

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
 Data File : BP022297.D
 Acq On : 09 Oct 2024 19:46
 Operator : RC/JU
 Sample : P4162-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4EH9

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-BP100724.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP022297.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.223	37	40	48	rVB3	10672	15457	0.34%	0.034%
2	3.740	124	128	133	rVV	25119	32951	0.74%	0.071%
3	3.958	161	165	171	rVB	9985	14847	0.33%	0.032%
4	4.864	315	319	327	rVB3	15283	29501	0.66%	0.064%
5	6.864	653	659	660	rBV3	13302	18013	0.40%	0.039%
6	6.899	660	665	680	rVB	144308	253106	5.65%	0.549%
7	7.046	684	690	702	rBV	117564	185725	4.14%	0.403%
8	7.252	718	725	732	rBV	155255	247068	5.51%	0.536%
9	7.705	794	802	811	rBV	442318	709722	15.83%	1.539%
10	8.411	915	922	929	rBV	124819	217547	4.85%	0.472%
11	8.463	929	931	935	rVV5	8911	15522	0.35%	0.034%
12	8.516	935	940	948	rVB	53490	86605	1.93%	0.188%
13	8.846	989	996	1005	rVV	142384	252972	5.64%	0.549%
14	9.258	1061	1066	1073	rVB3	12094	19358	0.43%	0.042%
15	9.405	1084	1091	1096	rBV2	12532	20598	0.46%	0.045%
16	9.563	1111	1118	1129	rBV	134098	225882	5.04%	0.490%
17	9.740	1142	1148	1156	rBV	15540	33412	0.75%	0.072%
18	9.916	1168	1178	1183	rBV8	6960	14466	0.32%	0.031%
19	10.105	1202	1210	1220	rBV	187023	341227	7.61%	0.740%
20	10.463	1264	1271	1277	rBV	612457	1015018	22.65%	2.201%
21	10.510	1277	1279	1286	rVV2	29122	46646	1.04%	0.101%
22	10.610	1290	1296	1309	rVB7	13330	40166	0.90%	0.087%
23	10.999	1355	1362	1370	rBV7	9165	19297	0.43%	0.042%
24	11.263	1398	1407	1412	rBV6	9221	22844	0.51%	0.050%
25	12.128	1549	1554	1562	rVB2	12285	22085	0.49%	0.048%
26	12.246	1569	1574	1581	rBV2	8071	17987	0.40%	0.039%
27	12.346	1586	1591	1598	rVB3	8069	14754	0.33%	0.032%
28	13.281	1745	1750	1757	rBV3	16433	28557	0.64%	0.062%
29	13.487	1771	1785	1793	rBV10	10528	38998	0.87%	0.085%
30	13.634	1803	1810	1814	rBV5	16984	29882	0.67%	0.065%
31	13.716	1816	1824	1830	rVV	406188	569046	12.70%	1.234%
32	14.004	1863	1873	1888	rBV2	428520	805579	17.97%	1.747%
33	14.157	1892	1899	1905	rVV2	13194	29513	0.66%	0.064%
34	14.216	1905	1909	1913	rVB6	8018	12486	0.28%	0.027%
35	14.316	1913	1926	1932	rBV	1153766	1624472	36.24%	3.523%
36	14.381	1932	1937	1943	rVV	53362	91641	2.04%	0.199%

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Integrator: RTE

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Stop Thrs : 0

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Title : SVOA CALIBRATION

37	14.440	1943	1947	1953	rVB5	14680	23377	0.52%	0.051%
38	14.545	1958	1965	1968	rBV	102809	199173	4.44%	0.432%
39	14.681	1984	1988	1990	rBV4	11331	15224	0.34%	0.033%
40	14.716	1990	1994	1997	rBV	19904	27600	0.62%	0.060%
41	14.787	2002	2006	2012	rVB4	28557	48820	1.09%	0.106%
42	14.951	2027	2034	2037	rBV8	7497	15648	0.35%	0.034%
43	14.998	2038	2042	2045	rVB5	10120	14872	0.33%	0.032%
44	15.122	2058	2063	2066	rBV6	7606	14115	0.31%	0.031%
45	15.198	2072	2076	2081	rVB3	9653	14118	0.31%	0.031%
46	15.269	2084	2088	2091	rBV5	8874	13867	0.31%	0.030%
47	15.322	2091	2097	2103	rVV	657011	941659	21.01%	2.042%
48	15.375	2103	2106	2114	rVV	46315	76253	1.70%	0.165%
49	15.451	2114	2119	2125	rVB	99332	156688	3.50%	0.340%
50	15.592	2139	2143	2148	rVB2	25055	37875	0.85%	0.082%
51	15.692	2154	2160	2168	rVB2	171170	248573	5.55%	0.539%
52	15.822	2179	2182	2191	rVB2	18800	39748	0.89%	0.086%
53	15.916	2191	2198	2205	rBV9	22336	51281	1.14%	0.111%
54	15.992	2207	2211	2215	rBV7	10137	15290	0.34%	0.033%
55	16.063	2218	2223	2230	rVV4	39751	73384	1.64%	0.159%
56	16.151	2235	2238	2243	rVB2	17480	23694	0.53%	0.051%
57	16.328	2260	2268	2272	rBV4	25374	54232	1.21%	0.118%
58	16.504	2294	2298	2302	rBV7	16385	28542	0.64%	0.062%
59	16.639	2318	2321	2325	rBV6	16465	23134	0.52%	0.050%
60	16.757	2337	2341	2349	rVB	54318	82128	1.83%	0.178%
61	16.828	2350	2353	2354	rBV3	14530	15469	0.35%	0.034%
62	16.922	2366	2369	2376	rVB	43841	69628	1.55%	0.151%
63	17.022	2381	2386	2392	rVV3	66617	120477	2.69%	0.261%
64	17.116	2392	2402	2405	rVV	1575338	2232871	49.82%	4.843%
65	17.151	2405	2408	2413	rVV	1113725	1373736	30.65%	2.979%
66	17.210	2413	2418	2422	rVV2	718255	1107165	24.70%	2.401%
67	17.245	2422	2424	2429	rVB	163717	191672	4.28%	0.416%
68	17.310	2430	2435	2442	rBV3	42553	86530	1.93%	0.188%
69	17.522	2468	2471	2476	rVB	108912	131531	2.93%	0.285%
70	17.928	2537	2540	2545	rVB4	60790	78479	1.75%	0.170%
71	18.010	2550	2554	2557	rVV	102717	162287	3.62%	0.352%
72	18.051	2557	2561	2570	rVB2	561870	957986	21.37%	2.078%
73	18.157	2576	2579	2583	rBV	49289	79647	1.78%	0.173%
74	18.216	2584	2589	2593	rVV2	294177	510308	11.39%	1.107%
75	18.251	2593	2595	2603	rVB	141811	201456	4.49%	0.437%
76	18.363	2611	2614	2621	rVB6	41395	60620	1.35%	0.131%

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Integrator: RTE
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 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

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77	18.533	2640	2643	2647	rBV	153820	202208	4.51%	0.439%
78	18.575	2647	2650	2656	rVB	283816	359132	8.01%	0.779%
79	18.798	2686	2688	2692	rBV2	53075	54644	1.22%	0.119%
80	18.969	2713	2717	2721	rVB3	107459	161141	3.60%	0.349%
81	19.022	2722	2726	2731	rVV4	95914	135935	3.03%	0.295%
82	19.116	2739	2742	2747	rBV	101301	168508	3.76%	0.365%
83	19.251	2760	2765	2770	rBV	3045992	4072849	90.87%	8.833%
84	19.381	2784	2787	2796	rVB3	216777	384866	8.59%	0.835%
85	19.598	2820	2824	2826	rBV2	1126075	1482294	33.07%	3.215%
86	19.628	2826	2829	2836	rVB	1934703	2347820	52.38%	5.092%
87	19.969	2883	2887	2893	rBV2	156859	324210	7.23%	0.703%
88	20.104	2907	2910	2913	rBV2	128604	223348	4.98%	0.484%
89	20.145	2913	2917	2920	rVV	386813	537343	11.99%	1.165%
90	20.175	2920	2922	2928	rVB2	142562	152573	3.40%	0.331%
91	20.933	3048	3051	3058	rVB	301777	468530	10.45%	1.016%
92	21.210	3094	3098	3106	rVB3	974596	1503046	33.54%	3.260%
93	21.469	3138	3142	3146	rBV	500750	746103	16.65%	1.618%
94	21.545	3147	3155	3159	rVV2	1835791	4482018	100.00%	9.721%
95	21.592	3159	3163	3178	rVB	1364903	2875639	64.16%	6.237%
96	23.816	3534	3541	3548	rBV	1153645	3198650	71.37%	6.937%
97	23.980	3565	3569	3575	rVV2	659423	1220758	27.24%	2.648%
98	24.057	3576	3582	3592	rVB4	633131	1690196	37.71%	3.666%
99	24.839	3710	3715	3726	rVB	991045	2357160	52.59%	5.112%
100	26.133	3933	3935	3936	rBV	208565	177083	3.95%	0.384%

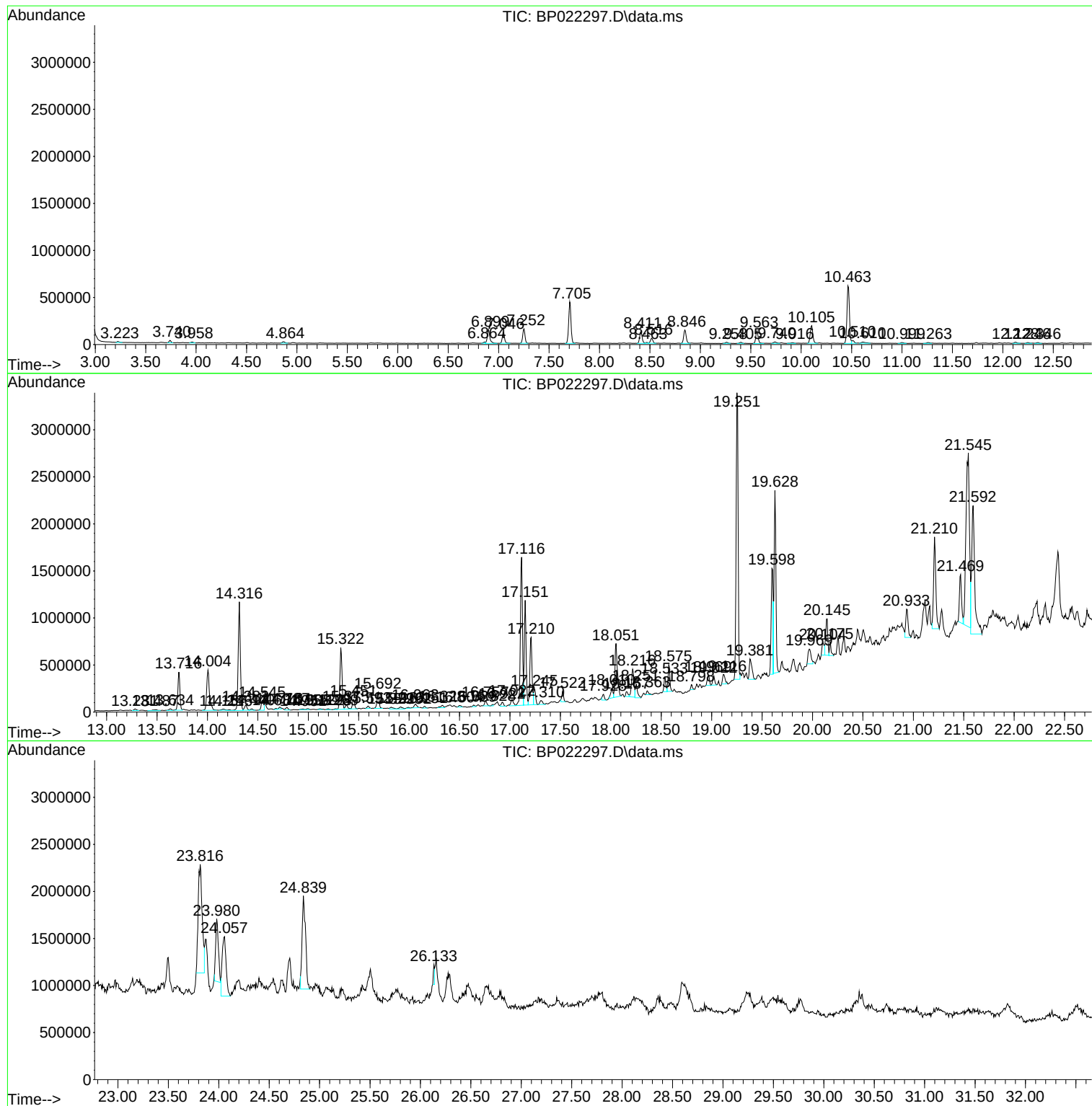
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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



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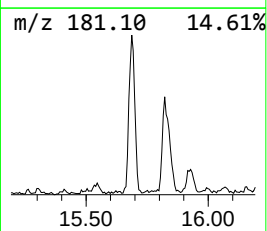
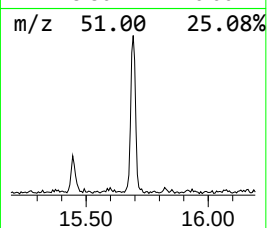
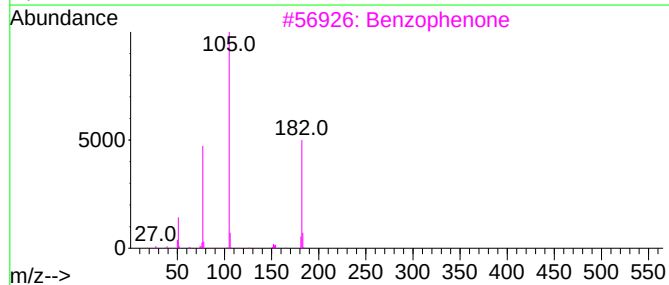
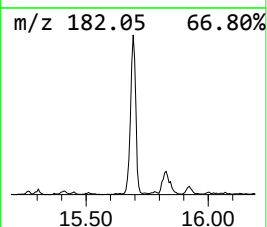
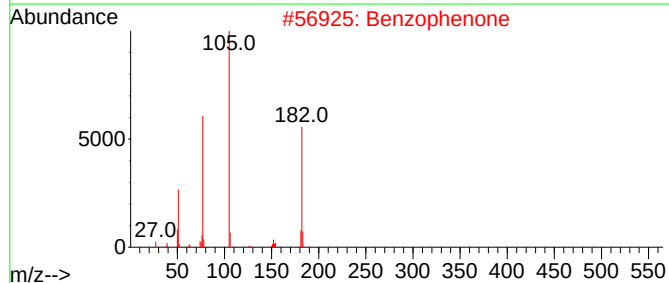
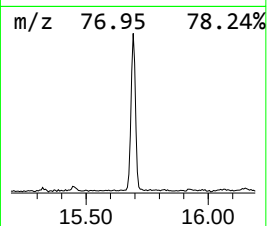
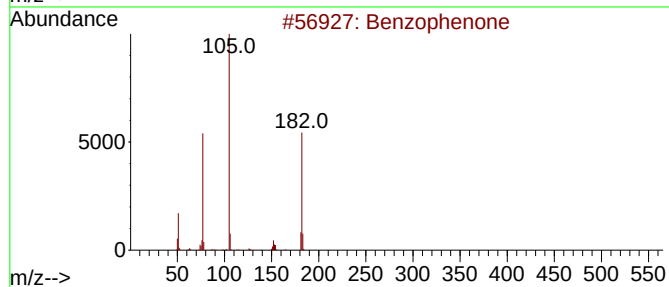
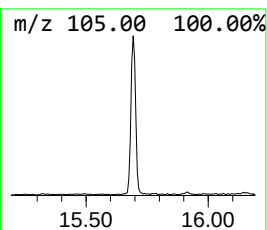
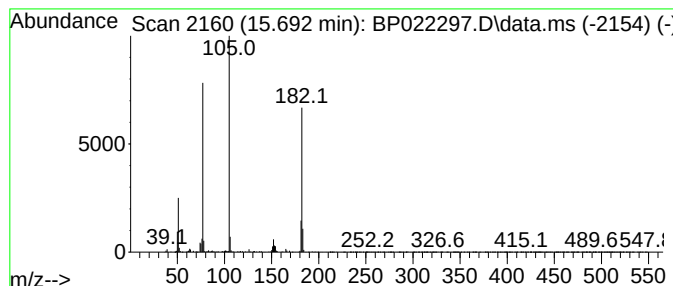
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.693	3.06 ng/ul	248573	Acenaphthene-d10	14.316

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	97
2			Benzophenone	182	C13H10O	000119-61-9	96
3			Benzophenone	182	C13H10O	000119-61-9	83
4			1,2,4-Trioxolane, 3,3,5-triphenyl-	304	C20H16O3	023246-12-0	83
5			Benzophenone	182	C13H10O	000119-61-9	76



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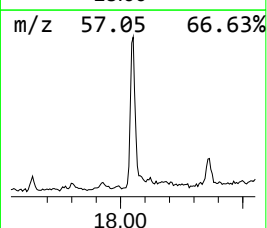
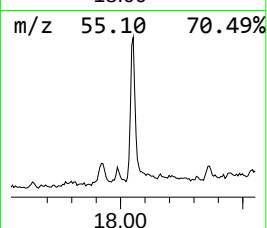
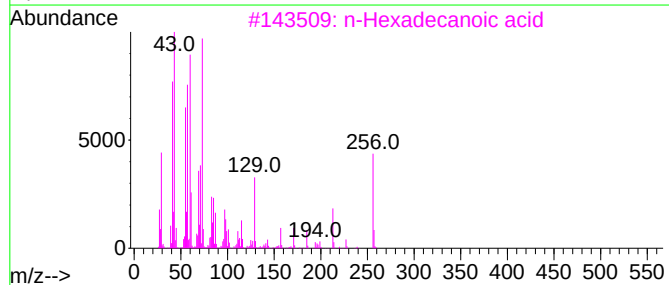
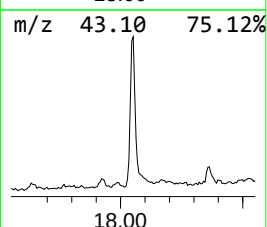
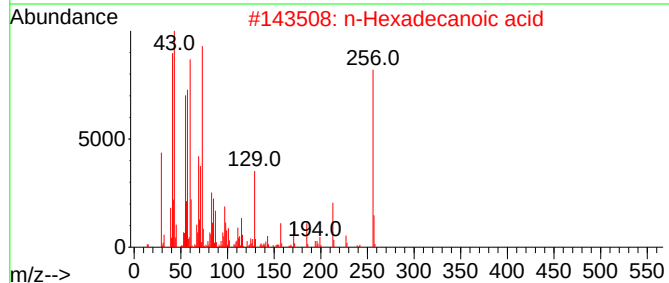
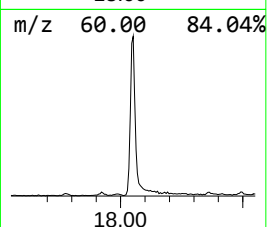
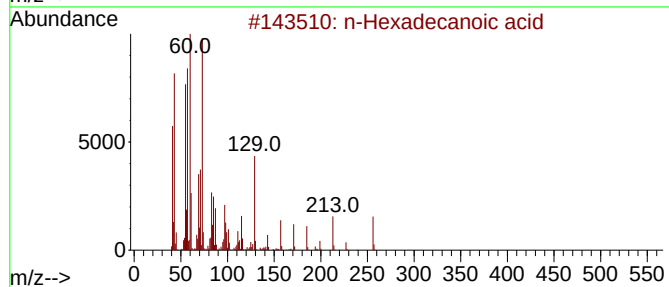
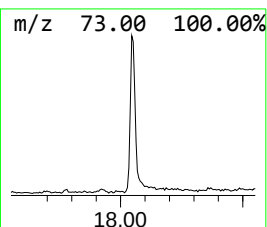
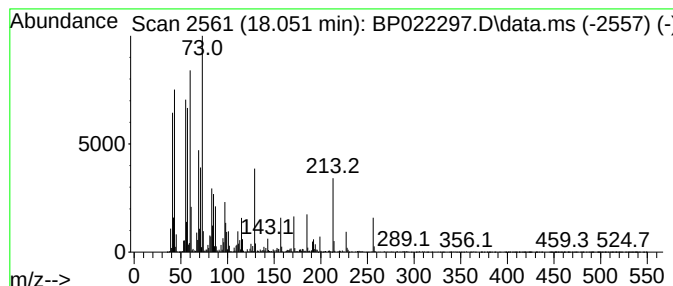
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.051	8.58 ng/ul	957986	Phenanthrene-d10	17.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99		
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98		
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97		
4	Tridecanoic acid	214	C13H26O2	000638-53-9	95		
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92		



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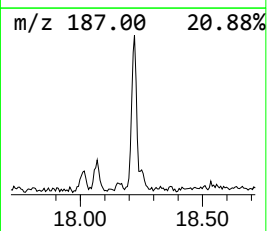
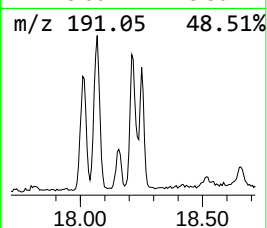
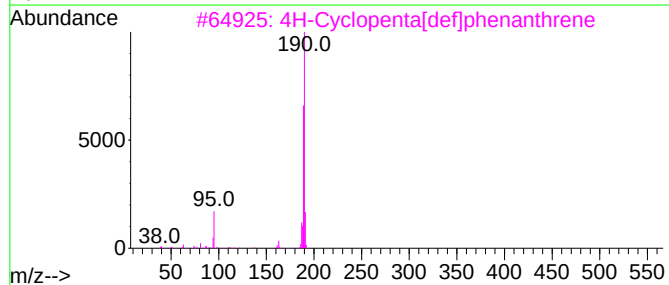
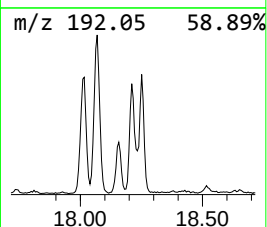
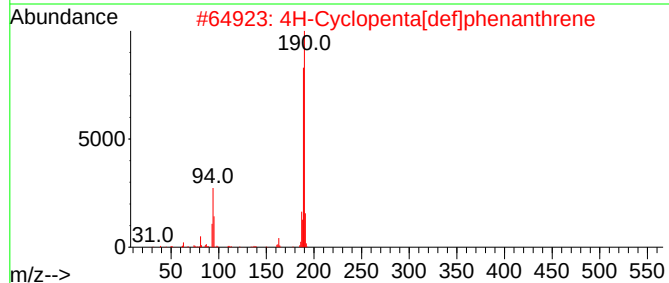
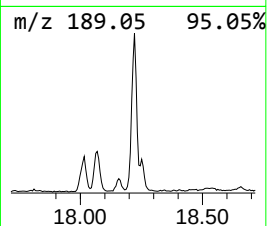
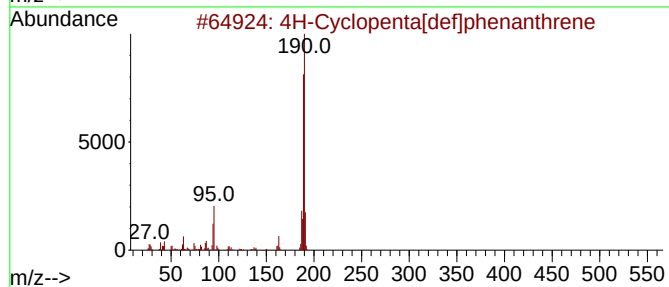
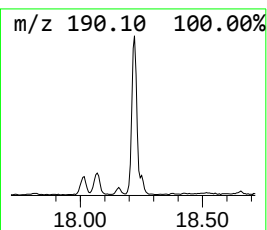
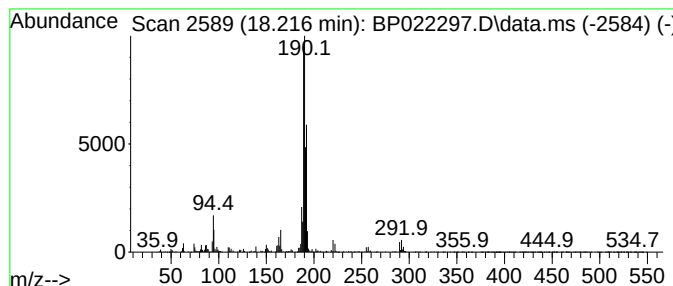
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	4.57 ng/ul	510308	Phenanthrene-d10	17.116

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	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
Sample : P4162-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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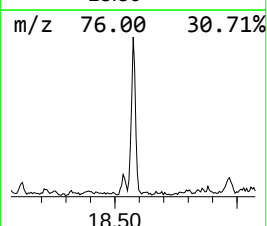
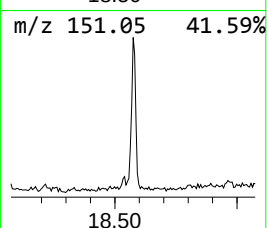
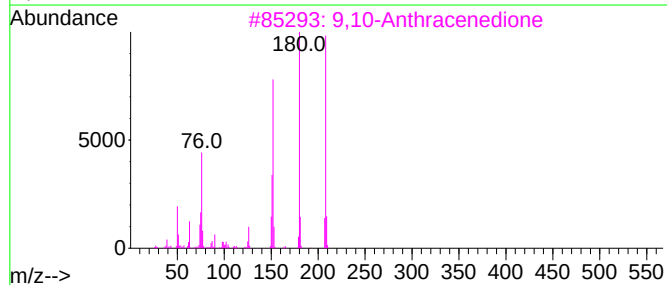
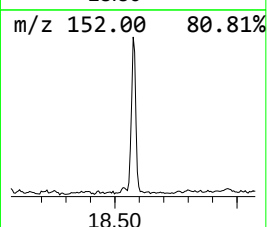
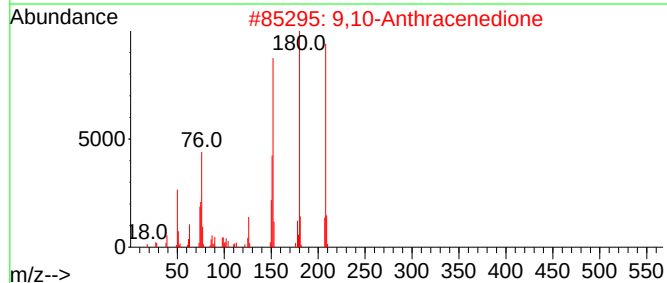
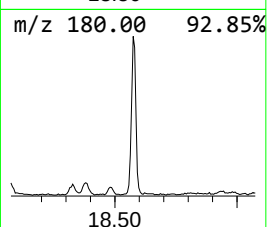
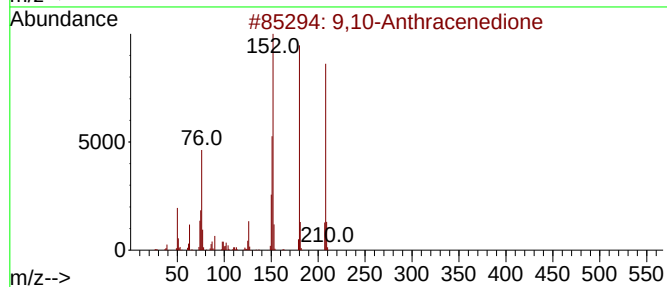
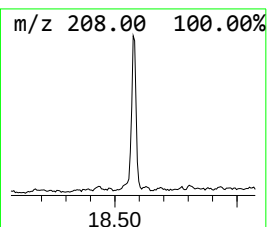
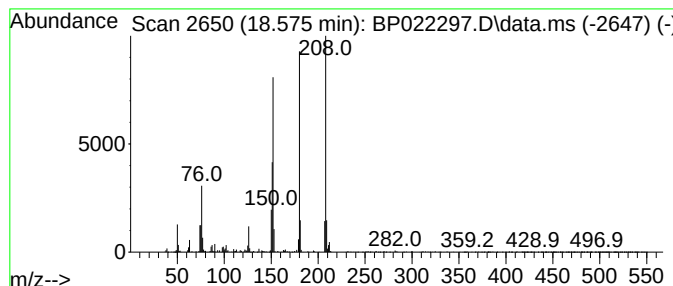
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	3.22 ng/ul	359132	Phenanthrene-d10	17.116

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
Sample : P4162-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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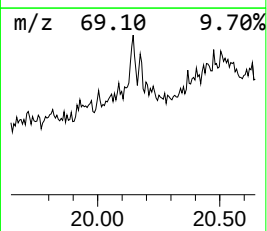
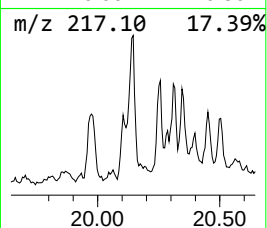
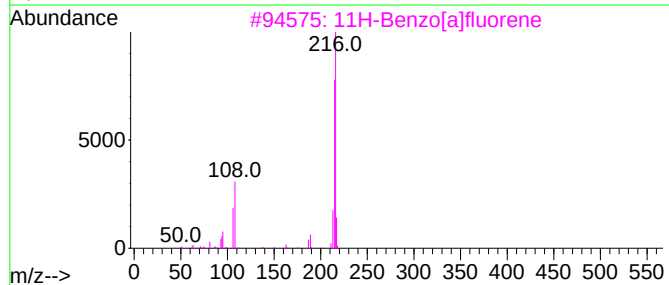
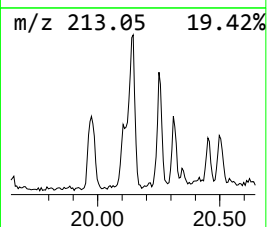
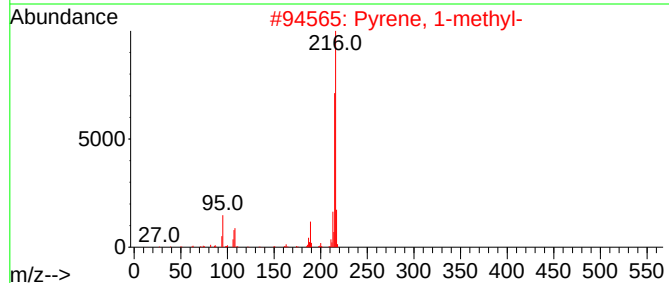
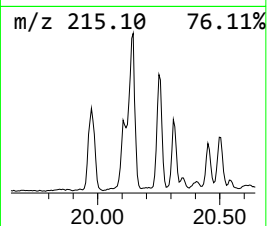
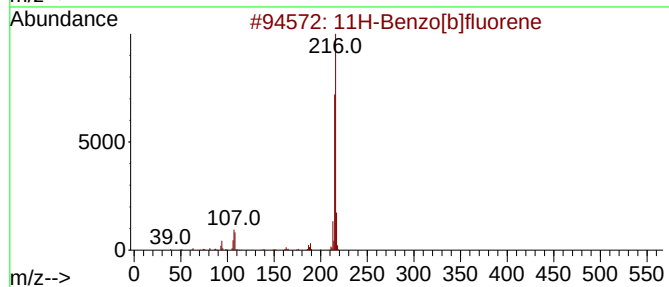
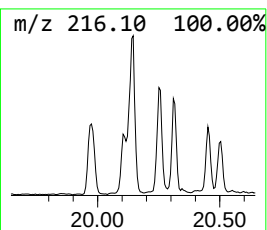
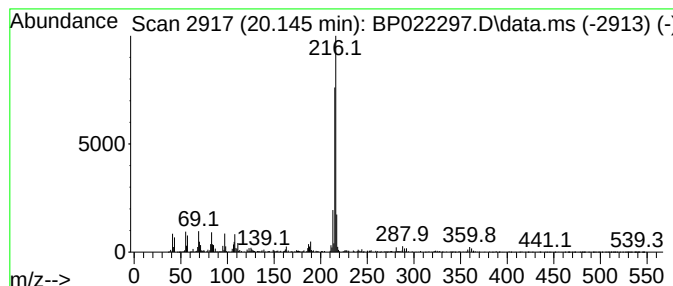
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.40 ng/ul	537343	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
Sample : P4162-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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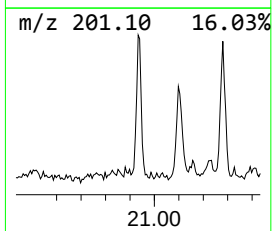
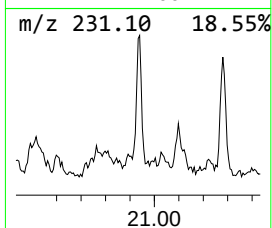
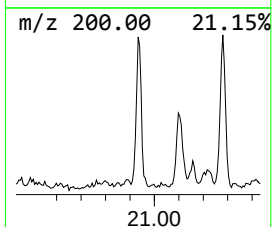
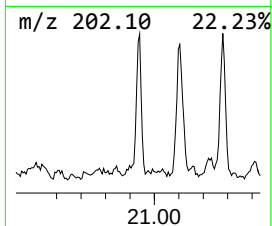
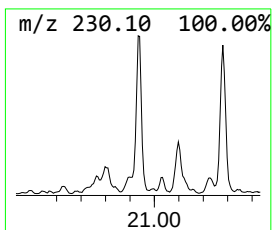
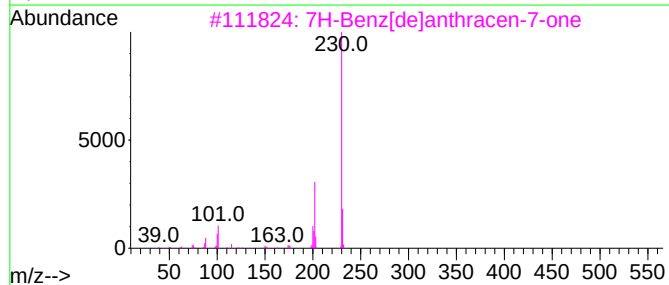
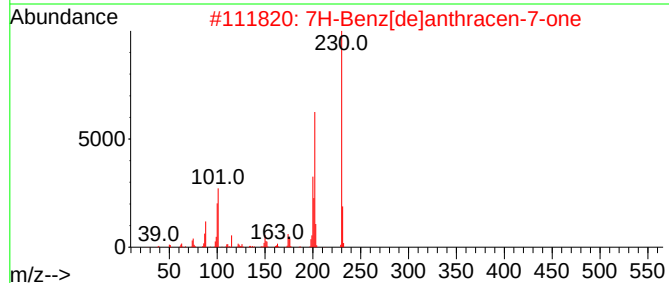
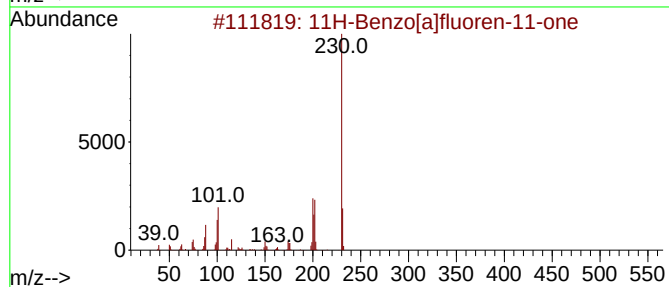
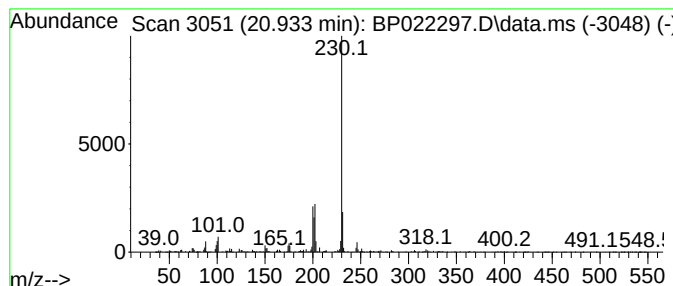
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.933	2.09 ng/ul	468530	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76
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\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
Sample : P4162-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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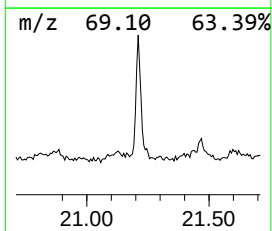
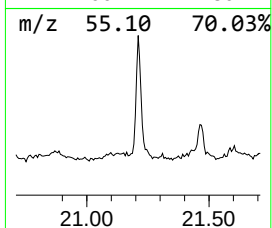
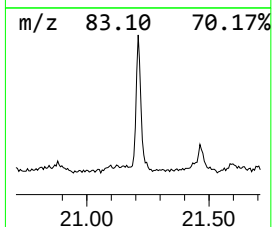
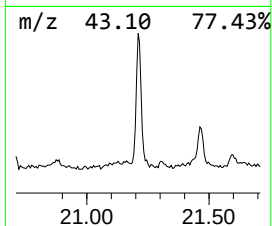
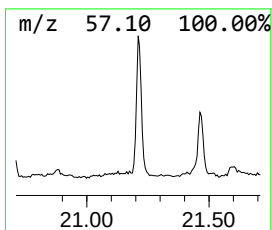
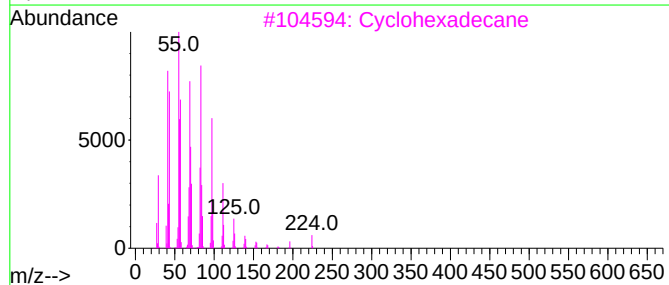
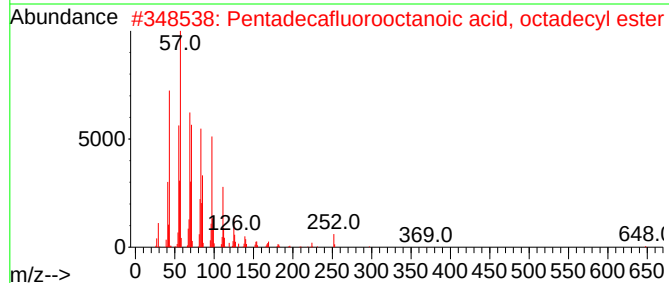
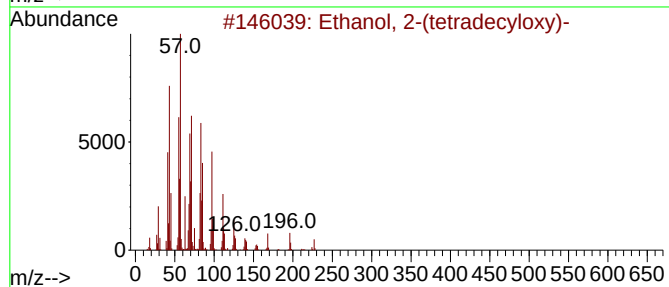
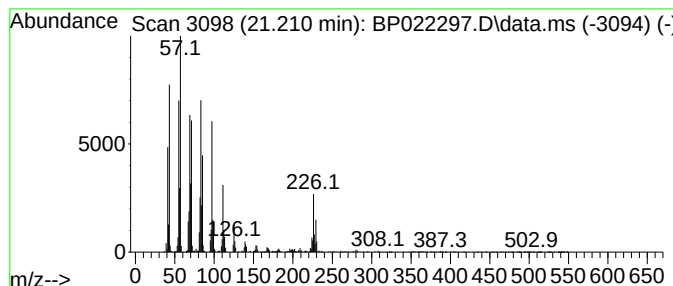
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.210	6.71 ng/ul	1503050	Chrysene-d12	21.545

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	95
2			Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	93
3			Cyclohexadecane	224	C16H32	000295-65-8	91
4			9-Eicosene, (E)-	280	C20H40	074685-29-3	90
5			Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
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Sample : P4162-14
Misc :
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Instrument :
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ClientSampleId :
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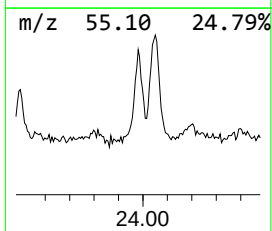
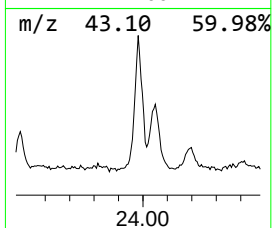
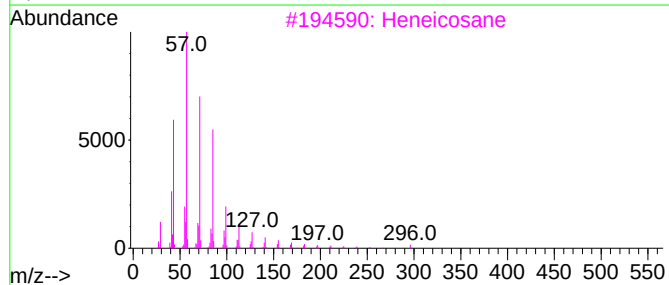
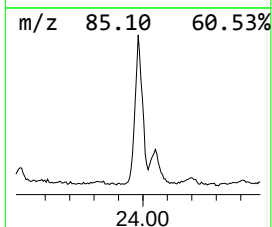
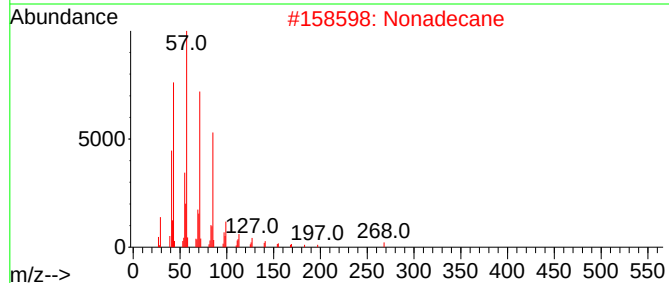
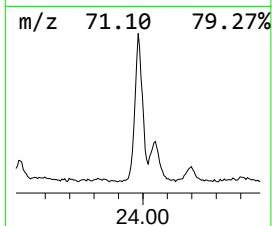
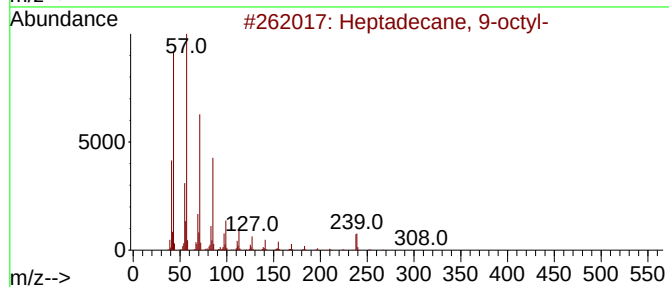
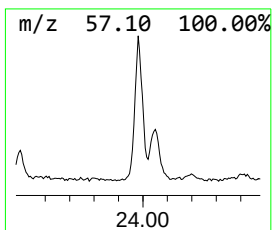
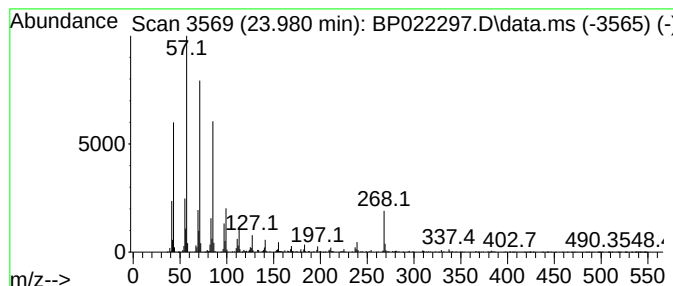
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	10.36 ng/ul	1220760	Perylene-d12	24.839

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	93
2		Nonadecane	268	C19H40	000629-92-5	91
3		Heneicosane	296	C21H44	000629-94-7	87
4		Octacosane, 2-methyl-	408	C29H60	001560-98-1	87
5		triacontane	422	C30H62	000638-68-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
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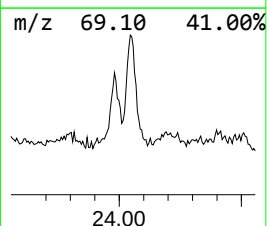
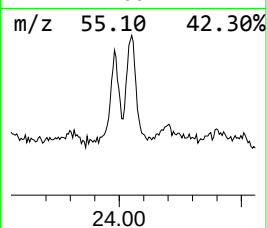
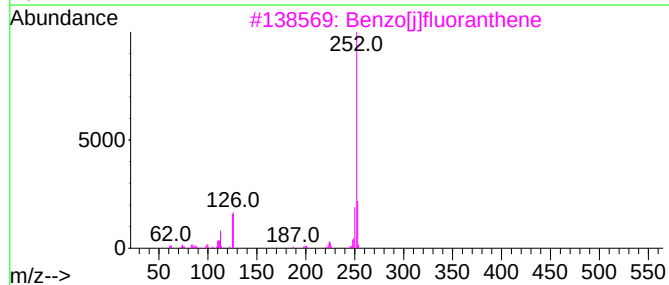
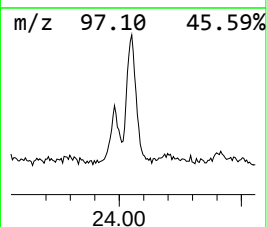
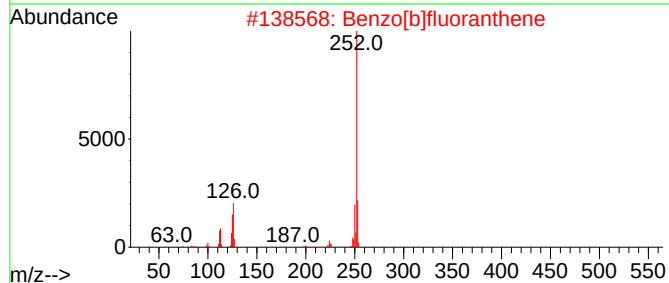
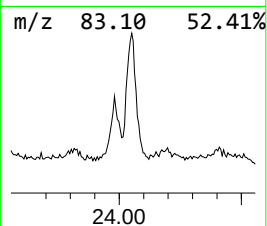
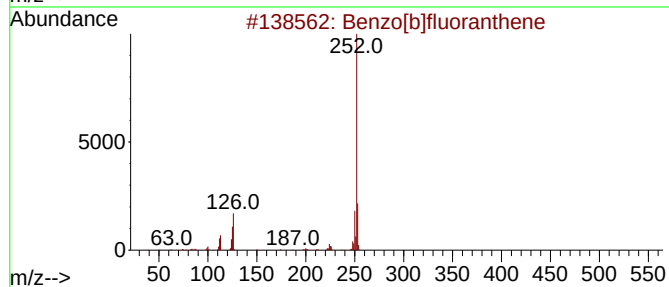
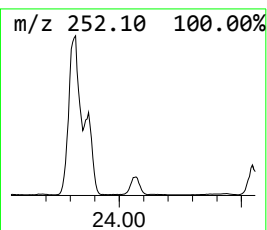
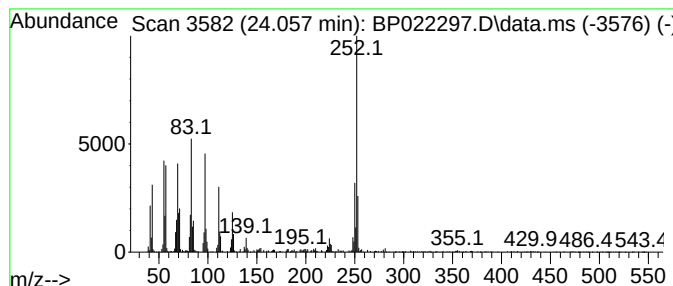
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.057	14.34 ng/ul	1690200	Perylene-d12	24.839

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	64
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	62
4			Benzo[a]pyrene	252	C20H12	000050-32-8	60
5			Benzo[a]pyrene	252	C20H12	000050-32-8	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100924\
Data File : BP022297.D
Acq On : 09 Oct 2024 19:46
Operator : RC/JU
Sample : P4162-14
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.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
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n-Hexadecanoic ...	18.051	8.6	ng/ul	957986	4	17.116	2232870	20.0
4H-Cyclopenta[d...]	18.216	4.6	ng/ul	510308	4	17.116	2232870	20.0
9,10-Anthracene...	18.575	3.2	ng/ul	359132	4	17.116	2232870	20.0
11H-Benzo[b]flu...	20.145	2.4	ng/ul	537343	5	21.545	4482020	20.0
11H-Benzo[a]flu...	20.933	2.1	ng/ul	468530	5	21.545	4482020	20.0
Ethanol, 2-(tet...	21.210	6.7	ng/ul	1503050	5	21.545	4482020	20.0
(DEL) Alkane: S...	23.980	10.4	ng/ul	1220760	6	24.839	2357160	20.0
Benzo[j]fluoran...	24.057	14.3	ng/ul	1690200	6	24.839	2357160	20.0