

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020777.D
 Acq On : 03 Jul 2024 20:12
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

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-BP062524.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP020777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.728	796	806	816	rBV	721866	1206682	2.45%	0.217%
2	10.505	1265	1278	1282	rBV	1031967	1786710	3.62%	0.321%
3	10.552	1282	1286	1293	rVB	1621277	2503423	5.08%	0.450%
4	12.169	1553	1561	1574	rVB	1601051	2594870	5.26%	0.467%
5	12.375	1586	1596	1608	rVB	1095273	1971223	4.00%	0.355%
6	13.375	1761	1766	1779	rVB	1163498	1950880	3.96%	0.351%
7	13.528	1779	1792	1800	rBV3	694584	1871410	3.80%	0.337%
8	13.675	1809	1817	1821	rBV	1270169	2273611	4.61%	0.409%
9	13.722	1821	1825	1829	rVV	819844	1304419	2.65%	0.235%
10	13.763	1829	1832	1840	rVB	969311	1274289	2.59%	0.229%
11	13.910	1848	1857	1861	rBV	648302	1050141	2.13%	0.189%
12	14.051	1873	1881	1893	rVB3	1301161	2858899	5.80%	0.514%
13	14.357	1929	1933	1939	rVB	1446088	2238000	4.54%	0.403%
14	14.428	1939	1945	1953	rBV	5542583	8810607	17.88%	1.585%
15	14.569	1962	1969	1978	rBV2	735127	1981648	4.02%	0.356%
16	14.669	1978	1986	1992	rVB2	1556665	2595350	5.27%	0.467%
17	14.763	1992	2002	2010	rBV	1694293	3068654	6.23%	0.552%
18	15.163	2062	2070	2073	rBV2	479057	1002998	2.03%	0.180%
19	15.363	2098	2104	2109	rVV2	1256660	2059601	4.18%	0.370%
20	15.428	2109	2115	2126	rVV	4738935	7649997	15.52%	1.376%
21	15.528	2126	2132	2134	rVV	1388654	2043870	4.15%	0.368%
22	15.551	2134	2136	2140	rVV	1635991	2335530	4.74%	0.420%
23	15.592	2140	2143	2147	rVV	1789899	2379034	4.83%	0.428%
24	15.640	2147	2151	2154	rVV	817824	1226042	2.49%	0.221%
25	15.681	2154	2158	2161	rVV2	1121068	1838935	3.73%	0.331%
26	15.722	2161	2165	2175	rVB2	1011557	2182886	4.43%	0.393%
27	15.881	2188	2192	2199	rVV	804661	1681500	3.41%	0.302%
28	16.434	2277	2286	2287	rVV2	1463644	2562590	5.20%	0.461%
29	16.457	2287	2290	2294	rVV2	1673664	2497473	5.07%	0.449%
30	16.504	2294	2298	2304	rVV2	1414372	2556842	5.19%	0.460%
31	16.610	2311	2316	2321	rVV	1151807	1897865	3.85%	0.341%
32	16.728	2331	2336	2343	rVV2	906741	2000500	4.06%	0.360%
33	16.816	2346	2351	2358	rVV	1386325	2464371	5.00%	0.443%
34	16.916	2359	2368	2374	rVV2	2679552	5163801	10.48%	0.929%
35	16.987	2374	2380	2394	rVV	3892122	6747034	13.69%	1.213%
36	17.175	2406	2412	2414	rBV	1335845	2186621	4.44%	0.393%

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Integrator: RTE

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
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37	17.234	2414	2422	2427	rVV2	25067274	49290108	100.00%	8.865%
38	17.281	2427	2430	2433	rVV2	1766262	2817220	5.72%	0.507%
39	17.322	2433	2437	2442	rVV	6437394	9059883	18.38%	1.629%
40	17.369	2442	2445	2450	rVV2	715180	1153764	2.34%	0.208%
41	17.598	2479	2484	2491	rVB	1968216	2976860	6.04%	0.535%
42	17.704	2498	2502	2507	rBV	1307360	1950320	3.96%	0.351%
43	17.769	2509	2513	2517	rVV	2787085	3528560	7.16%	0.635%
44	17.922	2534	2539	2548	rVB	1872985	3891627	7.90%	0.700%
45	18.004	2548	2553	2557	rBV	740806	1121672	2.28%	0.202%
46	18.081	2557	2566	2570	rVV	7680267	11860820	24.06%	2.133%
47	18.134	2570	2575	2581	rVB	8361429	13149447	26.68%	2.365%
48	18.216	2581	2589	2594	rBV	2499208	4705864	9.55%	0.846%
49	18.286	2594	2601	2605	rVV2	8163005	16534787	33.55%	2.974%
50	18.328	2605	2608	2613	rVB	6564913	8682124	17.61%	1.562%
51	18.498	2632	2637	2641	rBV2	2098975	3257068	6.61%	0.586%
52	18.604	2650	2655	2659	rBV	4641447	6764830	13.72%	1.217%
53	18.657	2659	2664	2668	rVV	3613233	5464771	11.09%	0.983%
54	18.692	2668	2670	2674	rVV3	1021157	1342116	2.72%	0.241%
55	18.857	2694	2698	2702	rVV2	1869948	2818634	5.72%	0.507%
56	18.904	2702	2706	2710	rVV	1105778	1681487	3.41%	0.302%
57	18.945	2710	2713	2717	rVB4	904708	1274840	2.59%	0.229%
58	19.039	2723	2729	2733	rBV	2814559	5495045	11.15%	0.988%
59	19.104	2734	2740	2743	rVB2	1474912	2782475	5.65%	0.500%
60	19.192	2749	2755	2762	rBV5	2033332	4844222	9.83%	0.871%
61	19.322	2768	2777	2783	rVV	20953644	37095306	75.26%	6.672%
62	19.381	2783	2787	2790	rVV	1250177	1800100	3.65%	0.324%
63	19.416	2790	2793	2805	rVB5	1358487	2671475	5.42%	0.480%
64	19.528	2805	2812	2815	rBV3	1138186	2089969	4.24%	0.376%
65	19.563	2815	2818	2822	rVV2	929276	1388357	2.82%	0.250%
66	19.704	2830	2842	2848	rBV2	19292528	45568739	92.45%	8.196%
67	19.763	2848	2852	2859	rVB3	1829743	3284565	6.66%	0.591%
68	19.881	2860	2872	2876	rBV	1478668	3113846	6.32%	0.560%
69	19.939	2878	2882	2887	rVB2	1171886	1938935	3.93%	0.349%
70	20.033	2891	2898	2908	rBV3	2928008	6537876	13.26%	1.176%
71	20.169	2916	2921	2923	rBV4	2208075	3565736	7.23%	0.641%
72	20.216	2924	2929	2933	rVB	6004490	9785640	19.85%	1.760%
73	20.310	2940	2945	2950	rBV	5079757	7489448	15.19%	1.347%
74	20.375	2950	2956	2959	rVV2	4463767	7136880	14.48%	1.284%
75	20.410	2959	2962	2967	rVV	2322734	3546456	7.20%	0.638%
76	20.457	2967	2970	2975	rVB2	1041900	1531373	3.11%	0.275%

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 Title : SVOA CALIBRATION

77	20.516	2976	2980	2984	rBV	2811594	4119270	8.36%	0.741%
78	20.569	2984	2989	2993	rVB	3792409	5316635	10.79%	0.956%
79	20.863	3035	3039	3043	rVB2	1052768	1737063	3.52%	0.312%
80	20.963	3050	3056	3059	rBV4	1033973	2556661	5.19%	0.460%
81	21.004	3059	3063	3071	rVB	2431915	4614685	9.36%	0.830%
82	21.186	3087	3094	3098	rBV3	2825091	5641229	11.44%	1.015%
83	21.233	3098	3102	3106	rVV	3630412	5169045	10.49%	0.930%
84	21.286	3106	3111	3115	rVV2	2484680	4740607	9.62%	0.853%
85	21.351	3118	3122	3135	rVB	2336355	5270991	10.69%	0.948%
86	21.610	3156	3166	3172	rBV2	12031527	26047769	52.85%	4.685%
87	21.680	3173	3178	3192	rVB	12875821	24154356	49.00%	4.344%
88	21.833	3199	3204	3213	rBV2	1725374	3747859	7.60%	0.674%
89	22.310	3283	3285	3290	rVB	829134	1019997	2.07%	0.183%
90	22.392	3294	3299	3304	rVV	3340588	5907851	11.99%	1.063%
91	22.463	3307	3311	3317	rVB	1945094	3202179	6.50%	0.576%
92	22.669	3341	3346	3350	rBV	1447765	2662369	5.40%	0.479%
93	22.722	3350	3355	3361	rVB2	2108770	4198808	8.52%	0.755%
94	23.098	3414	3419	3426	rBV2	637823	1324614	2.69%	0.238%
95	23.945	3550	3563	3569	rBV	5854870	23463634	47.60%	4.220%
96	24.180	3598	3603	3611	rVB	1341487	2910926	5.91%	0.524%
97	24.668	3679	3686	3693	rBV	1287760	3549862	7.20%	0.638%
98	24.827	3705	3713	3725	rVB	4030923	11256734	22.84%	2.025%
99	24.968	3731	3737	3745	rBV3	861991	2595920	5.27%	0.467%
100	28.792	4381	4387	4389	rBV	1176551	1988255	4.03%	0.358%

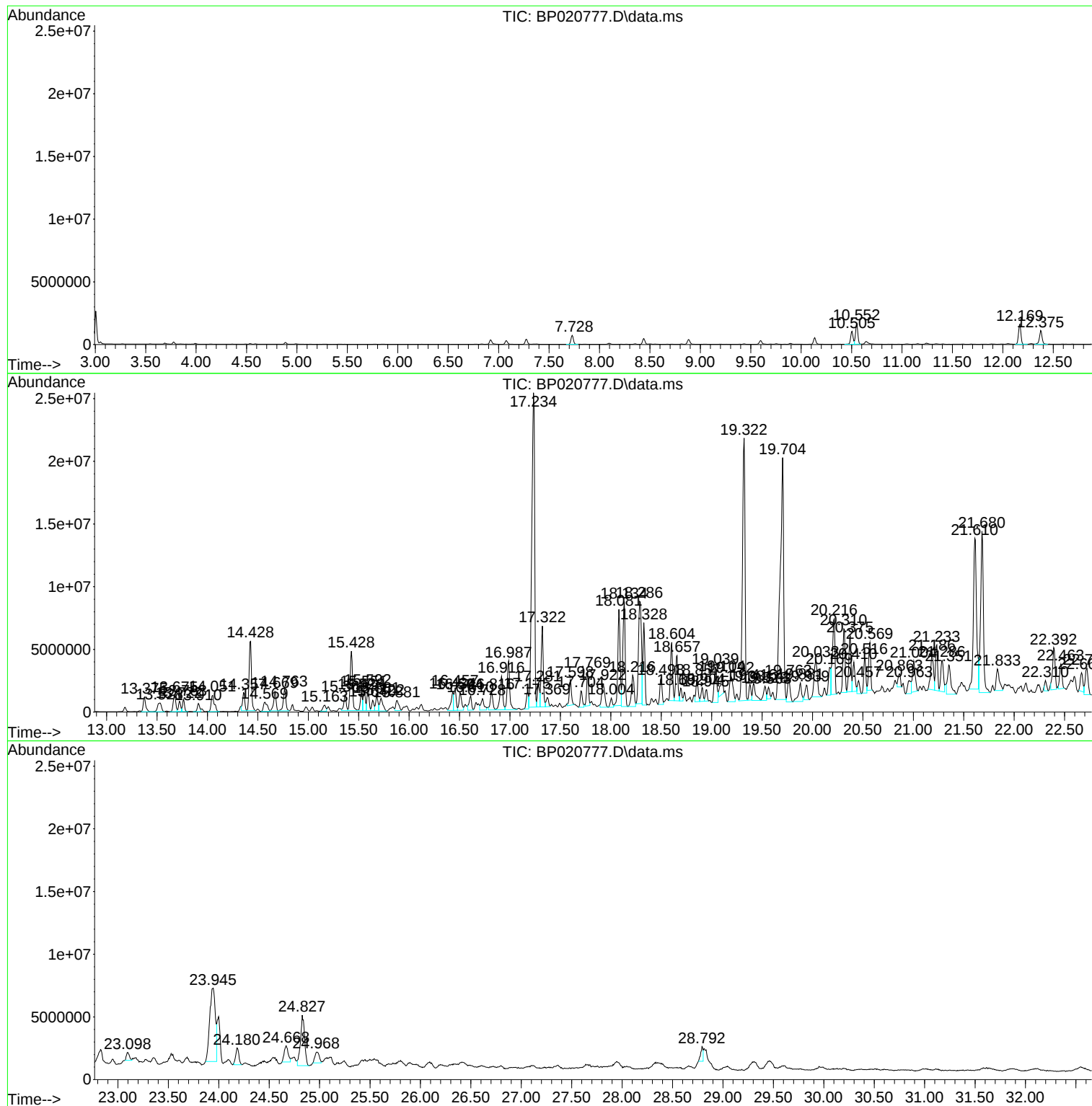
Sum of corrected areas: 556008870

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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



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Misc :
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Instrument :
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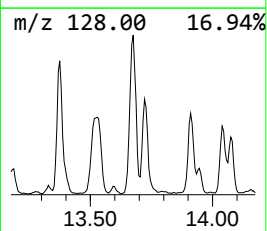
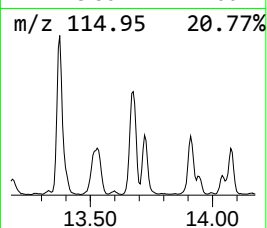
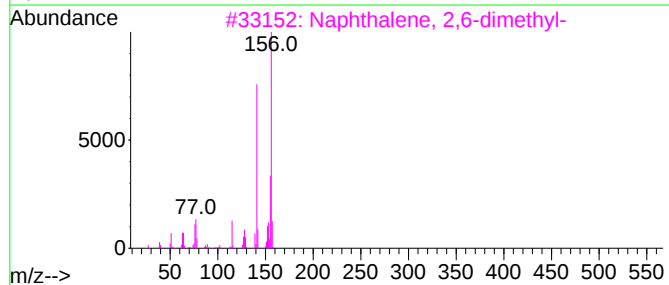
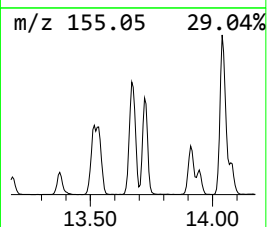
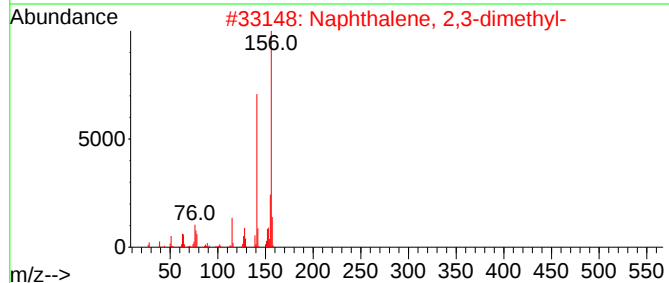
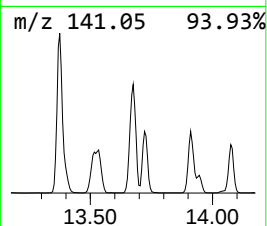
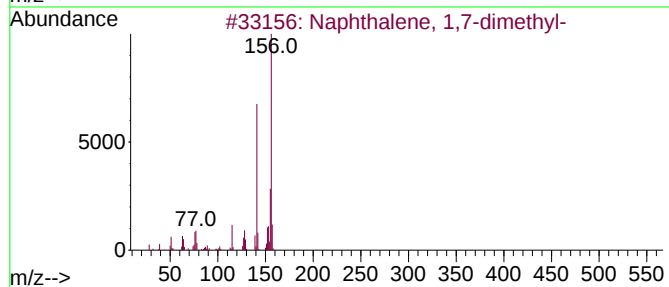
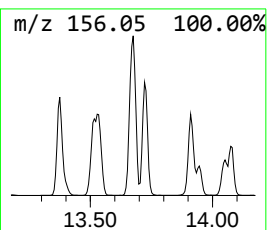
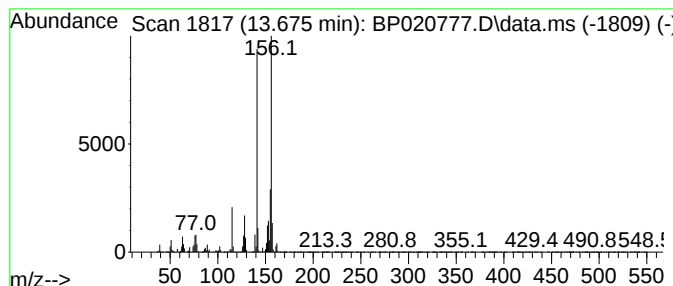
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,7-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.675	20.32 ng/ul	2273610	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



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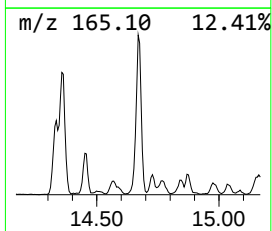
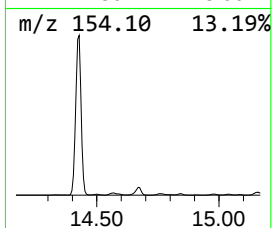
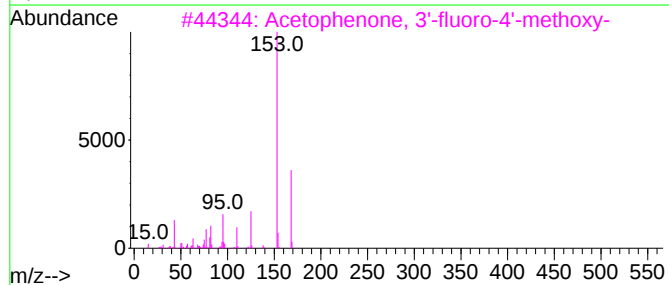
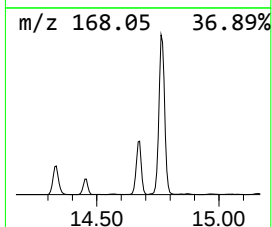
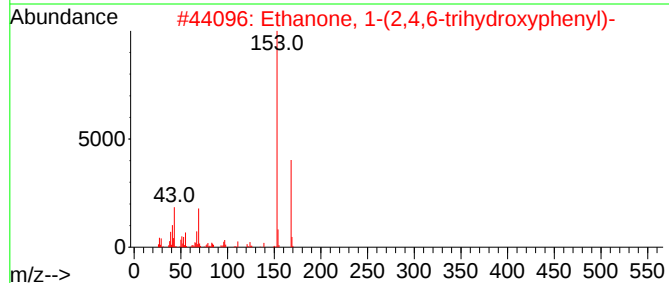
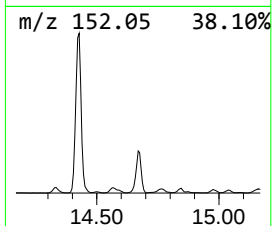
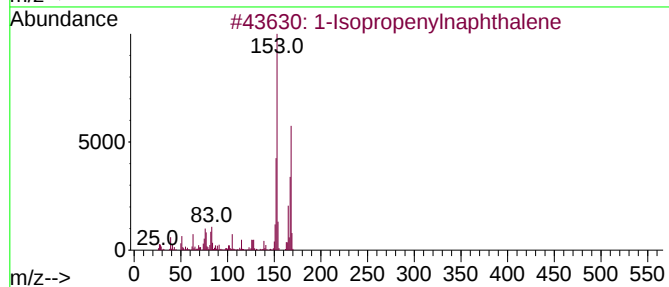
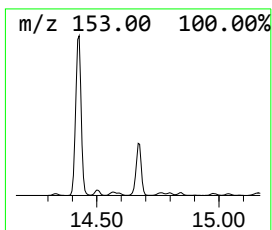
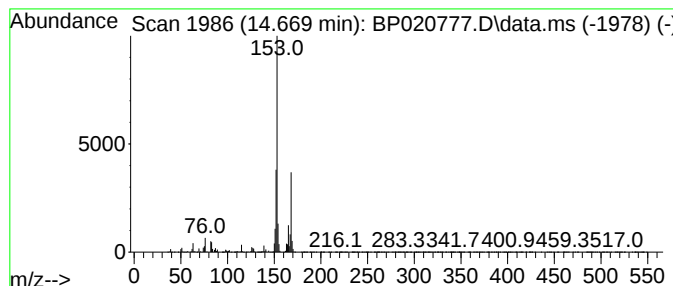
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 1-Isopropenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.669	23.19 ng/ul	2595350	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Isopropenylnaphthalene	168	C13H12	001855-47-6	80
2			Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	49
3			Acetophenone, 3'-fluoro-4'-methoxy-	168	C9H9FO2	000455-91-4	47
4			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47
5			Ethanone, 1-(2,3,4-trihydroxyphe...	168	C8H8O4	000528-21-2	47



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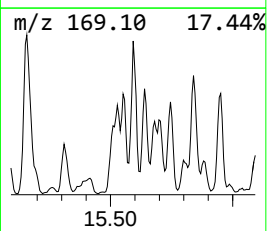
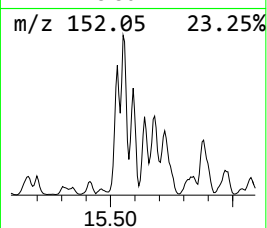
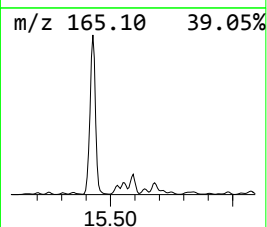
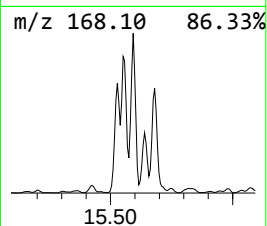
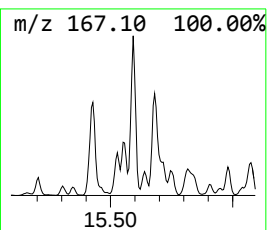
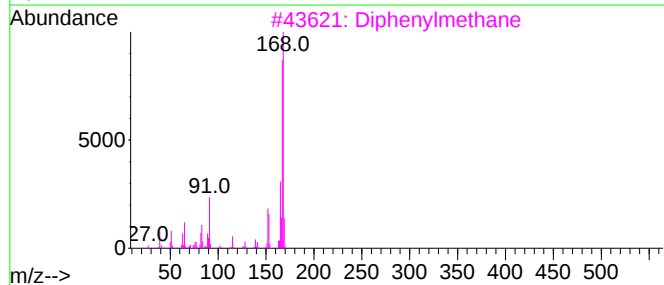
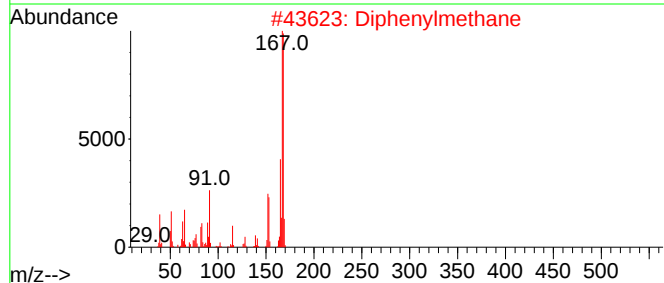
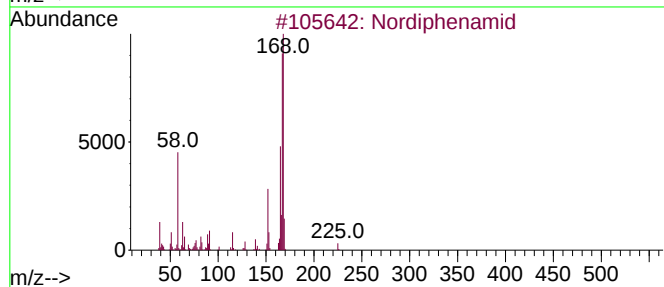
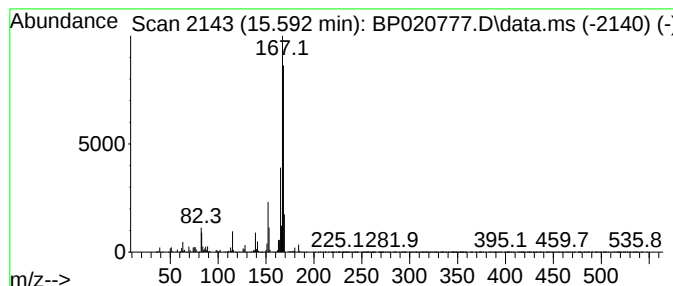
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Nordiphenamid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.592	21.26 ng/ul	2379030	Acenaphthene-d10	14.357

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nordiphenamid	225	C15H15NO	000954-21-2	83
2			Diphenylmethane	168	C13H12	000101-81-5	81
3			Diphenylmethane	168	C13H12	000101-81-5	64
4			1,1'-Biphenyl, 3-methyl-	168	C13H12	000643-93-6	60
5			1,1-Diphenyl-2-propanol	212	C15H16O	029338-49-6	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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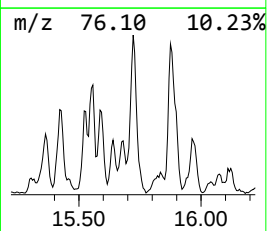
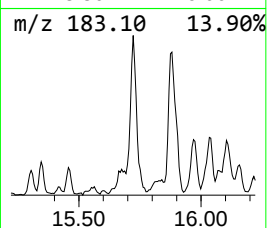
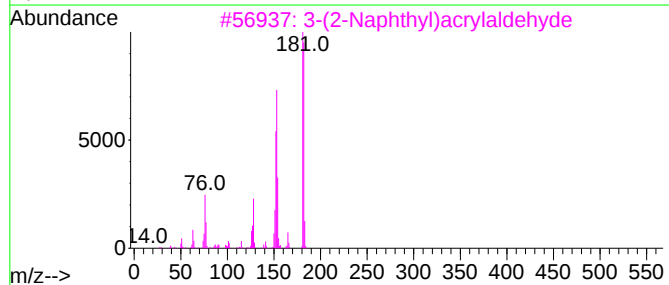
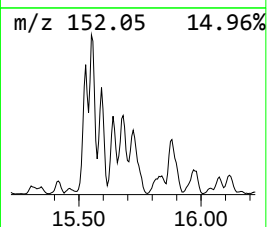
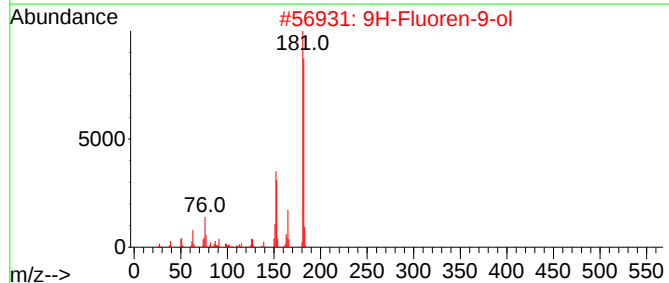
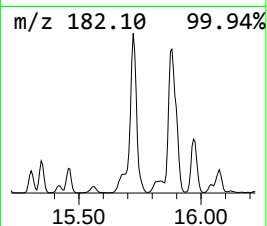
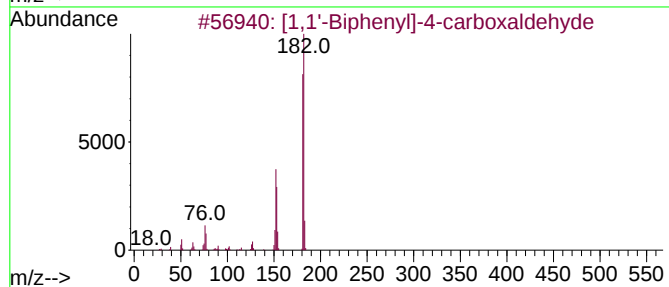
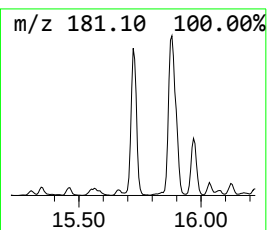
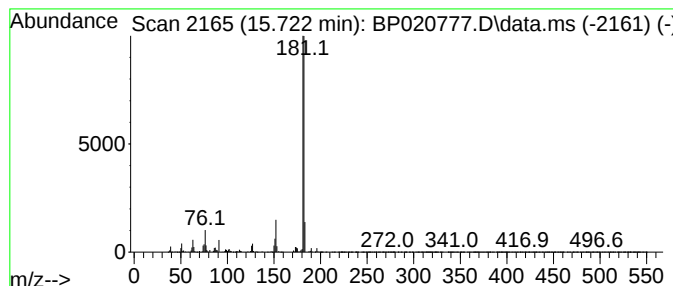
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.722	19.51 ng/ul	2182890	Acenaphthene-d10	14.357

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3		3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	78
4		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72
5		Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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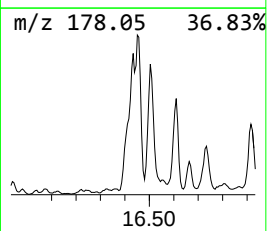
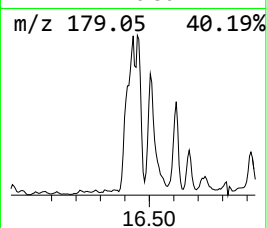
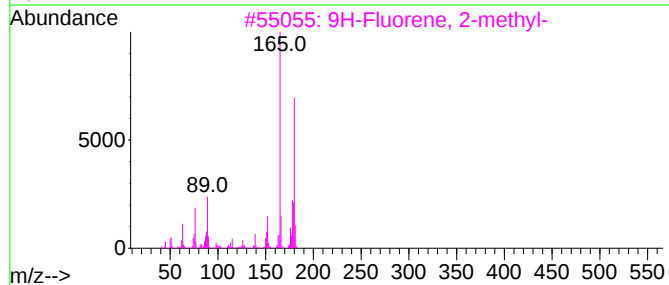
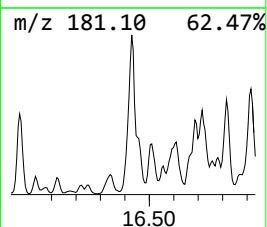
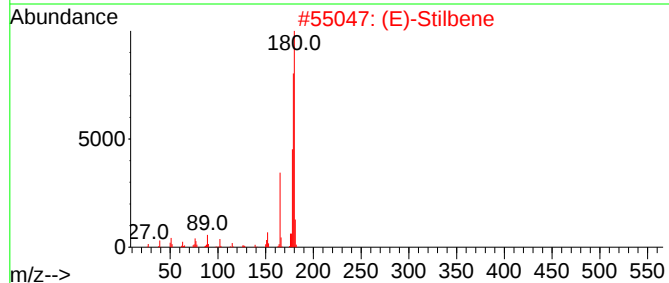
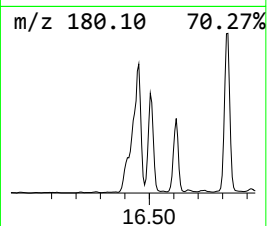
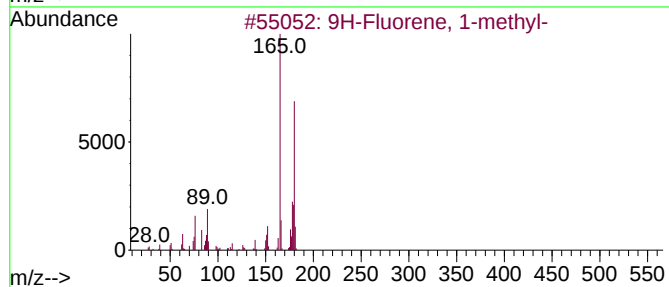
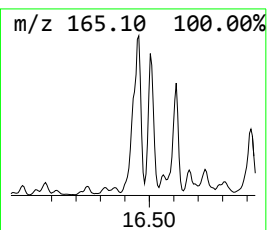
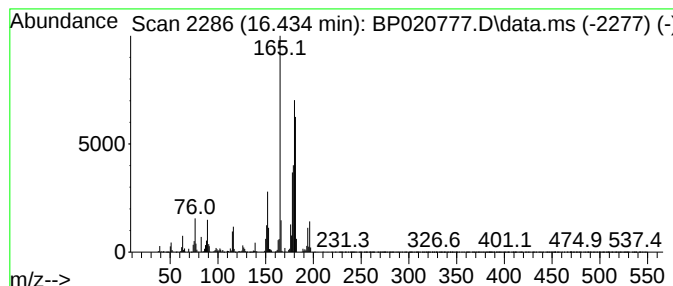
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 9H-Fluorene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.434	23.44 ng/ul	2562590	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89
2			(E)-Stilbene	180	C14H12	000103-30-0	70
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	60
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	58
5			3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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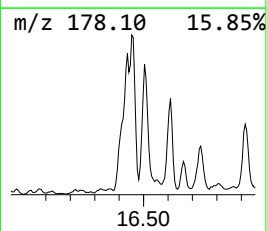
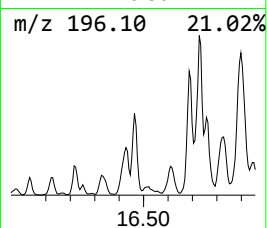
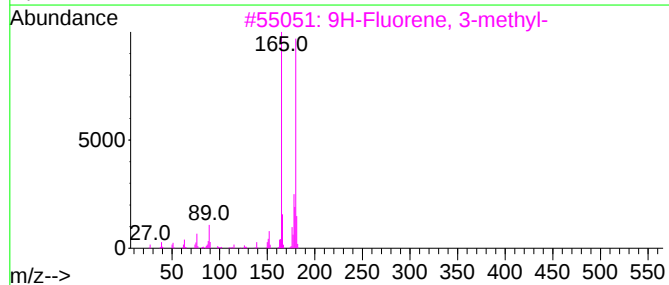
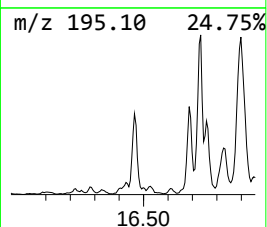
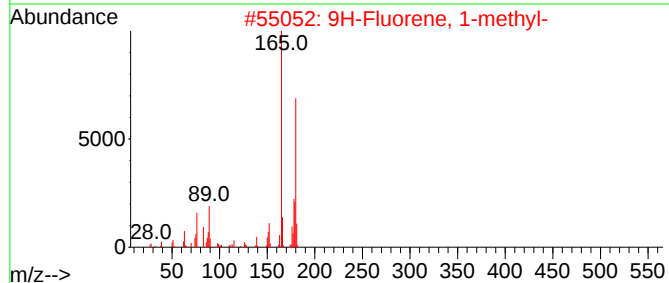
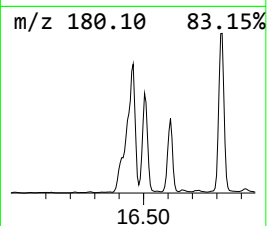
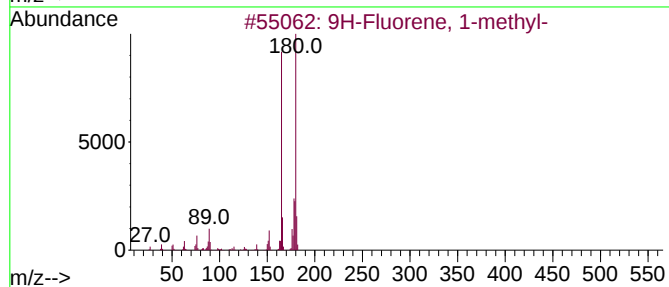
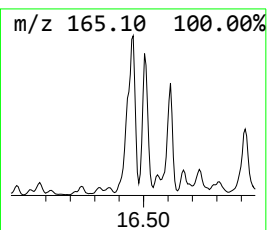
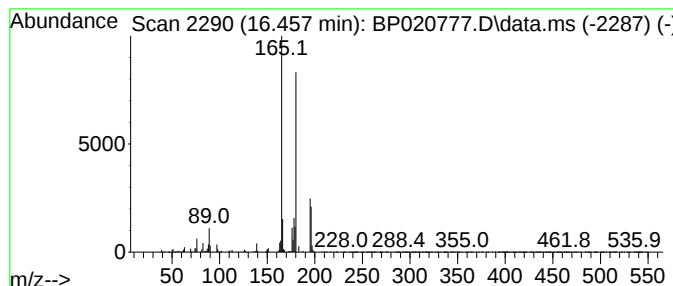
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 9H-Fluorene, 3-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.457	22.84 ng/ul	2497470	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
2			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
3			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	68
4			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62
5			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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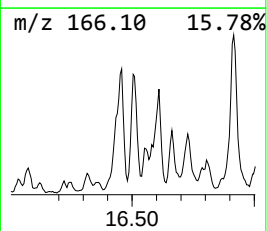
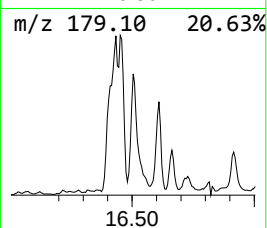
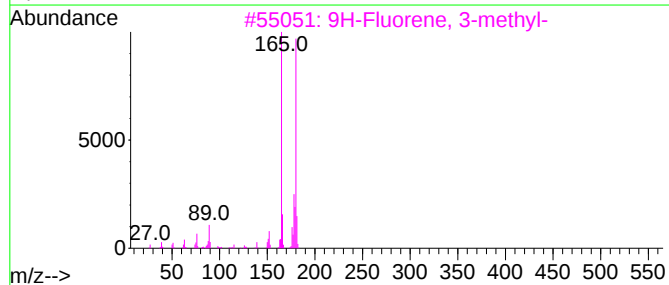
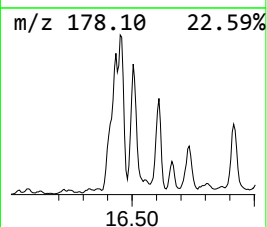
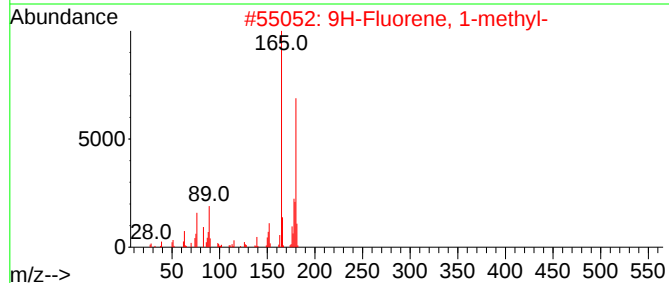
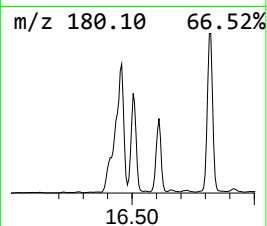
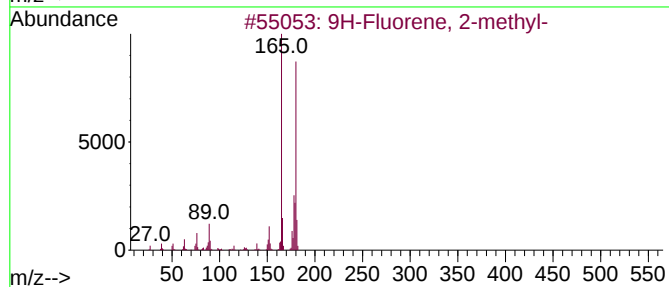
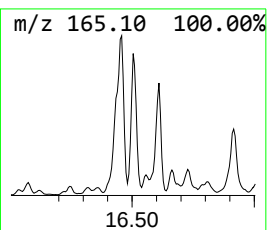
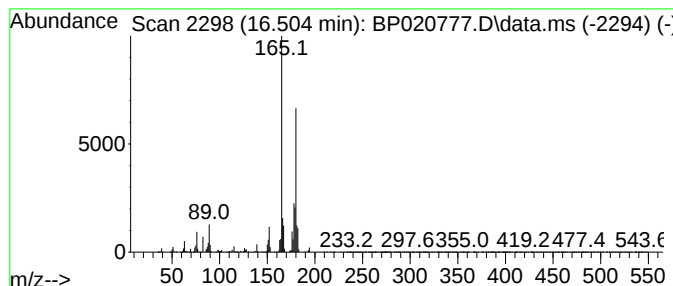
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 9H-Fluorene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.504	23.39 ng/ul	2556840	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
2		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
3		9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
5		9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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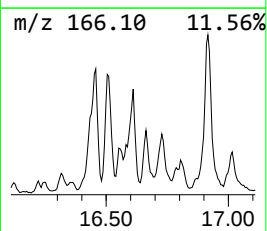
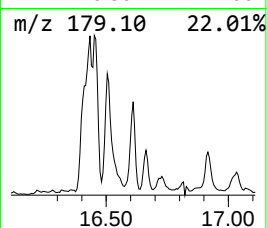
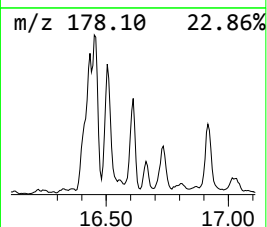
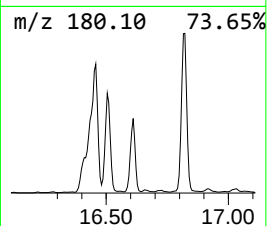
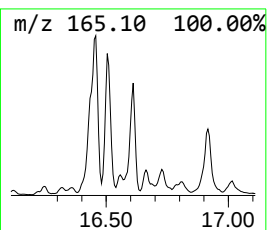
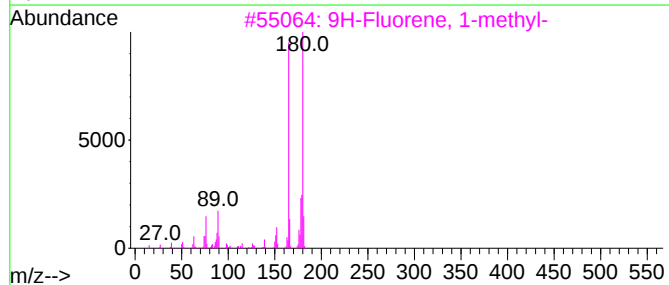
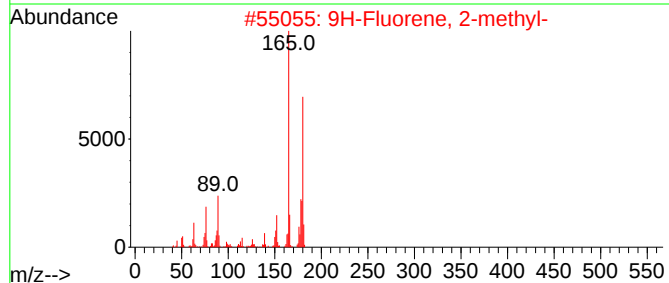
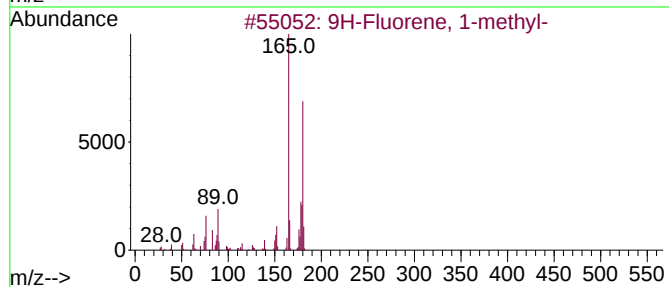
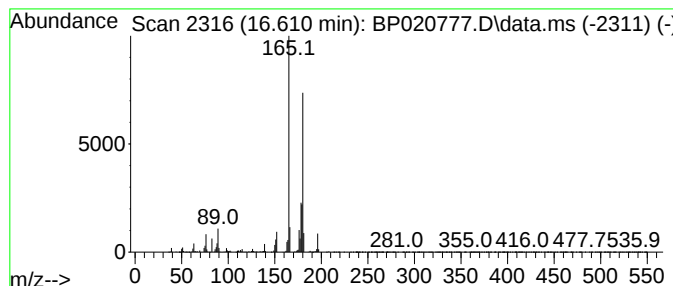
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 unknown-01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.610	17.36 ng/ul	1897870	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	95
2	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	93
3	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	90
4	9H-Fluorene, 2-methyl-		180	C14H12	001430-97-3	90
5	9H-Fluorene, 1-methyl-		180	C14H12	001730-37-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
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Misc :
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Instrument :
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ClientSampleId :
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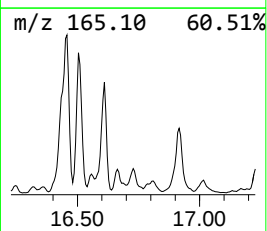
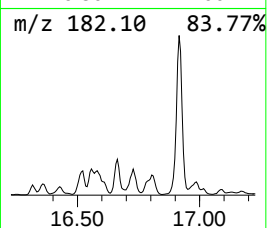
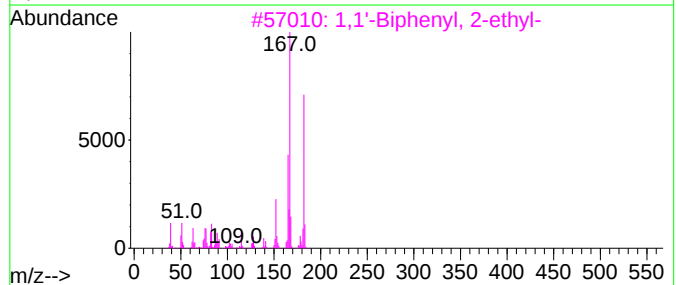
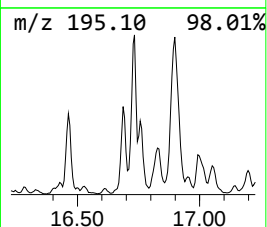
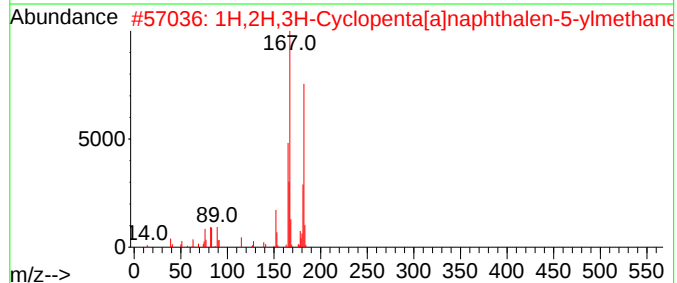
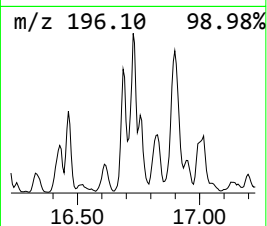
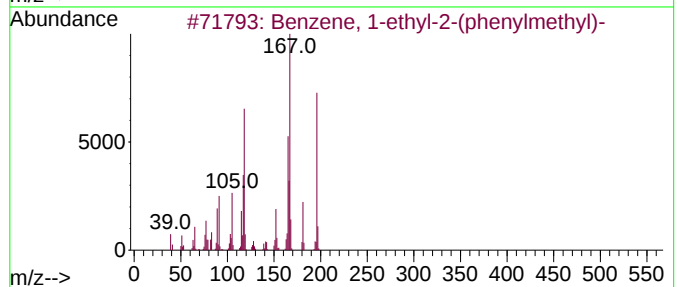
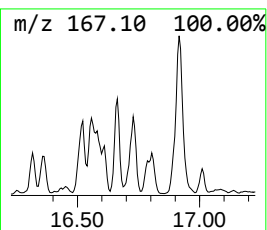
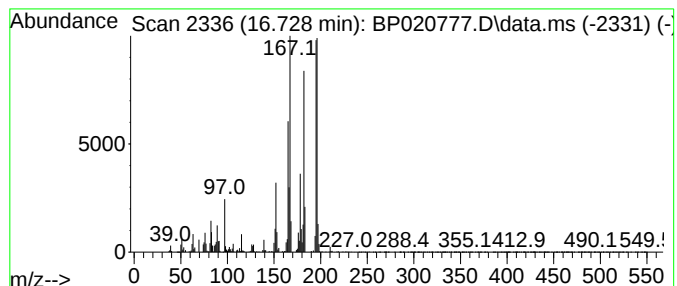
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzene, 1-ethyl-2-(phenylm... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	18.30 ng/ul	2000500	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethyl-2-(phenylmethyl)-	196	C15H16	028122-25-0	50
2			1H,2H,3H-Cyclopenta[a]naphthalen...	182	C14H14	001624-22-2	50
3			1,1'-Biphenyl, 2-ethyl-	182	C14H14	001812-51-7	50
4			4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	49
5			2,2'-Dimethylbiphenyl	182	C14H14	000605-39-0	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

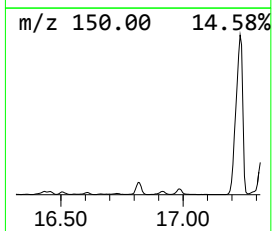
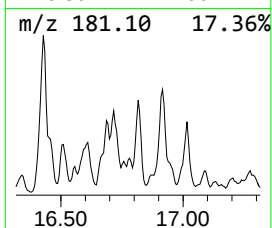
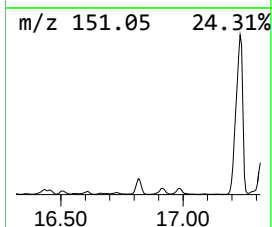
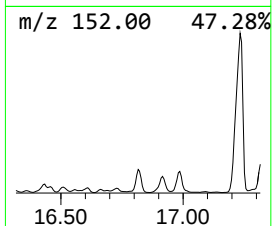
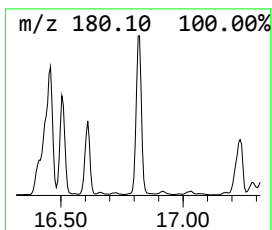
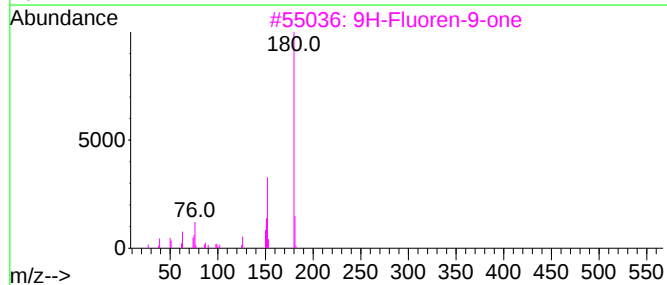
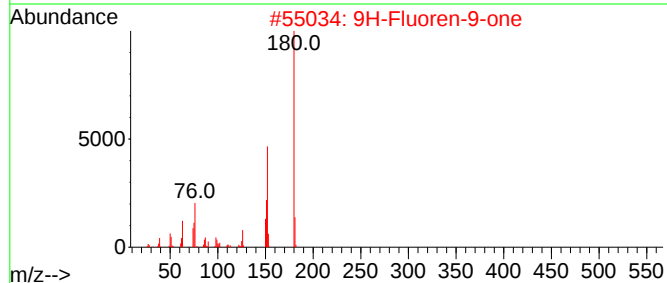
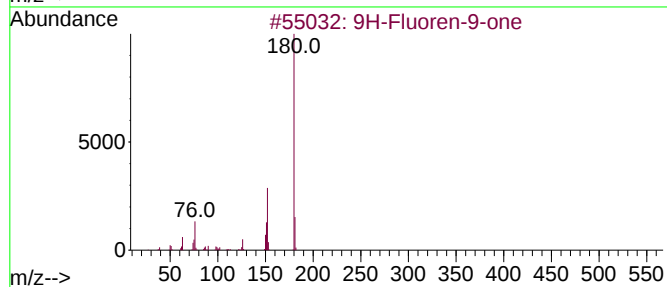
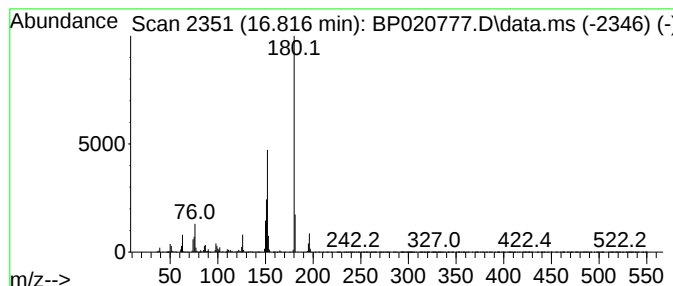
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluoren-9-one Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.816	22.54 ng/ul	2464370	Phenanthrene-d10	17.175	
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	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

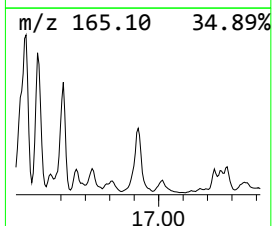
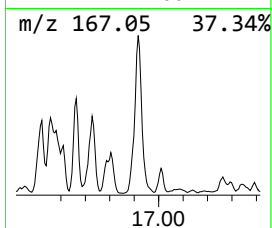
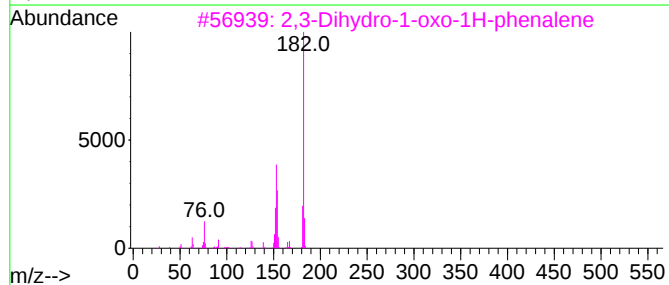
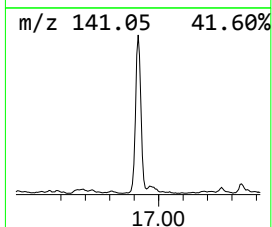
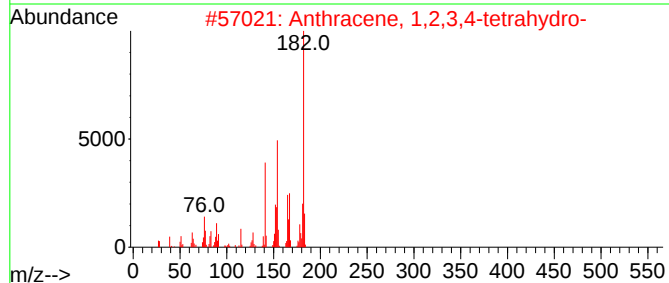
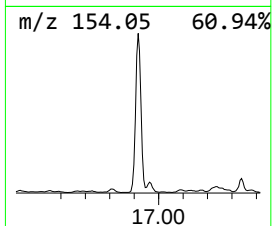
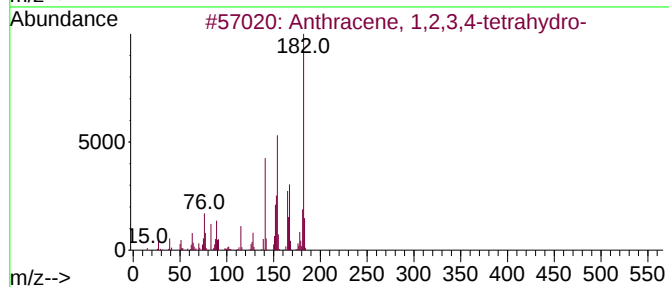
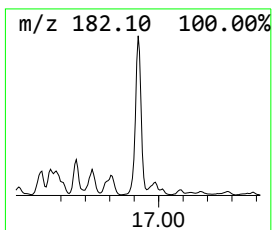
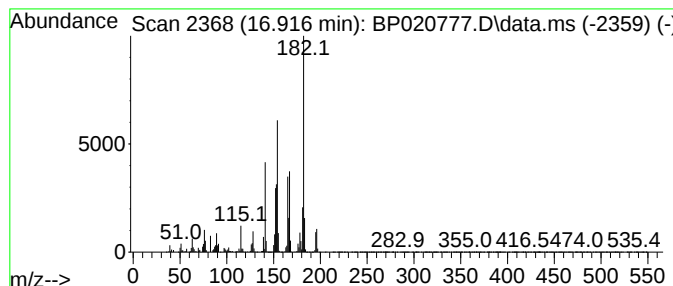
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BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.	
16.916	47.23 ng/ul	5163800	Phenanthrene-d10		17.175	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	98
2	Anthracene, 1,2,3,4-tetrahydro-		182	C14H14	002141-42-6	93
3	2,3-Dihydro-1-oxo-1H-phenalene		182	C13H10O	000518-85-4	87
4	Phenanthrene, 1,2,3,4-tetrahydro-		182	C14H14	001013-08-7	70
5	Phenanthrene, 1,2,3,4-tetrahydro-		182	C14H14	001013-08-7	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

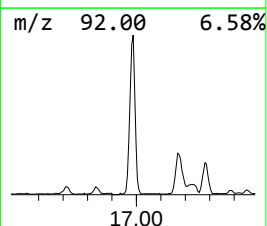
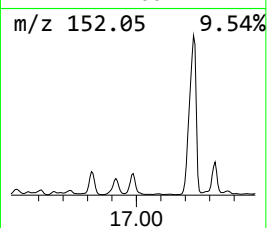
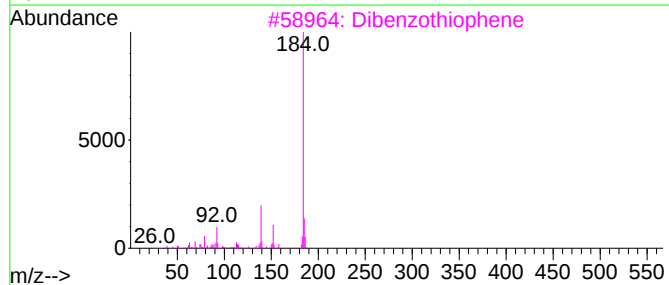
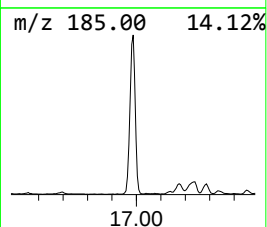
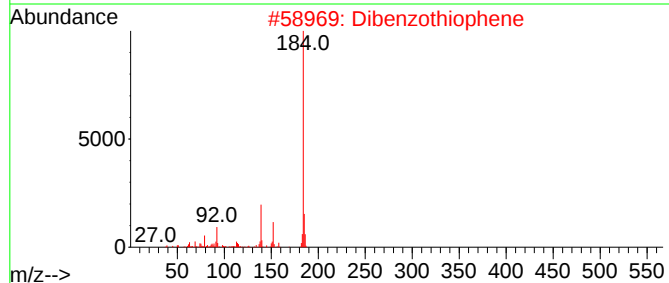
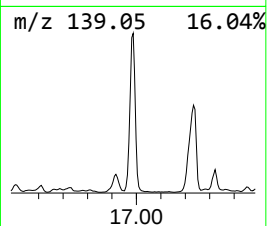
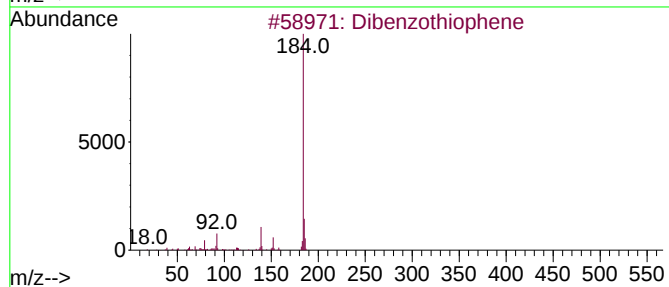
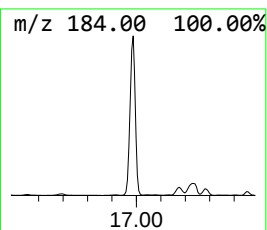
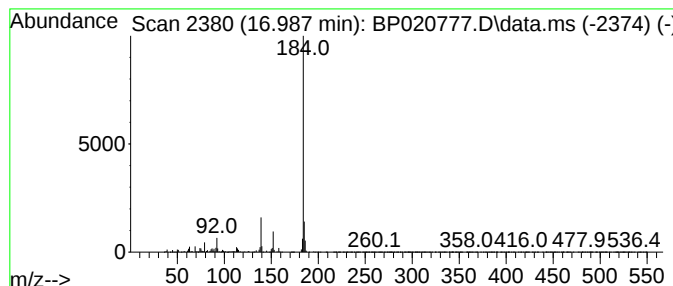
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.986	61.71 ng/ul	6747030	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	96
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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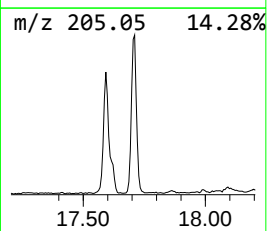
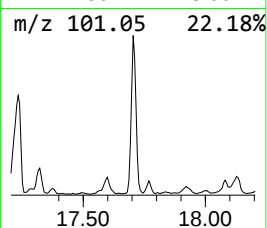
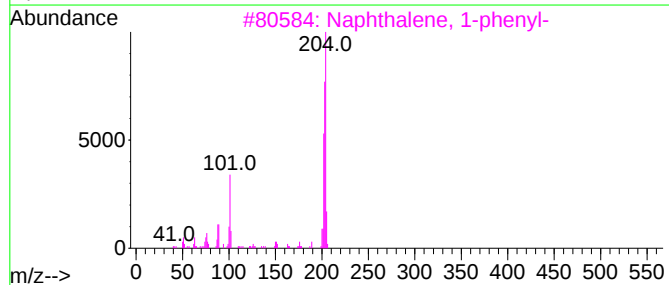
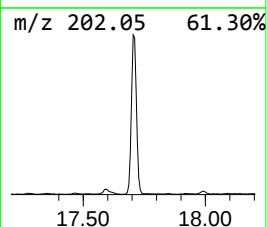
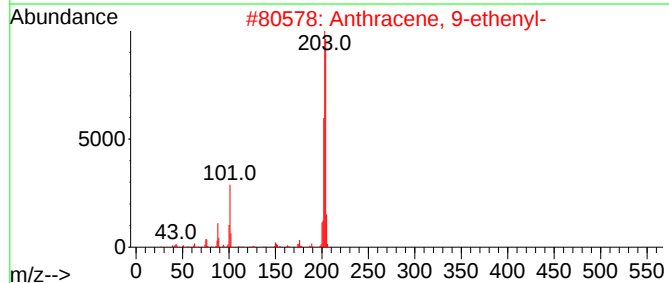
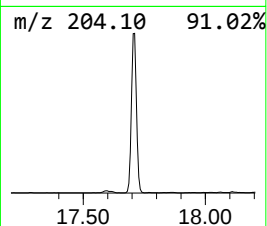
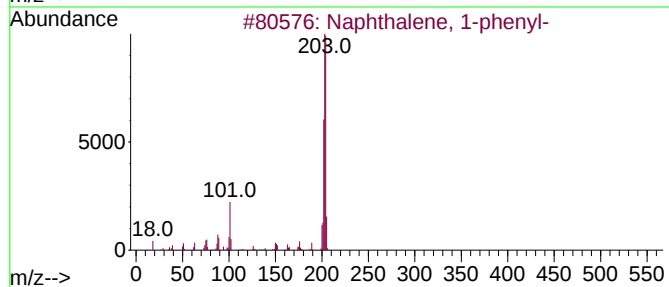
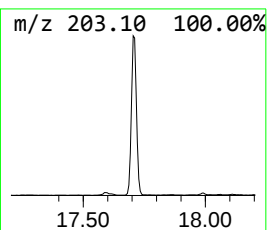
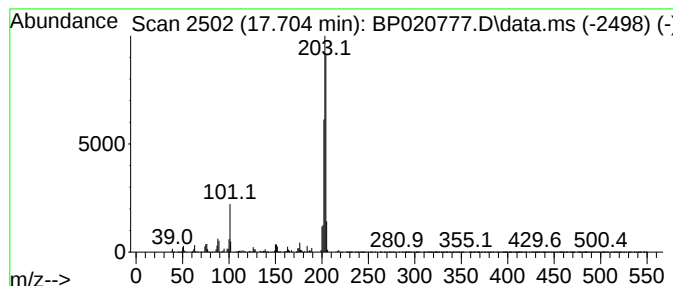
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 1-phenyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.704	17.84 ng/ul	1950320	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
4			1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	89
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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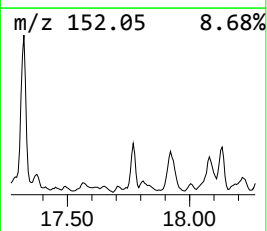
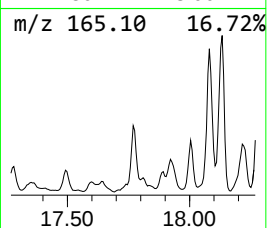
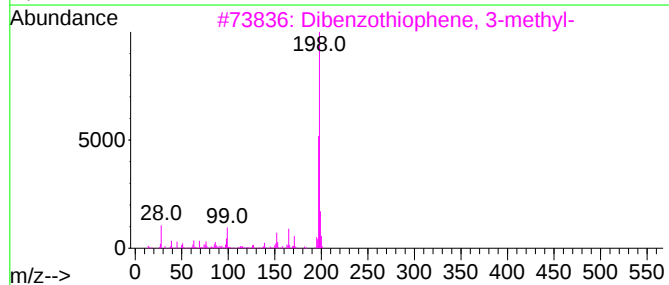
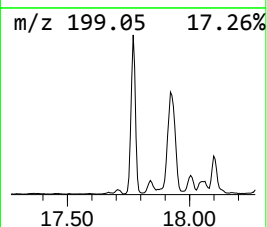
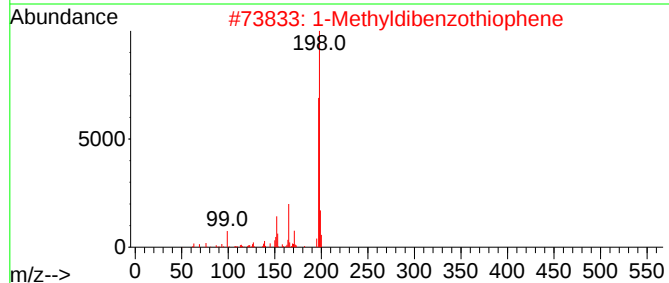
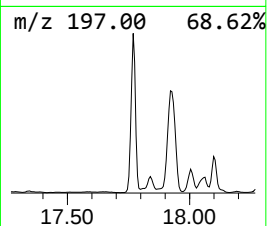
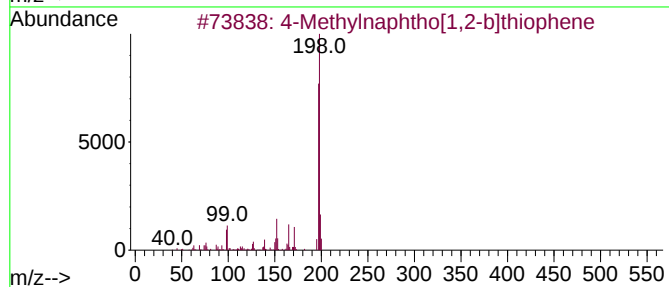
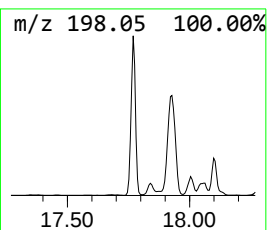
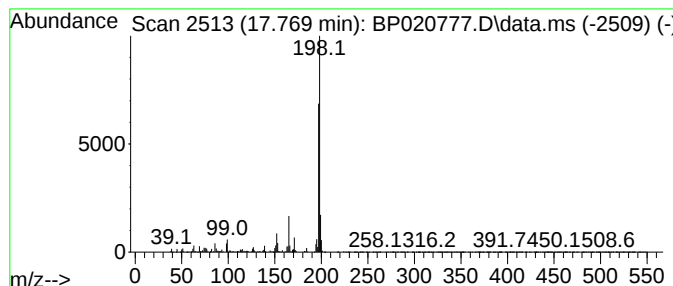
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.769	32.27 ng/ul	3528560	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	96
2			1-Methyldibenzothiophene	198	C13H10S	031317-07-4	95
3			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
4			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	93
5			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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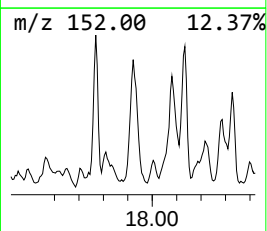
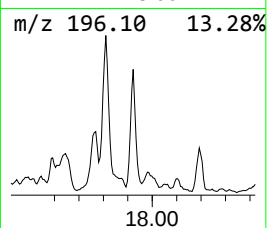
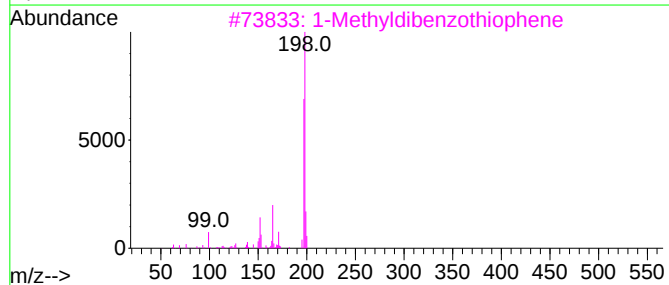
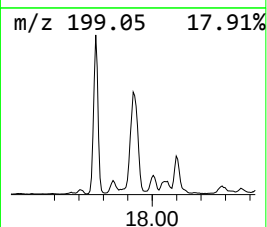
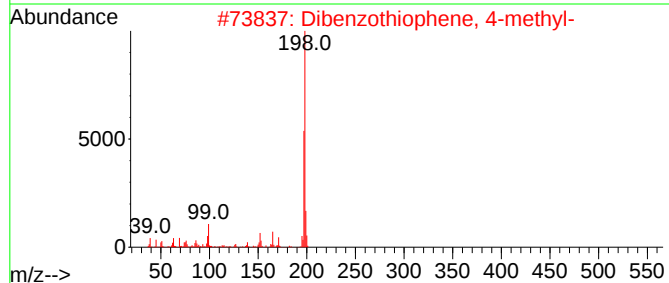
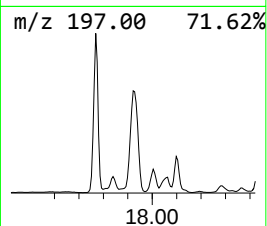
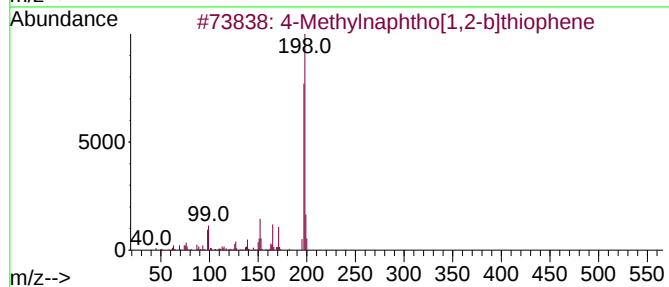
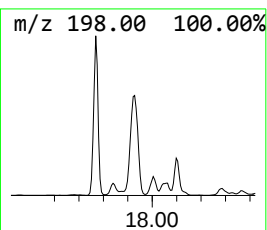
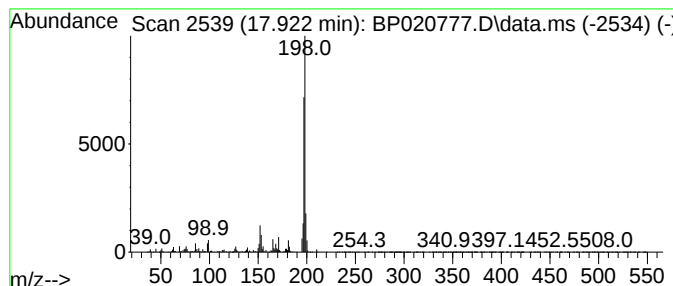
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Dibenzothiophene, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.922	35.59 ng/ul	3891630	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
3		1-Methyldibenzothiophene	198	C13H10S	031317-07-4	93
4		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
5		2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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Misc :
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Instrument :
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ClientSampleId :
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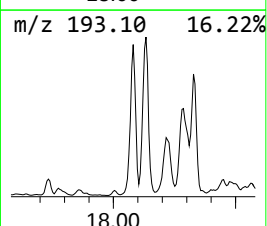
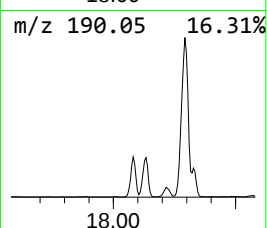
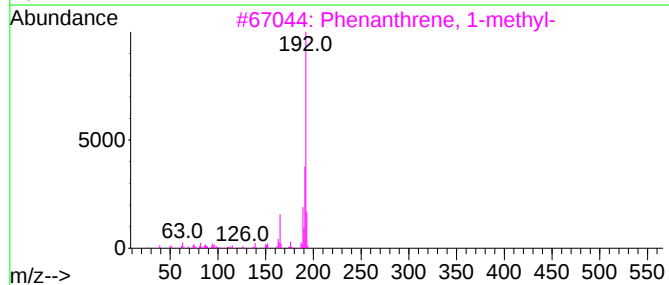
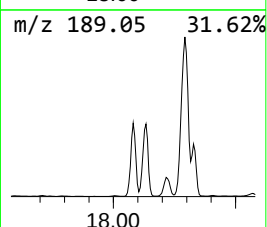
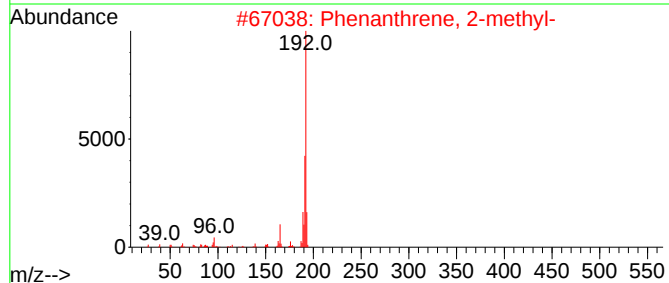
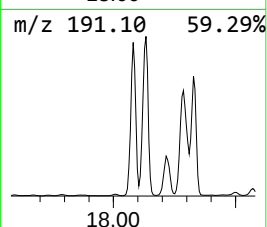
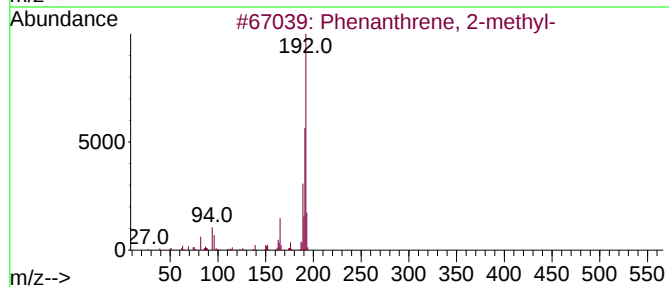
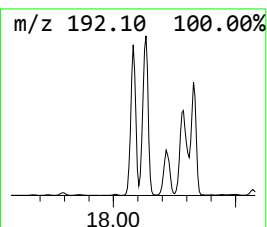
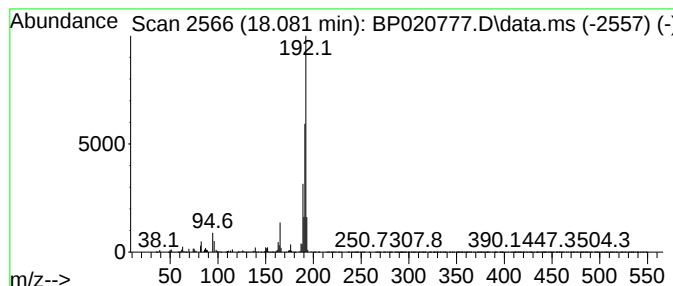
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Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.081	108.49 ng/ul	11860800	Phenanthrene-d10	17.175

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	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4CS2

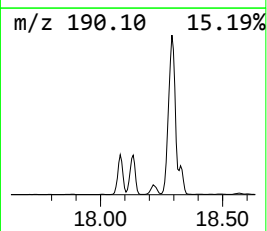
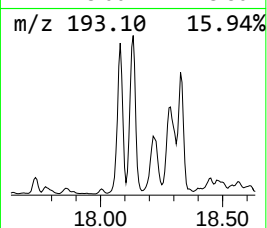
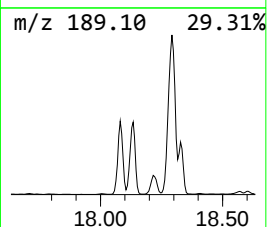
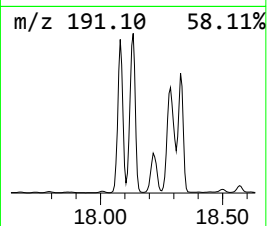
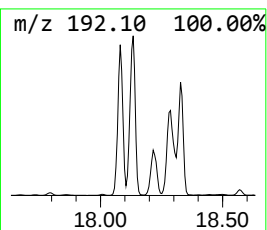
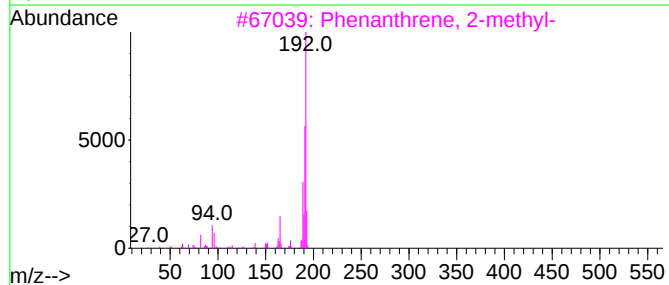
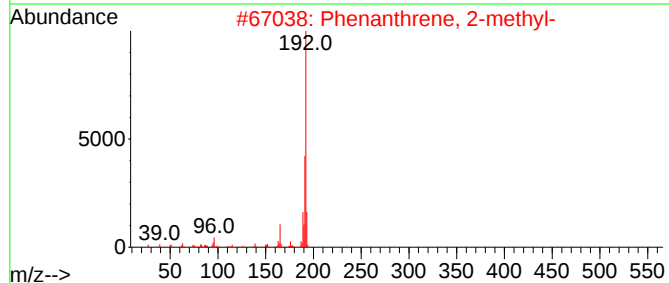
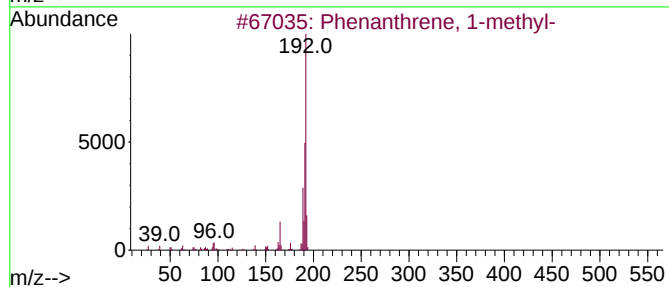
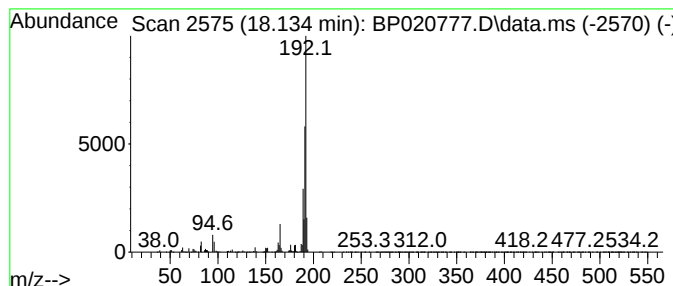
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Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	120.27 ng/ul	13149400	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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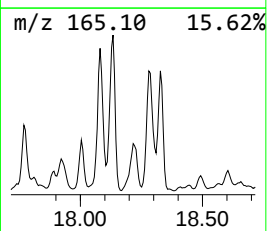
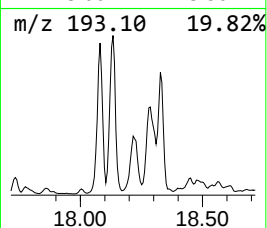
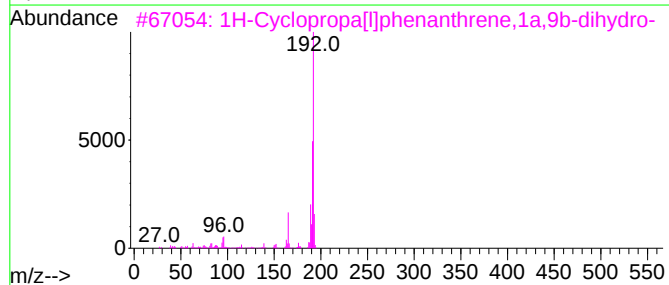
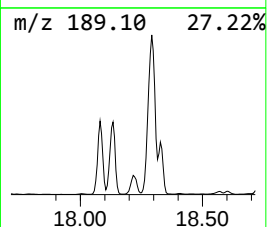
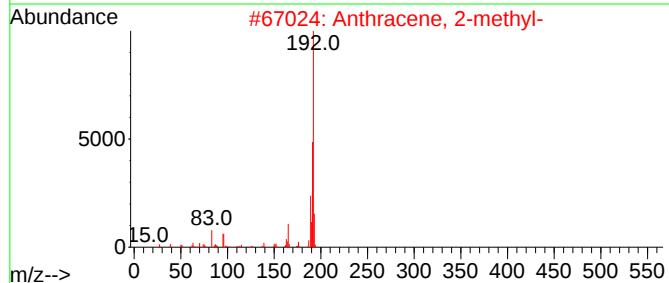
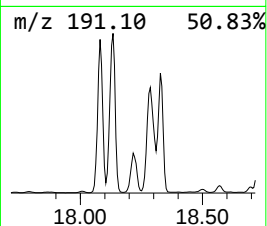
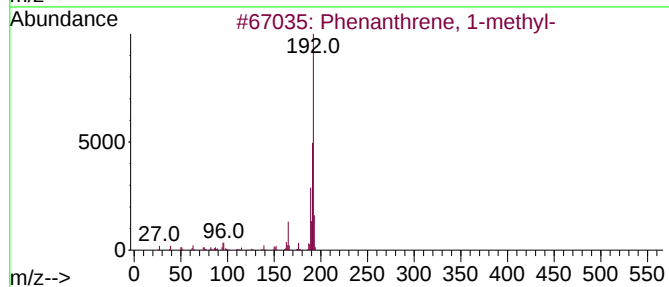
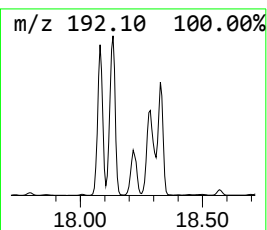
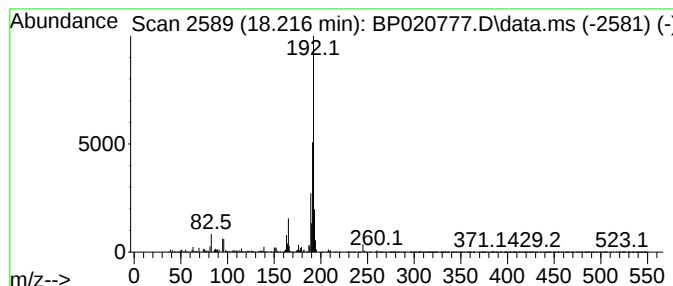
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Quant Title : SVOA CALIBRATION

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

Peak Number 26 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.216	43.04 ng/ul	4705860	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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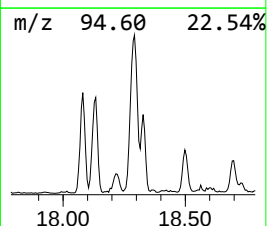
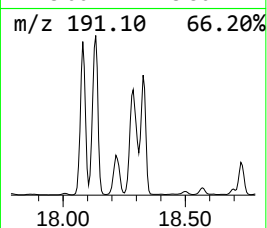
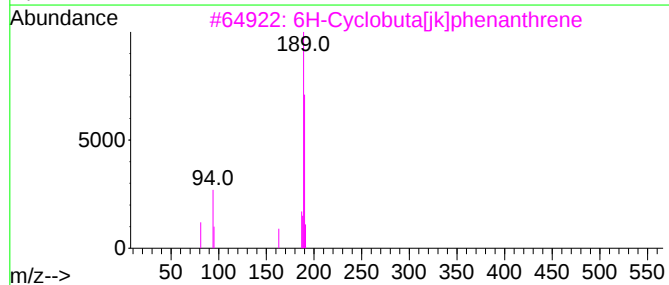
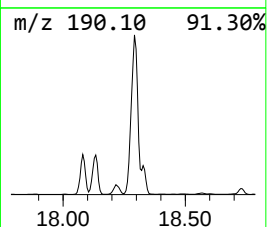
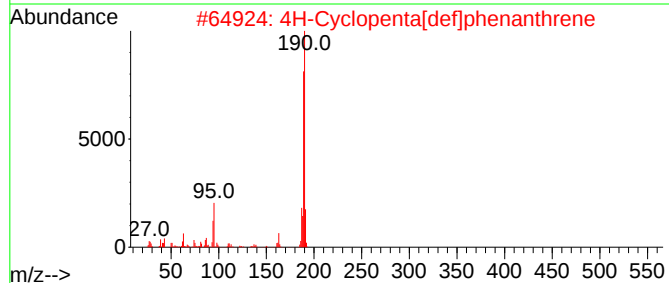
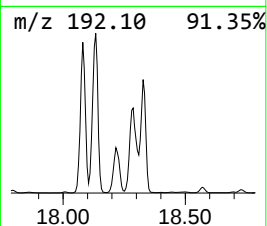
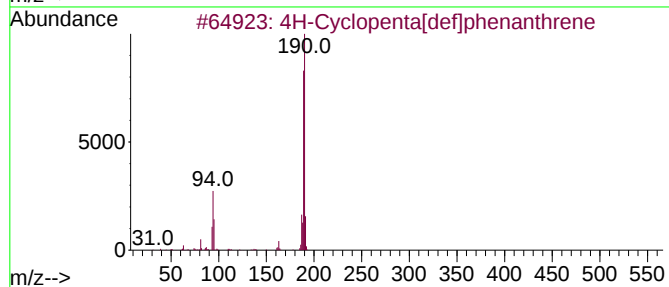
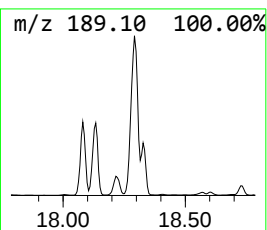
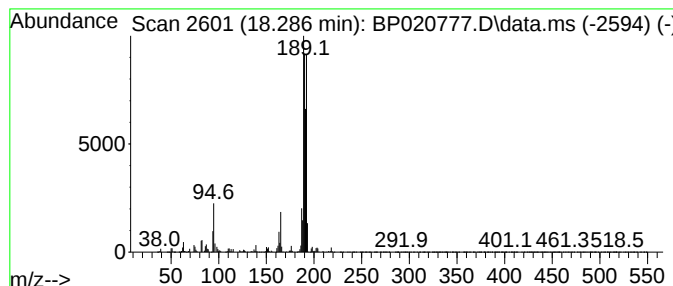
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Quant Title : SVOA CALIBRATION

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

Peak Number 27 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.287	151.24 ng/ul	16534800	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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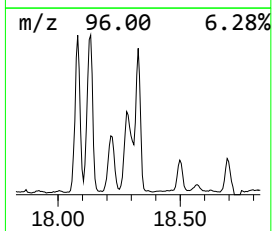
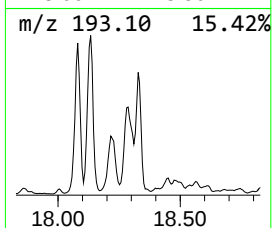
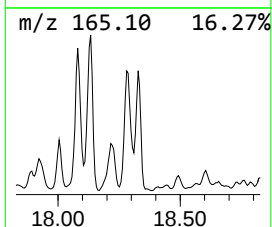
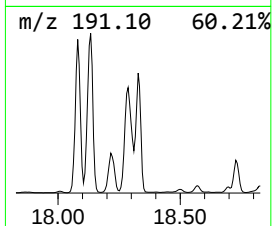
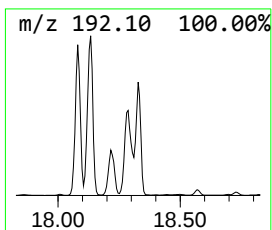
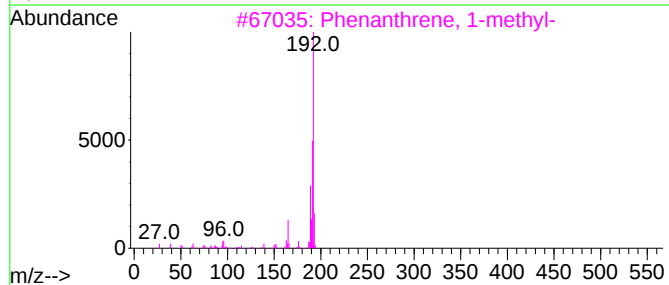
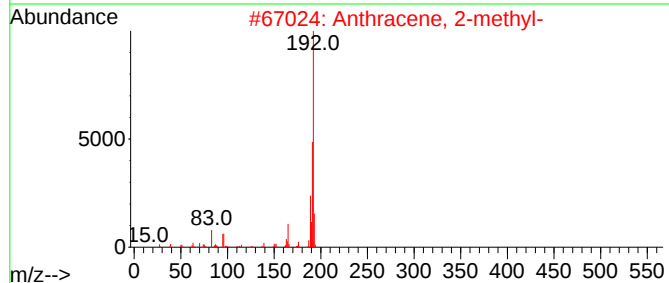
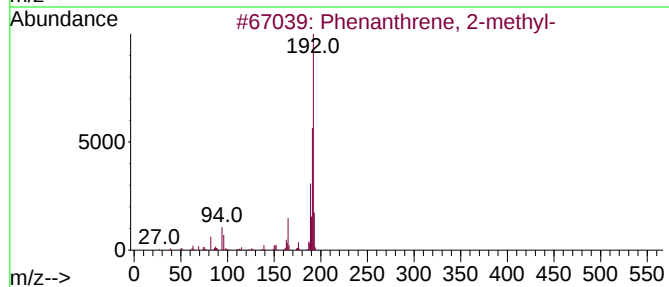
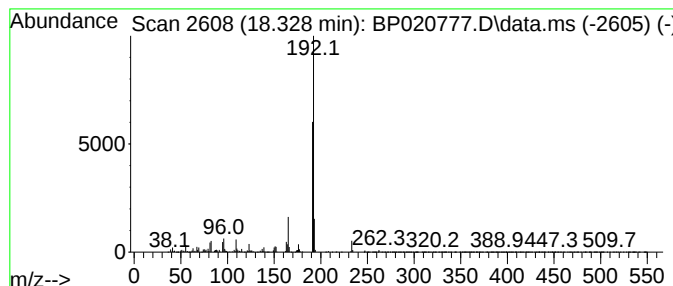
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Quant Title : SVOA CALIBRATION

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

Peak Number 28 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.328	79.41 ng/ul	8682120	Phenanthrene-d10	17.175

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

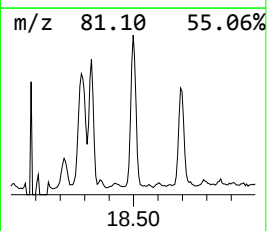
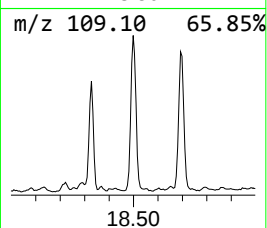
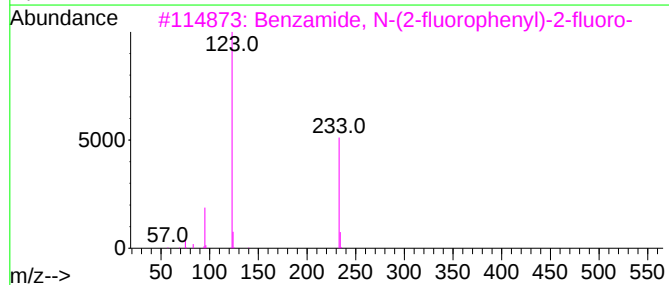
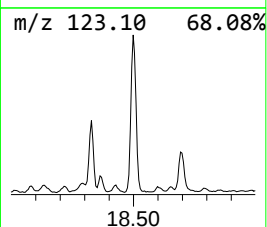
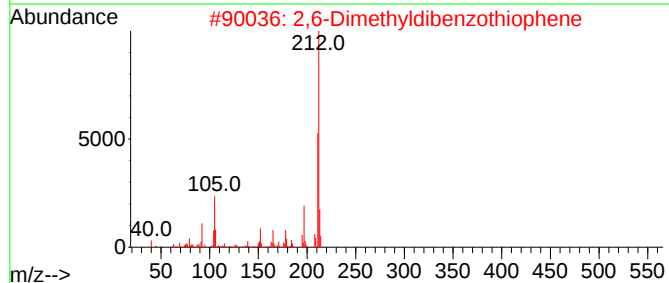
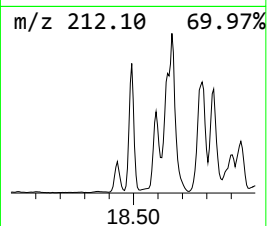
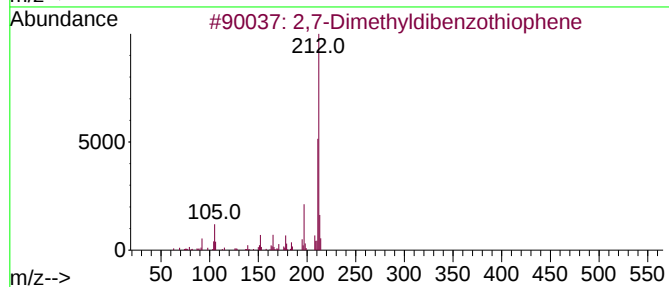
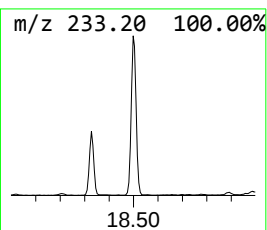
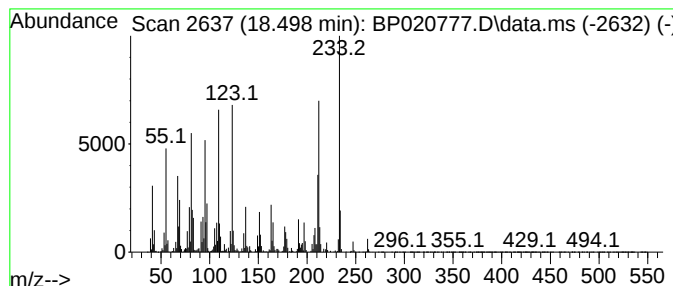
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 29 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.498	29.79 ng/ul	3257070	Phenanthrene-d10	17.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	46
2	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	44
3	Benzamide, N-(2-fluorophenyl)-2-...	233	C13H9F2NO	1000308-09-1	43
4	Dibenzothiophene, 4,6-dimethyl-	212	C14H12S	001207-12-1	42
5	4H-1,2,4-triazole-3,5-diamine, N...	233	C11H12FN5	1000396-40-8	41



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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ClientSampleId :
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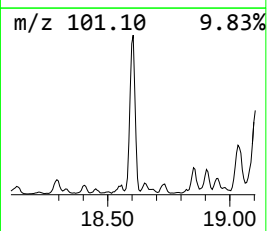
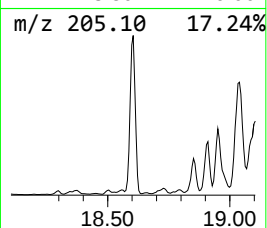
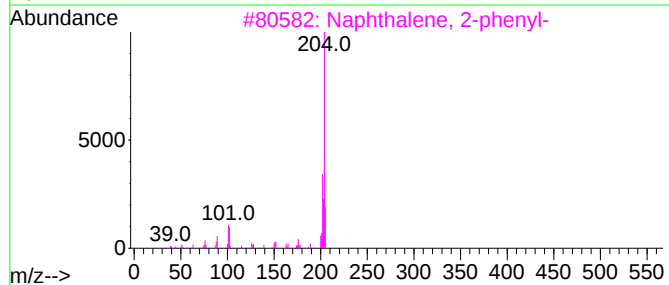
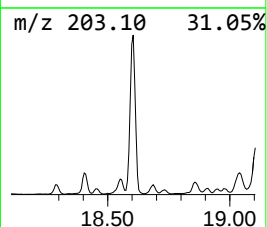
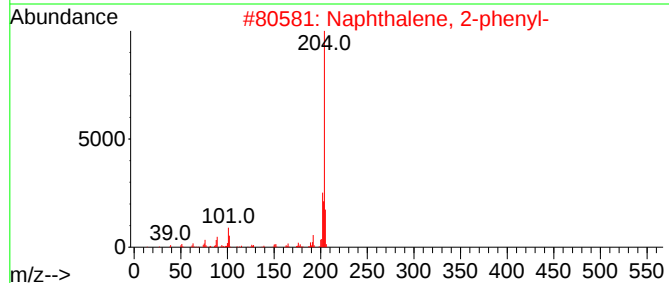
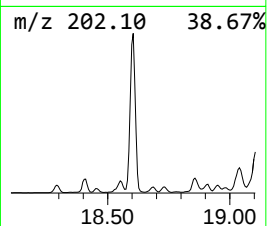
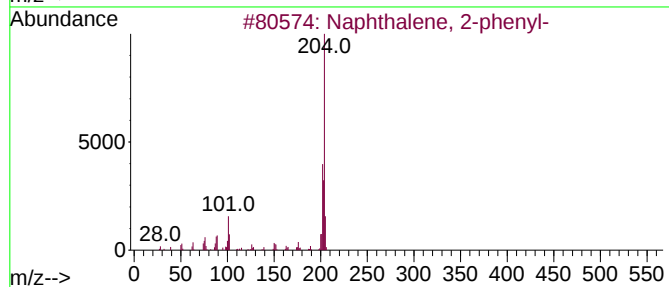
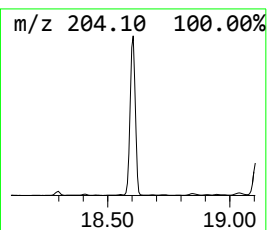
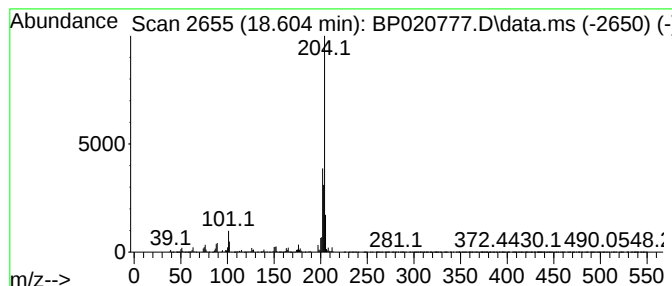
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Quant Title : SVOA CALIBRATION

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

Peak Number 30 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	61.87 ng/ul	6764830	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	92
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
4			5,16[1',2']: 8,13[1',2'']-Dibenz...	408	C32H24	005672-97-9	91
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

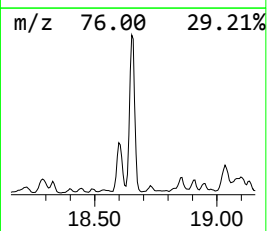
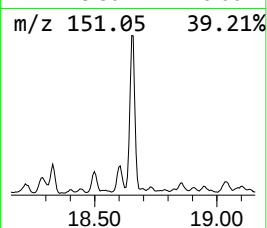
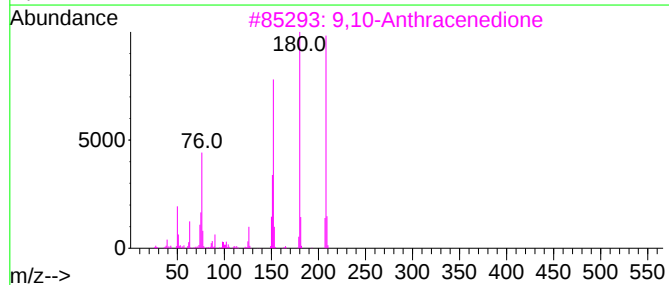
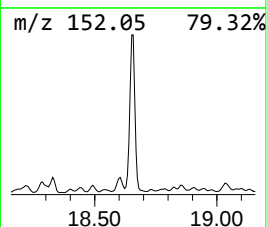
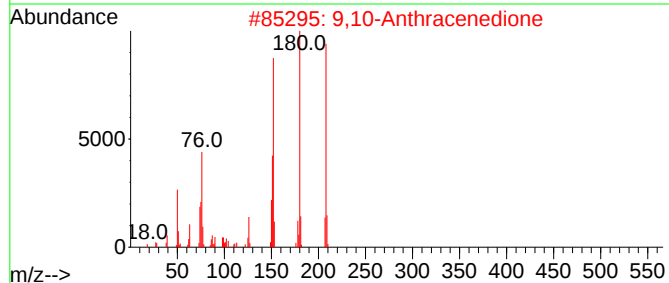
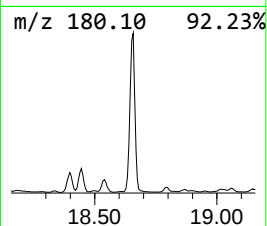
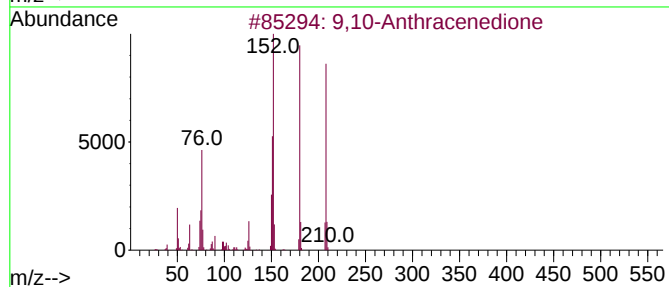
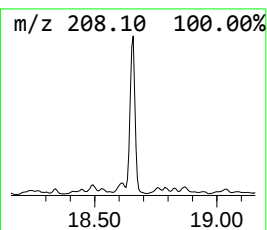
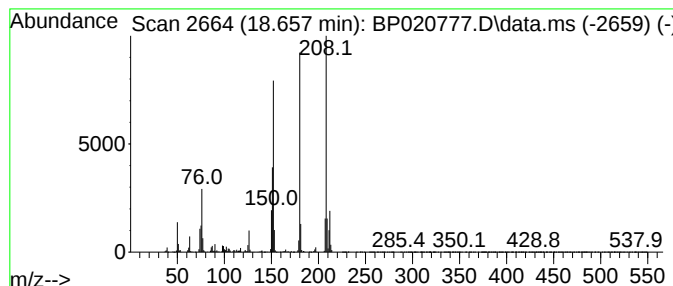
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ClientSampleId :
A4CS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.657	49.98 ng/ul	5464770	Phenanthrene-d10	17.175	
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	93
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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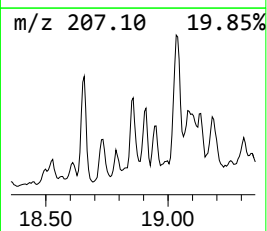
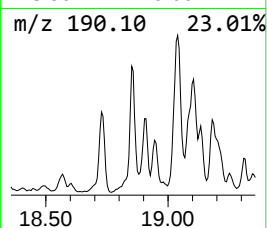
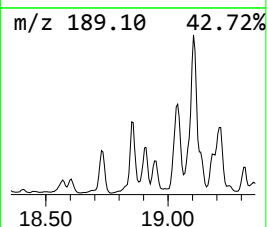
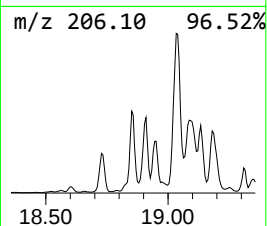
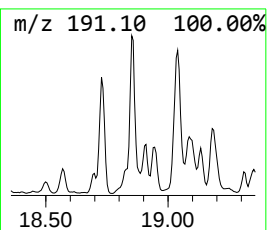
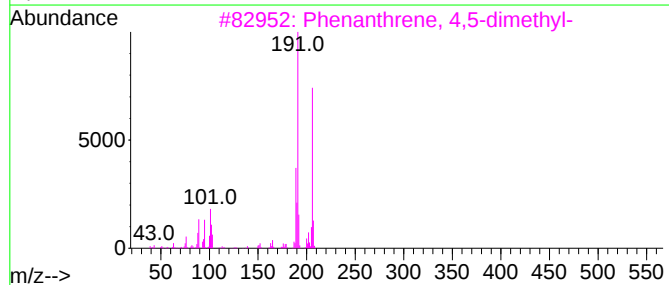
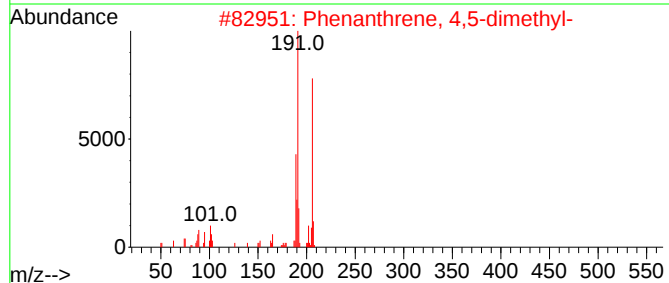
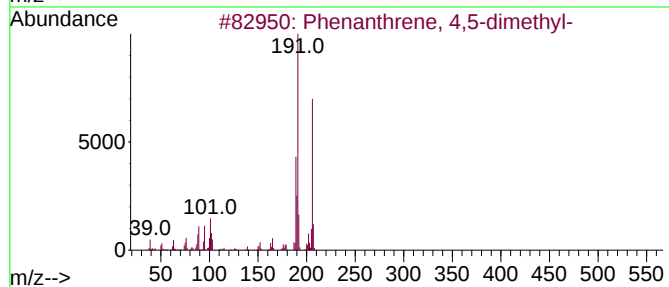
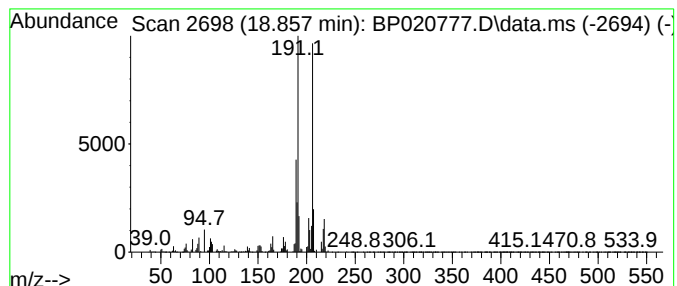
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Quant Title : SVOA CALIBRATION

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

Peak Number 33 Phenanthrene, 4,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.857	25.78 ng/ul	2818630	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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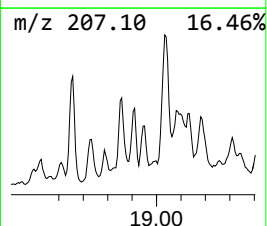
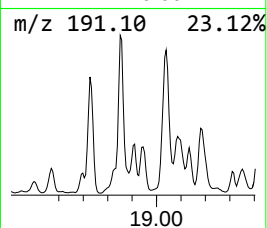
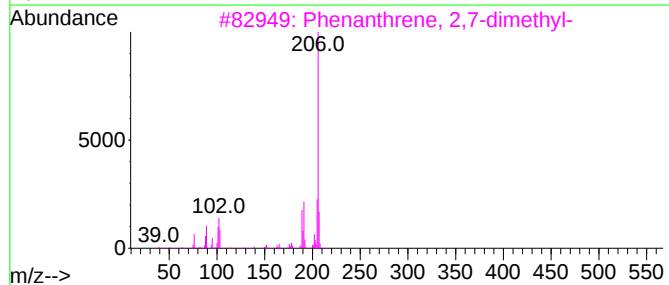
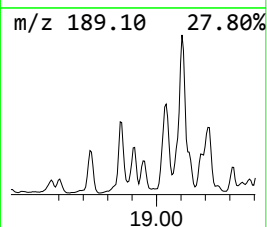
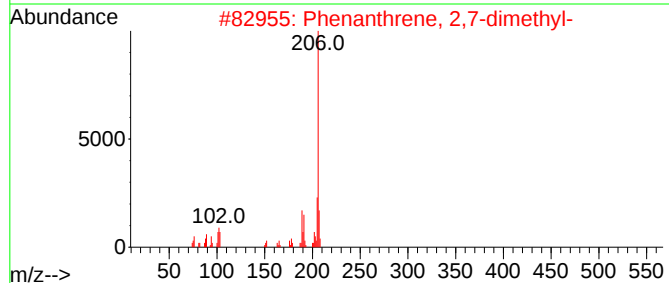
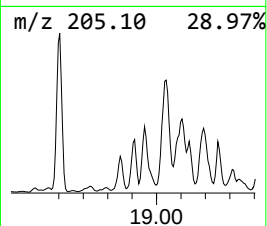
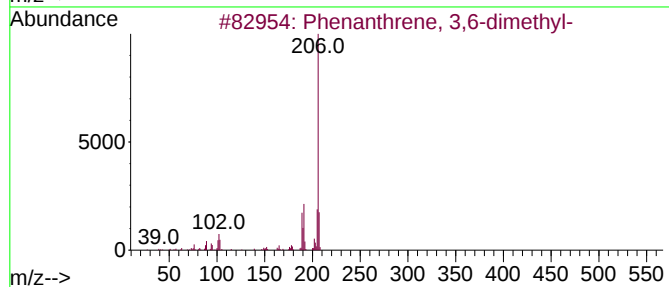
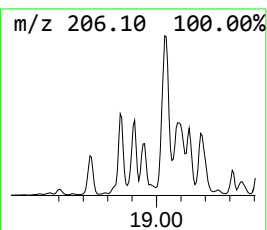
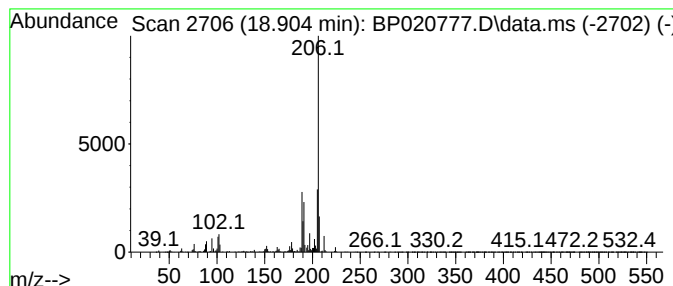
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Quant Title : SVOA CALIBRATION

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

Peak Number 34 Phenanthrene, 3,6-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.904	15.38 ng/ul	1681490	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	83
5			di-p-Tolylacetylene	206	C16H14	002789-88-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

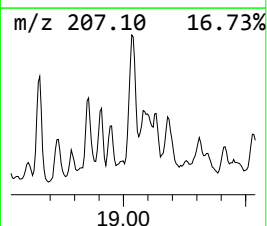
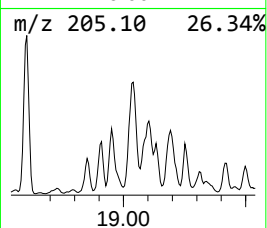
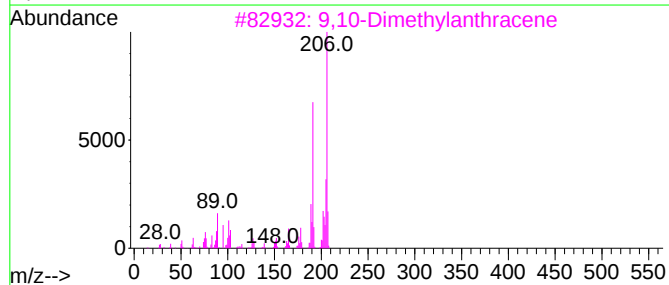
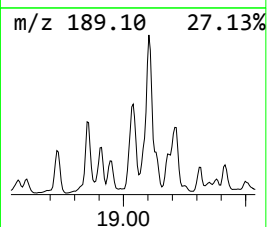
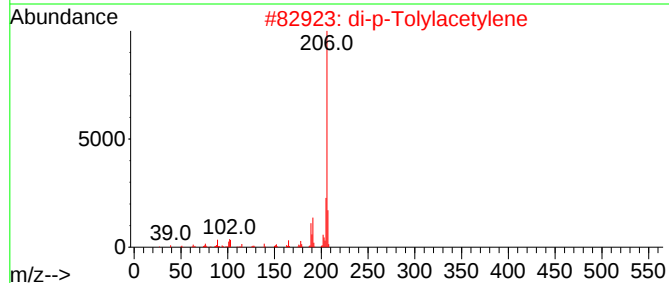
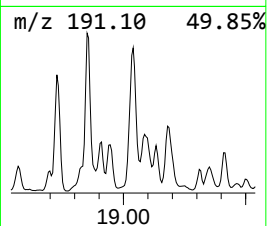
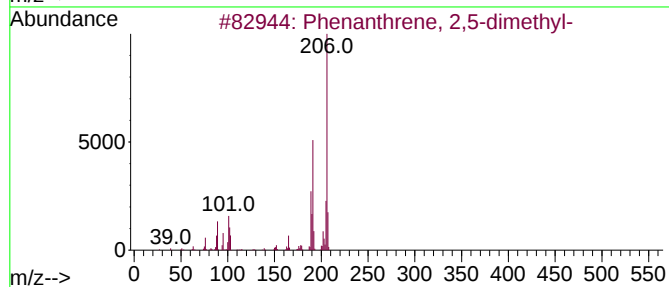
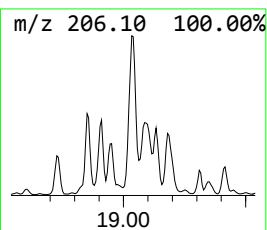
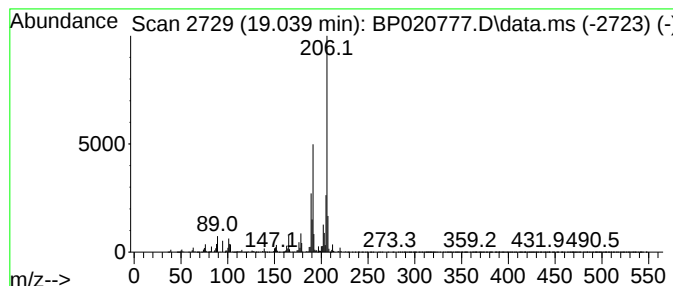
Instrument :
BNA_P
ClientSampleId :
A4CS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.039	50.26 ng/ul	5495050	Phenanthrene-d10		17.175	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	91
3	9,10-Dimethylantracene		206	C16H14	000781-43-1	91
4	9,10-Dimethylantracene		206	C16H14	000781-43-1	90
5	9,10-Dimethylantracene		206	C16H14	000781-43-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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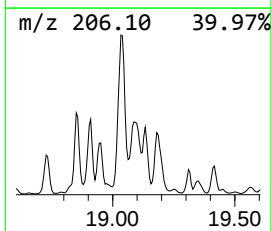
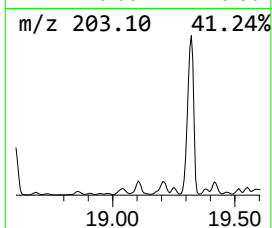
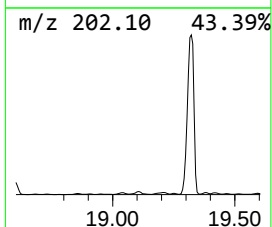
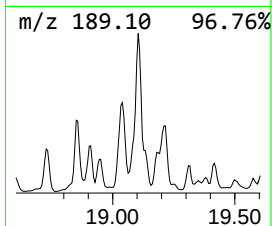
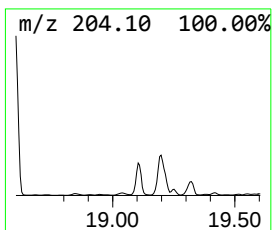
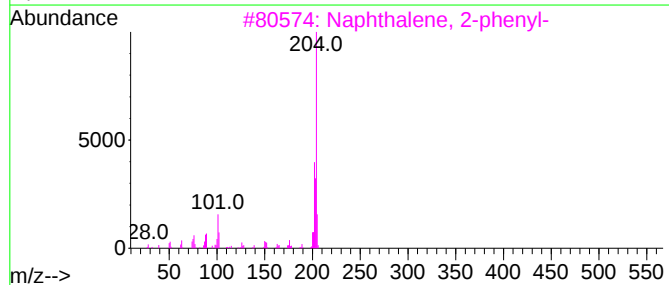
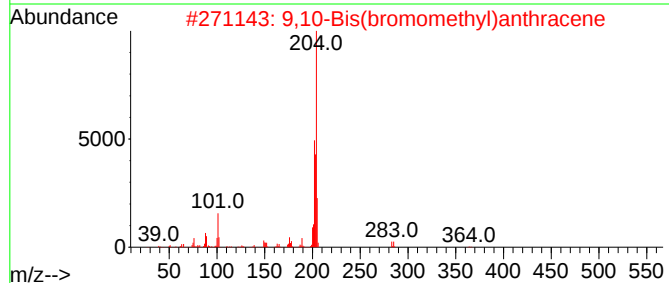
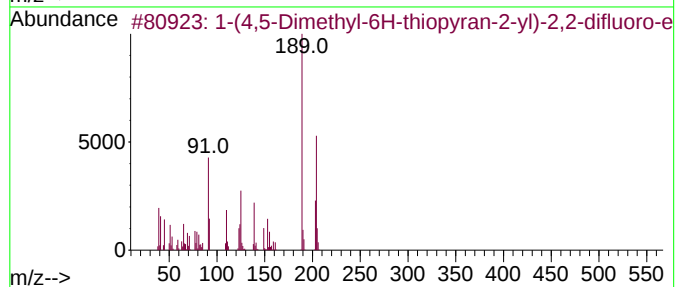
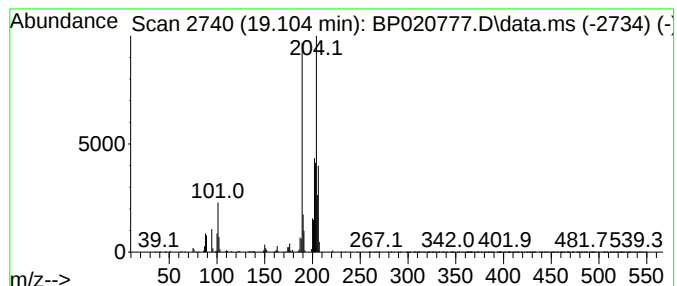
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Quant Title : SVOA CALIBRATION

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

Peak Number 37 unknown-03 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	25.45 ng/ul	2782480	Phenanthrene-d10	17.175

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(4,5-Dimethyl-6H-thiopyran-2-y...	204	C9H10F2OS	1000318-25-0	49		
2	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	49		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46		
4	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	43		
5	5,16[1',2'] :8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

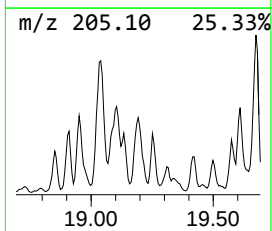
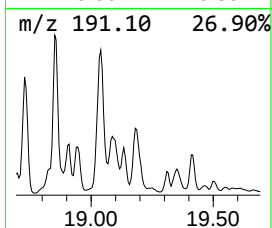
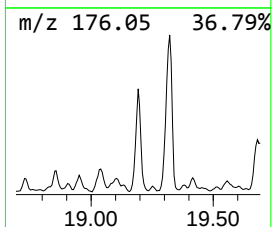
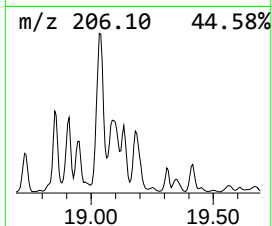
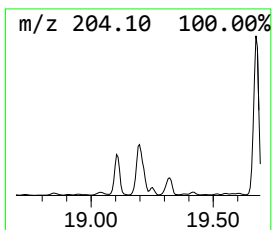
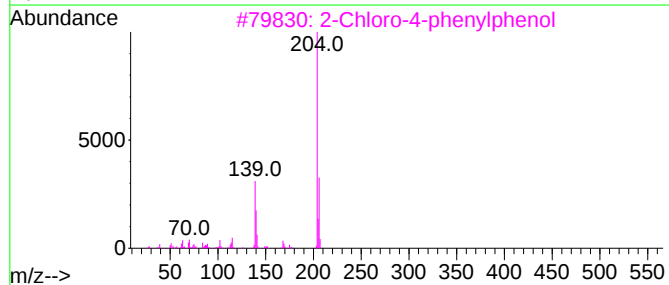
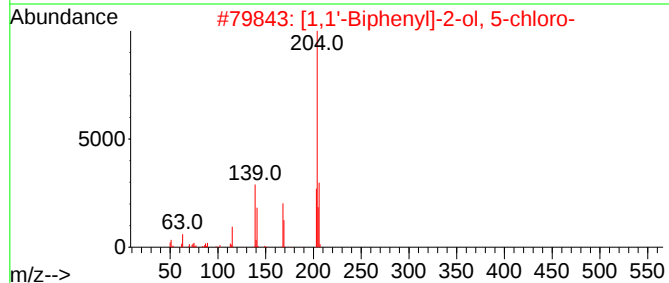
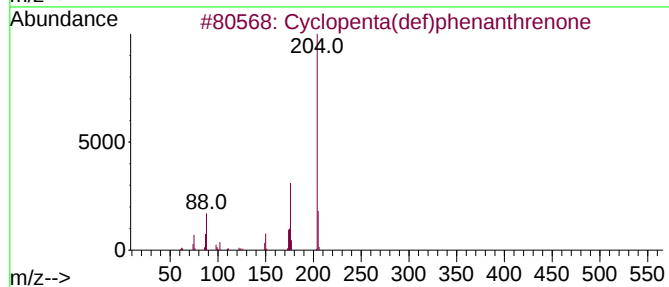
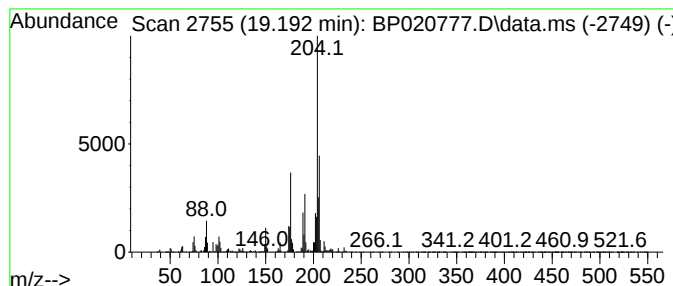
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.192	44.31 ng/ul	4844220	Phenanthrene-d10	17.175	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	47
4	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
5	Pyrimido[5,4-b]benzofurane, 4-ch...	204	C10H5ClN2O	039876-88-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
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Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
A4CS2

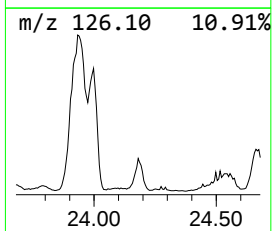
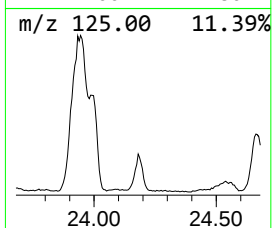
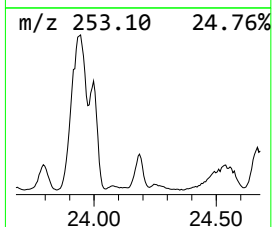
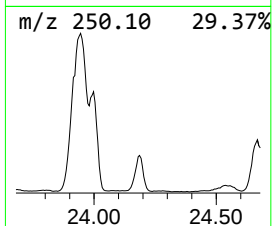
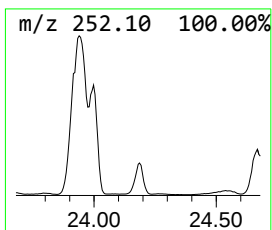
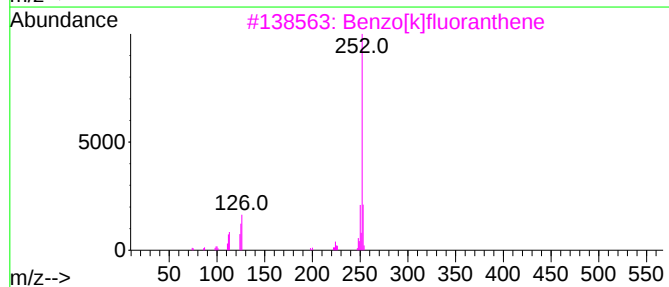
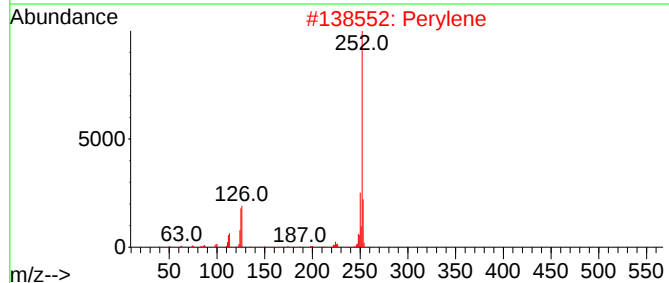
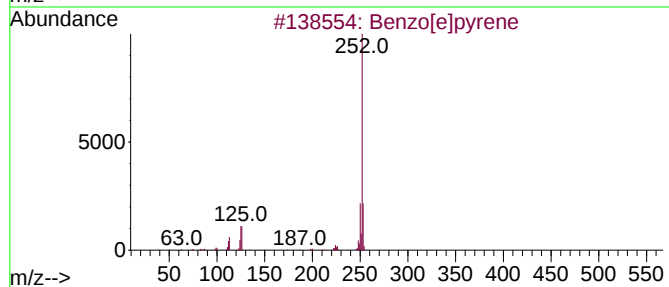
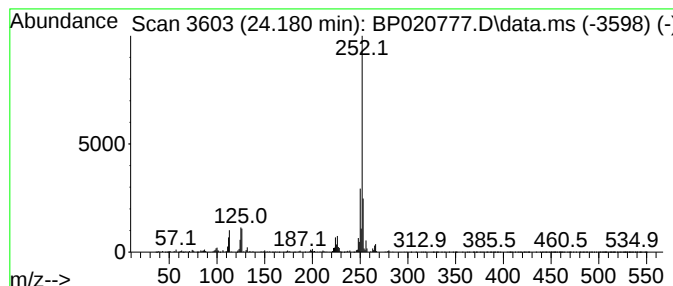
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Quant Title : SVOA CALIBRATION

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

Peak Number 61 Benzo[e]pyrene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.180	22.43 ng/ul	2910930	Perylene-d12	24.974

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	96
2			Perylene	252	C20H12	000198-55-0	95
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
Data File : BP020777.D
Acq On : 03 Jul 2024 20:12
Operator : MA/JU
Sample : P2964-07
Misc :
ALS Vial : 10 Sample Multiplier: 1

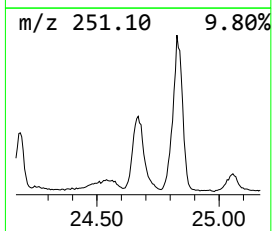
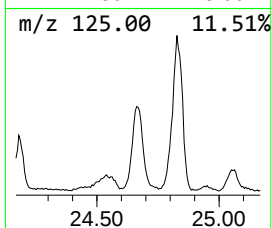
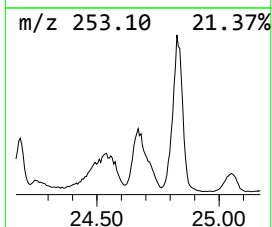
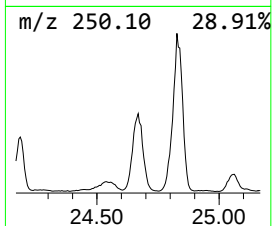
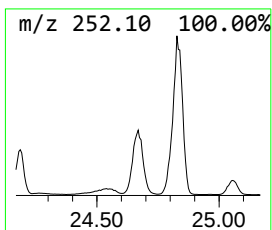
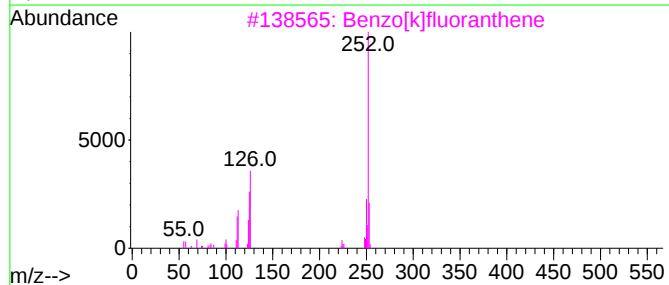
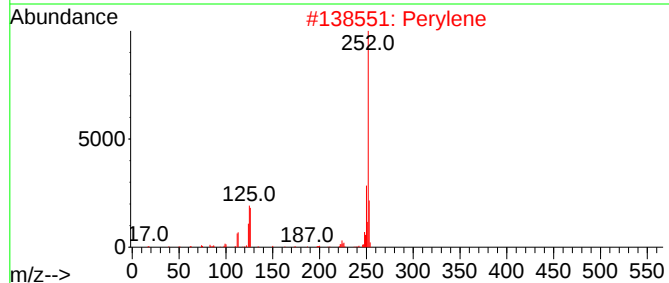
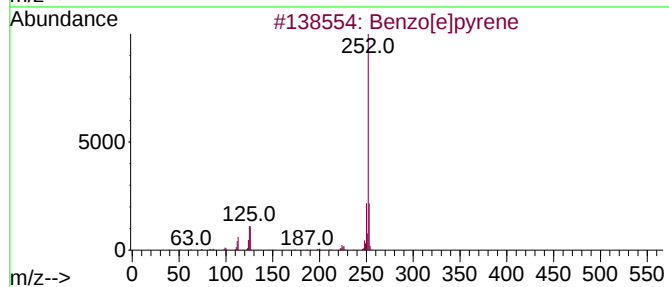
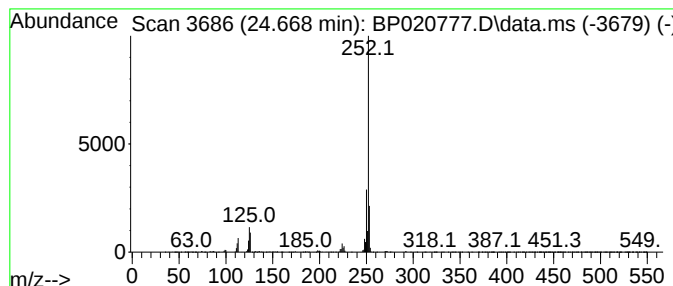
Instrument :
BNA_P
ClientSampleId :
A4CS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 62 Perylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.669	27.35 ng/ul	3549860	Perylene-d12	24.974	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070324\
 Data File : BP020777.D
 Acq On : 03 Jul 2024 20:12
 Operator : MA/JU
 Sample : P2964-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CS2

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.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
Naphthalene, 1,...	13.675	20.3	ng/ul	2273610	3	14.357	2238000	20.0
1-Isopropenylna...	14.669	23.2	ng/ul	2595350	3	14.357	2238000	20.0
Nordiphenamid	15.592	21.3	ng/ul	2379030	3	14.357	2238000	20.0
[1,1'-Biphenyl]...	15.722	19.5	ng/ul	2182890	3	14.357	2238000	20.0
9H-Fluorene, 1-...	16.434	23.4	ng/ul	2562590	4	17.175	2186620	20.0
9H-Fluorene, 3-...	16.457	22.8	ng/ul	2497470	4	17.175	2186620	20.0
9H-Fluorene, 2-...	16.504	23.4	ng/ul	2556840	4	17.175	2186620	20.0
unknown-01	16.610	17.4	ng/ul	1897870	4	17.175	2186620	20.0
Benzene, 1-ethy...	16.728	18.3	ng/ul	2000500	4	17.175	2186620	20.0
9H-Fluoren-9-one	16.816	22.5	ng/ul	2464370	4	17.175	2186620	20.0
Anthracene, 1,2...	16.916	47.2	ng/ul	5163800	4	17.175	2186620	20.0
Dibenzothiophene	16.986	61.7	ng/ul	6747030	4	17.175	2186620	20.0
Naphthalene, 1-...	17.704	17.8	ng/ul	1950320	4	17.175	2186620	20.0
4-Methylnaphtho...	17.769	32.3	ng/ul	3528560	4	17.175	2186620	20.0
Dibenzothiophen...	17.922	35.6	ng/ul	3891630	4	17.175	2186620	20.0
Phenanthrene, 2...	18.081	108.5	ng/ul	11860800	4	17.175	2186620	20.0
Phenanthrene, 1...	18.134	120.3	ng/ul	13149400	4	17.175	2186620	20.0
Anthracene, 2-m...	18.216	43.0	ng/ul	4705860	4	17.175	2186620	20.0
4H-Cyclopenta[d...	18.287	151.2	ng/ul	16534800	4	17.175	2186620	20.0
1H-Cyclopropa[1...	18.328	79.4	ng/ul	8682120	4	17.175	2186620	20.0
unknown-02	18.498	29.8	ng/ul	3257070	4	17.175	2186620	20.0
Naphthalene, 2-...	18.604	61.9	ng/ul	6764830	4	17.175	2186620	20.0
9,10-Anthracene...	18.657	50.0	ng/ul	5464770	4	17.175	2186620	20.0
Phenanthrene, 4...	18.857	25.8	ng/ul	2818630	4	17.175	2186620	20.0
Phenanthrene, 3...	18.904	15.4	ng/ul	1681490	4	17.175	2186620	20.0
Phenanthrene, 2...	19.039	50.3	ng/ul	5495050	4	17.175	2186620	20.0
unknown-03	19.104	25.4	ng/ul	2782480	4	17.175	2186620	20.0
Cyclopenta(def)...	19.192	44.3	ng/ul	4844220	4	17.175	2186620	20.0
Benzo[e]pyrene	24.180	22.4	ng/ul	2910930	6	24.974	2595920	20.0
Perylene	24.669	27.4	ng/ul	3549860	6	24.974	2595920	20.0