LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

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-BP093022.M
Title : SVOA CALIBRATION

Signal : TIC: BP011854.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.040	4	9	30	rVB	4627704	7290343	64.55%	4.753%
2	3.734	124	127	140	rBV	147980	255352	2.26%	0.166%
3	3.834	140	144	154	rVB	79736	113749	1.01%	0.074%
4	7.052	683	691	704	rBV	670840	1186616	10.51%	0.774%
5	7.222	711	720	731	rBV	572783	922232	8.17%	0.601%
6	7.422	744	754	766	rBV	691167	1130754	10.01%	0.737%
7	7.893	825	834	843	rBV	938650	1490558	13.20%	0.972%
8	8.605	946	955	970	rBV	877288	1521272	13.47%	0.992%
9	8.722	970	975	982	rVB	60980	102312	0.91%	0.067%
10	9.058	1025	1032	1042	rBV	625458	1059664	9.38%	0.691%
11	9.781	1147	1155	1167	rBV	504761	863591	7.65%	0.563%
12	10.322	1239	1247	1260	rBV	924048	1633269	14.46%	1.065%
13	10.487	1269	1275	1293	rVB	64120	134914	1.19%	0.088%
14	10.705	1304	1312	1318	rBV	1368332	2397000	21.22%	1.563%
15	10.752	1318	1320	1329	rVB	90619	123835	1.10%	0.081%
16	10.846	1329	1336	1361	rBV	469048	1021119	9.04%	0.666%
17	13.434	1770	1776	1782	rBV	87883	138652	1.23%	0.090%
18	13.863	1843	1849	1854	rBV3	48094	86832	0.77%	0.057%
19	13.951	1858	1864	1879	rVB	1712391	2468466	21.85%	1.609%
20	14.234	1905	1912	1925	rVV	2124510	3339027	29.56%	2.177%
21	14.540	1955	1964	1970	rVV	2335604	3369607	29.83%	2.197%
22	14.604	1970	1975	1982	rVV	415882	633768	5.61%	0.413%
23	14.734	1991	1997	2010	rVV	666266	1136697	10.06%	0.741%
24	14.940	2027	2032	2040	rVV	185689	340400	3.01%	0.222%
25	15.534	2124	2133	2139	rBV	3058111	4269325	37.80%	2.783%
26	15.587	2139	2142	2148	rVV	354514	525363	4.65%	0.343%
27	15.651	2148	2153	2160	rVV	650229	907774	8.04%	0.592%
28	15.716	2160	2164	2167	rVV2	62947	97764	0.87%	0.064%
29	15.751	2167	2170	2176	rVV2	52487	87752	0.78%	0.057%
30	15.887	2188	2193	2204	rVB3	83889	170316	1.51%	0.111%
31	16.034	2213	2218	2226	rVB3	87245	197893	1.75%	0.129%
32	16.281	2251	2260	2264	rBV	159464	268332	2.38%	0.175%
33	16.375	2271	2276	2280	rBV	326902	452166	4.00%	0.295%
34	16.434	2281	2286	2292	rVV2	326670	610203	5.40%	0.398%
35	16.492	2292	2296	2301	rVV2	352163	509944	4.51%	0.332%
36	16.540	2301	2304	2308	rVV	184378	230612	2.04%	0.150%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

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-BP093022.M
Title : SVOA CALIBRATION

37	16.592	2308	2313	2319	rVV3	135975	356472	3.16%	0.232%
38	16.640	2319	2321	2325	rVB	135776	162294	1.44%	0.106%
39	16.698	2325	2331	2337	rVB3	295432	518821	4.59%	0.338%
40	16.763	2337	2342	2345	rBV	325889	443216	3.92%	0.289%
41	16.798	2345	2348	2351	rVV2	75199	103973	0.92%	0.068%
42	16.834	2351	2354	2358	rVB2	184064	234222	2.07%	0.153%
43	16.951	2369	2374	2381	rBV	154675	242358	2.15%	0.158%
44	17.045	2388	2390	2395	rVV	72679	116593	1.03%	0.076%
45	17.116	2397	2402	2409	rVB	246723	398332	3.53%	0.260%
46	17.298	2427	2433	2436	rBV	2738940	4050964	35.87%	2.641%
47	17.339	2436	2440	2445	rVV	4524735	6498494	57.53%	4.237%
48	17.398	2445	2450	2453	rVV	3290937	4804337	42.54%	3.132%
49	17.428	2453	2455	2461	rVV	1087162	1417001	12.55%	0.924%
50	17.492	2461	2466	2472	rVB2	89665	161822	1.43%	0.106%
51	17.704	2494	2502	2514	rBV	501988	888896	7.87%	0.580%
52	17.816	2518	2521	2527	rVV2	79124	109534	0.97%	0.071%
53	17.875	2527	2531	2539	rVB2	105882	163423	1.45%	0.107%
54	17.963	2543	2546	2550	rVB2	75573	98442	0.87%	0.064%
55	18.016	2551	2555	2559	rBV	54833	97340	0.86%	0.063%
56	18.069	2559	2564	2570	rBV4	82735	182328	1.61%	0.119%
57	18.163	2575	2580	2585	rVV2	581080	1276581	11.30%	0.832%
58	18.210	2585	2588	2593	rVV	820098	1086212	9.62%	0.708%
59	18.286	2597	2601	2606	rVV	243474	341434	3.02%	0.223%
60	18.351	2606	2612	2616	rVV2	917934	1609702	14.25%	1.049%
61	18.386	2616	2618	2626	rVB	385844	466517	4.13%	0.304%
62	18.645	2658	2662	2665	rBV	423423	530224	4.69%	0.346%
63	18.686	2665	2669	2675	rVB2	368233	496522	4.40%	0.324%
64	18.881	2699	2702	2706	rVB	166627	198271	1.76%	0.129%
65	18.934	2707	2711	2714	rVV	167835	213071	1.89%	0.139%
66	18.969	2714	2717	2721	rVB	146277	172222	1.52%	0.112%
67	19.051	2726	2731	2735	rBV	425046	696277	6.16%	0.454%
68	19.104	2736	2740	2744	rVV3	154407	269293	2.38%	0.176%
69	19.186	2749	2754	2763	rBV2	327197	773521	6.85%	0.504%
70	19.310	2769	2775	2780	rVB	8215378	11294889	100.00%	7.364%
71	19.363	2780	2784	2787	rBV2	172319	210099	1.86%	0.137%
72	19.410	2787	2792	2796	rBV2	306489	449434	3.98%	0.293%
73	19.545	2811	2815	2818	rBV	288904	358757	3.18%	0.234%
74	19.633	2824	2830	2832	rBV2	5348151	8152178	72.18%	5.315%
75	19.663	2832	2835	2842	rVV	7230756	9450811	83.67%	6.162%
76	19.728	2842	2846	2852	rVB3	390081	596393	5.28%	0.389%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

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-BP093022.M
Title : SVOA CALIBRATION

77	19.833	2860	2864	2869	rVB	362966	537999	4.76%	0.351%
78	19.892	2870	2874	2879	rVB	239998	365451	3.24%	0.238%
79	19.969	2882	2887	2895	rBV4	451598	1317039	11.66%	0.859%
80	20.104	2906	2910	2911	rBV3	314421	398201	3.53%	0.260%
81	20.139	2912	2916	2921	rVB	967909	1373857	12.16%	0.896%
82	20.239	2929	2933	2936	rBV	565599	688883	6.10%	0.449%
83	20.292	2936	2942	2946	rVV2	663119	1109531	9.82%	0.723%
84	20.333	2946	2949	2952	rVB	314975	375704	3.33%	0.245%
85	20.428	2962	2965	2969	rBV	415287	579920	5.13%	0.378%
86	20.475	2970	2973	2976	rVB	345856	417999	3.70%	0.273%
87	20.869	3037	3040	3046	rVB	669246	856934	7.59%	0.559%
88	21.033	3065	3068	3071	rVB	589177	674332	5.97%	0.440%
89	21.075	3071	3075	3078	rVV	608132	943117	8.35%	0.615%
90	21.110	3078	3081	3086	rVV2	744005	1216402	10.77%	0.793%
91	21.163	3086	3090	3096	rVB2	675505	968478	8.57%	0.631%
92	21.375	3120	3126	3131	rBV3	5268031	11196626	99.13%	7.300%
93	21.422	3131	3134	3144	rVB	4087486	5435185	48.12%	3.544%
94	21.545	3152	3155	3161	rVB	620045	809145	7.16%	0.528%
95	21.710	3180	3183	3188	rVB2	521257	768680	6.81%	0.501%
96	23.080	3410	3416	3421	rBV	3128463	7365947	65.21%	4.802%
97	23.610	3501	3506	3511	rBV	1565433	3135820	27.76%	2.044%
98	23.669	3511	3516	3520	rVV2	2217318	4400923	38.96%	2.869%
99	23.716	3520	3524	3532	rVB	2473981	4708268	41.68%	3.070%
100	23.821	3537	3542	3548	rBV2	1524827	2958242	26.19%	1.929%

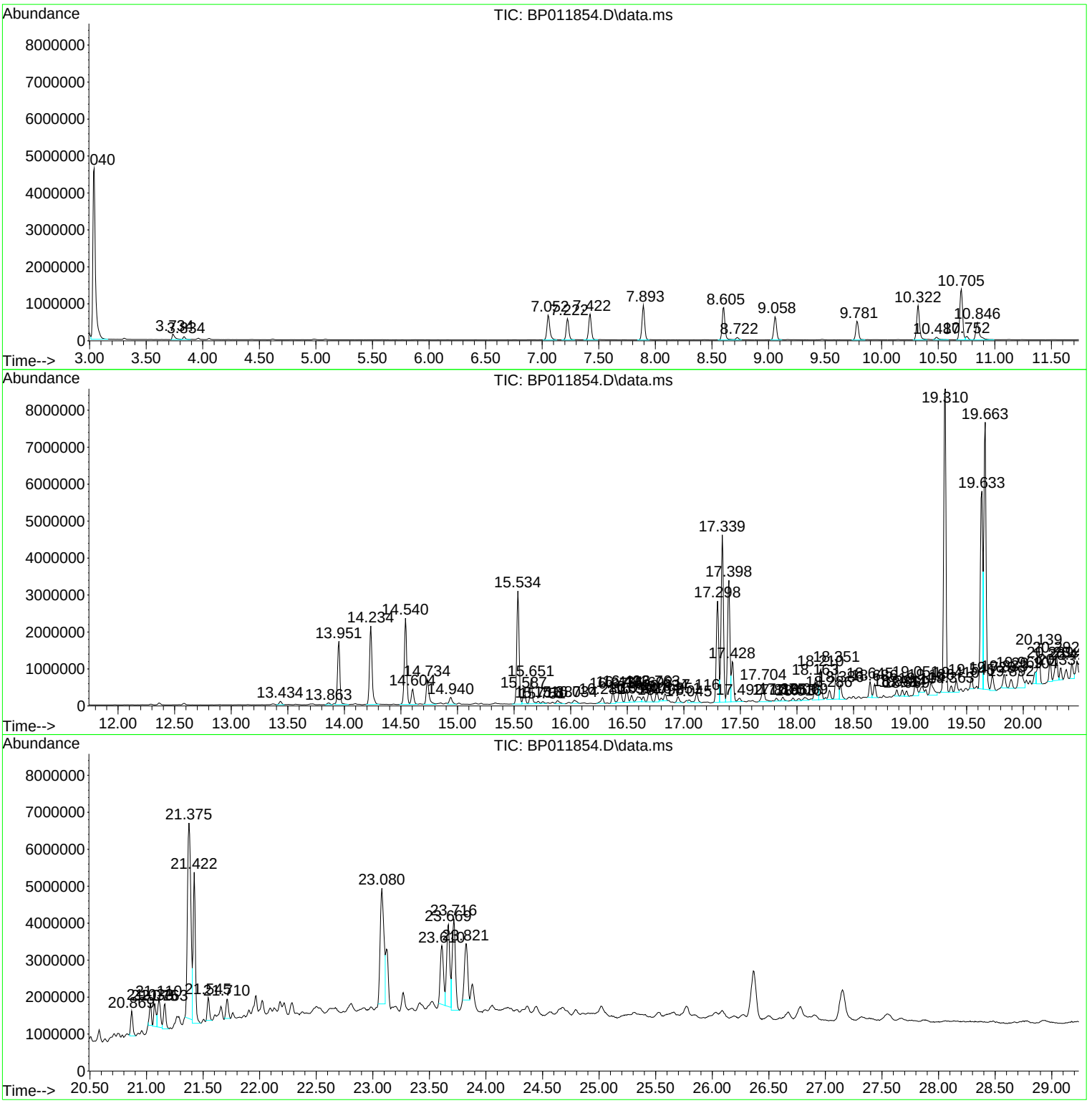
Sum of corrected areas: 153381426

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

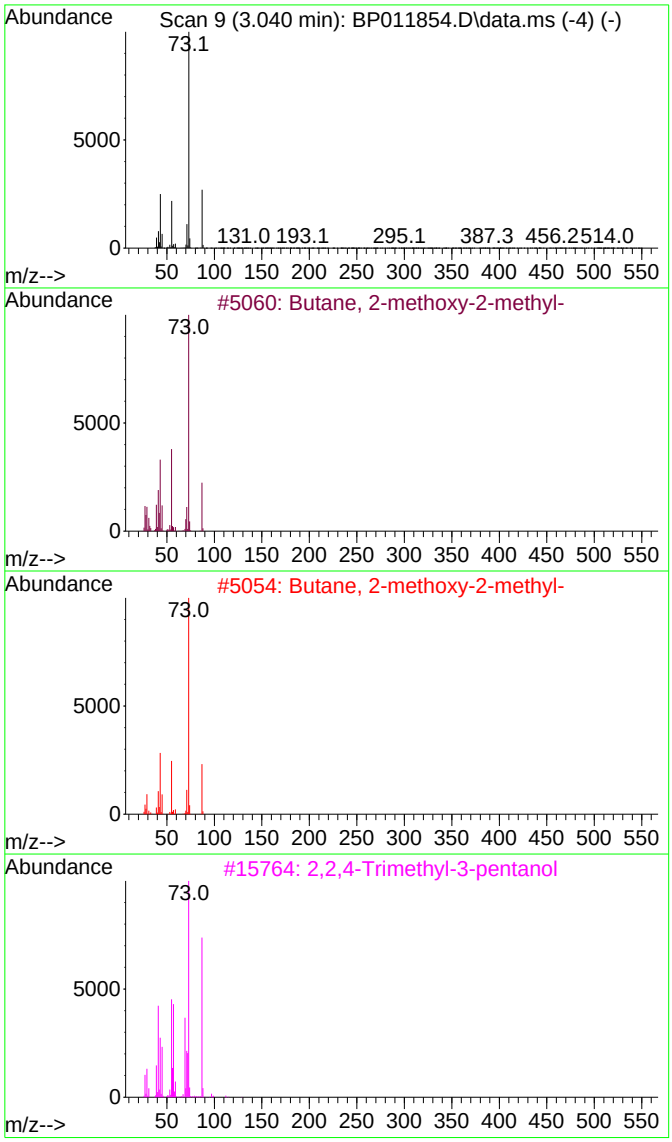
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

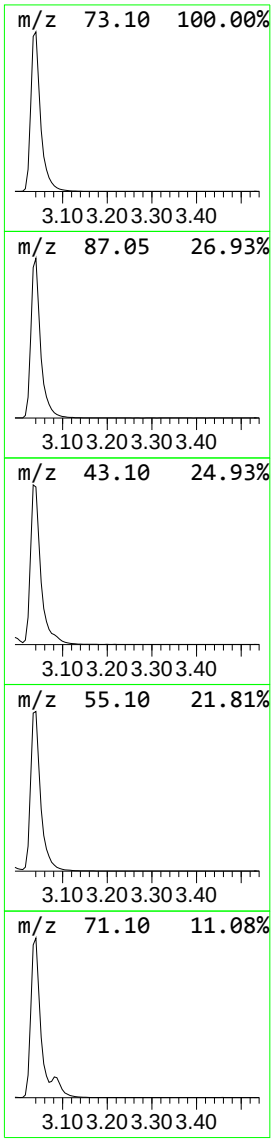
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.040	97.82 ng/ul	7290340	1,4-Dichlorobenzene-d4	7.893

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

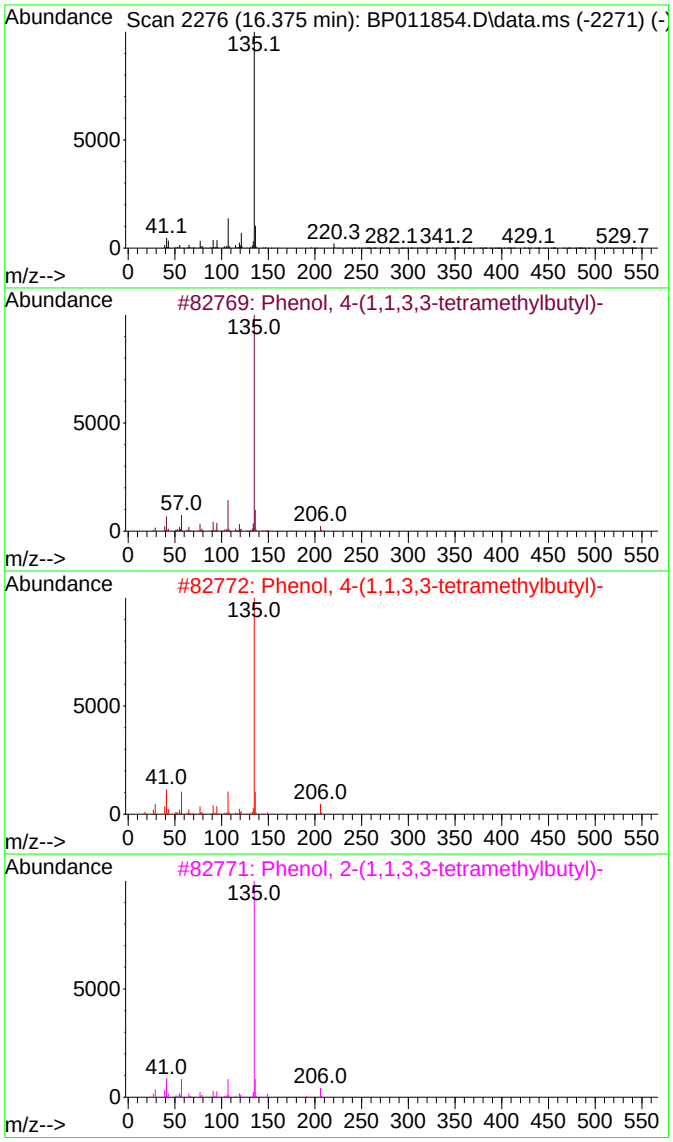
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

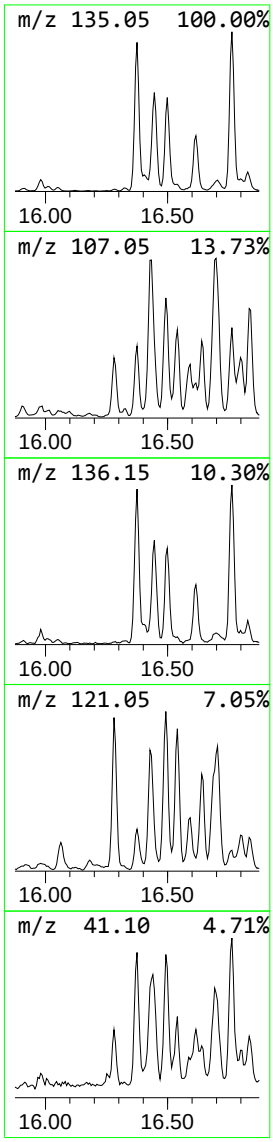
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1,3,3-tetramet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.375	2.23 ng/ul	452166	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	86
2	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
3	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
4	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	72
5	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

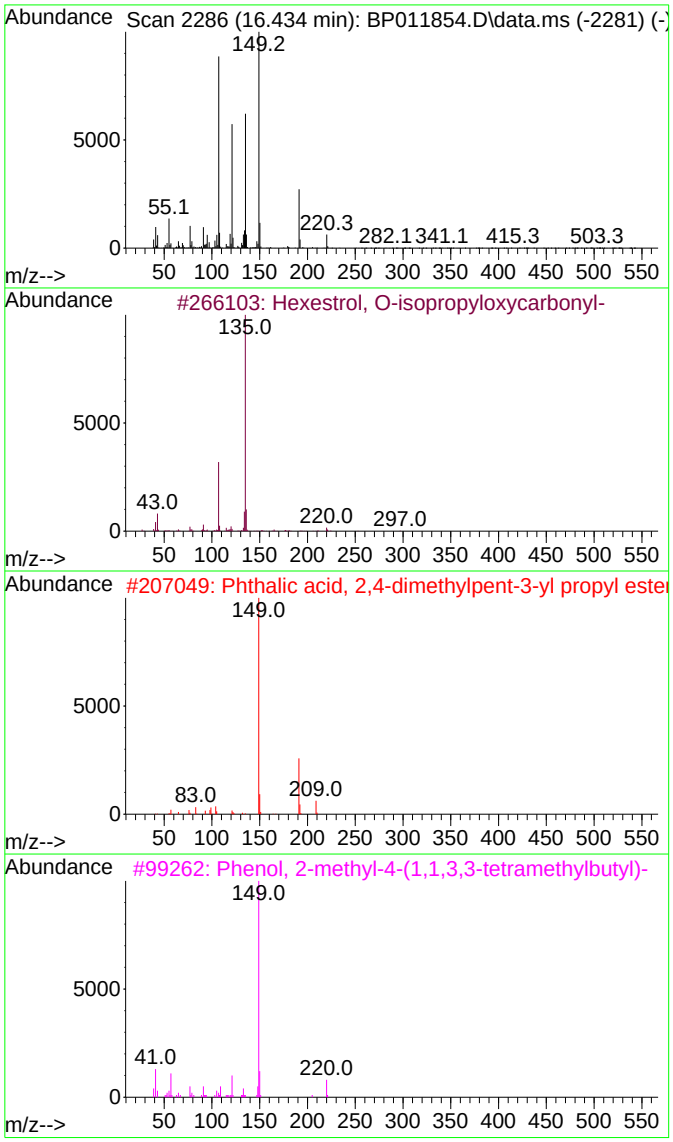
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

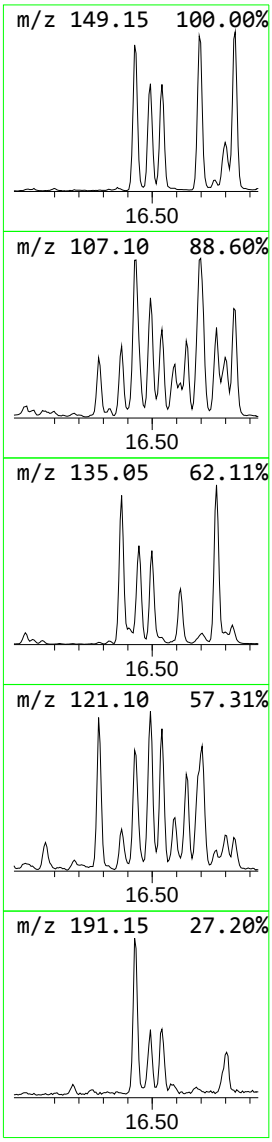
****

Peak Number 3 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.434	3.01 ng/ul	610203	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexestrol, O-isopropyloxycarbonyl-	356	C22H28O4	1000487-68-4	38
2	Phthalic acid, 2,4-dimethylpent-...	306	C18H26O4	1010356-84-2	35
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	30
4	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	30
5	Benzene, [1-(1-methylethoxy)-3-b...	190	C13H18O	098088-47-2	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

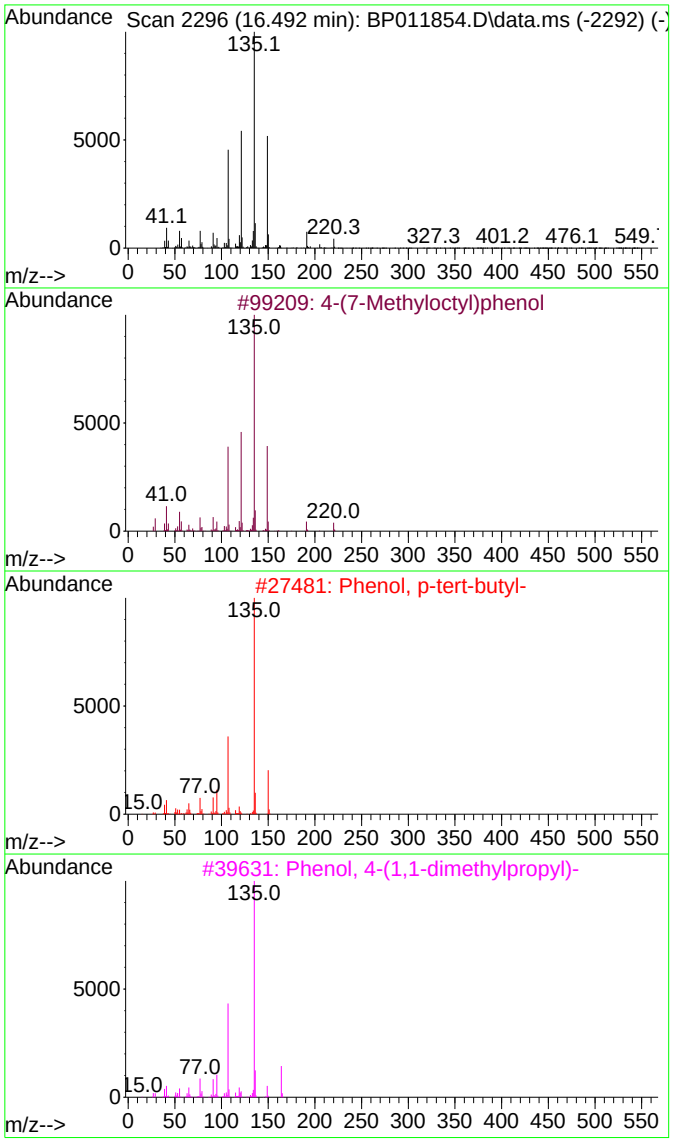
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

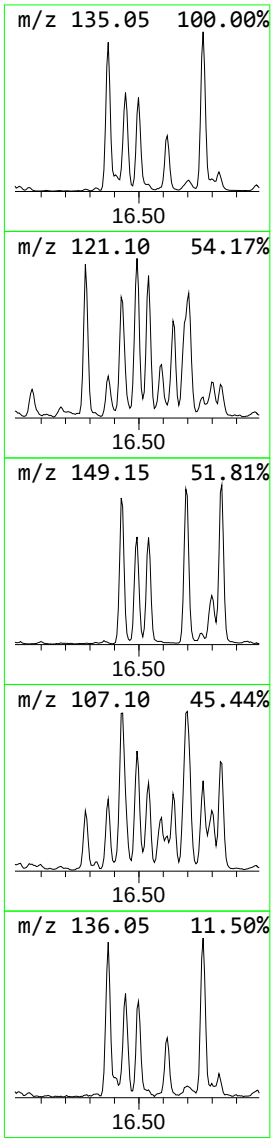
****

Peak Number 4 4-(7-Methyloctyl)phenol Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.493	2.52 ng/ul	509944	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(7-Methyloctyl)phenol	220	C15H24O	024518-48-7	98
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	53
4	Phenol, 2-(1,1-dimethylethyl)-	150	C10H14O	000088-18-6	52
5	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

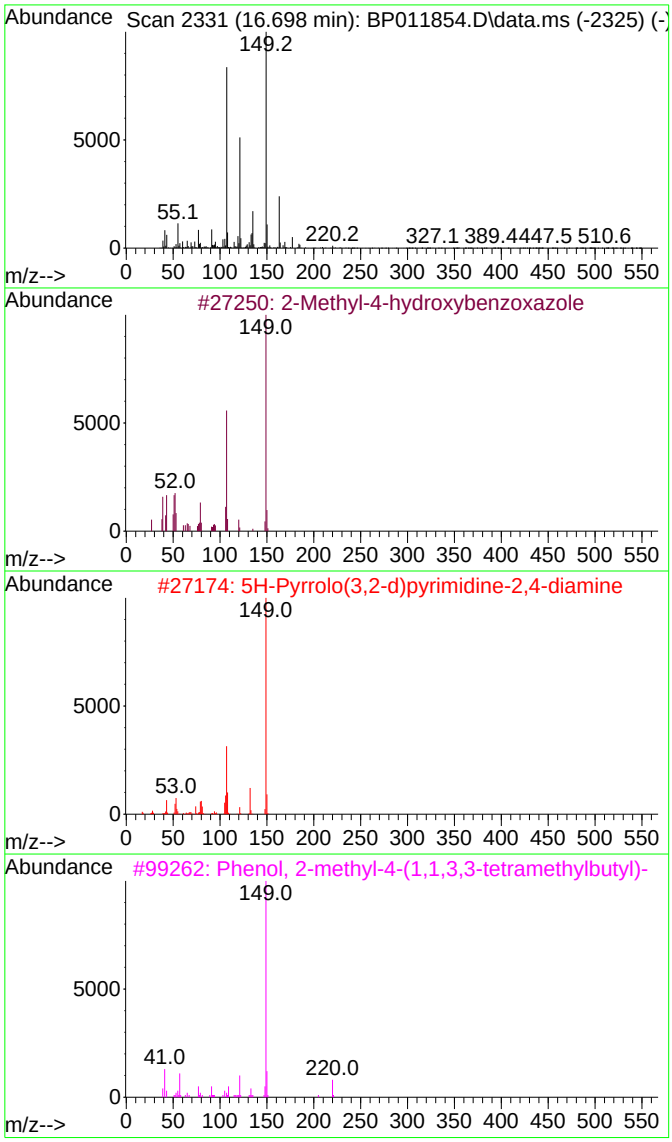
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

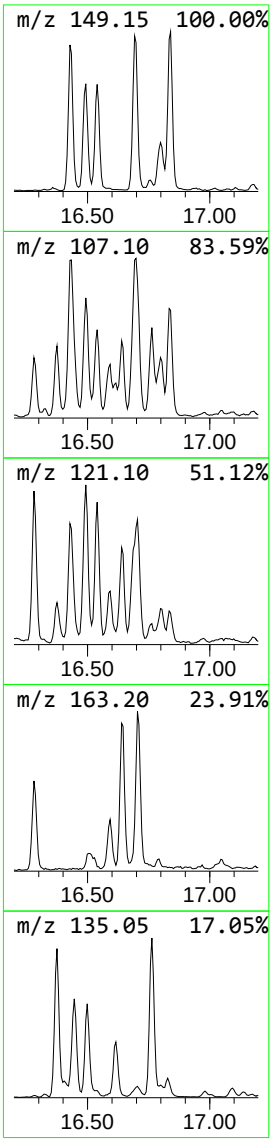
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2-Methyl-4-hydroxybenzoxazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.698	2.56 ng/ul	518821	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-hydroxybenzoxazole	149	C8H7NO2	051110-60-2	59
2	5H-Pyrrolo(3,2-d)pyrimidine-2,4-...	149	C6H7N5	1000244-21-4	38
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	35
4	Phenol, 2-(1,1-dimethylethyl)-3-...	164	C11H16O	013037-79-1	35
5	3,4-(methylenedioxy)-phenylbutan...	192	C11H12O3	1000378-99-2	35





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Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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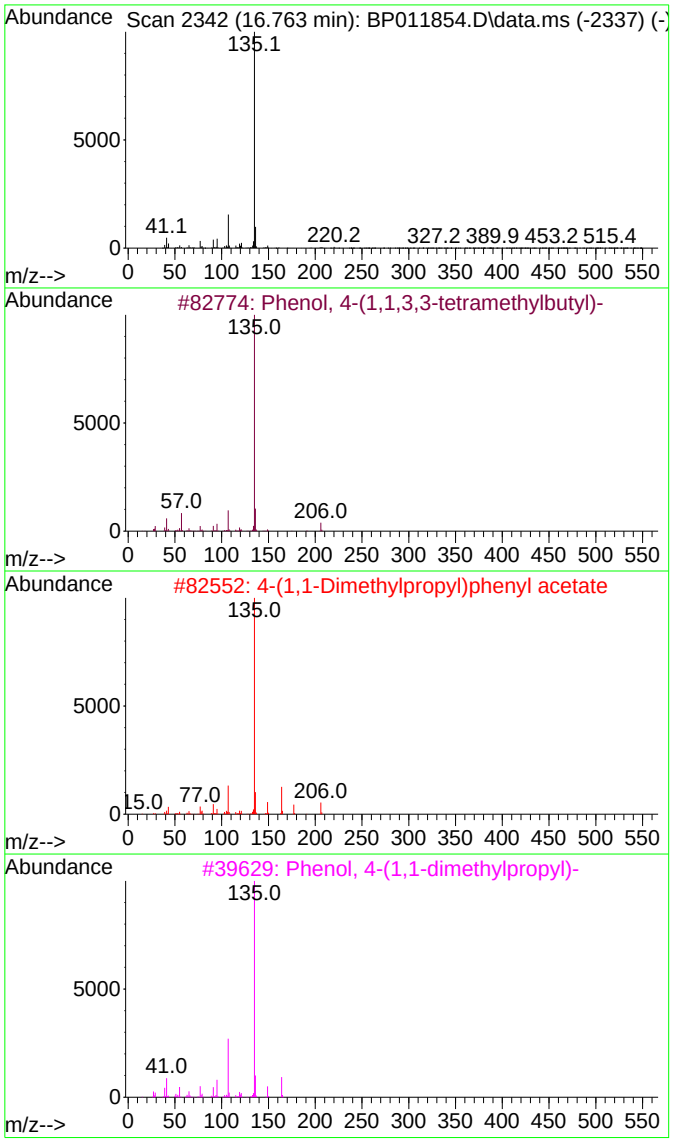
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

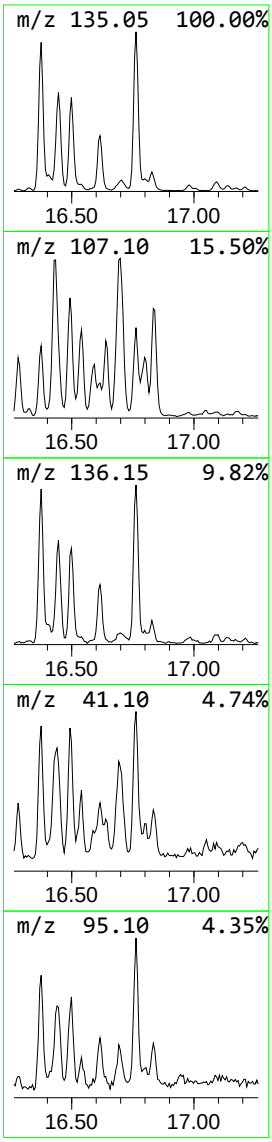
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4-(1,1-Dimethylpropyl)pheny... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.763	2.19 ng/ul	443216	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1,3,3-tetramethylbu...	206	C14H22O	000140-66-9	78
2	4-(1,1-Dimethylpropyl)phenyl ace...	206	C13H18O2	1000373-45-3	78
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	78
4	Phenol, 2-(1,1,3,3-tetramethylbu...	206	C14H22O	003884-95-5	78
5	4-tert-Butylphenol, O-(n-propylo...	236	C14H20O3	1000487-25-4	78





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Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

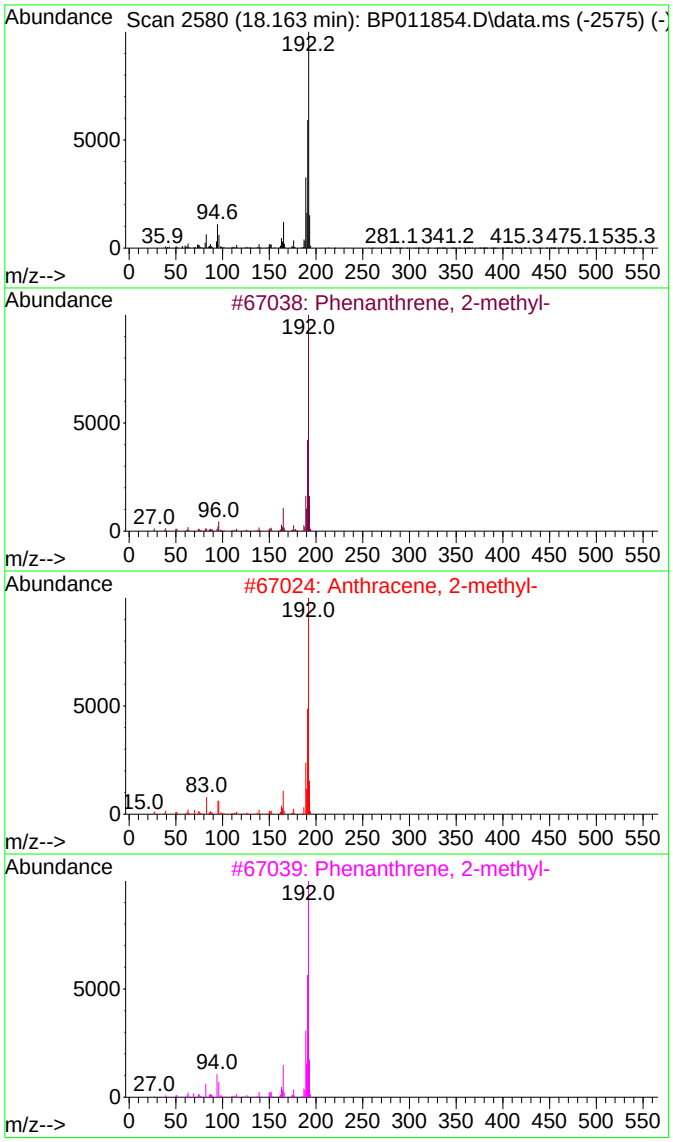
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

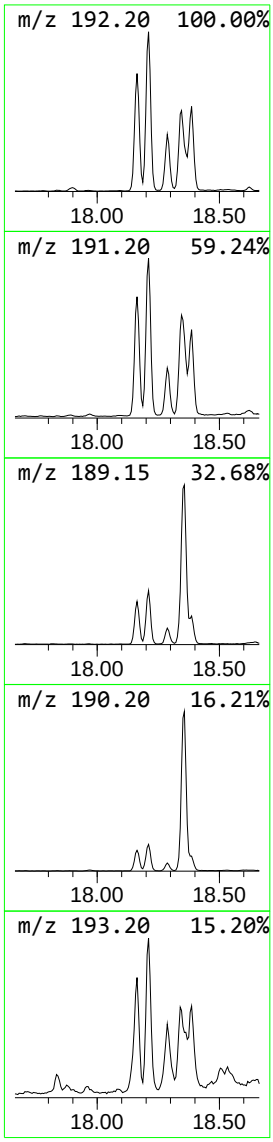
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	6.30 ng/ul	1276580	Phenanthrene-d10	17.298

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





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Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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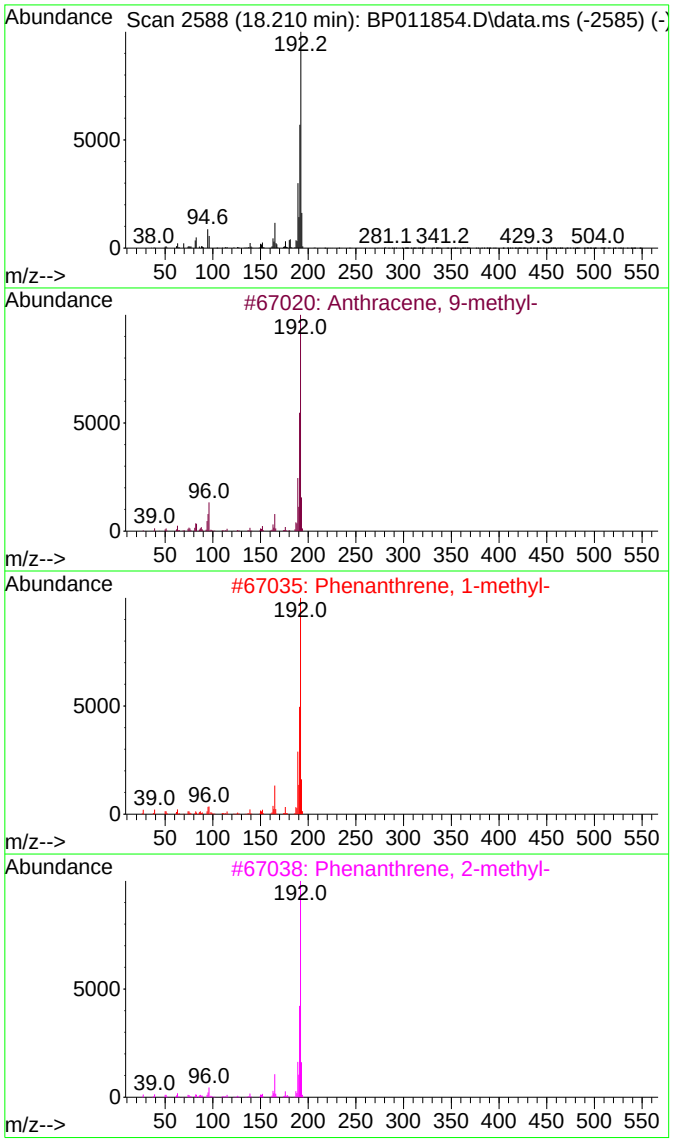
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

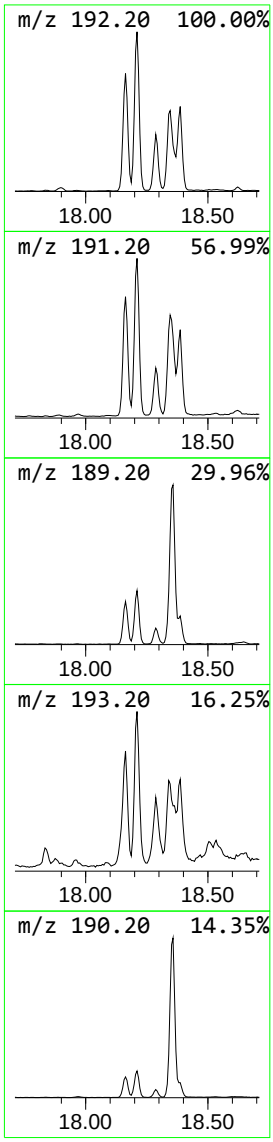
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	5.36 ng/ul	1086210	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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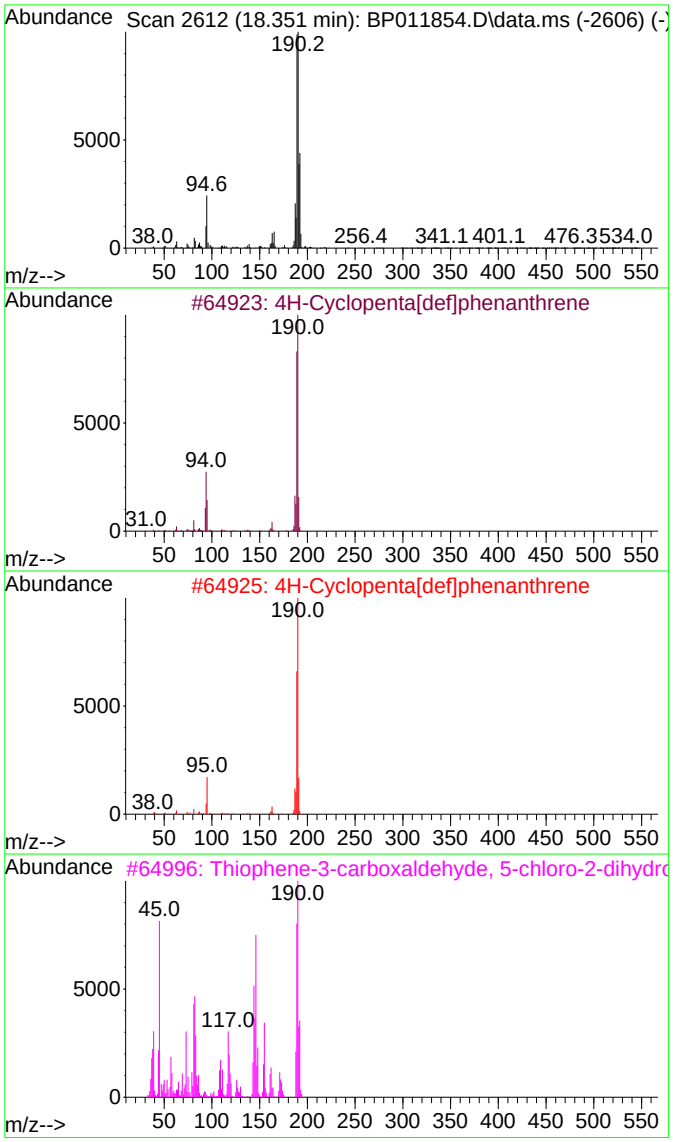
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

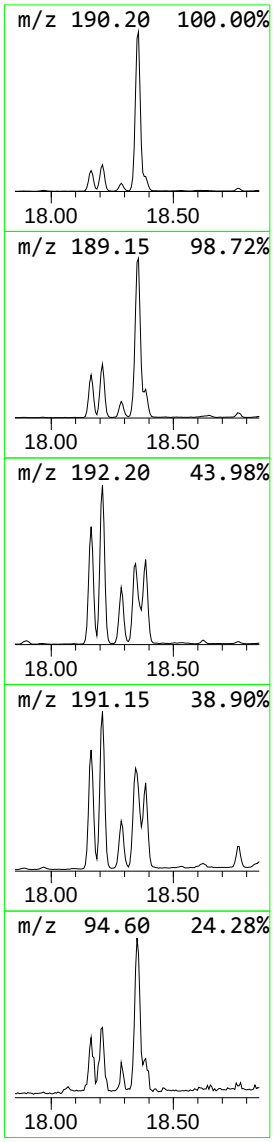
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.351	7.95 ng/ul	1609700	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Methyl diselenide	190	C2H6Se2	007101-31-7	43





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Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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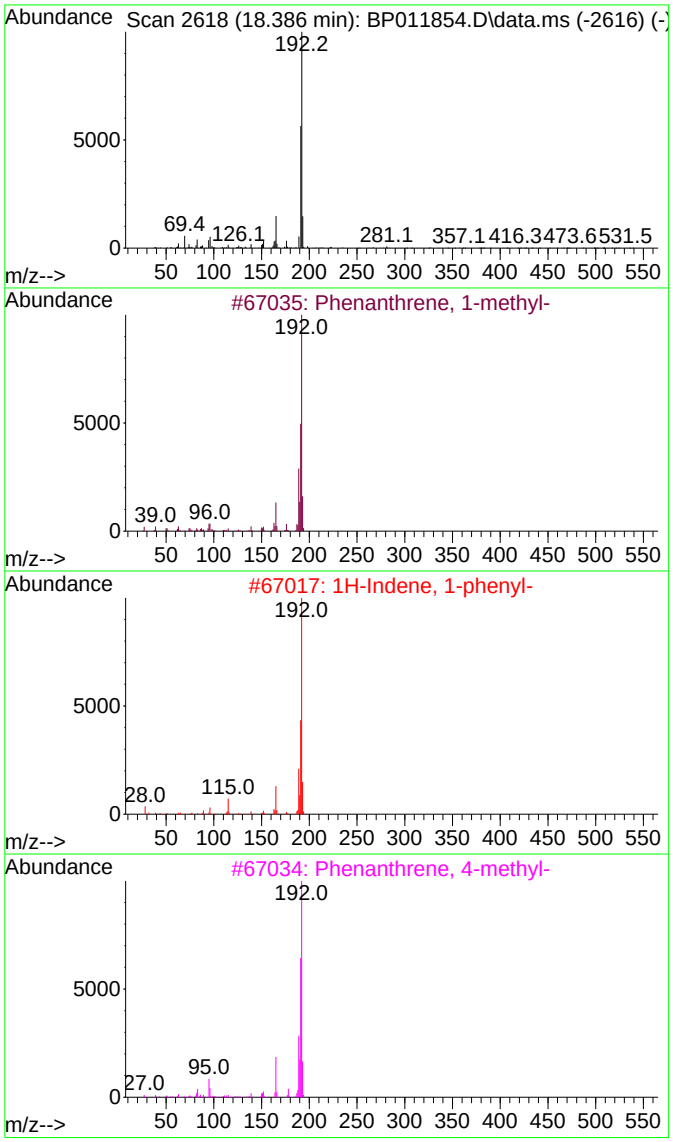
Quant Title : SVOA CALIBRATION

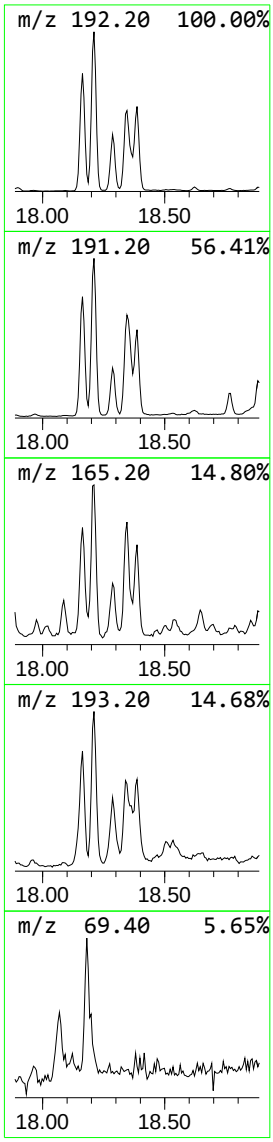
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.387	2.30 ng/ul	466517	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	90
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





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Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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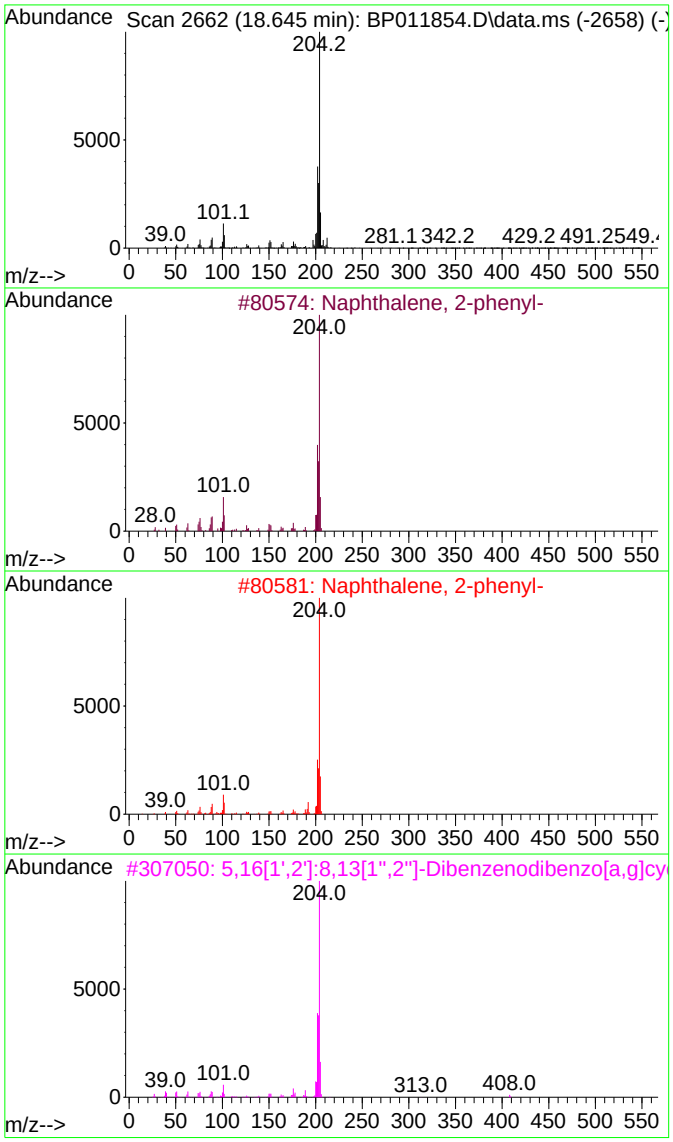
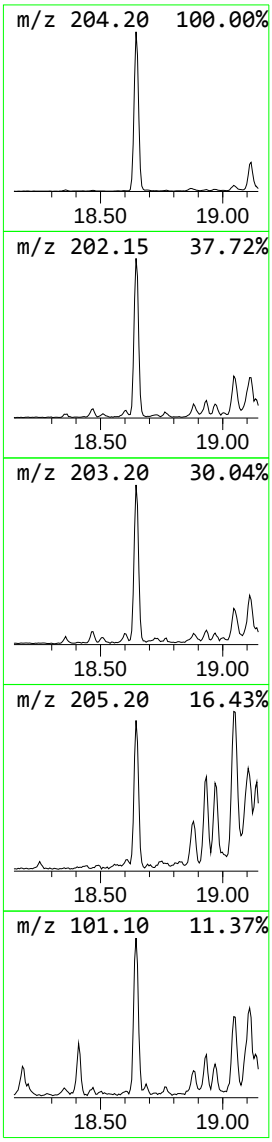
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	2.62 ng/ul	530224	Phenanthrene-d10	17.298

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	89
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86





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Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

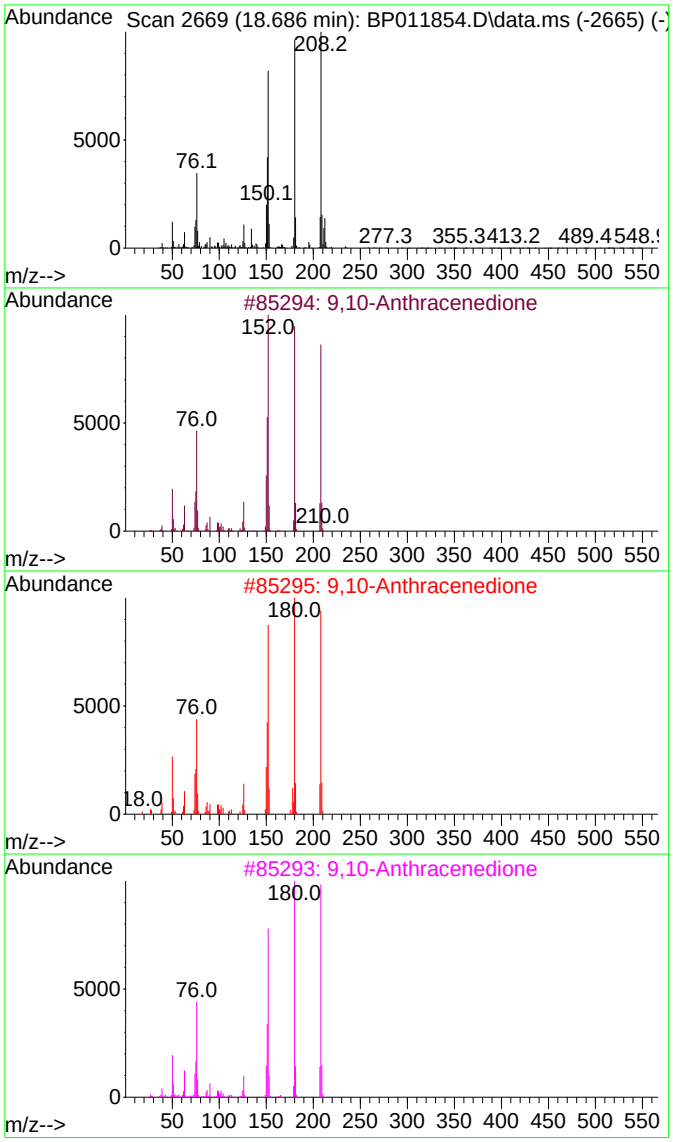
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

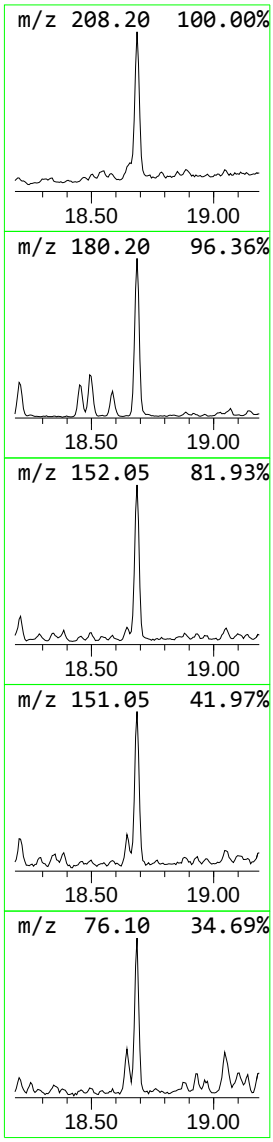
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.686	2.45 ng/ul	496522	Phenanthrene-d10	17.298

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	97
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	87





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Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

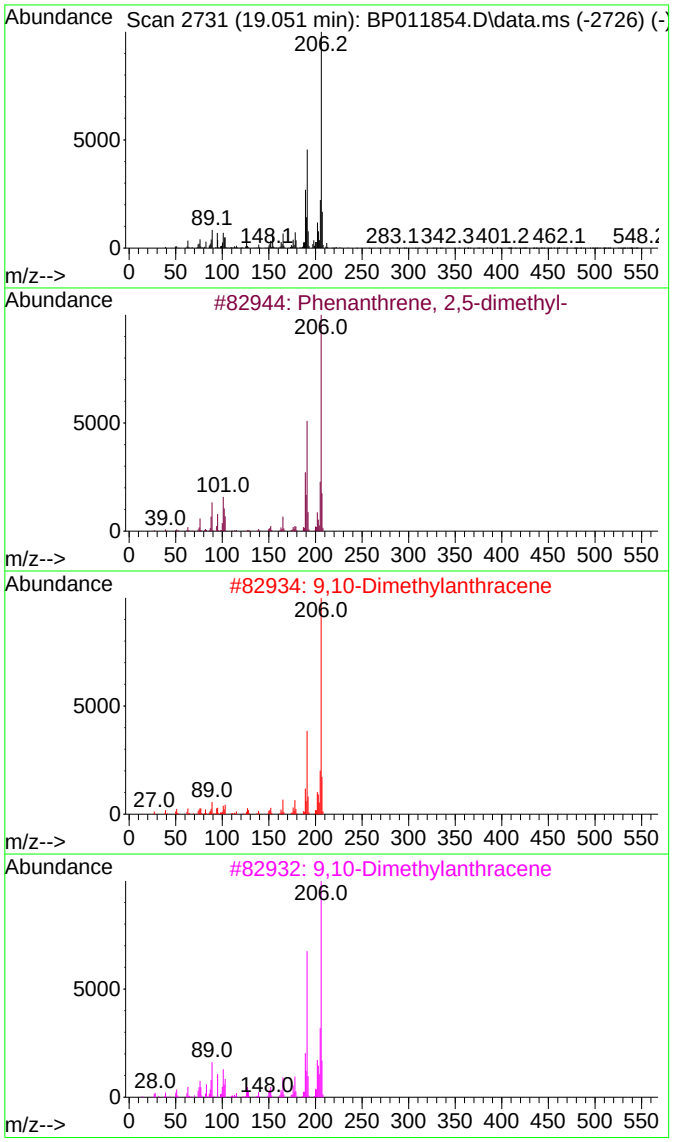
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

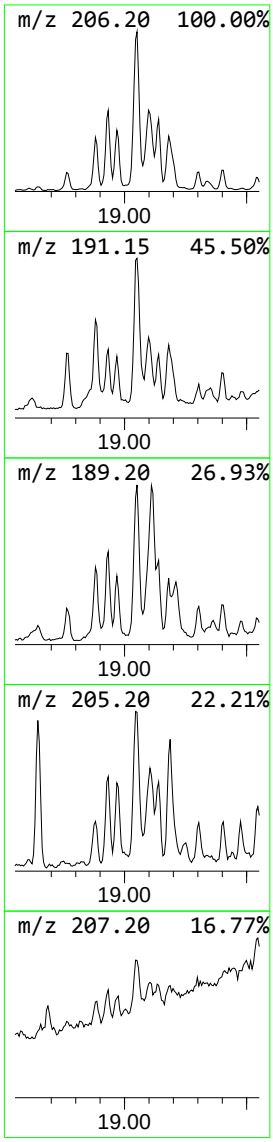
****

Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.051	3.44 ng/ul	696277	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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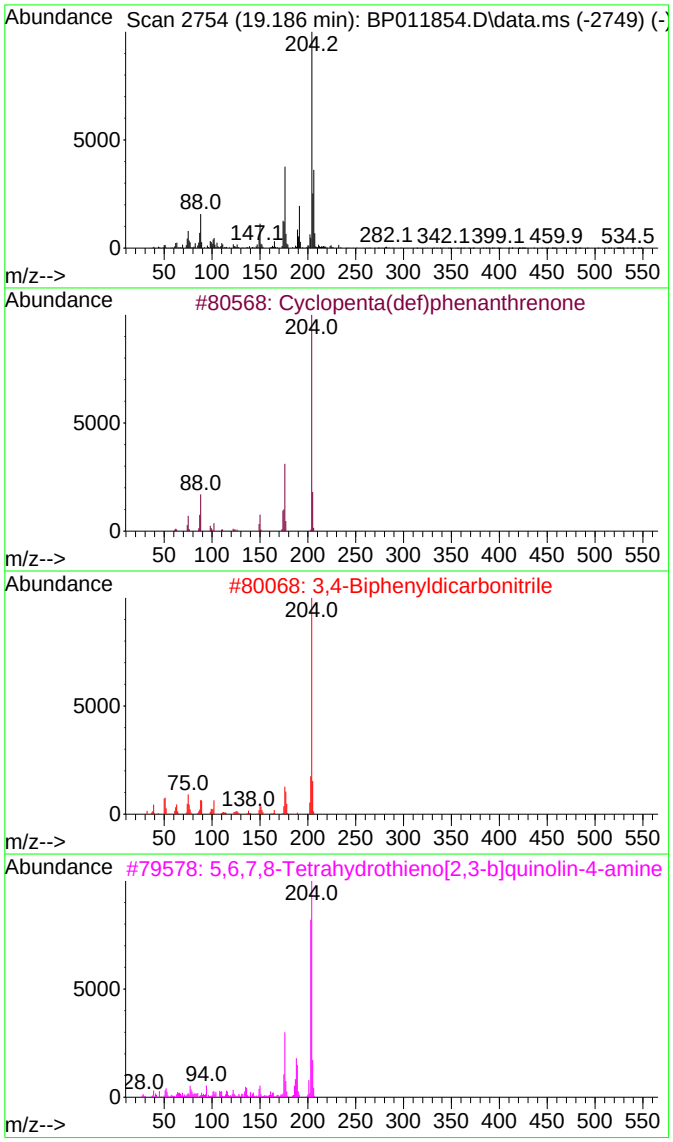
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

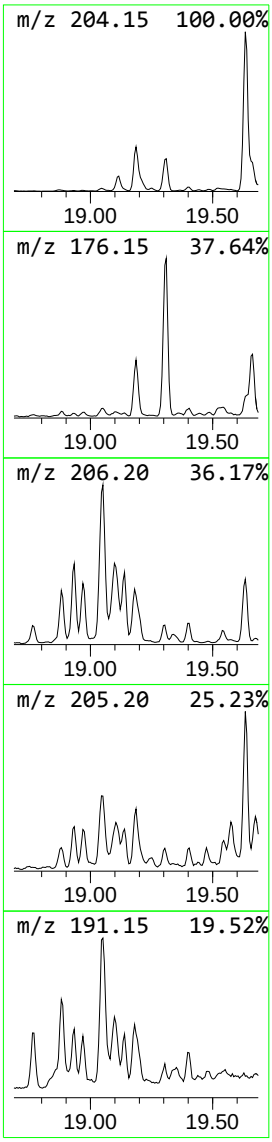
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.186	3.82 ng/ul	773521	Phenanthrene-d10	17.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	49
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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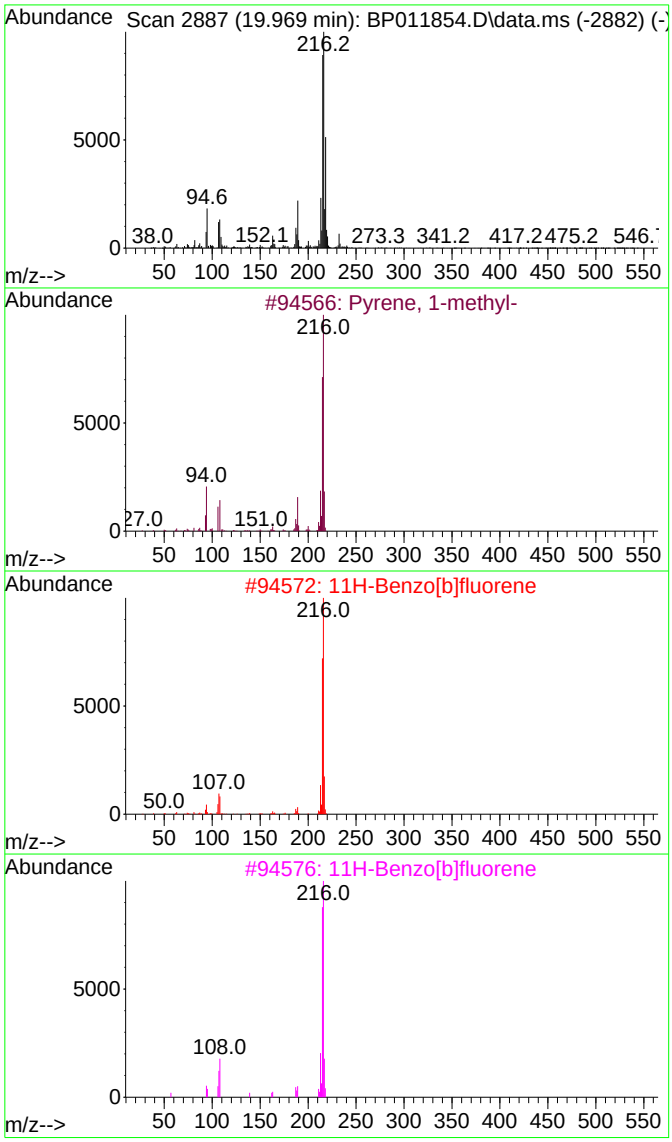
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

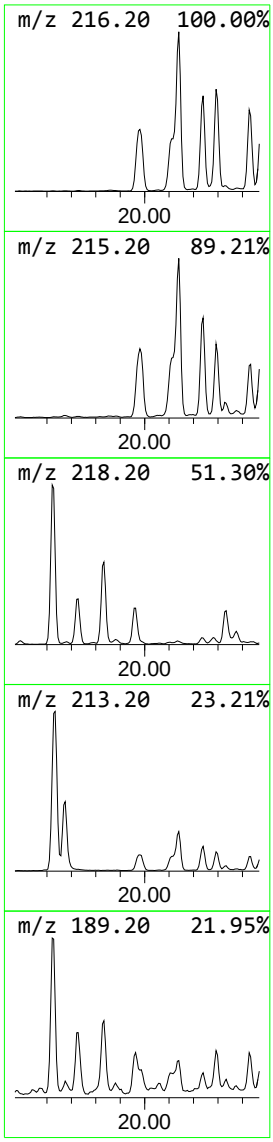
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.969	2.35 ng/ul	1317040	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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ALS Vial : 4 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

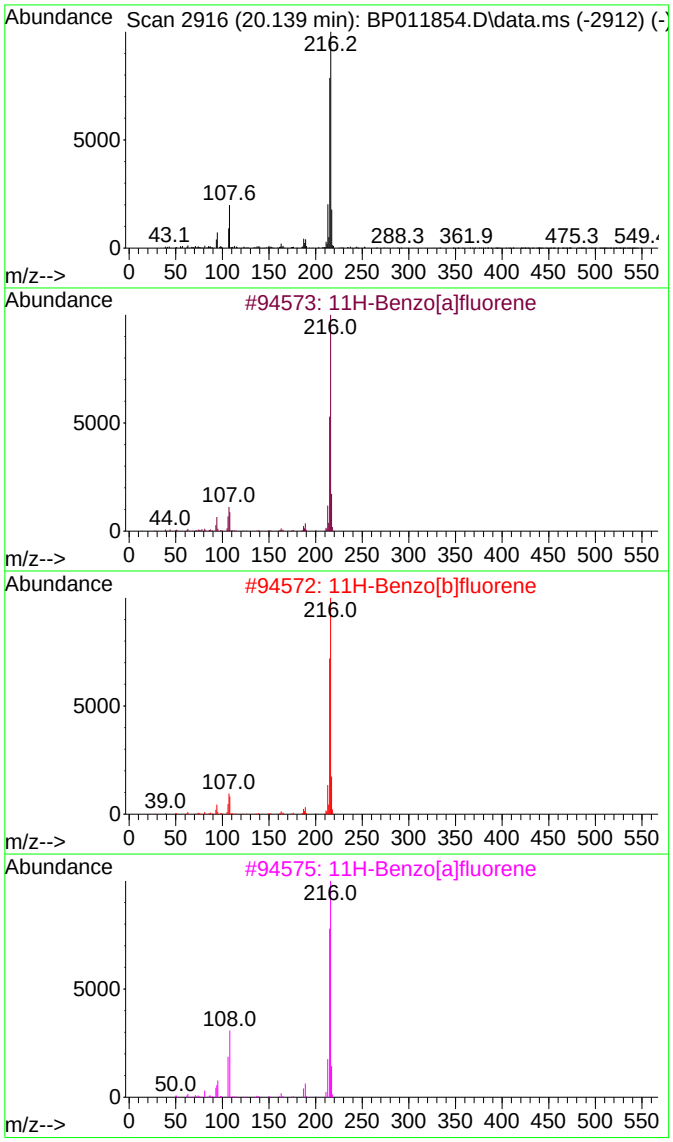
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

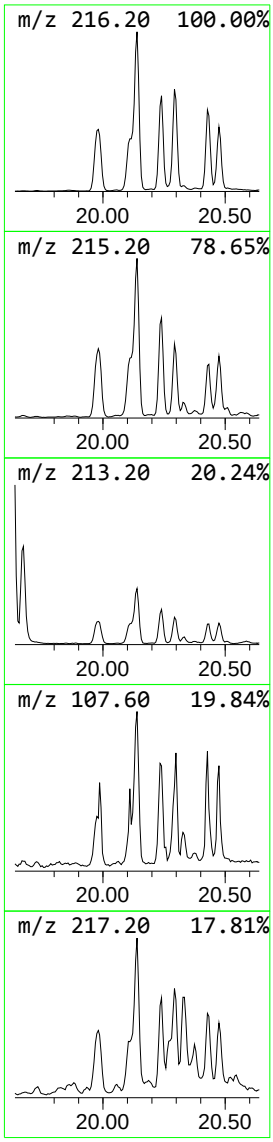
****

Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	2.45 ng/ul	1373860	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83





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Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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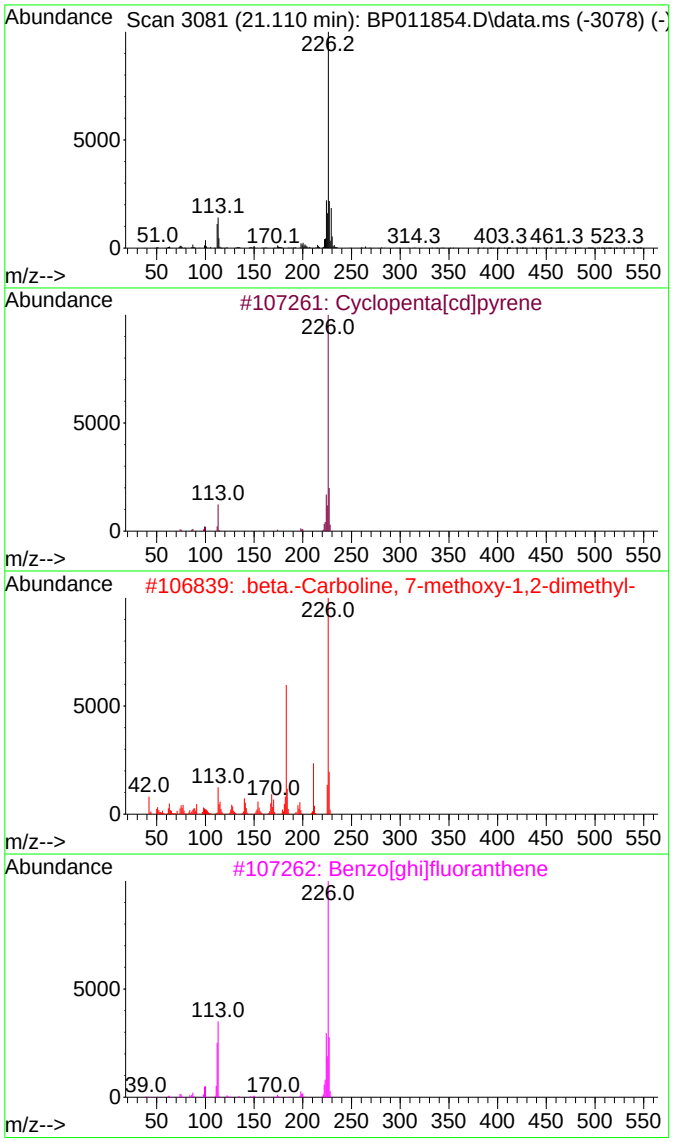
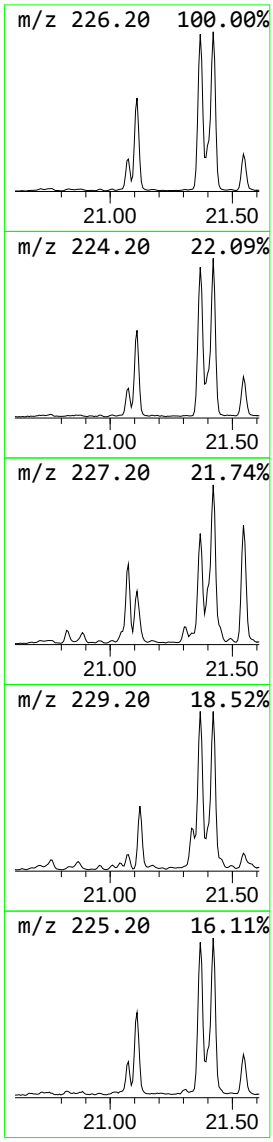
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.110	2.17 ng/ul	1216400	Chrysene-d12	21.386

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	70
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
3	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	52
4	7-p-Tolyl-1,5-dihydro-imidazo[4,...	226	C12H10N4O	1000317-75-5	40
5	3-Hydroxy-4-methyl-6H-benzo[c]ch...	226	C14H10O3	076244-77-4	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

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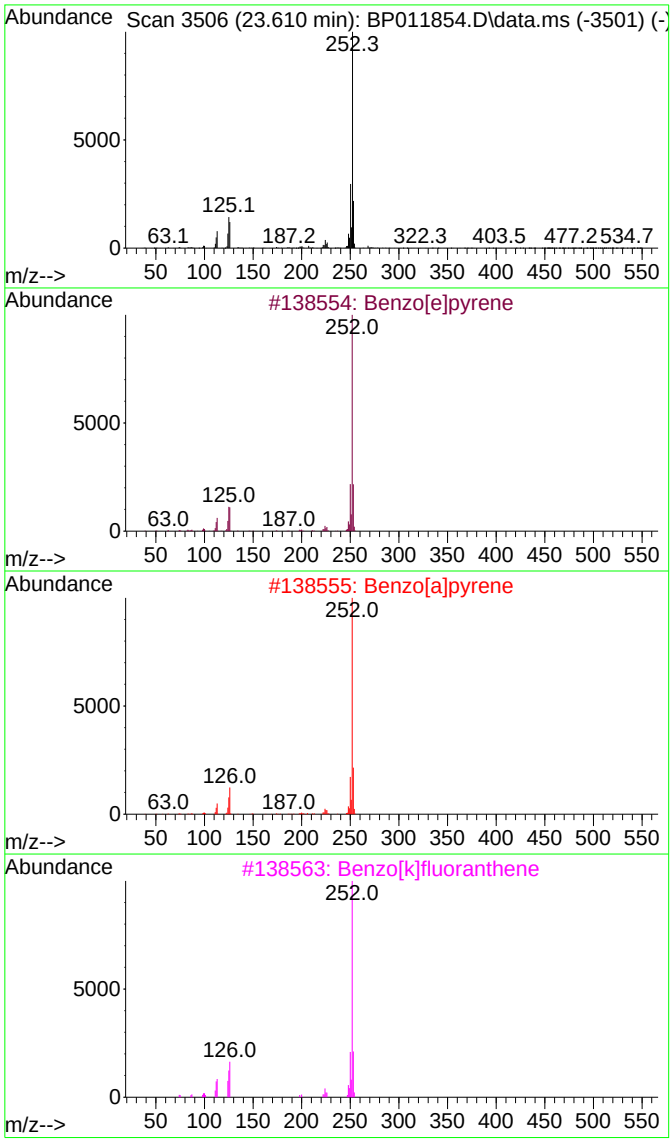
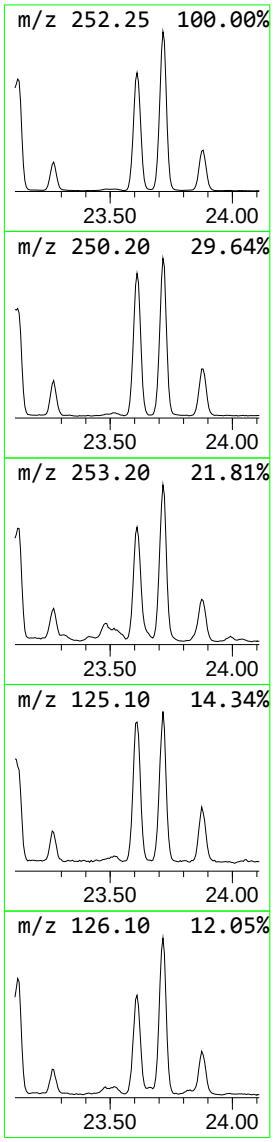
Peak Number 18 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.610	21.20 ng/ul	3135820	Perylene-d12	23.827

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100122\
Data File : BP011854.D
Acq On : 01 Oct 2022 10:44
Operator : CG/JU
Sample : N4745-01
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CB8F9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP093022.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.040	97.8	ng/ul	7290340	1	7.893	1490560	20.0
Phenol, 4-(1,1,...	16.375	2.2	ng/ul	452166	4	17.298	4050960	20.0
unknown-01	16.434	3.0	ng/ul	610203	4	17.298	4050960	20.0
4-(7-Methylocty...	16.493	2.5	ng/ul	509944	4	17.298	4050960	20.0
2-Methyl-4-hydr...	16.698	2.6	ng/ul	518821	4	17.298	4050960	20.0
4-(1,1-Dimethyl...	16.763	2.2	ng/ul	443216	4	17.298	4050960	20.0
Phenanthrene, 2...	18.163	6.3	ng/ul	1276580	4	17.298	4050960	20.0
Anthracene, 9-m...	18.210	5.4	ng/ul	1086210	4	17.298	4050960	20.0
4H-Cyclopenta[d...	18.351	8.0	ng/ul	1609700	4	17.298	4050960	20.0
Phenanthrene, 1...	18.387	2.3	ng/ul	466517	4	17.298	4050960	20.0
Naphthalene, 2-...	18.645	2.6	ng/ul	530224	4	17.298	4050960	20.0
9,10-Anthracene...	18.686	2.5	ng/ul	496522	4	17.298	4050960	20.0
Phenanthrene, 2...	19.051	3.4	ng/ul	696277	4	17.298	4050960	20.0
Cyclopenta(def)...	19.186	3.8	ng/ul	773521	4	17.298	4050960	20.0
Pyrene, 1-methyl-	19.969	2.4	ng/ul	1317040	5	21.386	11196600	20.0
11H-Benzo[a]flu...	20.139	2.5	ng/ul	1373860	5	21.386	11196600	20.0
Cyclopenta[cd]p...	21.110	2.2	ng/ul	1216400	5	21.386	11196600	20.0
Benzo[e]pyrene	23.610	21.2	ng/ul	3135820	6	23.827	2958240	20.0