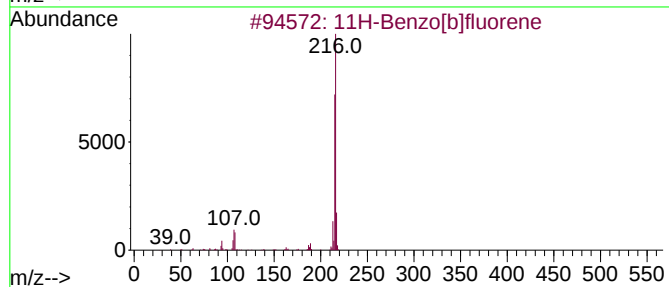
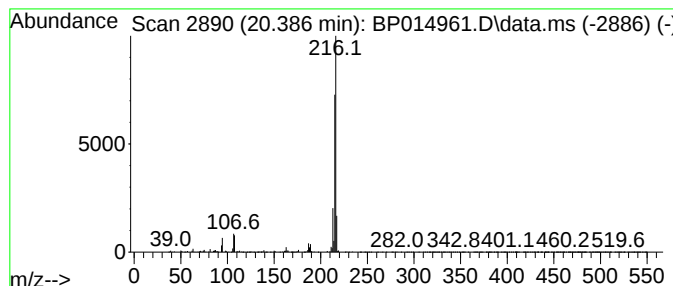
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	2.42 ng/ul	2036420	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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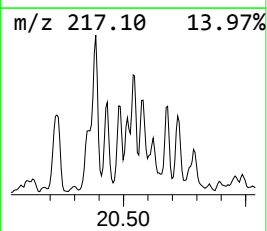
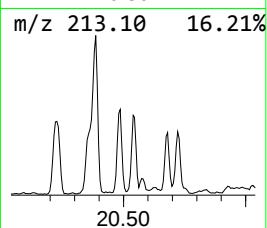
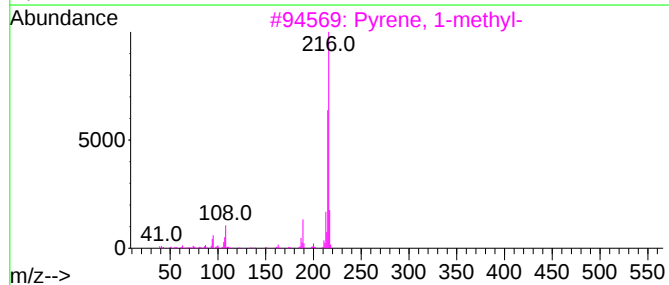
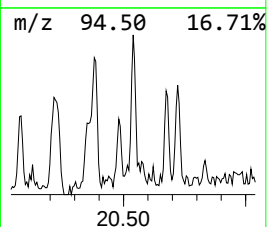
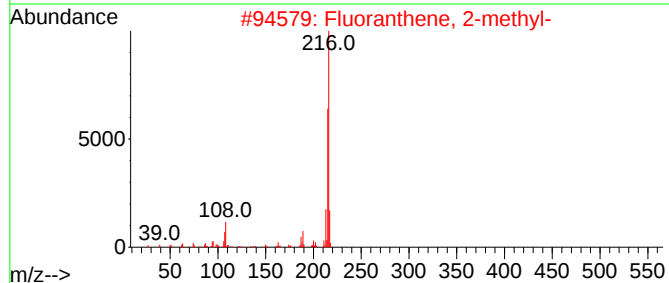
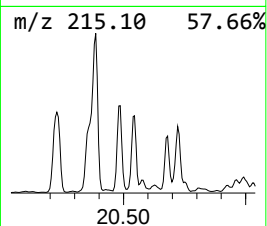
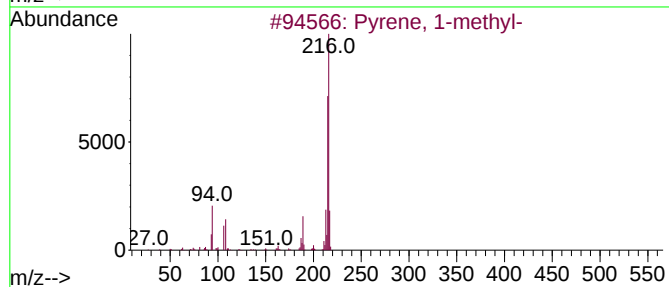
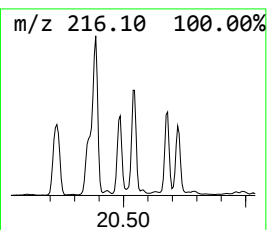
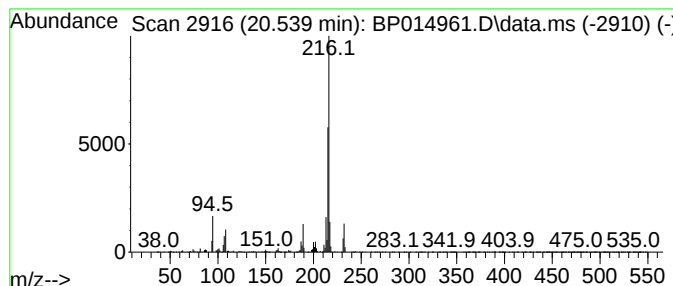
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.539	2.27 ng/ul	1908360	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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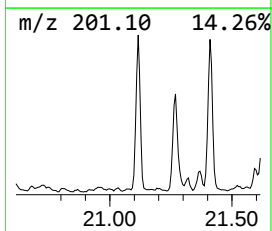
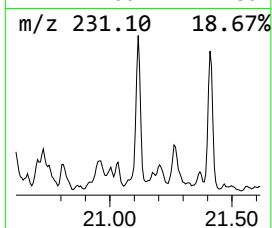
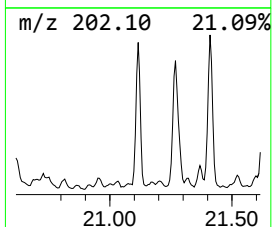
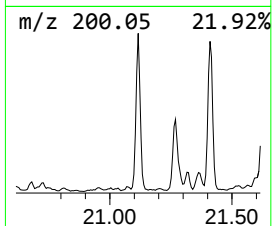
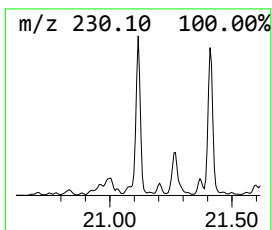
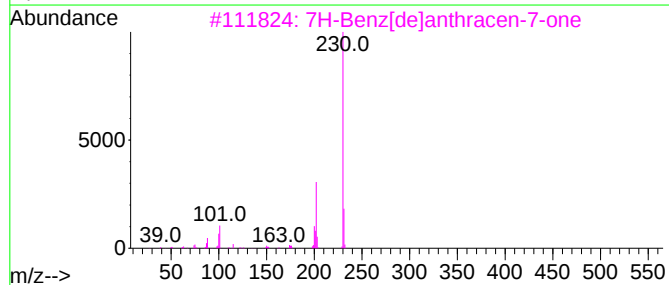
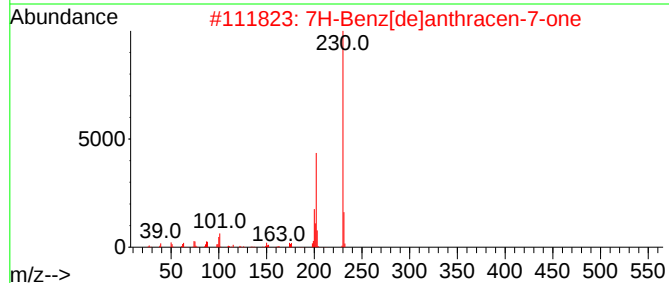
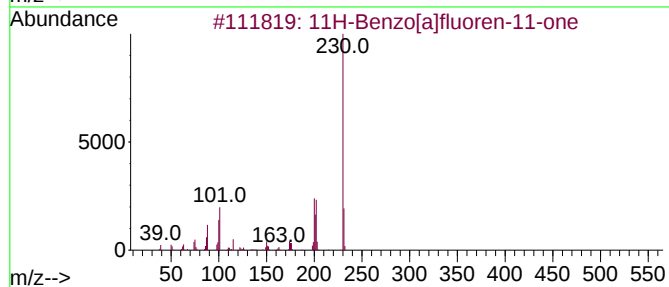
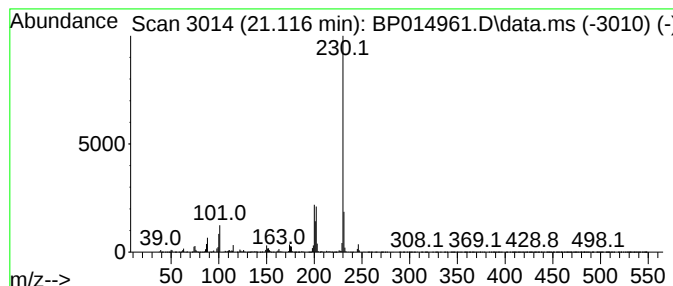
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.116	2.51 ng/ul	2117300	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
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	89
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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Operator : CG/JU
Sample : 02447-17 10X
Misc :
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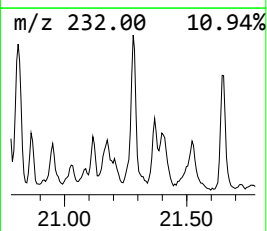
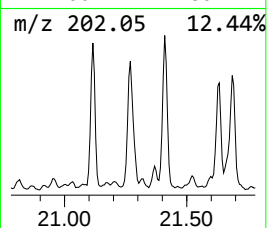
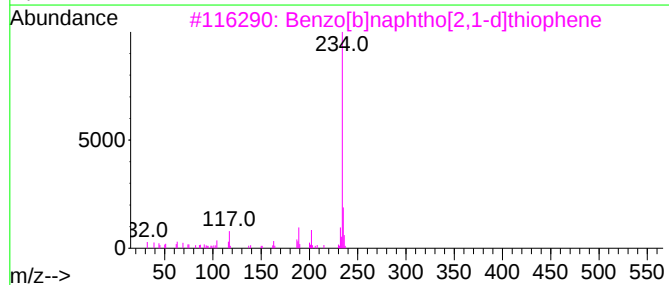
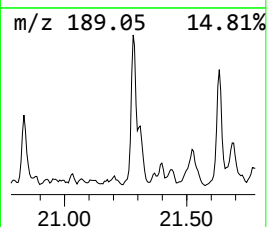
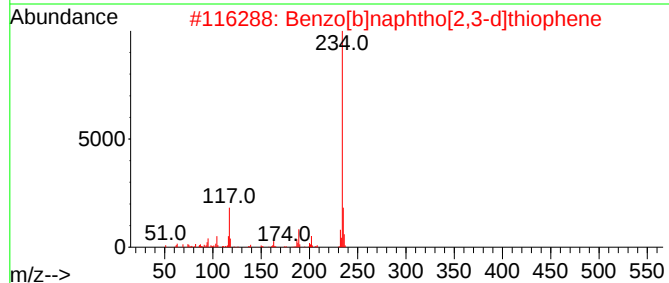
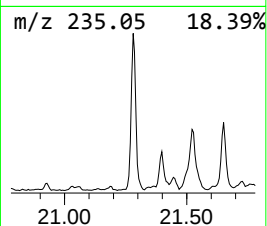
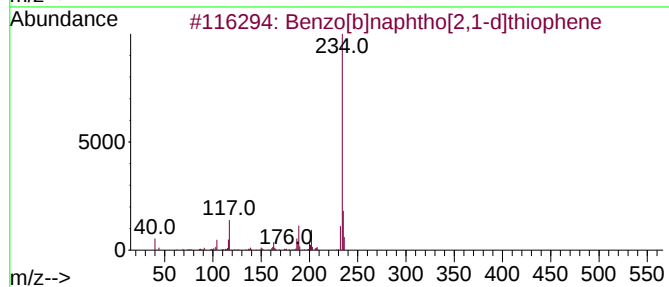
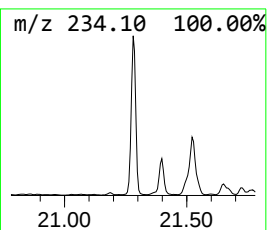
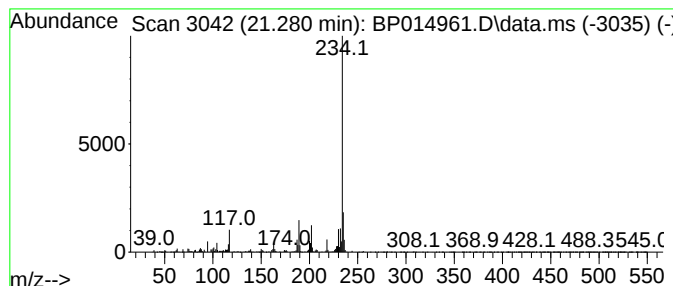
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.280	3.00 ng/ul	2531580	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
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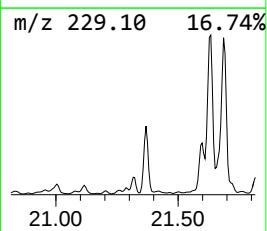
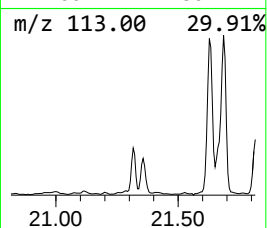
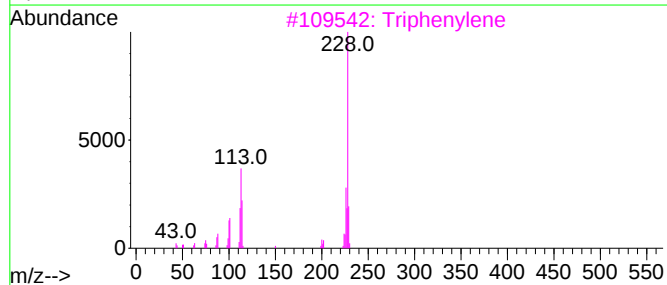
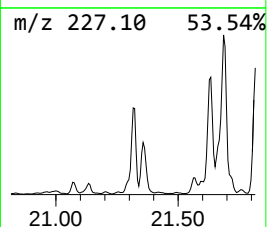
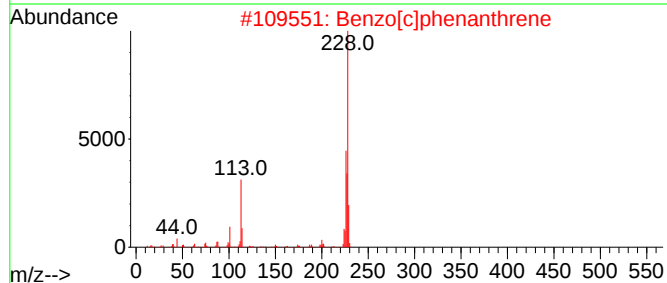
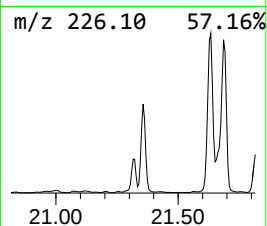
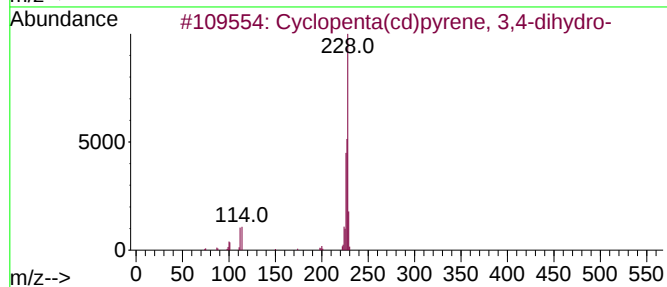
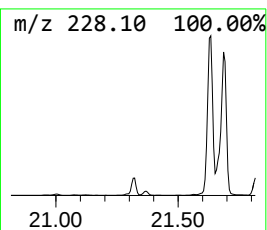
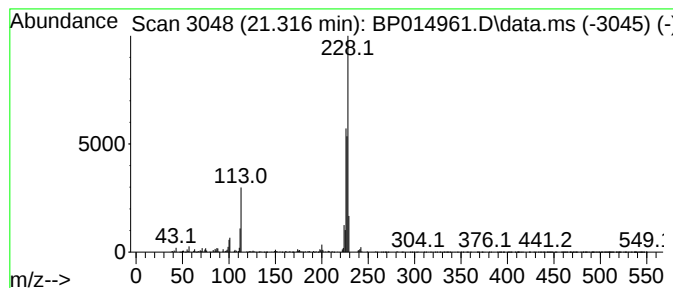
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	2.09 ng/ul	1756650	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	83
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3			Triphenylene	228	C18H12	000217-59-4	60
4			Triphenylene	228	C18H12	000217-59-4	55
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
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ALS Vial : 20 Sample Multiplier: 1

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ClientSampleId :
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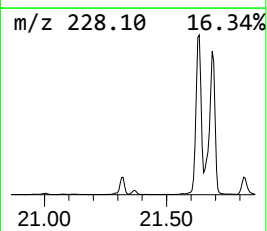
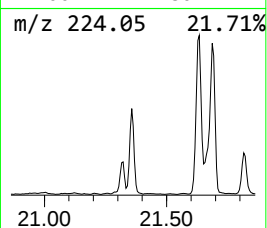
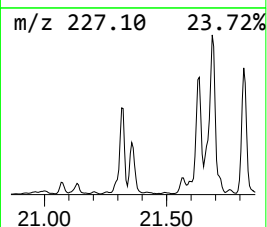
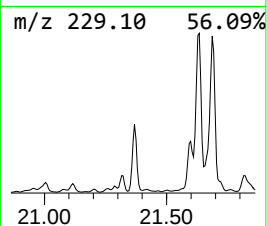
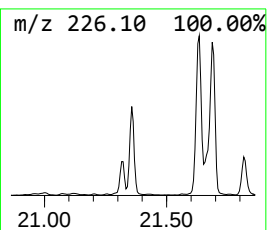
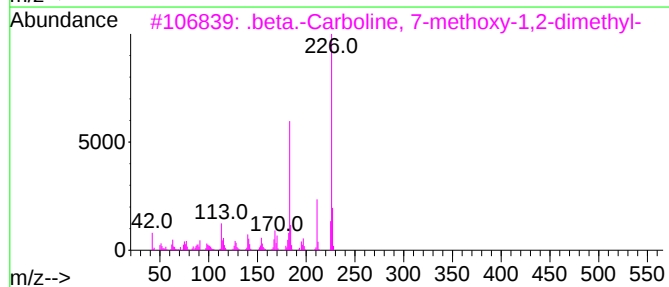
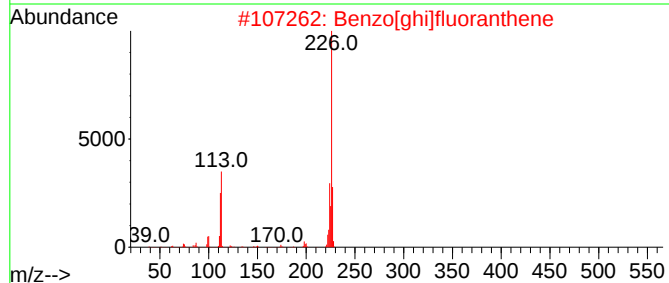
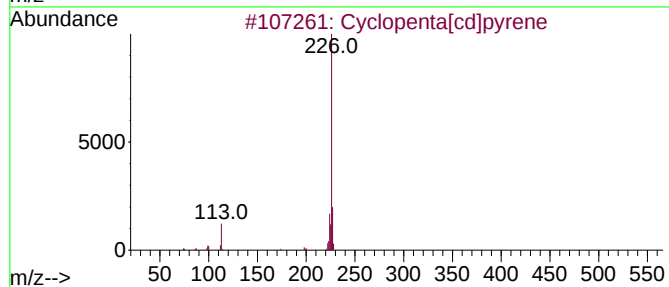
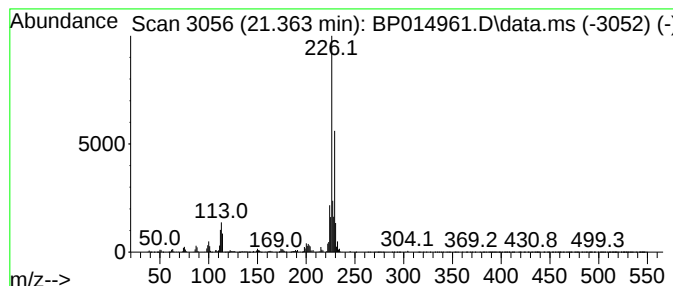
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 Cyclopenta[cd]pyrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.363	2.68 ng/ul	2256100	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	55
3			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	46
4			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	38
5			Benzo(a)acridine	229	C17H11N	000225-11-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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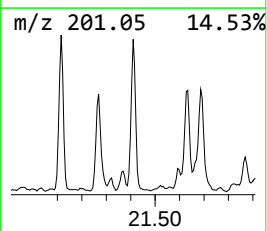
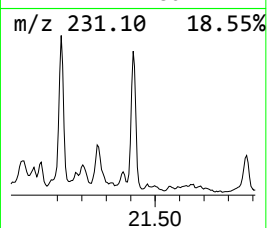
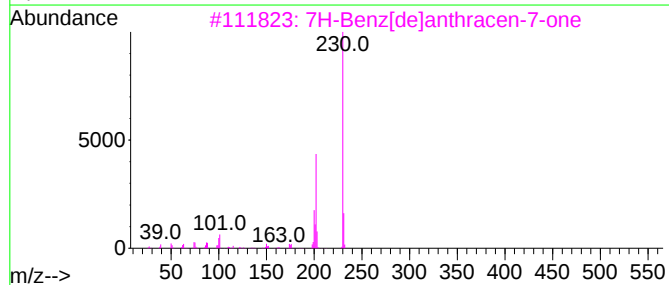
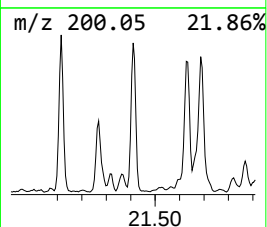
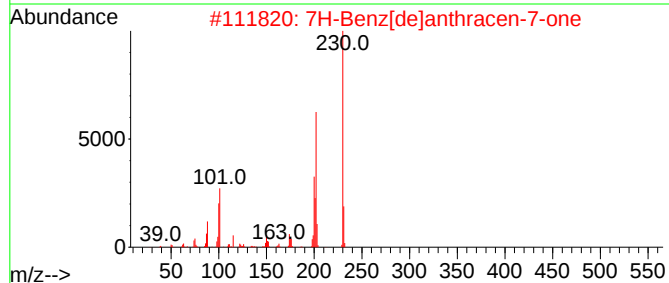
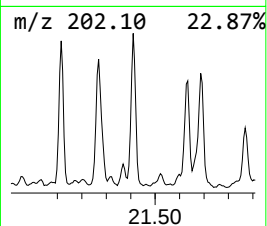
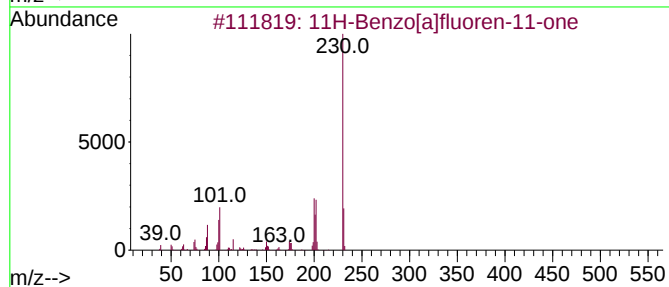
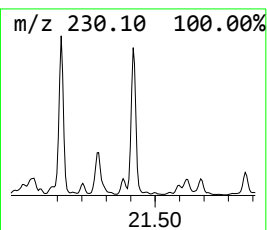
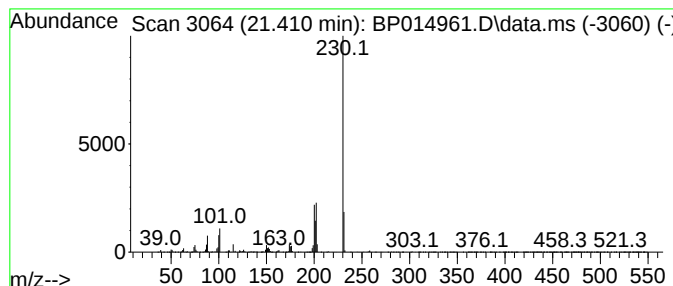
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.410	3.00 ng/ul	2527120	Chrysene-d12	21.645

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
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	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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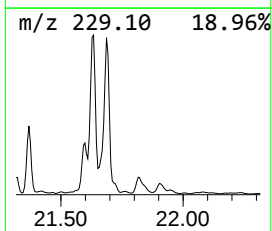
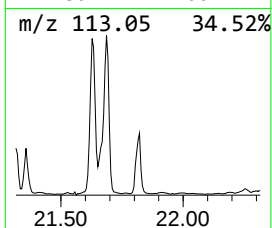
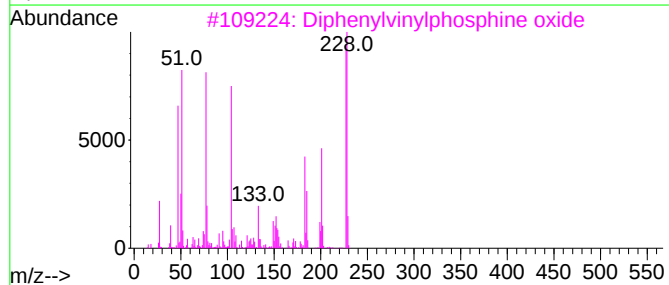
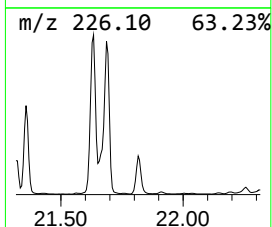
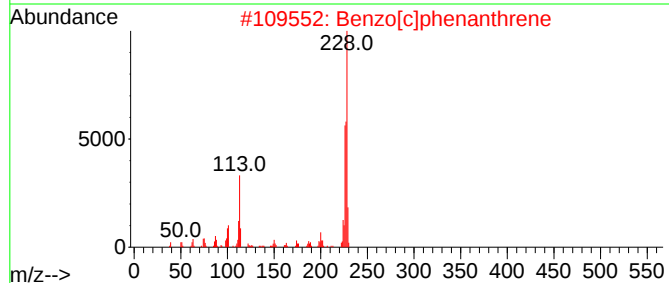
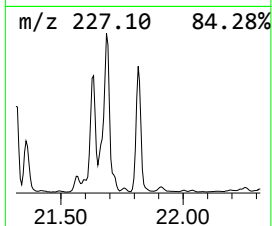
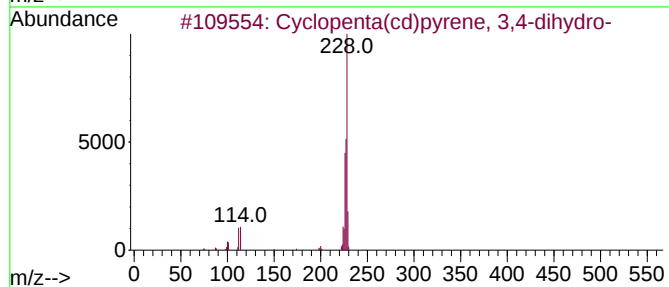
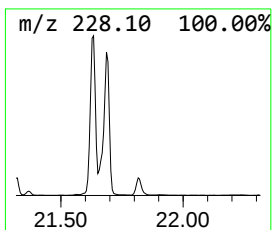
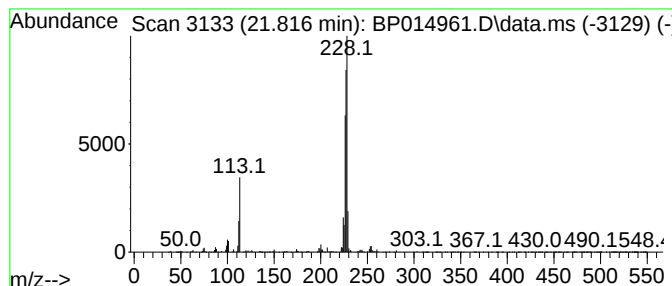
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Benzo[c]phenanthrene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.816	2.25 ng/ul	1896340	Chrysene-d12	21.645

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	91
2			Benzo[c]phenanthrene	228	C18H12	000195-19-7	74
3			Diphenylvinylphosphine oxide	228	C14H13OP	002096-78-8	50
4			Benzo[c]phenanthrene	228	C18H12	000195-19-7	50
5			Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
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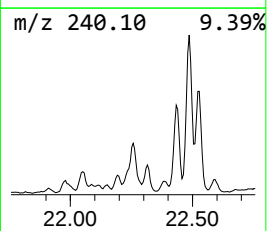
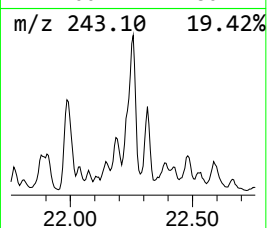
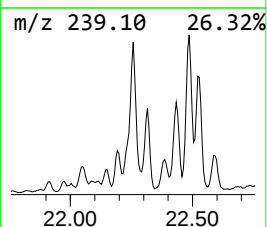
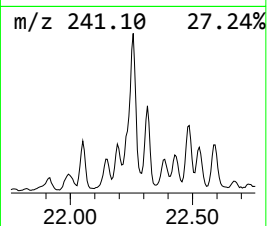
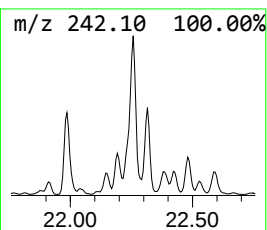
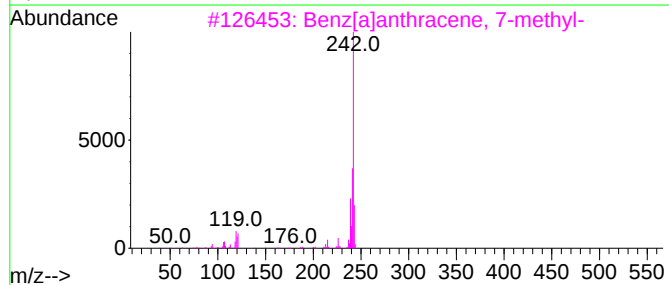
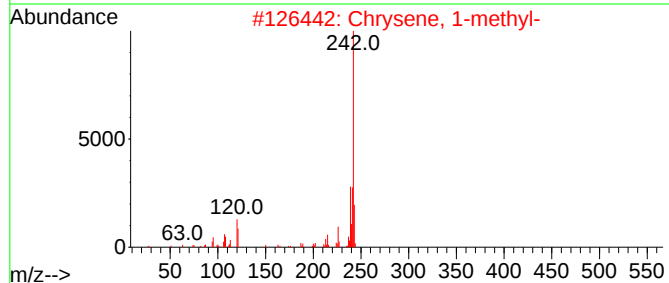
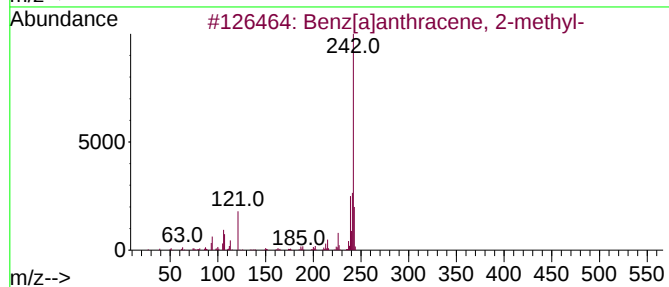
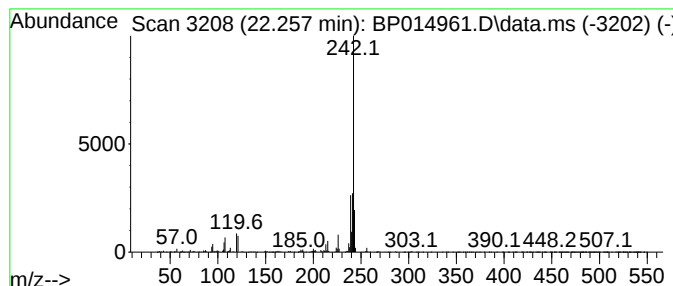
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Benz[a]anthracene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.	
22.257	2.01 ng/ul	1695840	Chrysene-d12	21.645	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	96
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	91
5	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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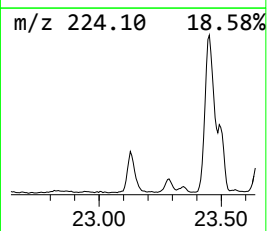
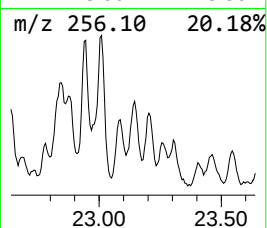
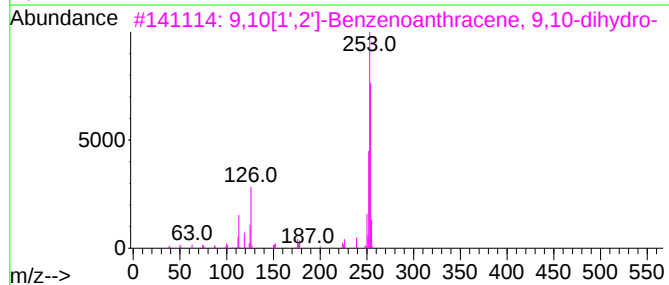
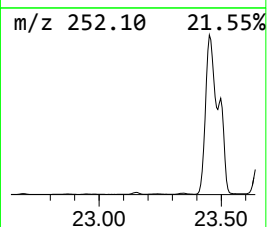
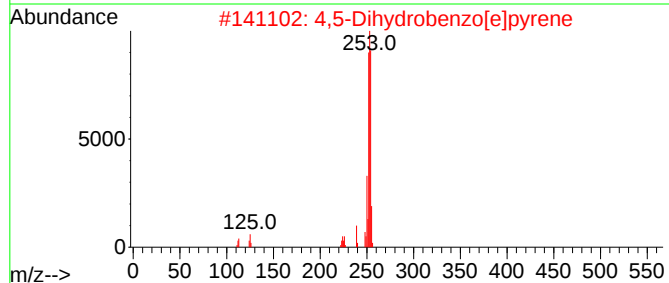
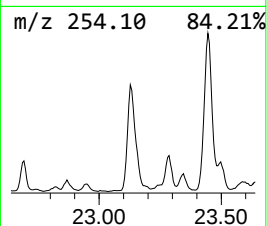
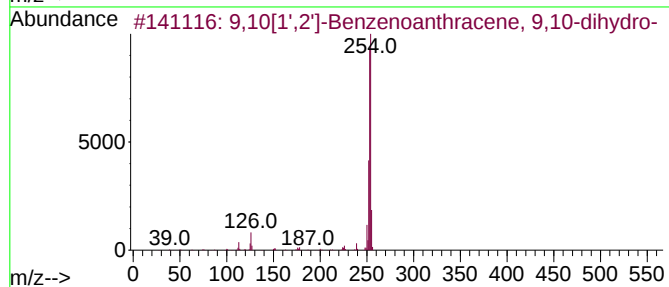
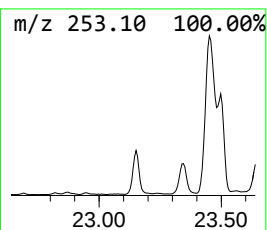
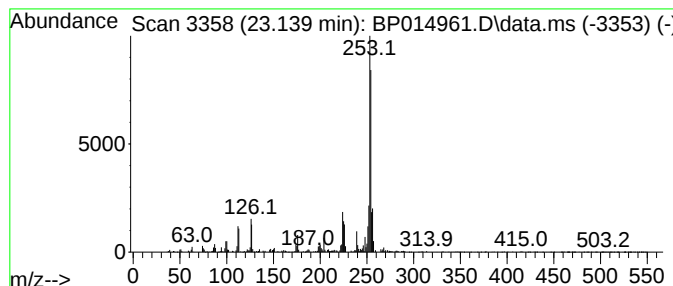
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 9,10[1',2']-Benzenoanthracene... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.139	9.39 ng/ul	1430100	Perylene-d12	24.251

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	68	
2	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	64	
3	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64	
4	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	64	
5	1,2'-Binaphthalene	254	C20H14	004325-74-0	64	



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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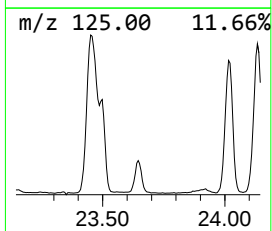
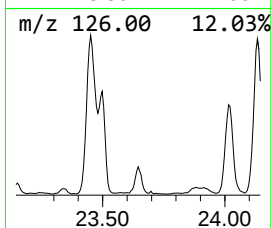
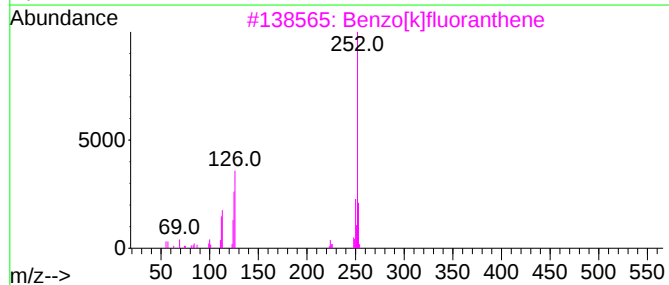
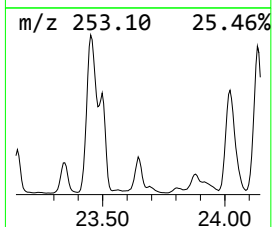
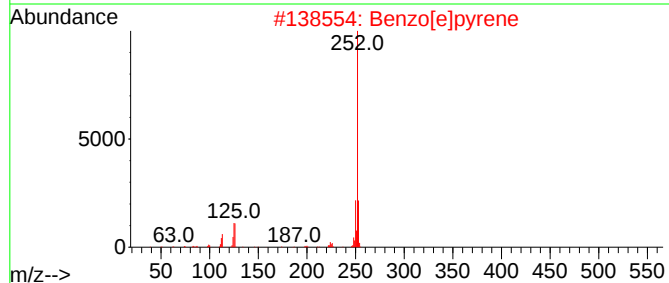
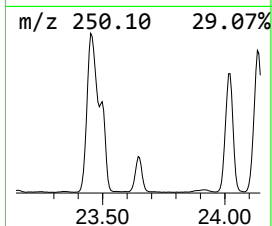
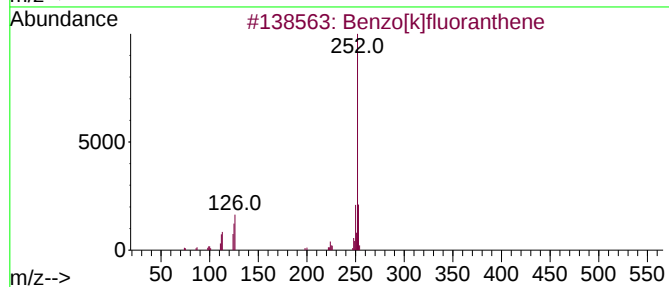
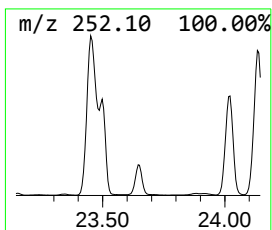
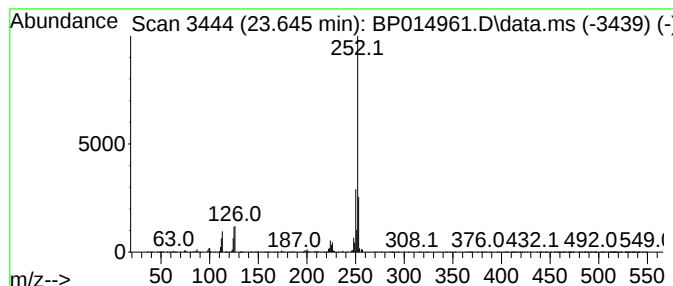
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.645	11.85 ng/ul	1804200	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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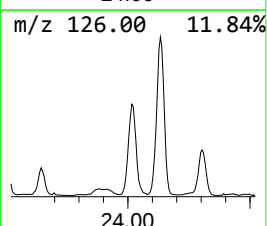
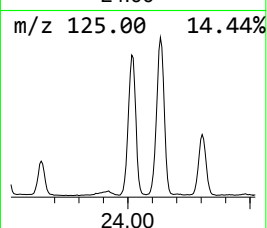
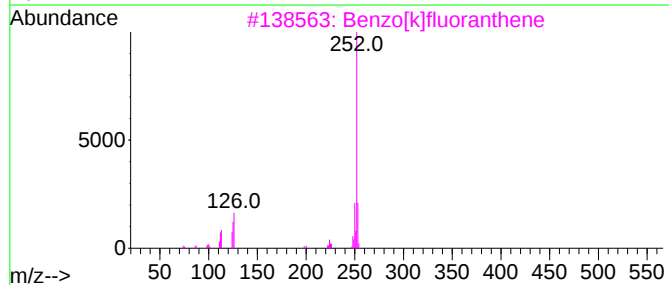
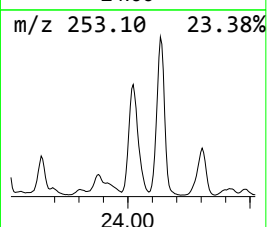
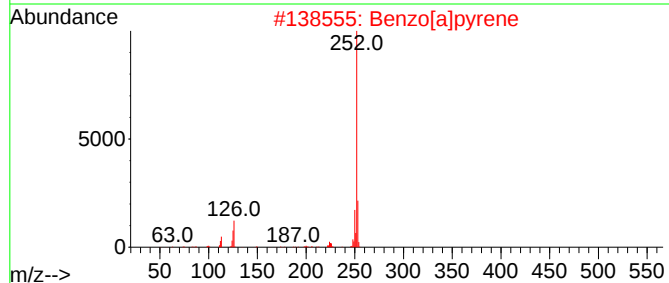
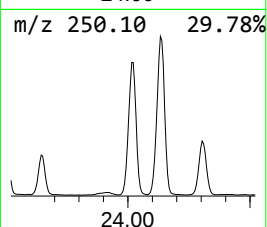
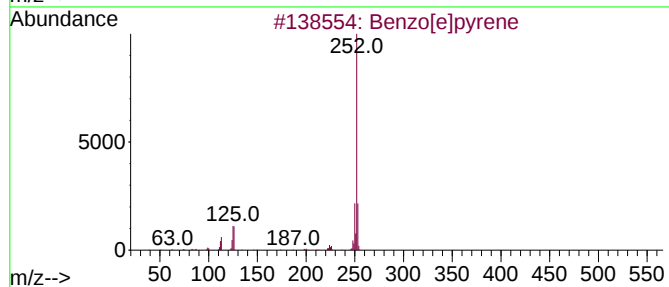
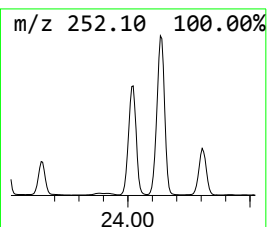
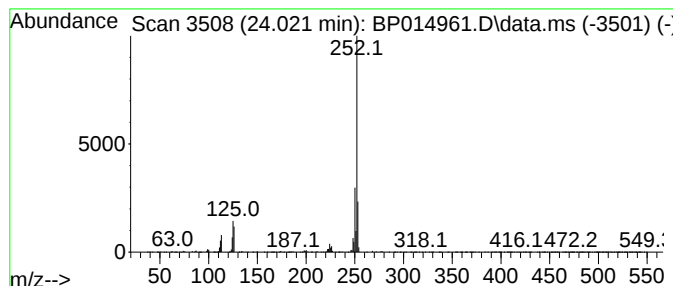
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.021	45.13 ng/ul	6871740	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[a]pyrene	252	C20H12	000050-32-8	97
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
Data File : BP014961.D
Acq On : 04 May 2023 20:01
Operator : CG/JU
Sample : 02447-17 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EW937

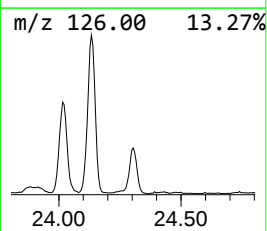
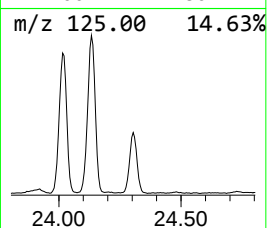
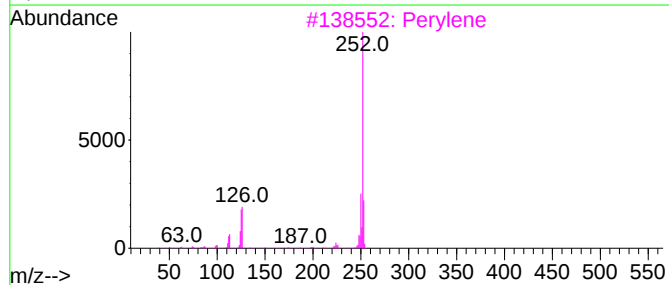
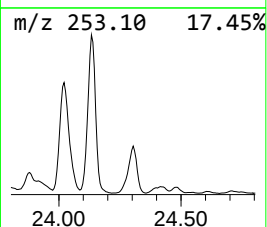
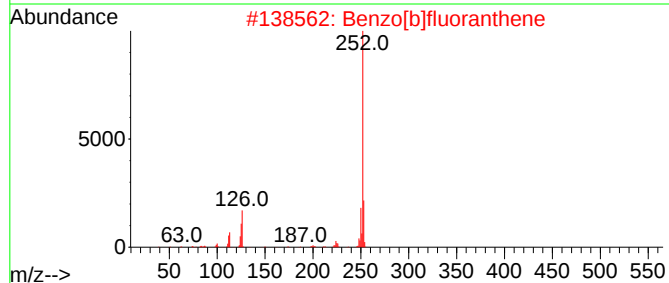
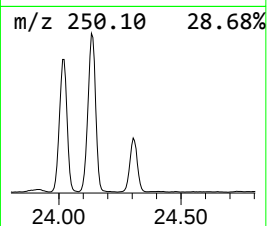
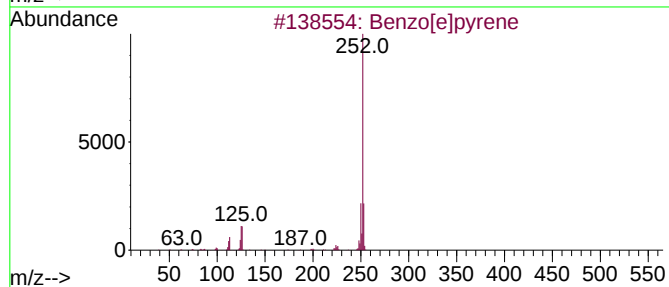
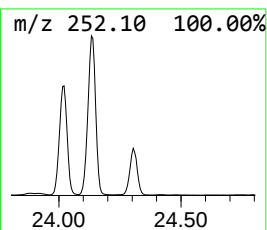
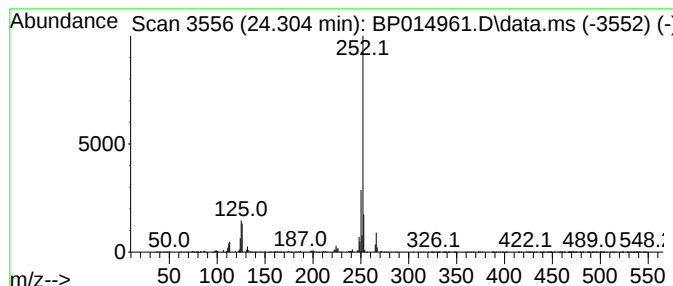
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.304	22.19 ng/ul	3379550	Perylene-d12	24.251

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	94
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Perylene	252	C20H12	000198-55-0	89
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	89
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014961.D
 Acq On : 04 May 2023 20:01
 Operator : CG/JU
 Sample : 02447-17 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW937

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.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
[1,1'-Biphenyl]...	16.151	2.2	ng/ul	304753	3	14.810	2757820	20.0
Dibenzofuran, 4...	16.292	2.7	ng/ul	348236	4	17.563	2566310	20.0
9H-Fluorene, 2-...	16.863	2.6	ng/ul	340011	4	17.563	2566310	20.0
9H-Fluoren-9-one	17.216	3.1	ng/ul	396570	4	17.563	2566310	20.0
Dibenzothiophene	17.381	3.3	ng/ul	427345	4	17.563	2566310	20.0
Benzenamine, 4...	18.134	2.1	ng/ul	271506	4	17.563	2566310	20.0
Anthracene, 2-m...	18.422	9.6	ng/ul	1225540	4	17.563	2566310	20.0
Phenanthrene, 2...	18.463	12.3	ng/ul	1578290	4	17.563	2566310	20.0
1H-Cyclopropa[1...	18.539	5.2	ng/ul	664338	4	17.563	2566310	20.0
4H-Cyclopenta[d...	18.610	19.2	ng/ul	2467160	4	17.563	2566310	20.0
Anthracene, 9-m...	18.639	6.2	ng/ul	791256	4	17.563	2566310	20.0
1,2,4,8-Tetrame...	18.898	7.7	ng/ul	990019	4	17.563	2566310	20.0
9,10-Anthracene...	18.939	5.7	ng/ul	729996	4	17.563	2566310	20.0
9,10-Dimethylan...	19.298	7.4	ng/ul	949713	4	17.563	2566310	20.0
unknown-01	19.363	2.2	ng/ul	285598	4	17.563	2566310	20.0
Cyclopenta(def)...	19.439	9.2	ng/ul	1180430	4	17.563	2566310	20.0
Pyrene, 1-methyl-	20.216	2.4	ng/ul	1980330	5	21.645	16849500	20.0
11H-Benzo[b]flu...	20.386	2.4	ng/ul	2036420	5	21.645	16849500	20.0
Fluoranthene, 2...	20.539	2.3	ng/ul	1908360	5	21.645	16849500	20.0
11H-Benzo[a]flu...	21.116	2.5	ng/ul	2117300	5	21.645	16849500	20.0
Benzo[b]naphtho...	21.280	3.0	ng/ul	2531580	5	21.645	16849500	20.0
Cyclopenta(cd)p...	21.316	2.1	ng/ul	1756650	5	21.645	16849500	20.0
Cyclopenta[cd]p...	21.363	2.7	ng/ul	2256100	5	21.645	16849500	20.0
7H-Benz[de]anth...	21.410	3.0	ng/ul	2527120	5	21.645	16849500	20.0
Benzo[c]phenant...	21.816	2.3	ng/ul	1896340	5	21.645	16849500	20.0
Benz[a]anthrace...	22.257	2.0	ng/ul	1695840	5	21.645	16849500	20.0
9,10[1',2']-Ben...	23.139	9.4	ng/ul	1430100	6	24.251	3045610	20.0
Benzo[e]pyrene	23.645	11.9	ng/ul	1804200	6	24.251	3045610	20.0
Perylene	24.021	45.1	ng/ul	6871740	6	24.251	3045610	20.0
unknown-02	24.304	22.2	ng/ul	3379550	6	24.251	3045610	20.0