

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
 Data File : BP018715.D
 Acq On : 08 Dec 2023 16:38
 Operator : MA/JU
 Sample : 05459-17
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AA5

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-BP120123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018715.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.693	99	103	109	rVB3	86496	138034	1.66%	0.164%
2	3.793	116	120	127	rVB	91107	117978	1.42%	0.140%
3	3.917	137	141	147	rVB2	39439	59669	0.72%	0.071%
4	4.940	310	315	319	rBV	33307	49652	0.60%	0.059%
5	7.011	658	667	680	rBV2	361538	670830	8.05%	0.795%
6	7.181	690	696	704	rVB	364678	562948	6.76%	0.667%
7	7.375	721	729	736	rBV	388953	620811	7.45%	0.736%
8	7.846	802	809	816	rBV	749743	1173514	14.09%	1.391%
9	8.552	924	929	936	rBV	213212	366828	4.40%	0.435%
10	8.669	943	949	958	rVB	326695	519328	6.23%	0.616%
11	9.005	999	1006	1012	rBV	385896	626903	7.53%	0.743%
12	9.722	1121	1128	1137	rBV	261352	435497	5.23%	0.516%
13	9.875	1149	1154	1164	rVB	46080	82674	0.99%	0.098%
14	10.087	1184	1190	1195	rBV	31944	50457	0.61%	0.060%
15	10.257	1213	1219	1227	rVB	404284	663530	7.97%	0.787%
16	10.640	1276	1284	1290	rBV	1157861	1946008	23.36%	2.307%
17	10.687	1290	1292	1299	rVB	41639	56952	0.68%	0.068%
18	10.781	1302	1308	1320	rBV	257992	451444	5.42%	0.535%
19	12.299	1561	1566	1574	rVB2	45485	82651	0.99%	0.098%
20	12.516	1598	1603	1610	rVB	38072	63545	0.76%	0.075%
21	13.793	1815	1820	1825	rBV2	45480	78037	0.94%	0.093%
22	13.887	1831	1836	1842	rVV	829276	1108894	13.31%	1.315%
23	14.163	1877	1883	1898	rVB	946637	1434679	17.22%	1.701%
24	14.475	1928	1936	1942	rVV	1656743	2512405	30.16%	2.978%
25	14.534	1942	1946	1954	rVB	99779	159990	1.92%	0.190%
26	14.675	1965	1970	1980	rBV3	157033	280879	3.37%	0.333%
27	14.869	1999	2003	2011	rVV	76889	134769	1.62%	0.160%
28	15.257	2061	2069	2073	rBV3	34838	65366	0.78%	0.077%
29	15.463	2098	2104	2109	rBV	1325226	1879800	22.57%	2.229%
30	15.516	2109	2113	2120	rVV2	98015	161231	1.94%	0.191%
31	15.581	2120	2124	2129	rVV2	113239	167351	2.01%	0.198%
32	15.816	2160	2164	2170	rVB	61136	94398	1.13%	0.112%
33	15.963	2184	2189	2196	rVB	69621	142316	1.71%	0.169%
34	16.051	2197	2204	2213	rVB4	21990	56594	0.68%	0.067%
35	16.192	2223	2228	2236	rVB4	42587	107730	1.29%	0.128%
36	16.528	2274	2285	2290	rBV6	38077	110259	1.32%	0.131%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
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37	16.757	2320	2324	2327	rBV4	41447	57587	0.69%	0.068%
38	16.792	2327	2330	2334	rVB2	40704	53404	0.64%	0.063%
39	16.875	2339	2344	2351	rVB	109098	178322	2.14%	0.211%
40	16.951	2353	2357	2361	rBV3	50150	87219	1.05%	0.103%
41	17.039	2368	2372	2380	rVB	76089	122971	1.48%	0.146%
42	17.222	2397	2403	2406	rBV	2353406	3313650	39.78%	3.928%
43	17.263	2406	2410	2415	rVV	2146702	2949163	35.41%	3.496%
44	17.322	2415	2420	2423	rVV	1394046	2075821	24.92%	2.461%
45	17.351	2423	2425	2431	rVV	529543	682572	8.19%	0.809%
46	17.410	2431	2435	2440	rVB3	42605	78545	0.94%	0.093%
47	17.628	2464	2472	2476	rBV2	177708	295171	3.54%	0.350%
48	17.739	2488	2491	2498	rVB3	50310	79615	0.96%	0.094%
49	17.804	2498	2502	2511	rVB3	55137	95271	1.14%	0.113%
50	18.092	2545	2551	2553	rBV	292199	455250	5.47%	0.540%
51	18.134	2555	2558	2564	rVB	477440	643540	7.73%	0.763%
52	18.216	2567	2572	2576	rVB	149192	213218	2.56%	0.253%
53	18.275	2576	2582	2586	rBV3	380056	705296	8.47%	0.836%
54	18.310	2586	2588	2596	rVB	276887	333124	4.00%	0.395%
55	18.392	2598	2602	2605	rBV4	38584	58048	0.70%	0.069%
56	18.428	2605	2608	2611	rVB2	52939	64628	0.78%	0.077%
57	18.575	2628	2633	2636	rBV	285628	350646	4.21%	0.416%
58	18.610	2636	2639	2645	rVB	153882	215736	2.59%	0.256%
59	18.669	2645	2649	2651	rBV	76687	92252	1.11%	0.109%
60	18.810	2670	2673	2677	rBV2	91107	104651	1.26%	0.124%
61	18.857	2678	2681	2684	rVV	62717	84937	1.02%	0.101%
62	18.892	2684	2687	2691	rVB2	99253	141053	1.69%	0.167%
63	18.975	2697	2701	2705	rBV2	189057	303814	3.65%	0.360%
64	19.069	2714	2717	2720	rVB	86092	96475	1.16%	0.114%
65	19.110	2720	2724	2735	rBV	297675	573668	6.89%	0.680%
66	19.233	2740	2745	2752	rVB	4643473	5991201	71.93%	7.103%
67	19.328	2758	2761	2768	rBV2	105550	187455	2.25%	0.222%
68	19.422	2772	2777	2780	rBV3	76568	134014	1.61%	0.159%
69	19.469	2782	2785	2788	rVV	70090	73003	0.88%	0.087%
70	19.557	2794	2800	2802	rBV2	2984239	4174351	50.11%	4.949%
71	19.586	2802	2805	2812	rVV	4110174	5087346	61.07%	6.031%
72	19.657	2812	2817	2823	rVB2	220872	347758	4.17%	0.412%
73	19.757	2830	2834	2839	rVB	256338	324373	3.89%	0.385%
74	19.816	2841	2844	2849	rVB2	104451	136669	1.64%	0.162%
75	19.898	2853	2858	2865	rBV4	263390	660528	7.93%	0.783%
76	19.957	2865	2868	2871	rBV	50195	73129	0.88%	0.087%

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77	20.033	2876	2881	2883	rBV3	200734	321570	3.86%	0.381%
78	20.163	2901	2903	2906	rVB	50125	48954	0.59%	0.058%
79	20.222	2906	2913	2917	rBV2	332500	576418	6.92%	0.683%
80	20.263	2917	2920	2923	rVB	74463	78198	0.94%	0.093%
81	20.304	2923	2927	2931	rVB2	78943	115091	1.38%	0.136%
82	20.357	2932	2936	2939	rBV2	172014	219177	2.63%	0.260%
83	20.404	2940	2944	2948	rVB	185684	243037	2.92%	0.288%
84	20.798	3007	3011	3016	rBV	592540	739418	8.88%	0.877%
85	20.957	3033	3038	3042	rBV2	291786	562463	6.75%	0.667%
86	20.998	3042	3045	3048	rVV	341039	449190	5.39%	0.533%
87	21.033	3048	3051	3057	rVV2	424159	828800	9.95%	0.983%
88	21.092	3057	3061	3068	rVB	539708	752148	9.03%	0.892%
89	21.310	3091	3098	3102	rBV2	4215976	8329769	100.00%	9.875%
90	21.345	3102	3104	3114	rVB	2154269	2578908	30.96%	3.057%
91	21.463	3121	3124	3131	rBV	216358	299612	3.60%	0.355%
92	21.627	3148	3152	3157	rBV3	274460	461592	5.54%	0.547%
93	21.875	3191	3194	3198	rVB	314923	421649	5.06%	0.500%
94	22.957	3372	3378	3383	rBV	1678506	3833244	46.02%	4.544%
95	23.139	3405	3409	3417	rVB	250183	420137	5.04%	0.498%
96	23.469	3460	3465	3469	rBV	742231	1396530	16.77%	1.656%
97	23.521	3469	3474	3479	rVV2	1489163	2967980	35.63%	3.519%
98	23.574	3479	3483	3491	rVB	1488461	2752649	33.05%	3.263%
99	23.680	3494	3501	3507	rBV	2339141	4810865	57.76%	5.703%
100	26.133	3911	3918	3934	rVB3	696896	2214546	26.59%	2.625%

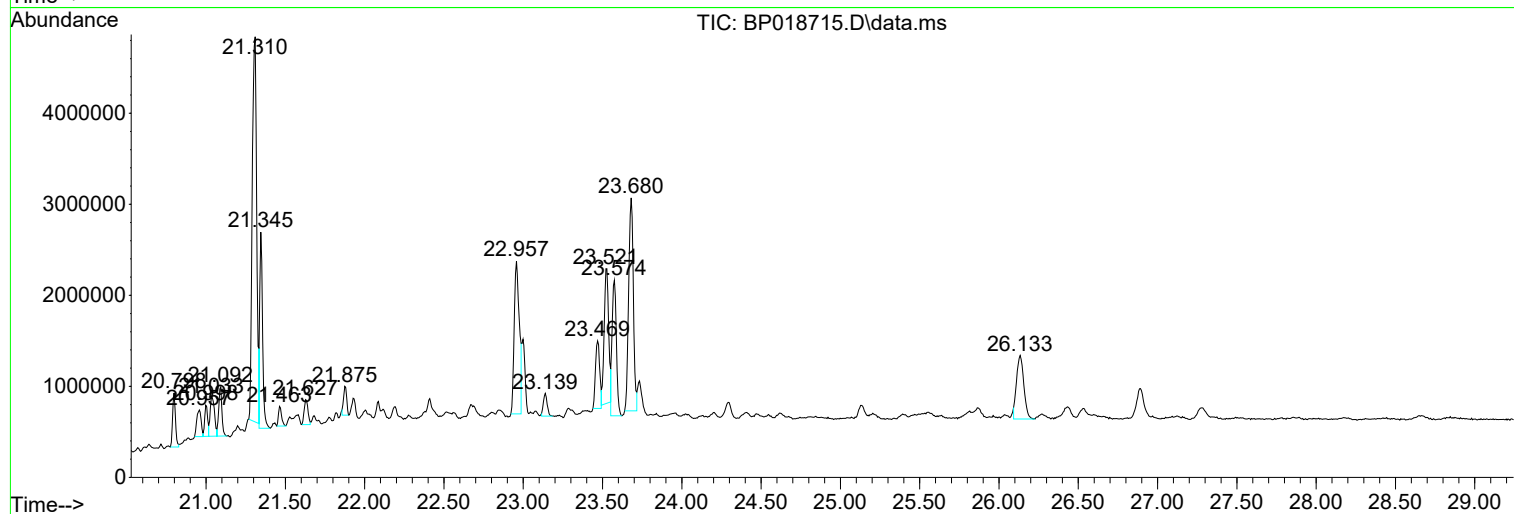
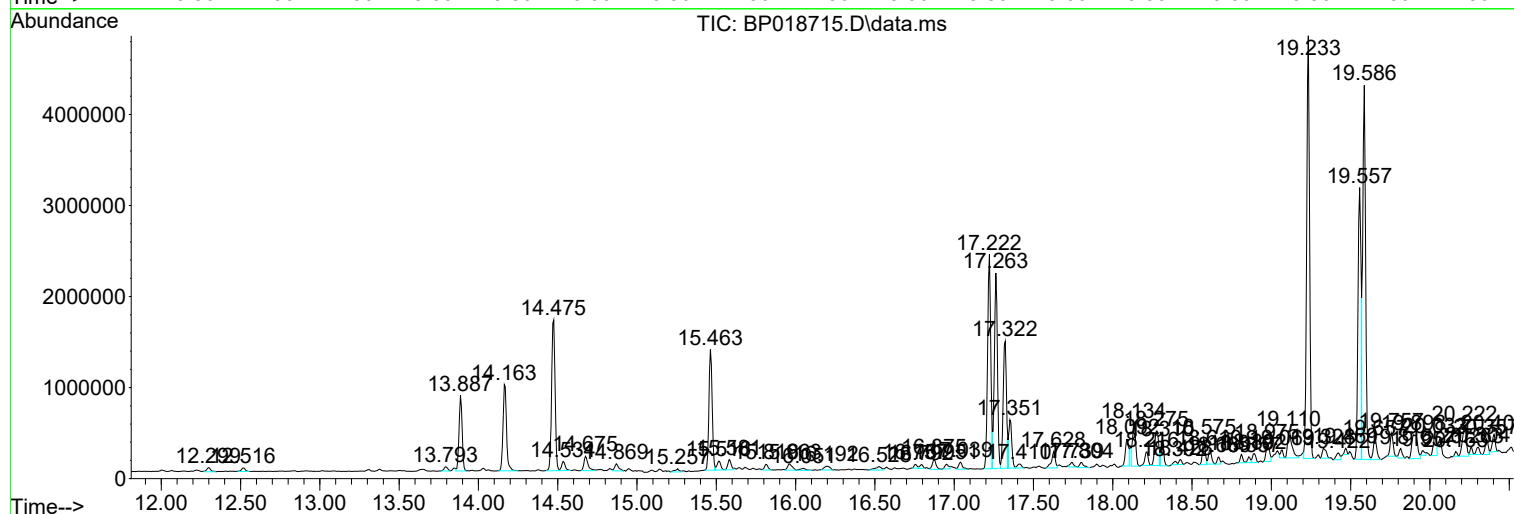
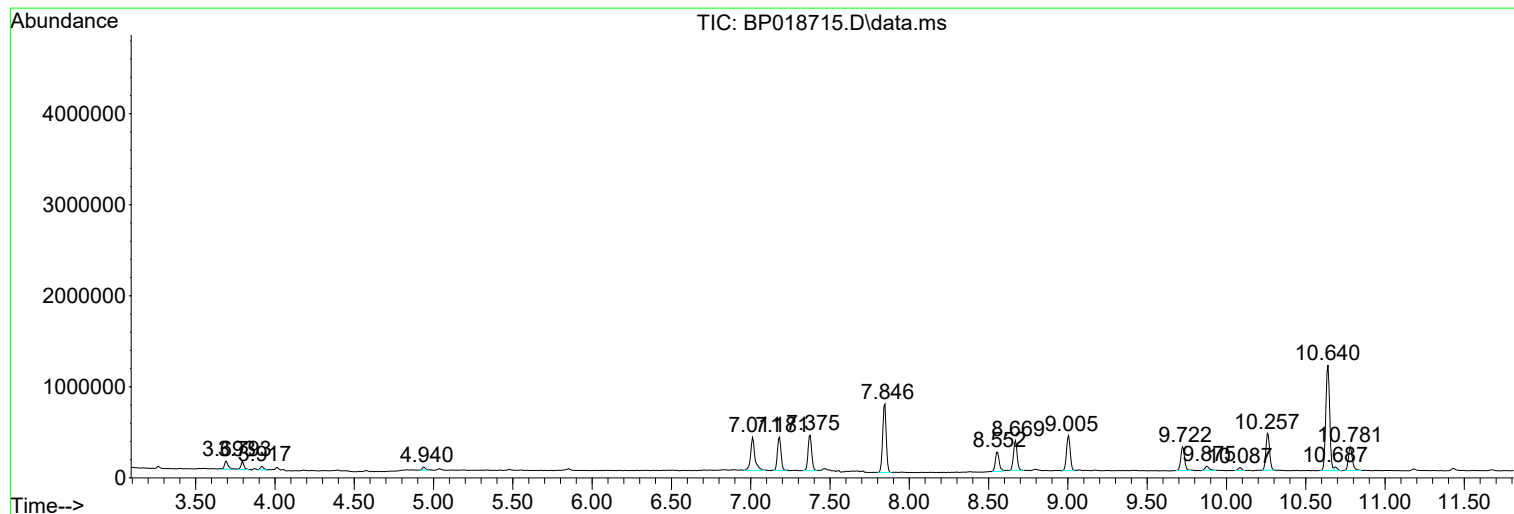
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



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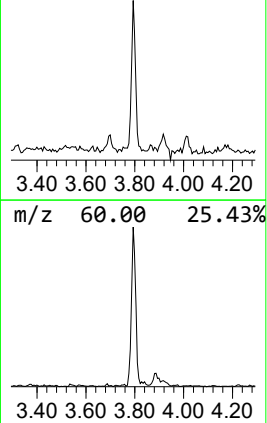
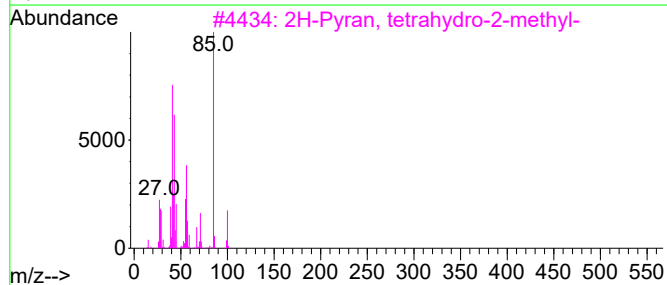
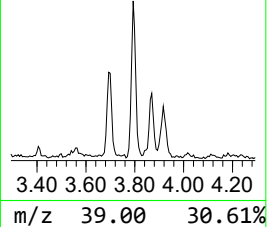
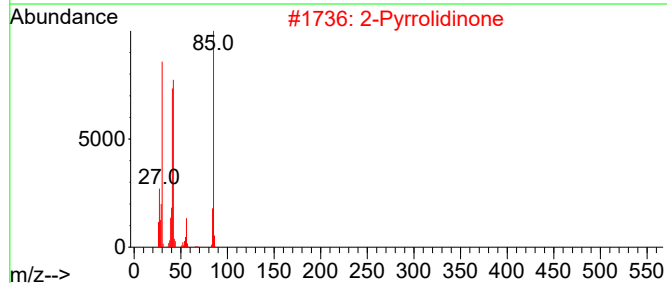
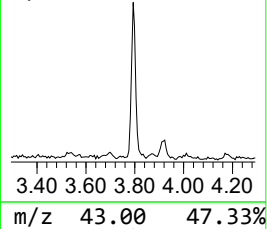
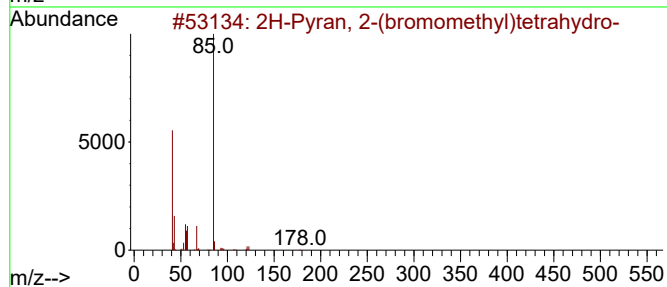
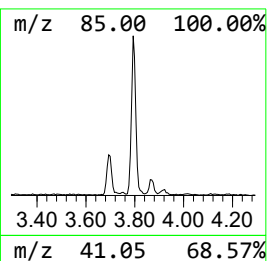
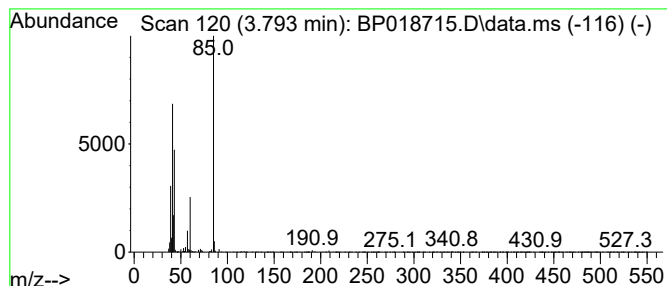
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.793	2.01 ng/ul	117978	1,4-Dichlorobenzene-d4	7.846

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	42		
2	2-Pyrrolidinone	85	C4H7NO	000616-45-5	38		
3	2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	38		
4	Mefruside	382	C13H19ClN2O5S2	007195-27-9	36		
5	5-(Bromomethyl)oxolan-2-one	178	C5H7BrO2	099393-06-3	9		



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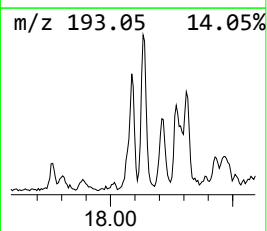
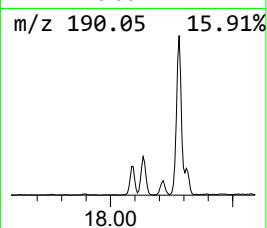
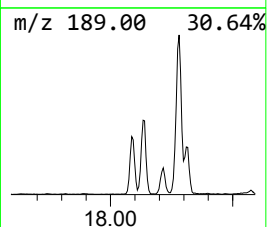
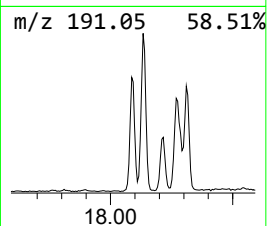
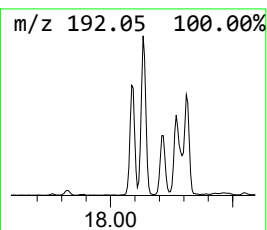
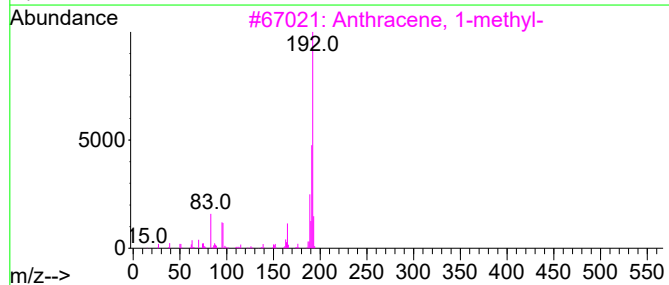
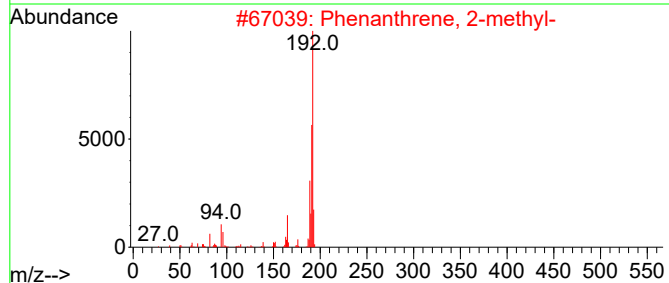
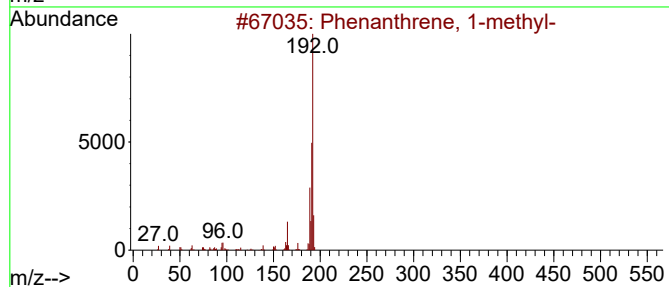
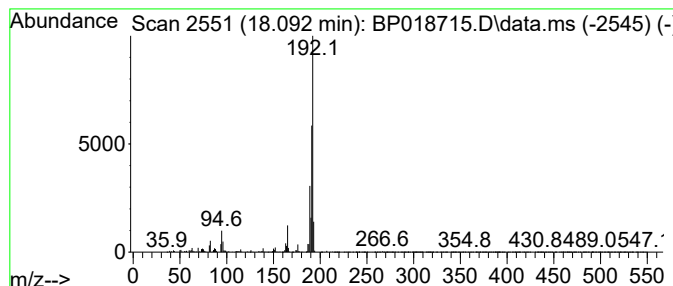
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.092	2.75 ng/ul	455250	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90



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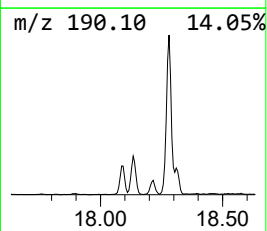
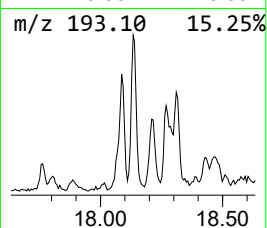
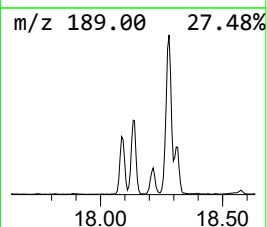
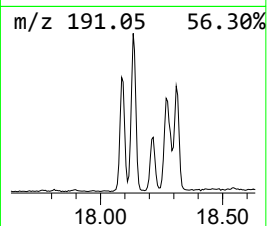
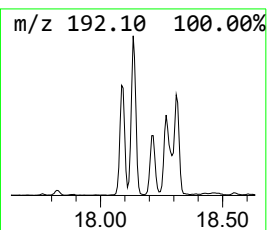
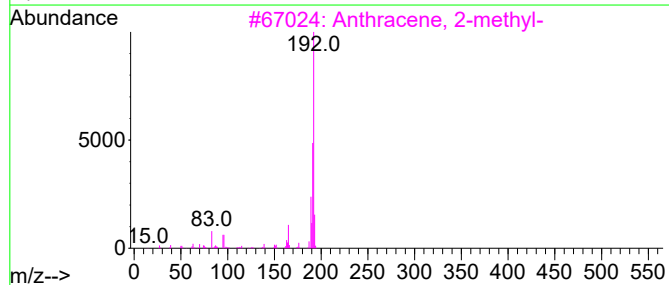
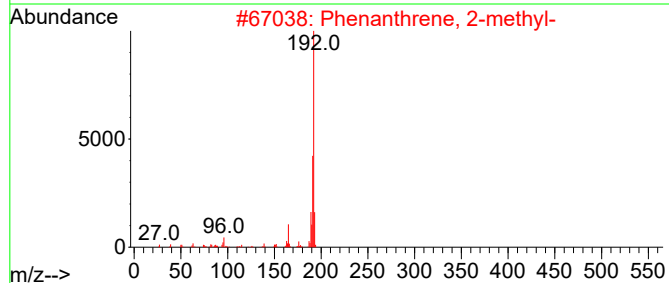
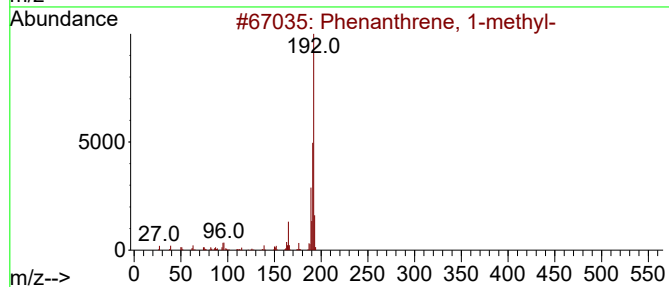
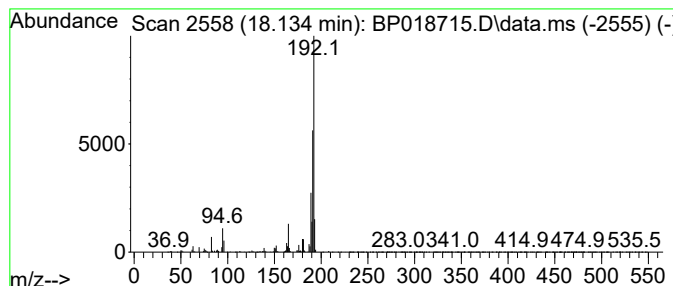
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.134	3.88 ng/ul	643540	Phenanthrene-d10	17.222

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			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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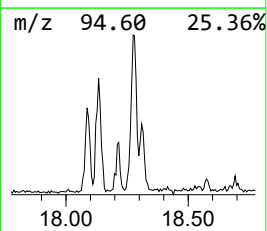
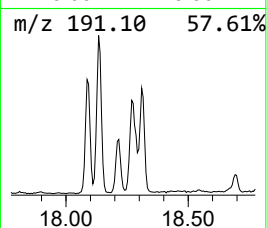
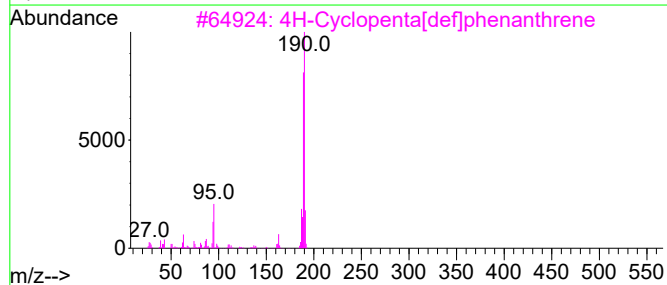
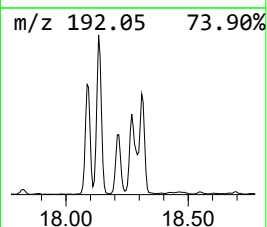
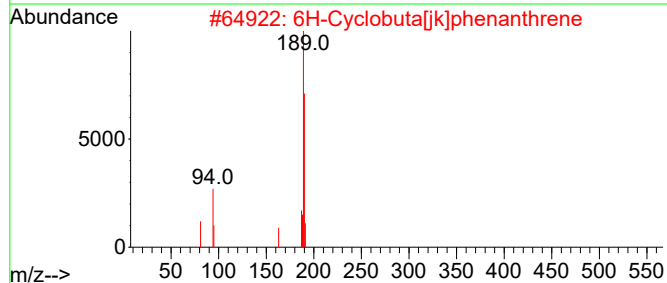
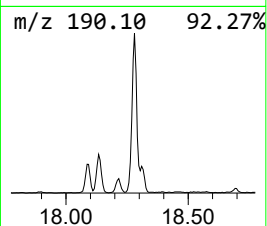
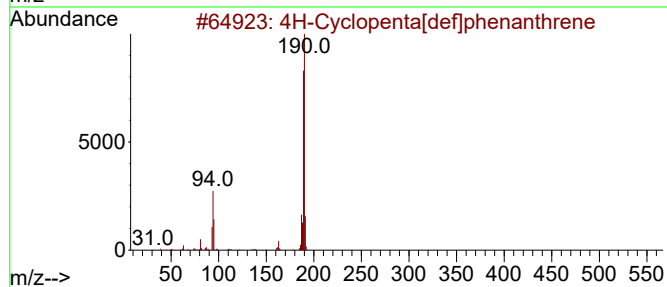
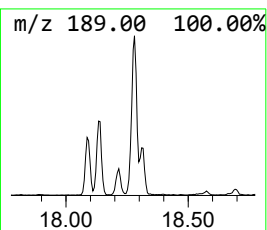
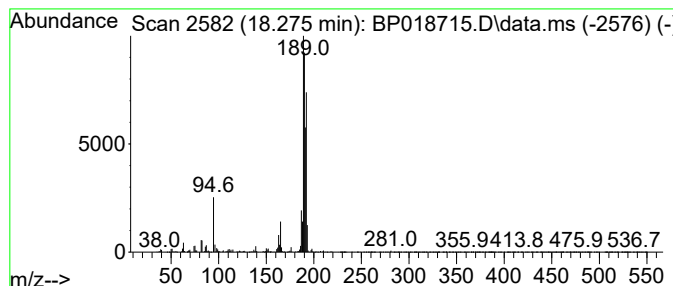
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.275	4.26 ng/ul	705296	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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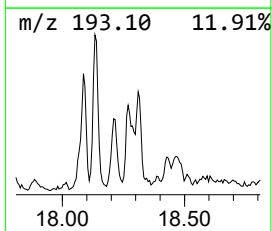
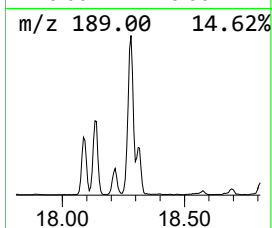
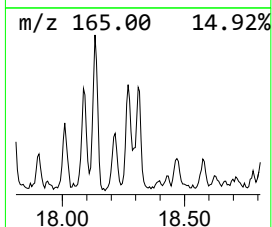
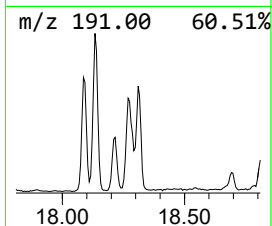
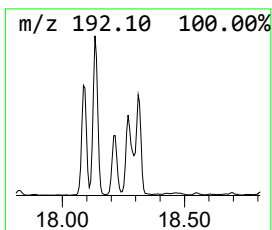
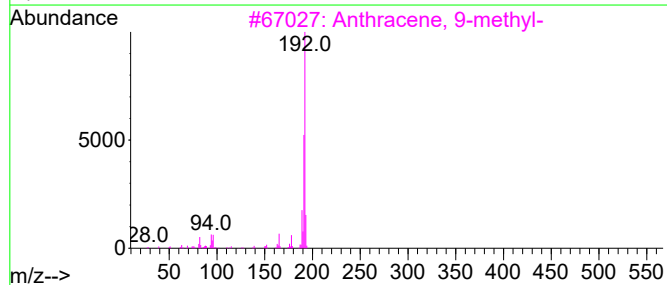
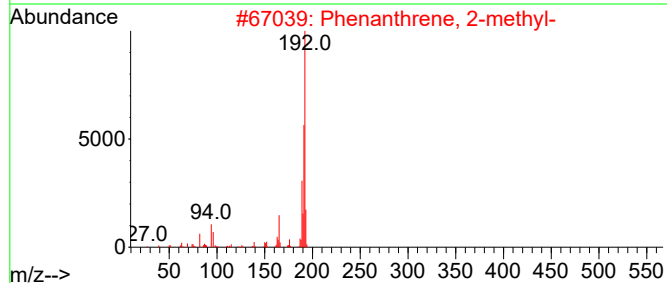
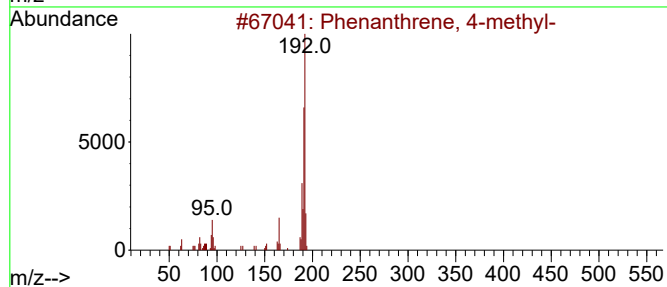
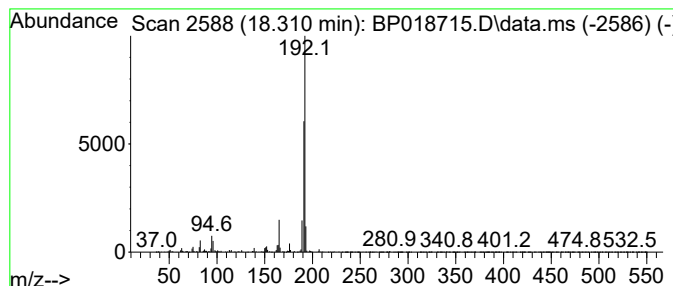
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	2.01 ng/ul	333124	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	80
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	76
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	74



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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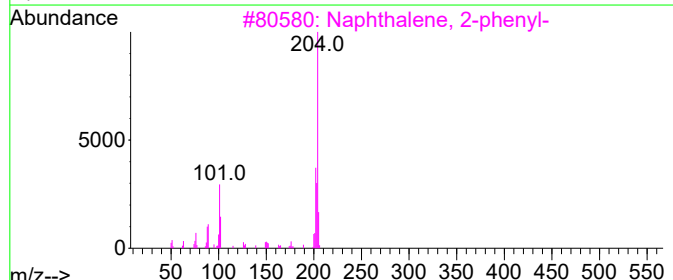
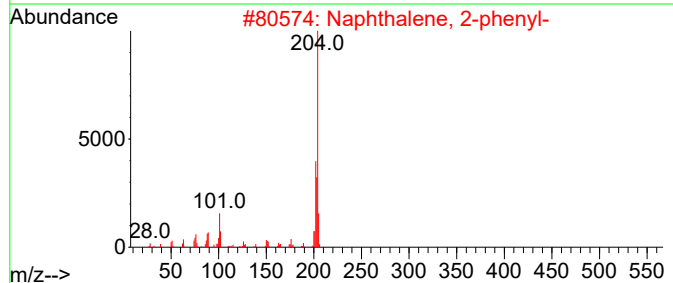
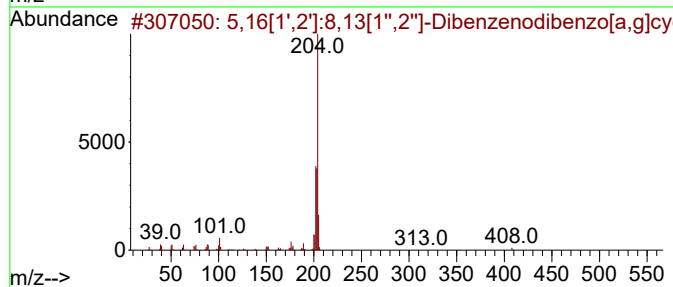
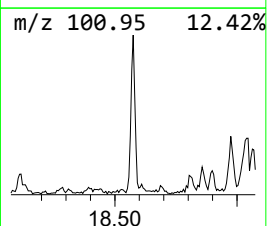
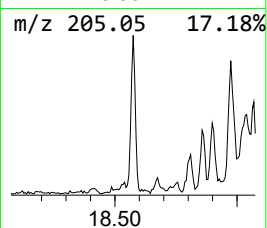
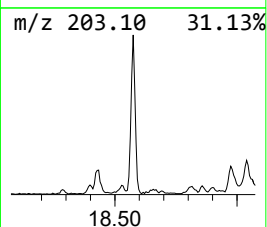
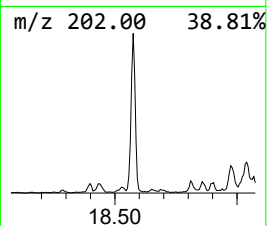
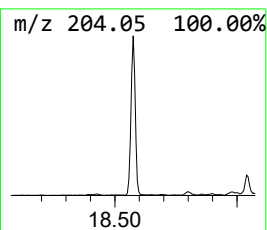
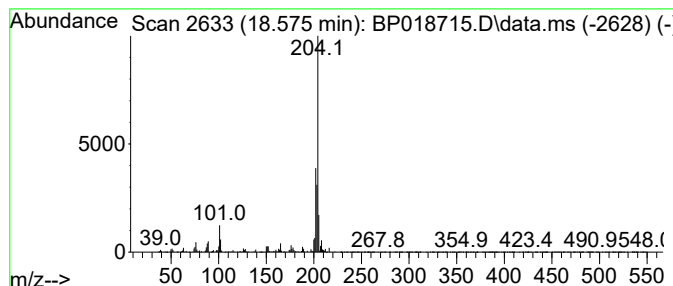
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.575	2.12 ng/ul	350646	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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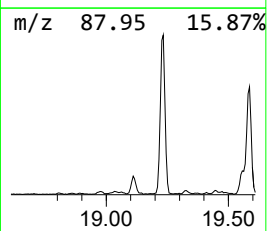
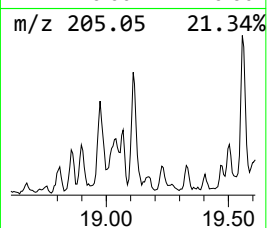
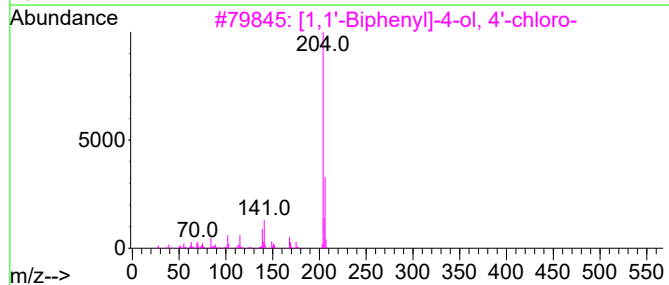
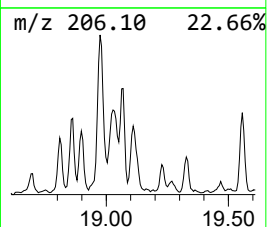
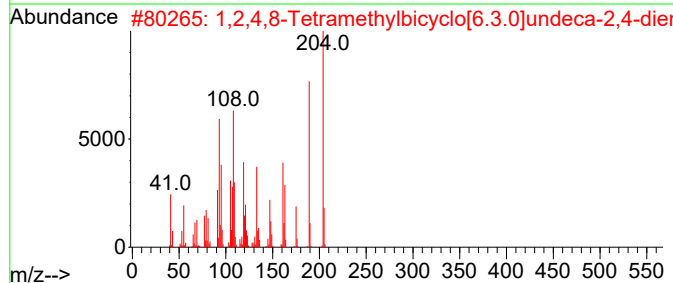
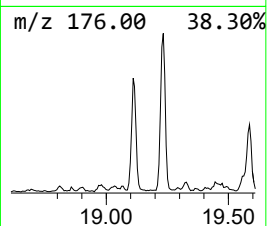
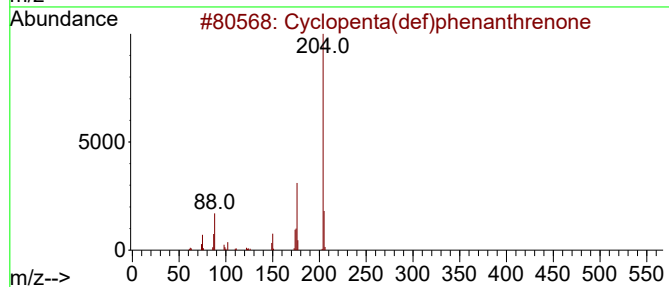
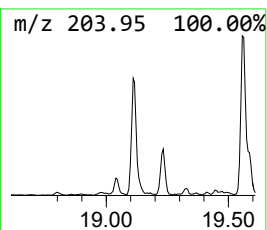
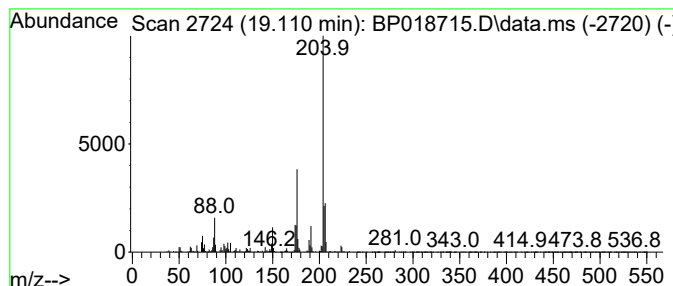
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	3.46 ng/ul	573668	Phenanthrene-d10	17.222

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2			1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43
3			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	43
5			Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
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Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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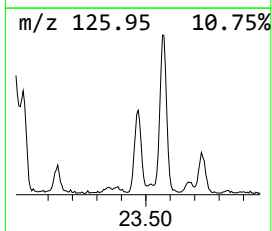
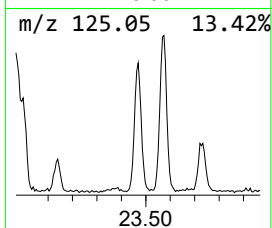
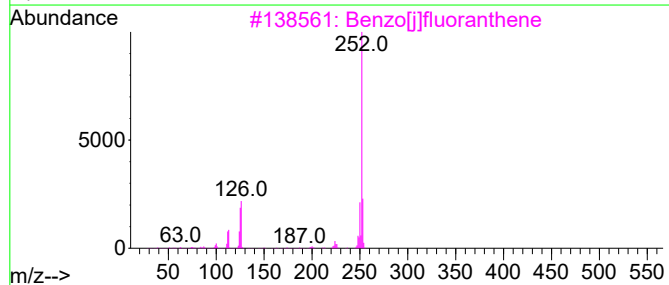
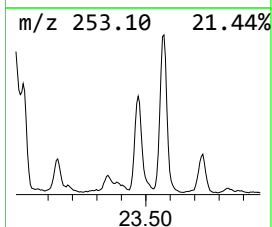
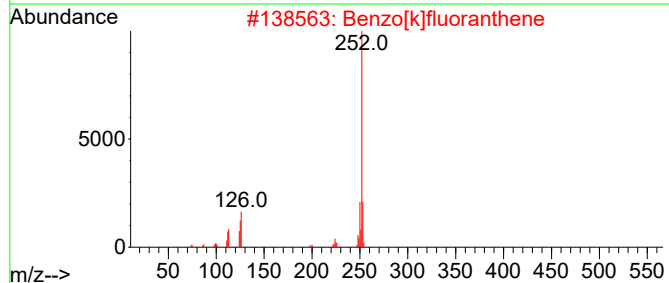
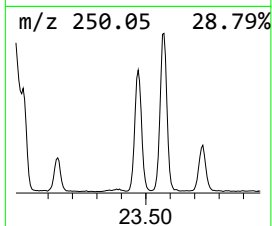
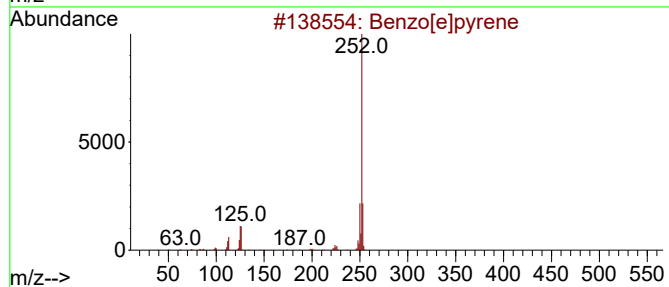
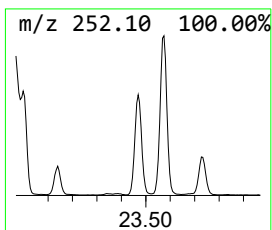
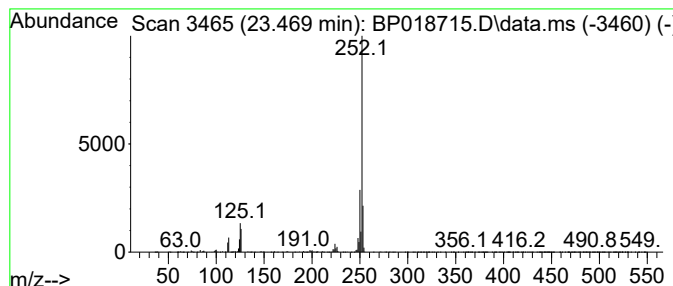
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.468	5.81 ng/ul	1396530	Perylene-d12	23.680

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120723\
Data File : BP018715.D
Acq On : 08 Dec 2023 16:38
Operator : MA/JU
Sample : 05459-17
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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					#	RT	Resp	Conc
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Phenanthrene, 1...	18.092	2.8	ng/ul	455250	4	17.222	3313650	20.0
Phenanthrene, 2...	18.134	3.9	ng/ul	643540	4	17.222	3313650	20.0
4H-Cyclopenta[d...	18.275	4.3	ng/ul	705296	4	17.222	3313650	20.0
Phenanthrene, 4...	18.310	2.0	ng/ul	333124	4	17.222	3313650	20.0
5,16[1',2']:8,1...	18.575	2.1	ng/ul	350646	4	17.222	3313650	20.0
Cyclopenta(def)...	19.110	3.5	ng/ul	573668	4	17.222	3313650	20.0
Benzo[e]pyrene	23.468	5.8	ng/ul	1396530	6	23.680	4810870	20.0