LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BP021091.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.234	38	42	50	rVB	30875	47509	0.32%	0.034%
2	4.846	312	316	327	rVB	48159	79015	0.53%	0.057%
3	6.898	656	665	677	rVV	443717	835359	5.65%	0.599%
4	7.040	683	689	702	rVB	345368	592192	4.01%	0.425%
5	7.240	716	723	730	rBV	546288	851309	5.76%	0.611%
6	7.681	792	798	808	rBV	671424	1092551	7.39%	0.784%
7	8.410	915	922	934	rBV	564095	1037686	7.02%	0.744%
8	8.840	986	995	1006	rBV	439854	818453	5.54%	0.587%
9	9.392	1083	1089	1099	rVB	32840	57998	0.39%	0.042%
10	9.545	1108	1115	1126	rBV	353929	686318	4.64%	0.492%
11	10.098	1200	1209	1227	rBV	526993	1120922	7.58%	0.804%
12	10.445	1260	1268	1274	rBV	868082	1574541	10.65%	1.130%
13	10.498	1274	1277	1284	rVB	116794	201254	1.36%	0.144%
14	10.598	1287	1294	1313	rBV	218519	506520	3.43%	0.363%
15	11.198	1389	1396	1405	rBV	92168	206167	1.39%	0.148%
16	12.104	1545	1550	1564	rVB	80891	141272	0.96%	0.101%
17	12.333	1582	1589	1598	rVB	56528	105703	0.72%	0.076%
18	13.133	1717	1725	1729	rBV2	26414	49359	0.33%	0.035%
19	13.480	1777	1784	1790	rBV4	32788	85844	0.58%	0.062%
20	13.604	1800	1805	1812	rBV4	83288	174100	1.18%	0.125%
21	13.669	1812	1816	1817	rBV2	41701	48050	0.33%	0.034%
22	13.704	1817	1822	1829	rVB	1042456	1522379	10.30%	1.092%
23	13.863	1845	1849	1852	rBV	35144	46013	0.31%	0.033%
24	13.998	1866	1872	1887	rVB	1492082	2186066	14.79%	1.568%
25	14.128	1888	1894	1899	rVB3	46839	77299	0.52%	0.055%
26	14.310	1911	1925	1930	rBV	1613714	2315326	15.66%	1.661%
27	14.369	1930	1935	1940	rVV	496107	690489	4.67%	0.495%
28	14.527	1960	1962	1971	rVB2	543197	773041	5.23%	0.555%
29	14.622	1971	1978	1986	rBV3	257690	606029	4.10%	0.435%
30	14.716	1989	1994	2000	rVV	251109	428698	2.90%	0.308%
31	14.763	2000	2002	2006	rVB3	38123	46233	0.31%	0.033%
32	14.927	2026	2030	2036	rBV4	26912	58088	0.39%	0.042%
33	14.992	2037	2041	2048	rVV2	19988	47924	0.32%	0.034%
34	15.151	2065	2068	2072	rVB3	41070	53817	0.36%	0.039%
35	15.316	2090	2096	2102	rBV	1698526	2616233	17.70%	1.877%
36	15.375	2102	2106	2117	rVV	529157	866559	5.86%	0.622%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

37	15.498	2120	2127	2132	rVV2	219349	467955	3.17%	0.336%
38	15.545	2132	2135	2138	rVV	107835	167233	1.13%	0.120%
39	15.580	2138	2141	2146	rVV3	112394	199275	1.35%	0.143%
40	15.627	2146	2149	2153	rVV2	60220	95188	0.64%	0.068%
41	15.674	2153	2157	2165	rVB	97923	194148	1.31%	0.139%
42	15.827	2179	2183	2191	rVV	143775	278072	1.88%	0.199%
43	15.910	2191	2197	2203	rVB4	46660	111311	0.75%	0.080%
44	16.045	2216	2220	2221	rBV4	48323	62957	0.43%	0.045%
45	16.327	2265	2268	2272	rBV	57621	62885	0.43%	0.045%
46	16.404	2274	2281	2287	rVB4	119106	275112	1.86%	0.197%
47	16.457	2287	2290	2295	rVB2	74592	107361	0.73%	0.077%
48	16.516	2295	2300	2302	rBV5	50796	82358	0.56%	0.059%
49	16.557	2305	2307	2312	rVB	64664	81399	0.55%	0.058%
50	16.639	2314	2321	2325	rBV4	103030	238539	1.61%	0.171%
51	16.680	2326	2328	2332	rVB2	64968	73565	0.50%	0.053%
52	16.774	2340	2344	2350	rVB	267118	373811	2.53%	0.268%
53	16.863	2352	2359	2363	rVB2	121504	241150	1.63%	0.173%
54	16.933	2366	2371	2378	rVB	411146	601367	4.07%	0.431%
55	16.998	2378	2382	2384	rBV	63784	81424	0.55%	0.058%
56	17.027	2384	2387	2393	rVB2	116200	155806	1.05%	0.112%
57	17.127	2397	2404	2407	rVV	1904274	2978133	20.15%	2.137%
58	17.169	2407	2411	2416	rVV	7285615	10391485	70.30%	7.455%
59	17.221	2416	2420	2424	rVV2	2209825	3281637	22.20%	2.354%
60	17.257	2424	2426	2431	rVV	1456016	1723243	11.66%	1.236%
61	17.304	2431	2434	2437	rVV2	122113	179366	1.21%	0.129%
62	17.339	2437	2440	2447	rVB	146223	243794	1.65%	0.175%
63	17.516	2466	2470	2472	rBV	186510	253258	1.71%	0.182%
64	17.557	2472	2477	2486	rVB	646762	1173122	7.94%	0.842%
65	17.657	2491	2494	2498	rBV2	109492	156435	1.06%	0.112%
66	17.733	2502	2507	2514	rVV4	352263	696868	4.71%	0.500%
67	18.045	2553	2560	2563	rBV2	889492	2121935	14.36%	1.522%
68	18.086	2563	2567	2572	rVV	1224028	1795703	12.15%	1.288%
69	18.163	2576	2580	2585	rVV	375927	597120	4.04%	0.428%
70	18.227	2586	2591	2595	rVV3	1557329	2665552	18.03%	1.912%
71	18.268	2596	2598	2605	rVB	619970	830056	5.62%	0.595%
72	18.445	2625	2628	2635	rVB5	193978	267616	1.81%	0.192%
73	18.551	2642	2646	2651	rBV	625470	869276	5.88%	0.624%
74	18.610	2652	2656	2663	rVB	931405	1469627	9.94%	1.054%
75	18.863	2696	2699	2702	rBV	216178	264592	1.79%	0.190%
76	18.904	2703	2706	2710	rVV2	154545	241299	1.63%	0.173%

LSC Area Percent Report

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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

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-BP071024.MA.M
Title : SVOA CALIBRATION

77	18.980	2715	2719	2722	rBV	421289	649942	4.40%	0.466%
78	19.274	2762	2769	2773	rBV	10205391	14781585	100.00%	10.605%
79	19.315	2773	2776	2781	rVB2	359793	587485	3.97%	0.421%
80	19.392	2786	2789	2798	rVB2	640353	1160776	7.85%	0.833%
81	19.615	2821	2827	2830	rBV3	3717415	6941232	46.96%	4.980%
82	19.651	2830	2833	2841	rVV	7052339	9844585	66.60%	7.063%
83	19.721	2841	2845	2849	rVB2	447005	674844	4.57%	0.484%
84	19.827	2860	2863	2869	rVB	512012	735768	4.98%	0.528%
85	19.998	2885	2892	2897	rBV2	559801	1165104	7.88%	0.836%
86	20.162	2917	2920	2925	rVB	1533641	2132862	14.43%	1.530%
87	20.268	2934	2938	2942	rBV2	1107651	1386373	9.38%	0.995%
88	20.474	2971	2973	2976	rBV	319665	319233	2.16%	0.229%
89	20.521	2979	2981	2988	rVB	568291	734623	4.97%	0.527%
90	20.968	3053	3057	3061	rBV	757595	1079014	7.30%	0.774%
91	21.180	3090	3093	3097	rBV	654846	787726	5.33%	0.565%
92	21.227	3097	3101	3107	rBV4	1588560	2760365	18.67%	1.980%
93	21.309	3113	3115	3122	rVB	694076	888553	6.01%	0.637%
94	21.380	3122	3127	3133	rBV4	1099297	2205811	14.92%	1.582%
95	21.451	3135	3139	3144	rVB2	1382169	2234723	15.12%	1.603%
96	21.562	3152	3158	3165	rBV2	4097381	10519311	71.16%	7.547%
97	21.627	3165	3169	3176	rVB	3908057	6225679	42.12%	4.466%
98	22.415	3297	3303	3306	rBV4	901718	2022354	13.68%	1.451%
99	23.851	3539	3547	3554	rBV	2239683	6805942	46.04%	4.883%
100	24.909	3719	3727	3735	rVB2	1366176	3948122	26.71%	2.832%

Sum of corrected areas: 139389361

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
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Operator : MA/JU
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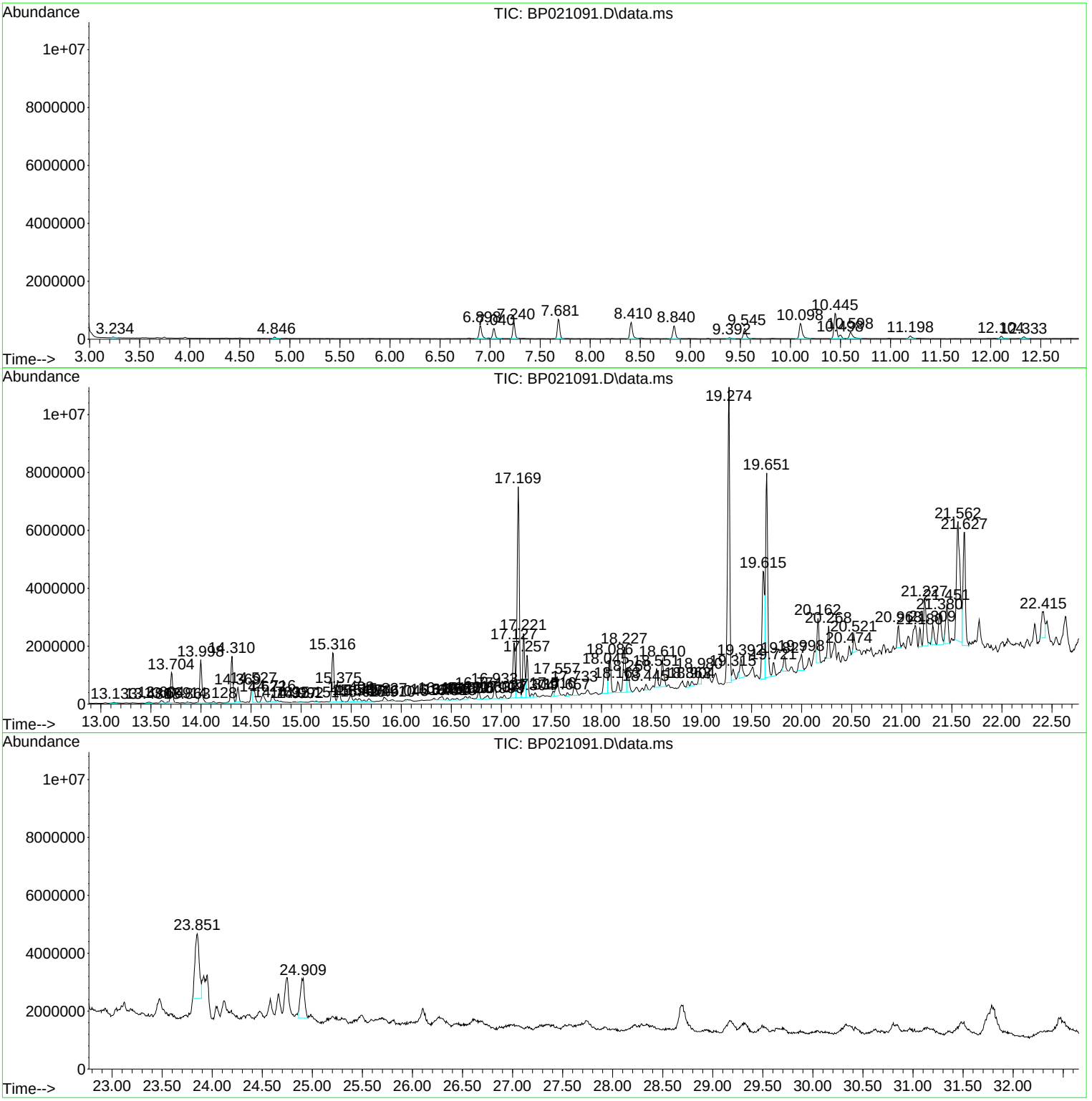
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

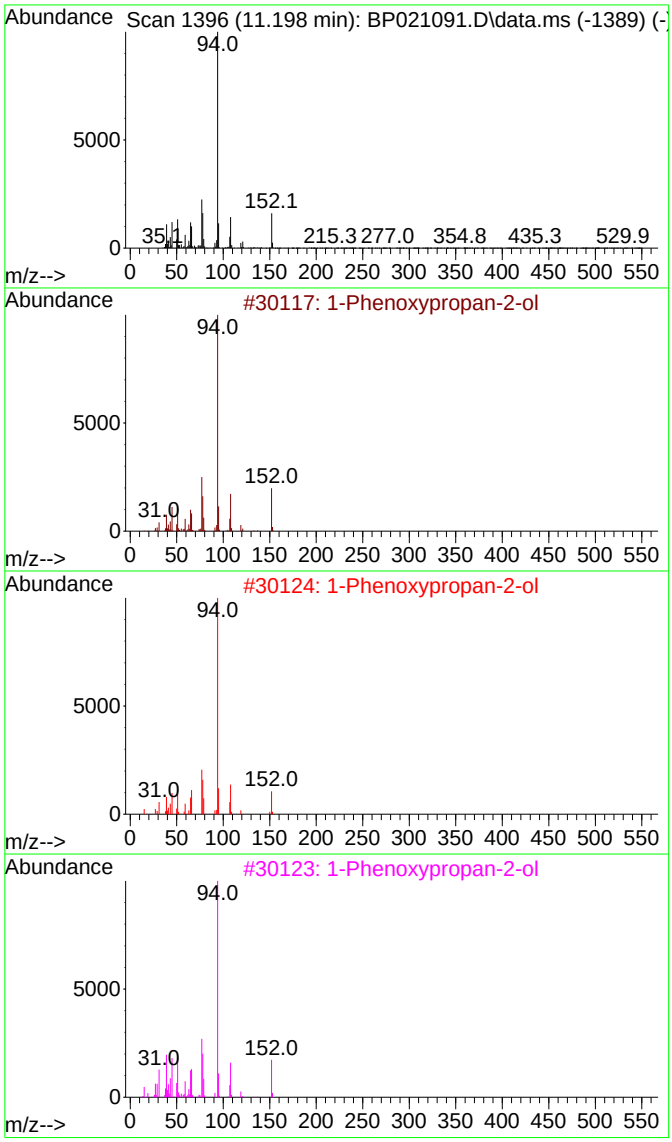
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

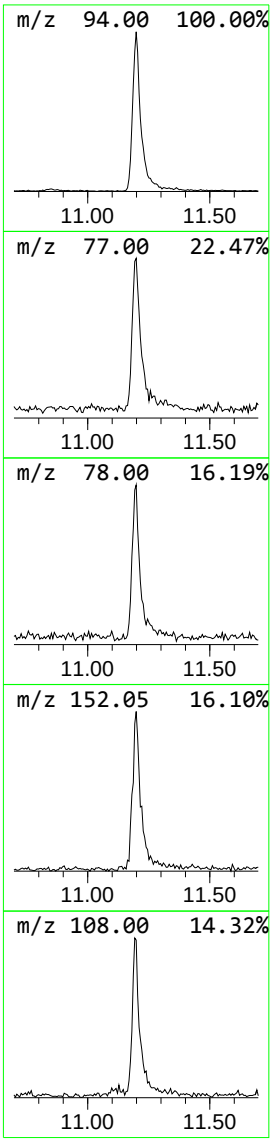
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.198	2.62 ng/ul	206167	Naphthalene-d8	10.445

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	95
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	87
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

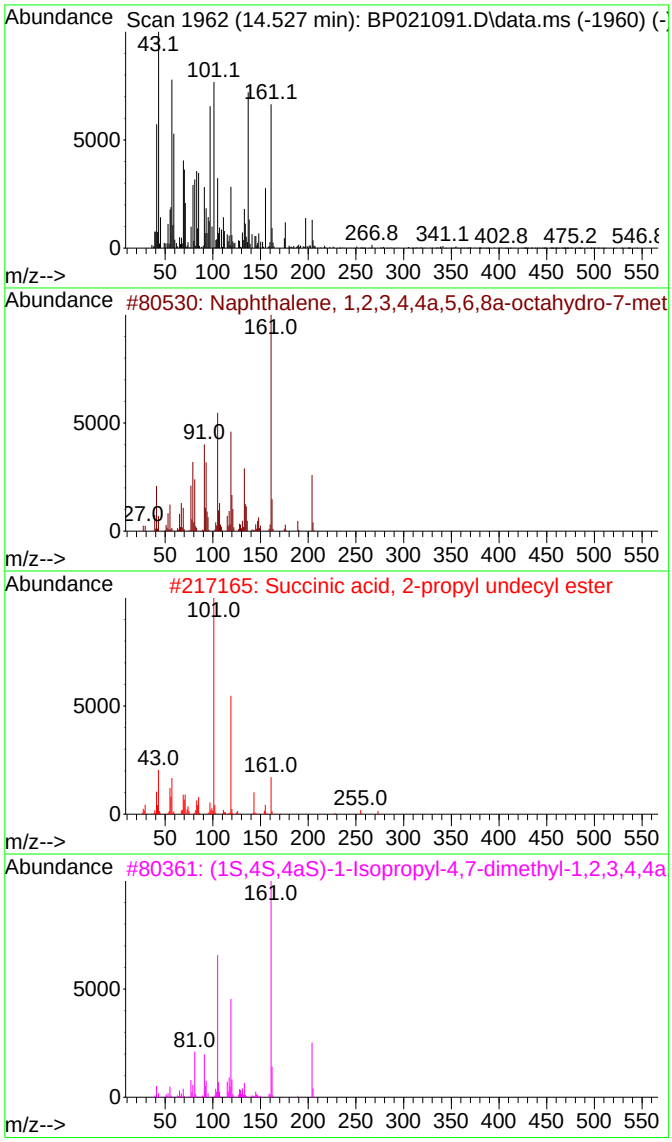
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

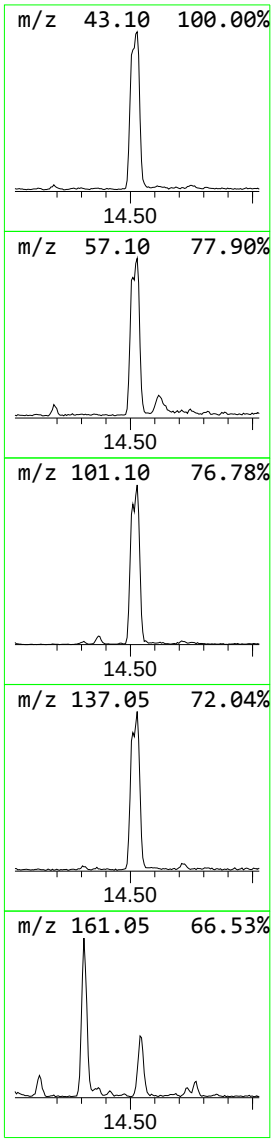
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.528	6.68 ng/ul	773041	Acenaphthene-d10	14.310

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	55
2	Succinic acid, 2-propyl undecyl ...	314	C18H34O4	1000325-02-5	27
3	(1S,4S,4aS)-1-Isopropyl-4,7-dime...	204	C15H24	267665-20-3	25
4	Germacrene D	204	C15H24	023986-74-5	25
5	Succinic acid, tetradec-11-enyl ...	466	C29H54O4	1000353-36-4	22





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

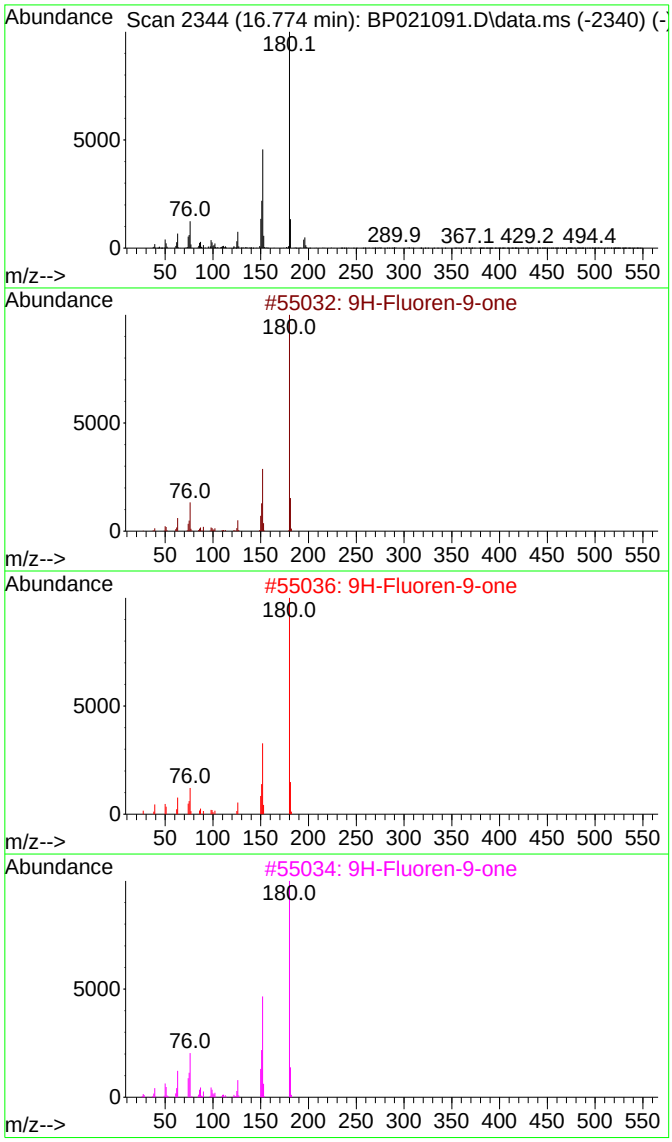
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

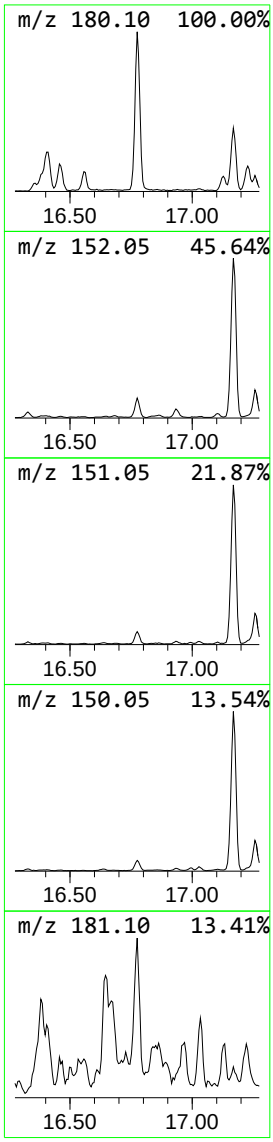
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.774	2.51 ng/ul	373811	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

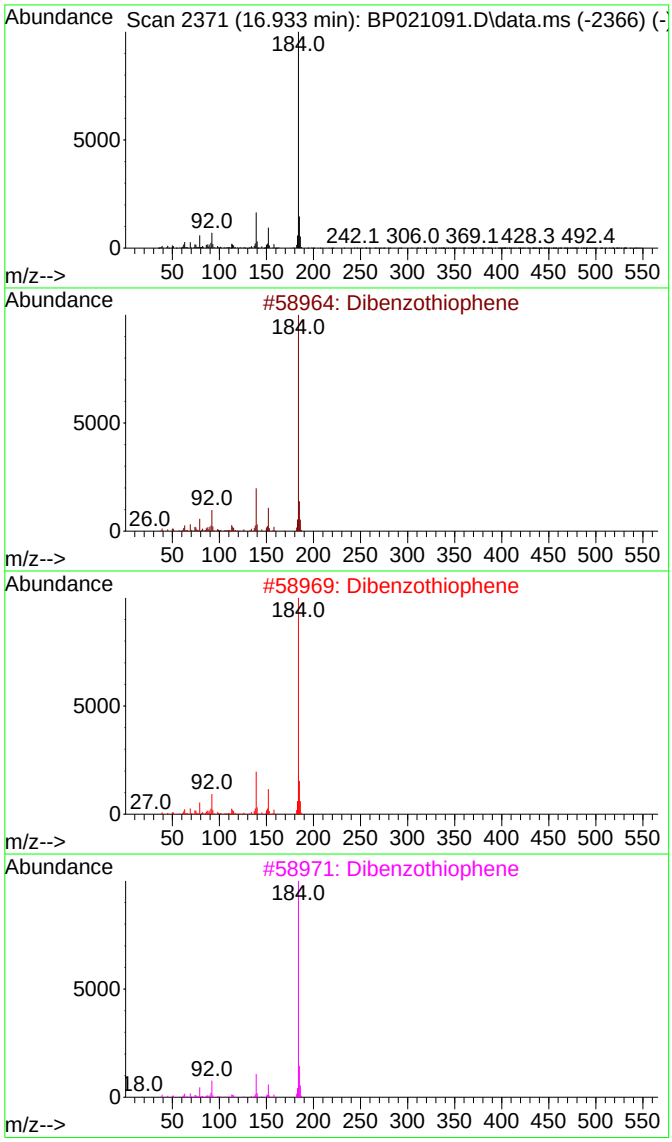
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

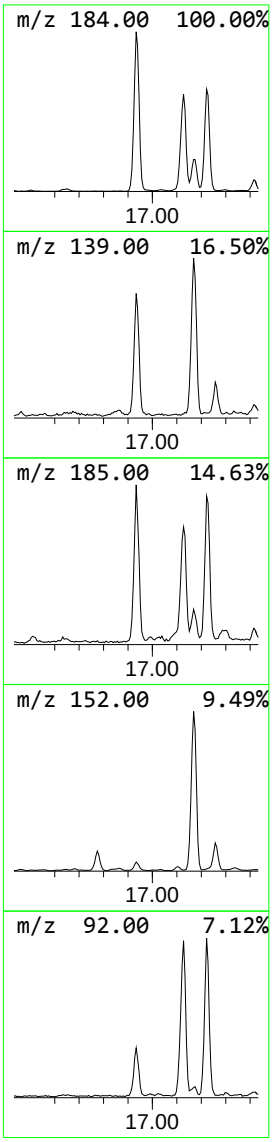
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.933	4.04 ng/ul	601367	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

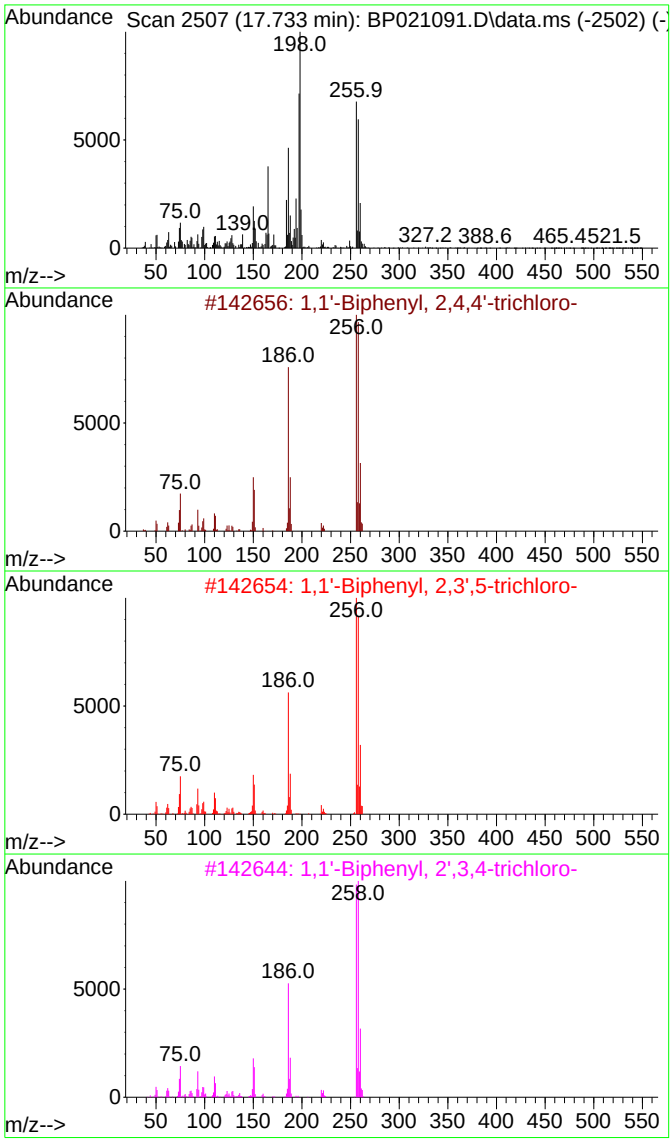
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

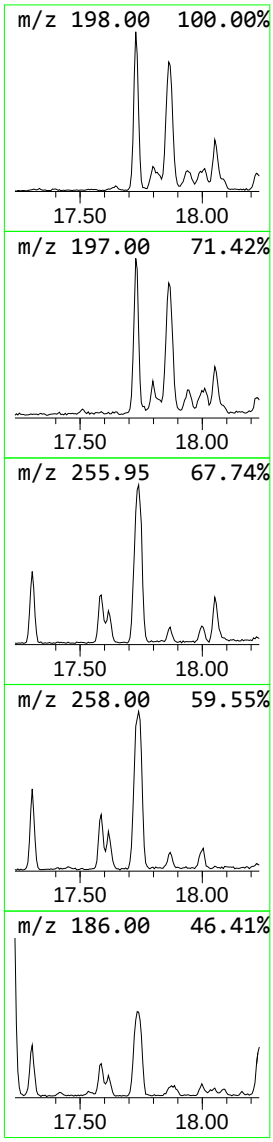
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1,1'-Biphenyl, 2,4,4'-trich... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.733	4.68 ng/ul	696868	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	96
2	1,1'-Biphenyl, 2,3',5-trichloro-	256	C12H7Cl3	038444-81-4	95
3	1,1'-Biphenyl, 2',3,4-trichloro-	256	C12H7Cl3	038444-86-9	95
4	1,1'-Biphenyl, 2,3,4-trichloro-	256	C12H7Cl3	055702-46-0	94
5	1,1'-Biphenyl, 2,4,4'-trichloro-	256	C12H7Cl3	007012-37-5	94





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

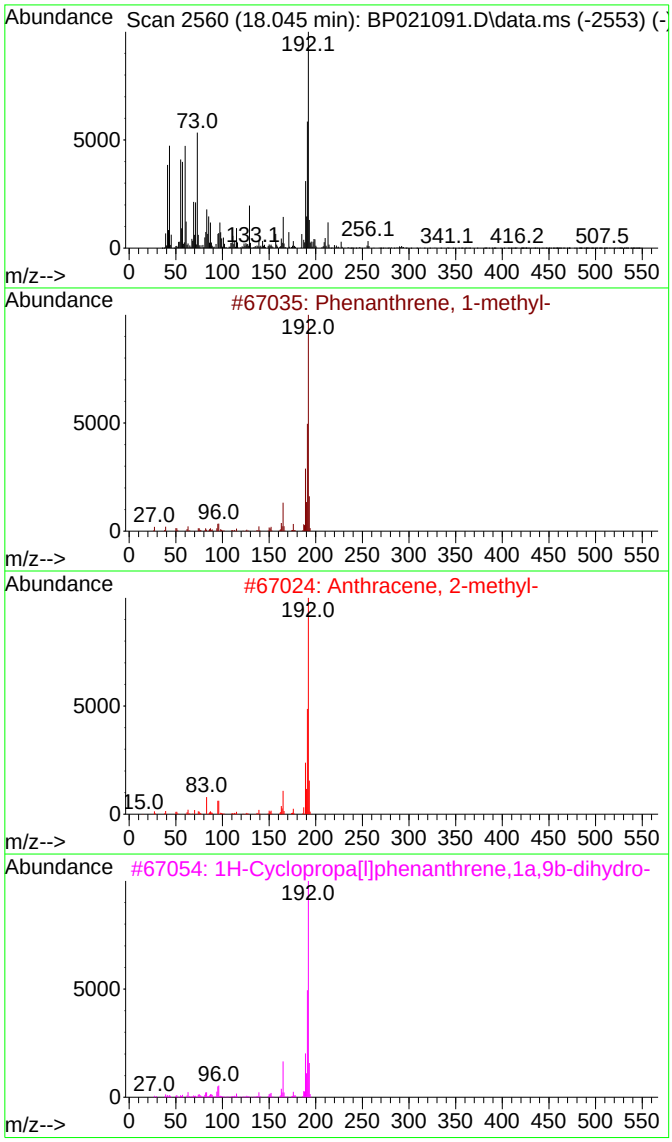
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

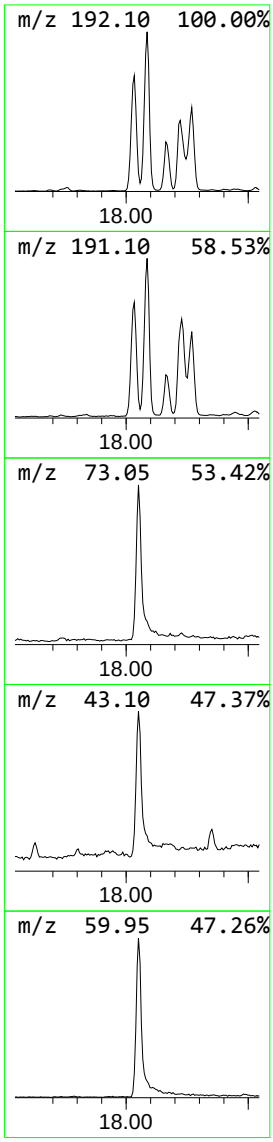
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.045	14.25 ng/ul	2121940	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89





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Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

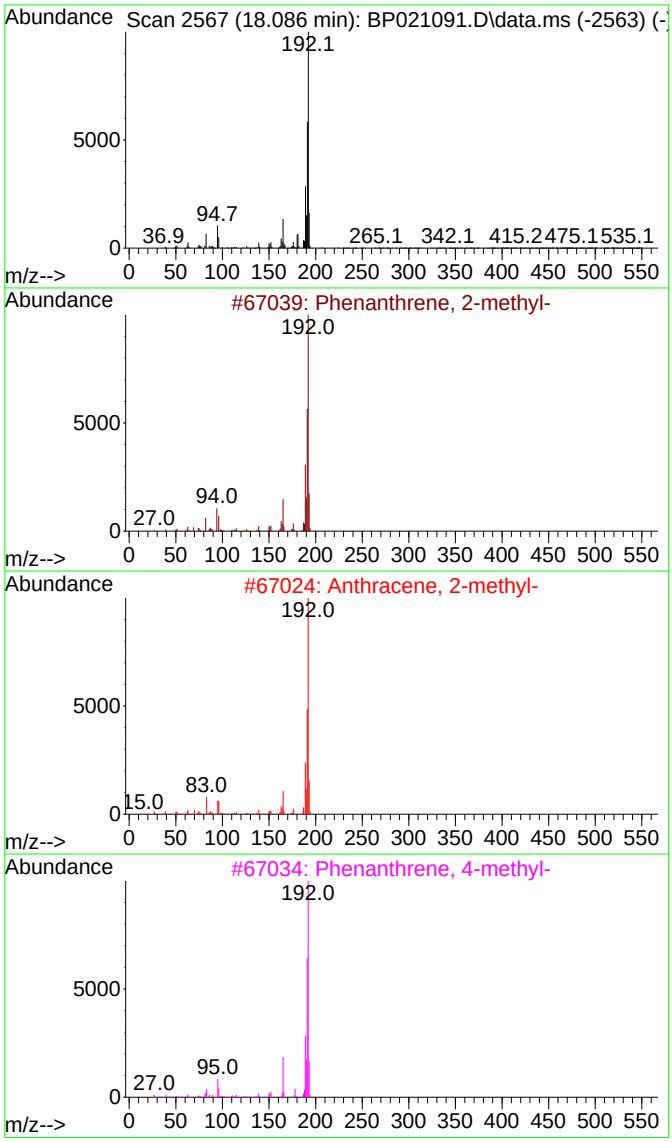
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

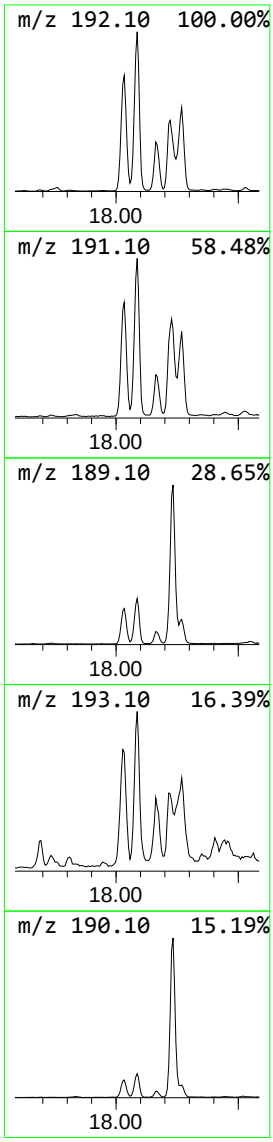
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	12.06 ng/ul	1795700	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





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Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

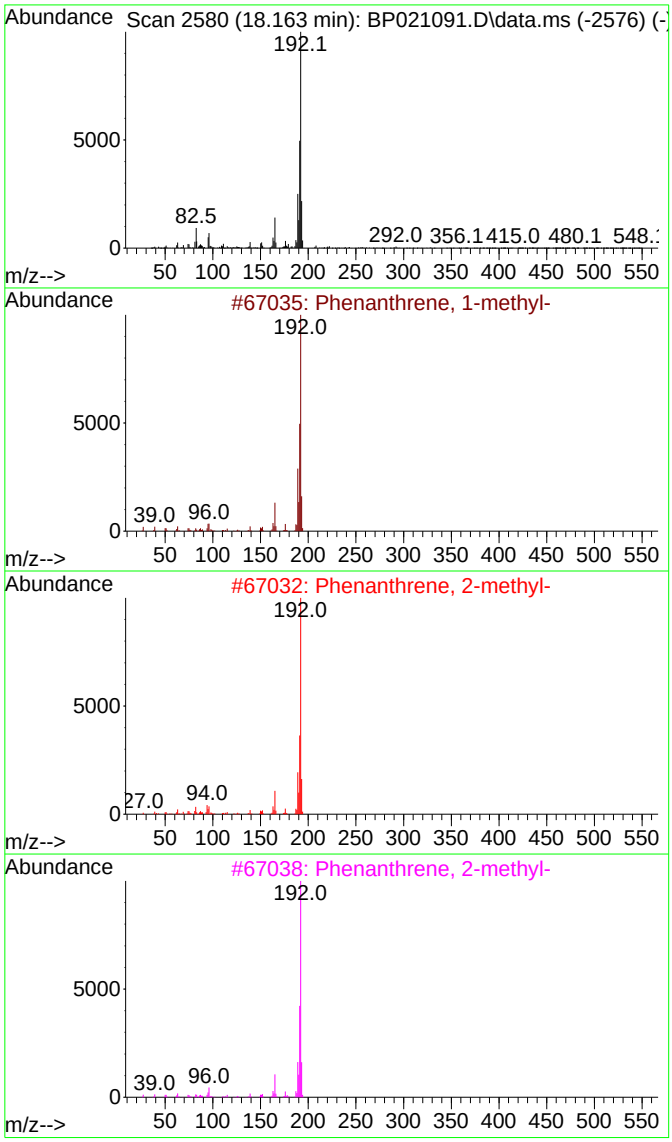
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

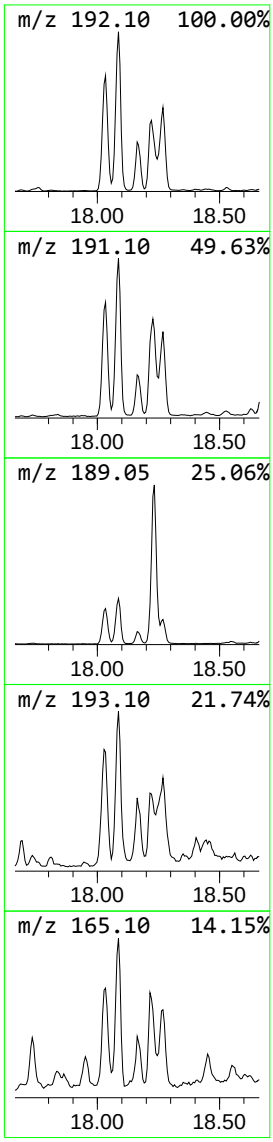
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	4.01 ng/ul	597120	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

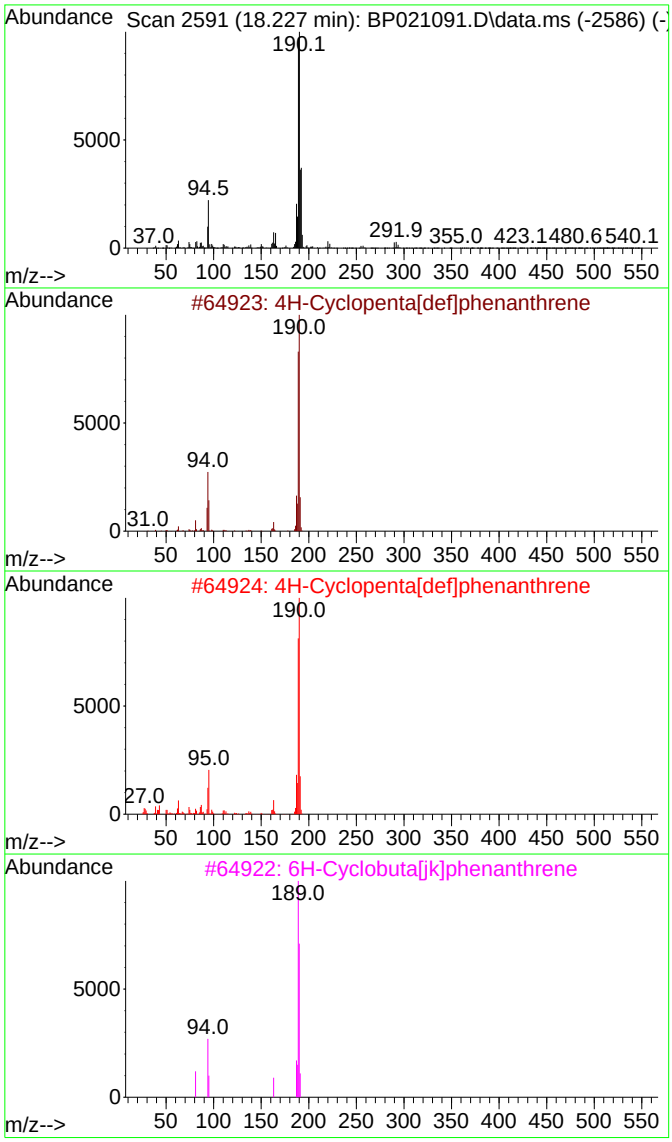
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

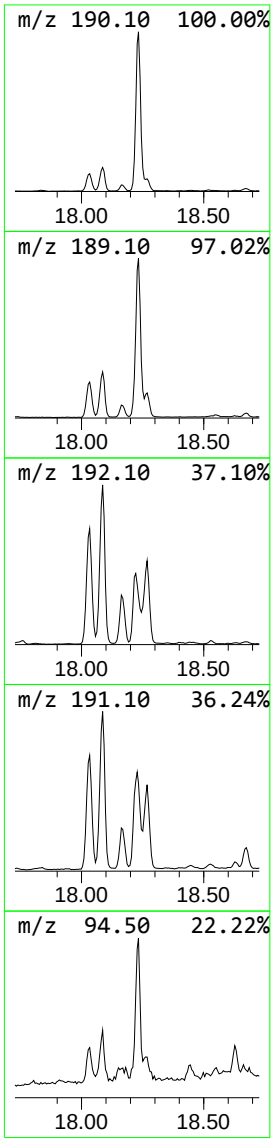
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	17.90 ng/ul	2665550	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

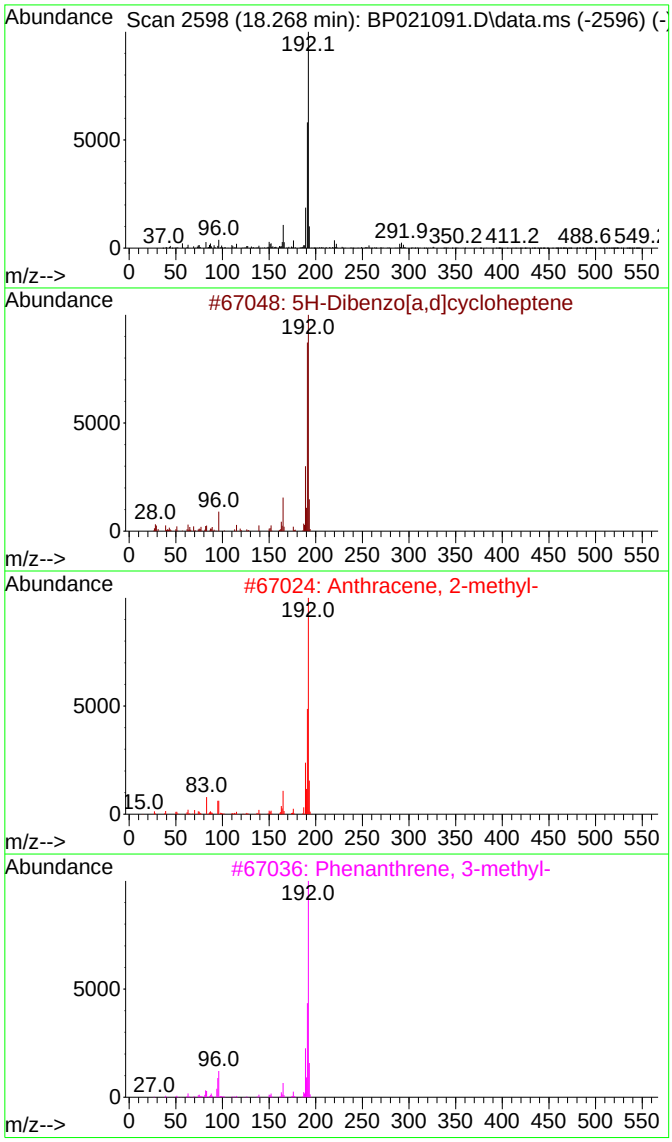
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

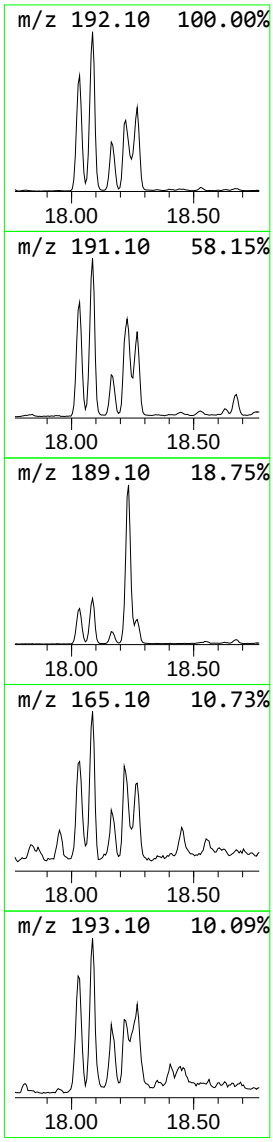
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.269	5.57 ng/ul	830056	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	72
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	64
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	59





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

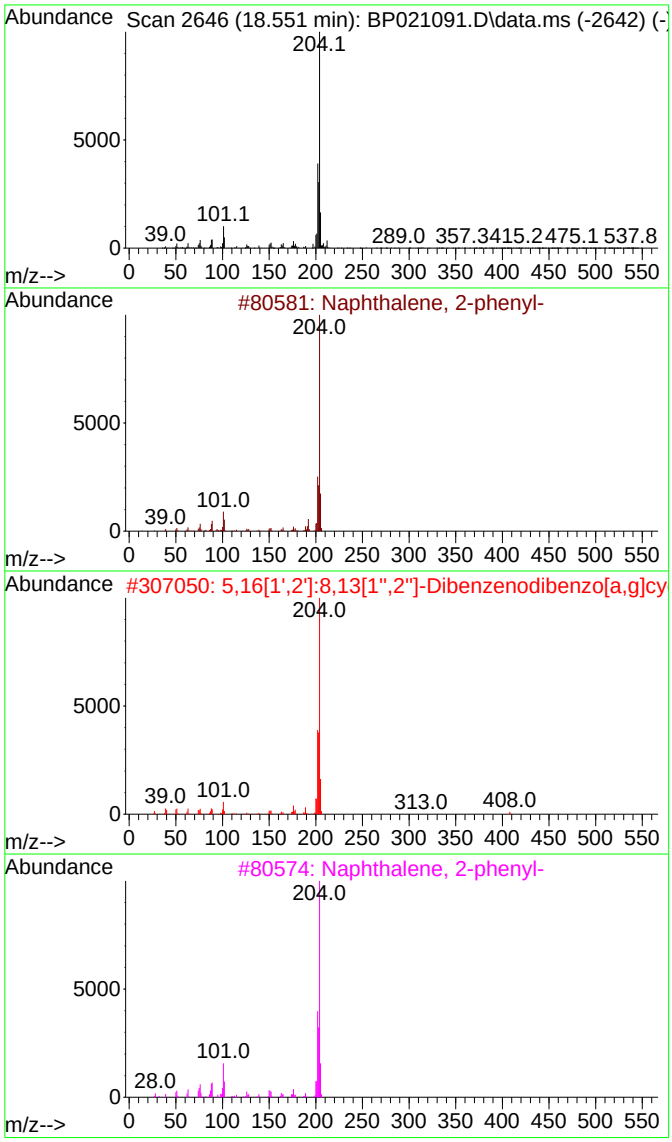
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

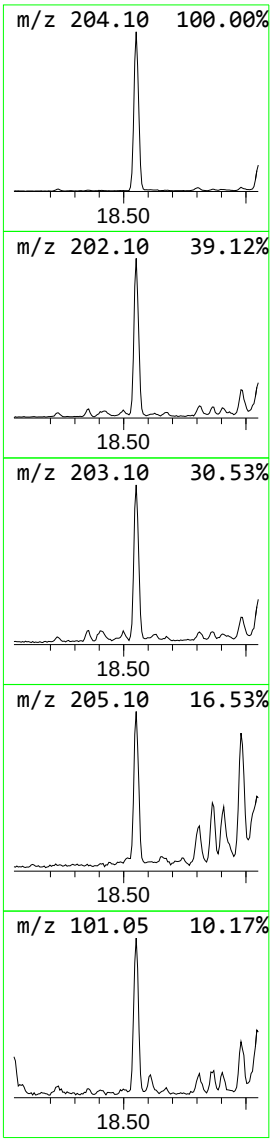
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.551	5.84 ng/ul	869276	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
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	83





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

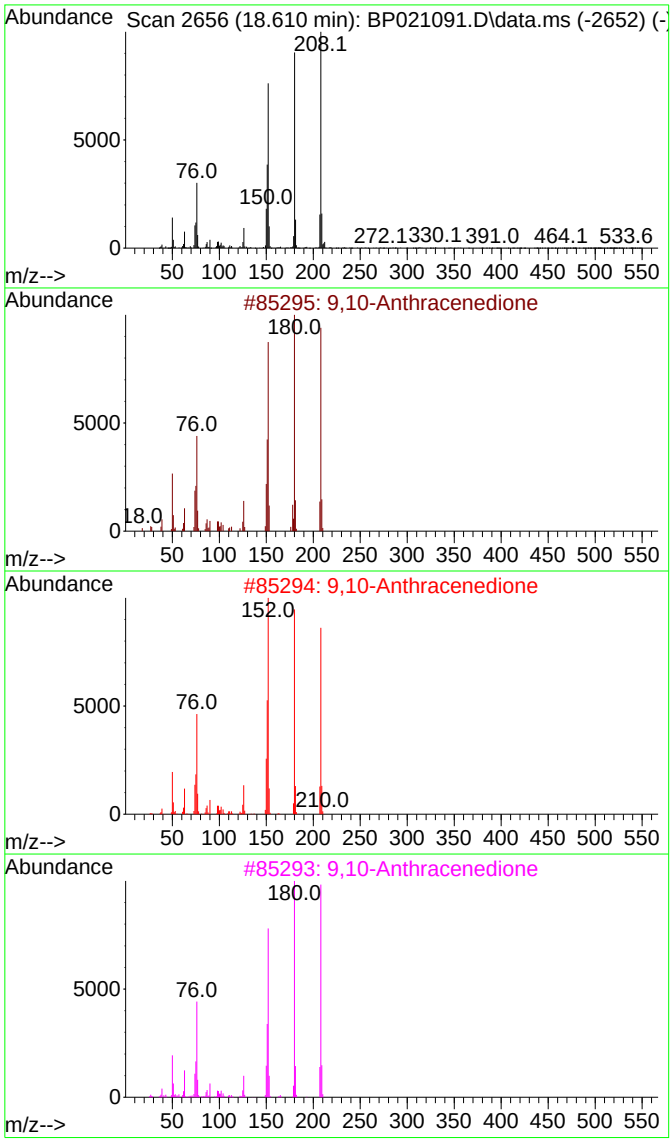
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

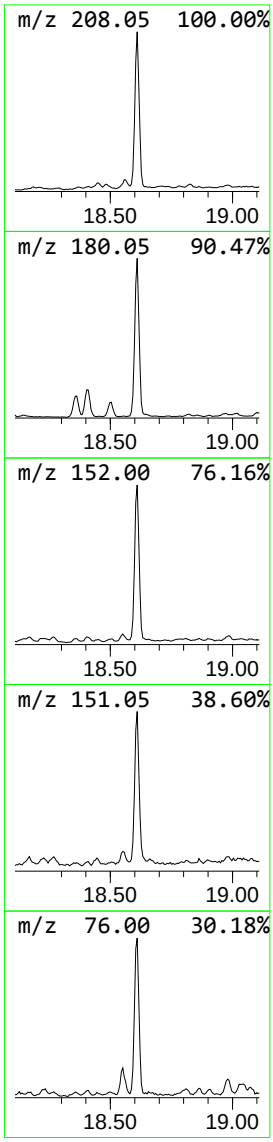
****

Peak Number 12 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	9.87 ng/ul	1469630	Phenanthrene-d10	17.127

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	96
4	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64





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Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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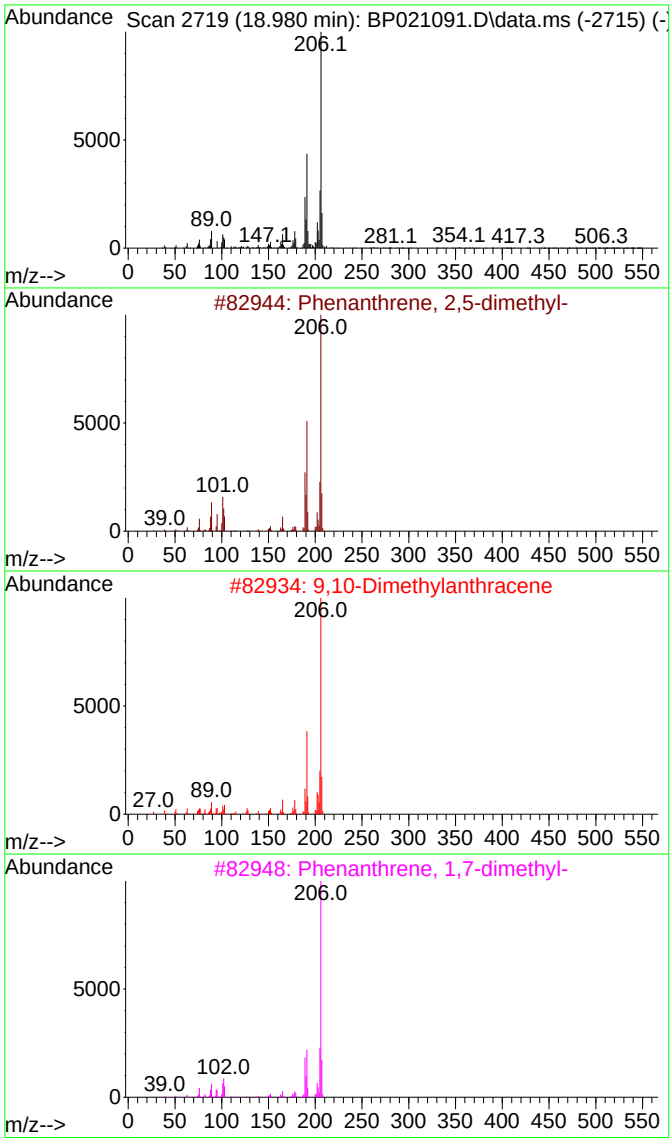
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

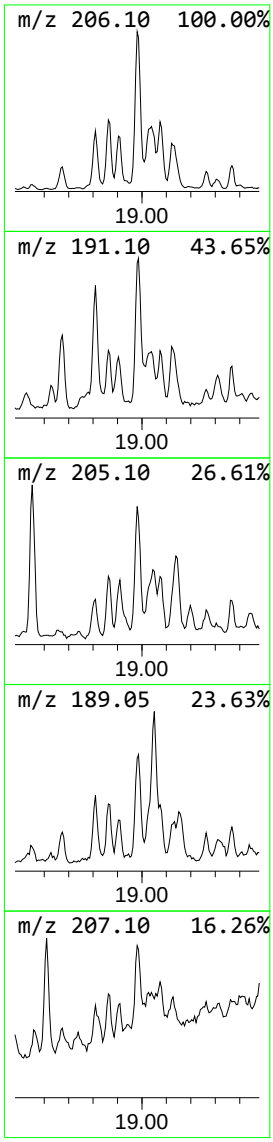
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.980	4.36 ng/ul	649942	Phenanthrene-d10	17.127

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	91
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	91





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Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

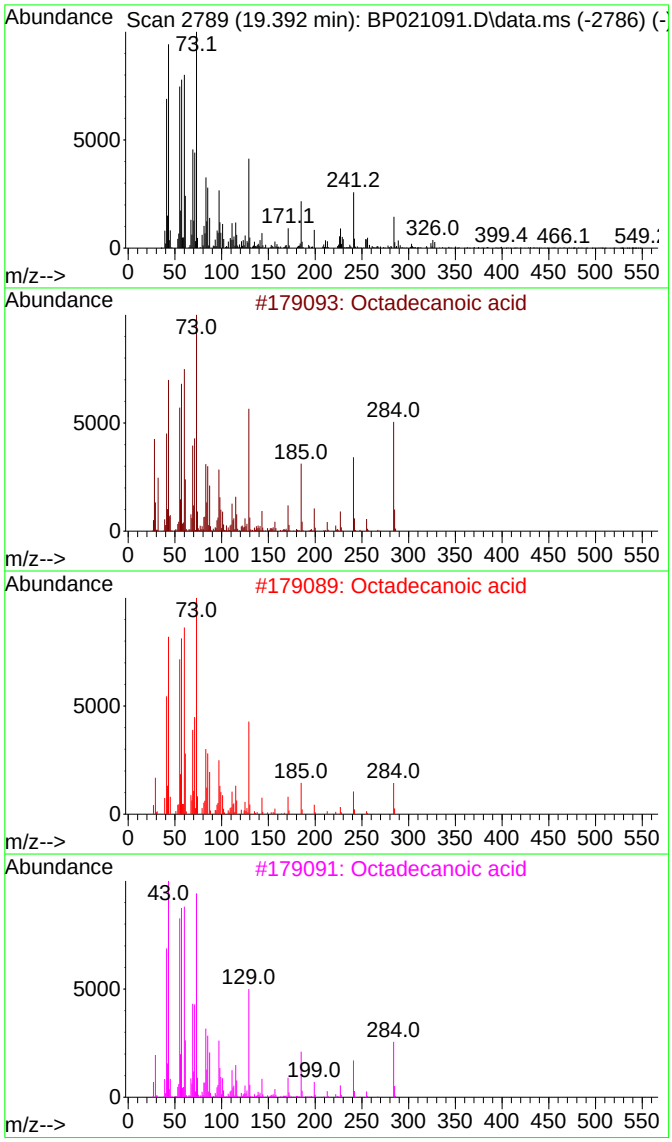
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

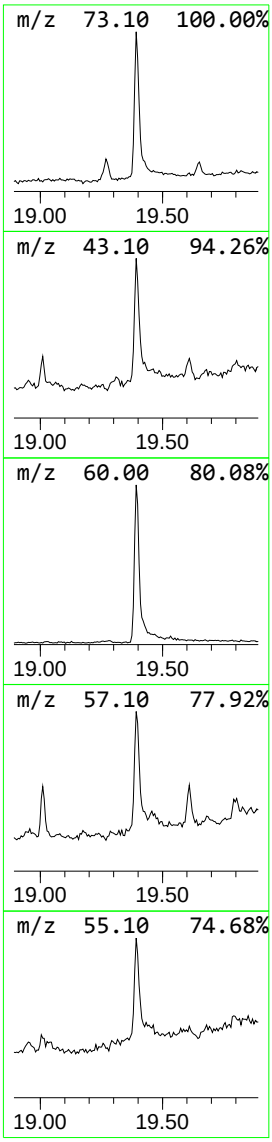
****

Peak Number 14 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.392	2.21 ng/ul	1160780	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	97
4	Octadecanoic acid	284	C18H36O2	000057-11-4	95
5	Heneicosanoic acid	326	C21H42O2	002363-71-5	94





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Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

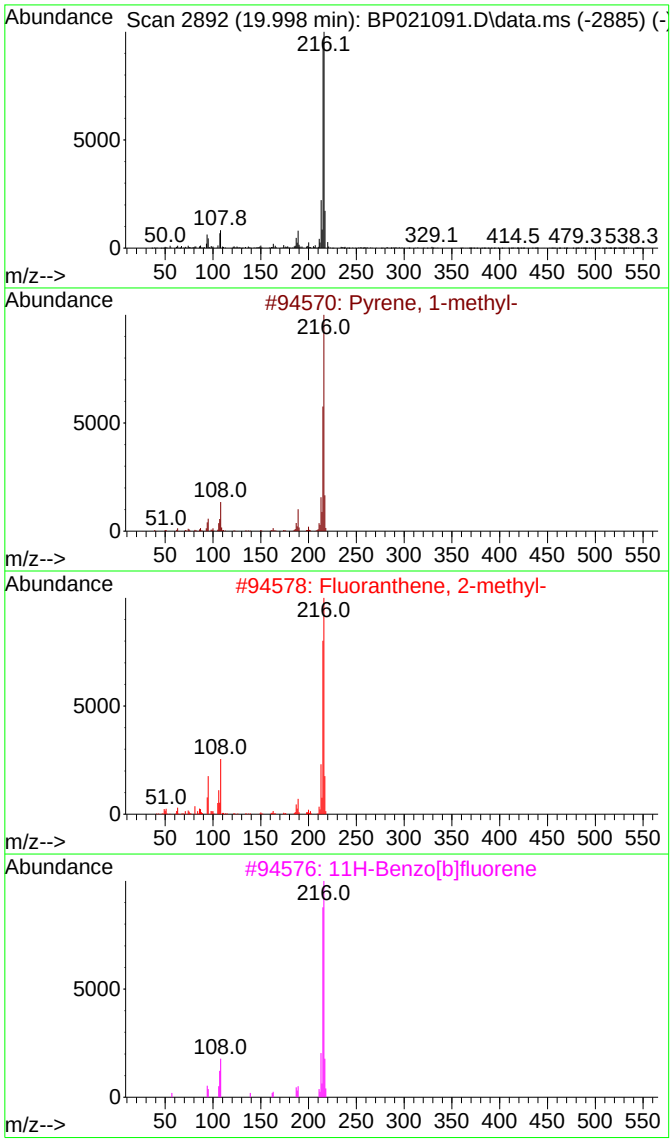
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

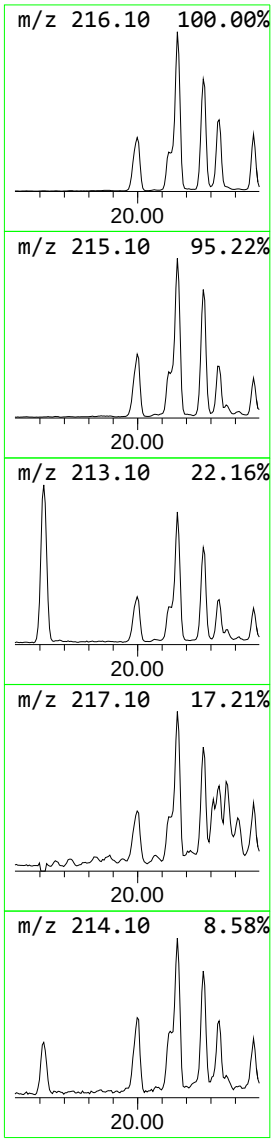
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.998	2.22 ng/ul	1165100	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91





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Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

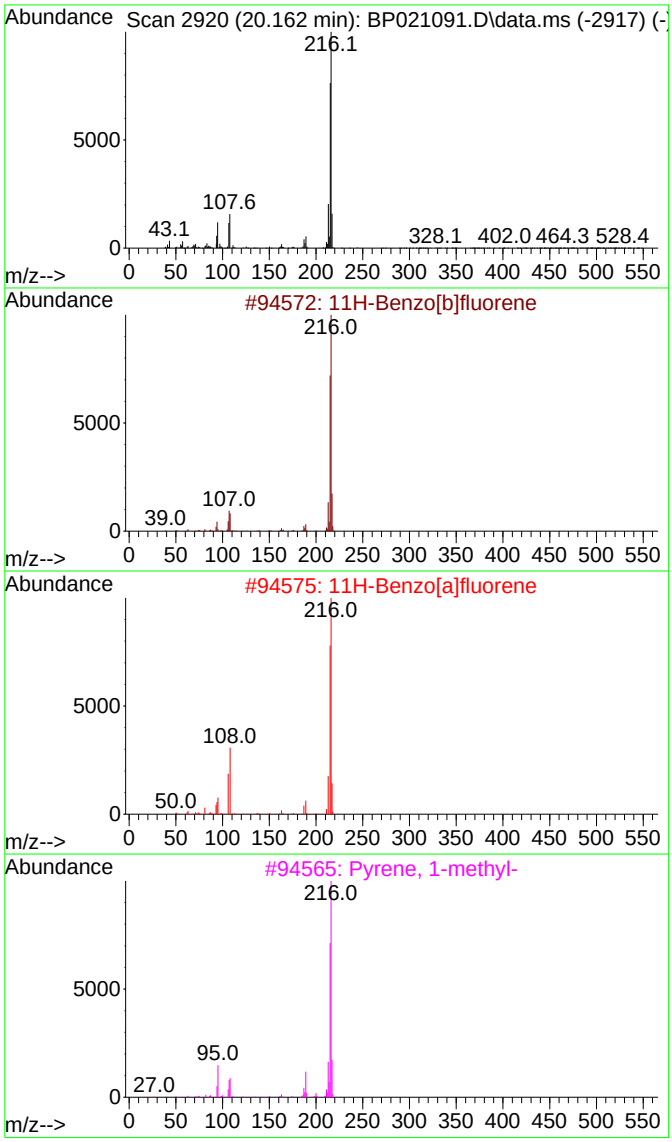
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

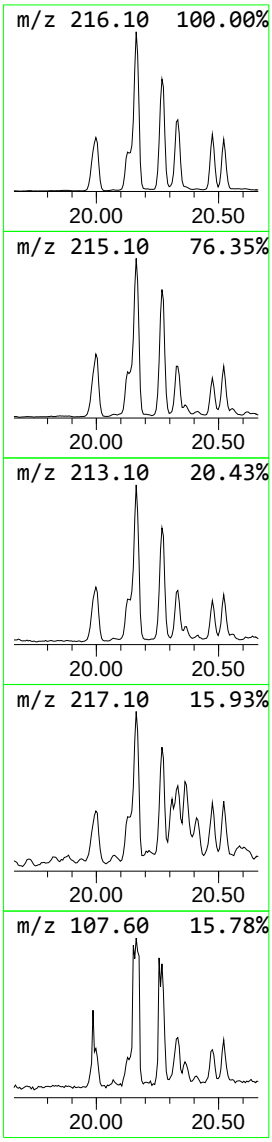
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.163	4.06 ng/ul	2132860	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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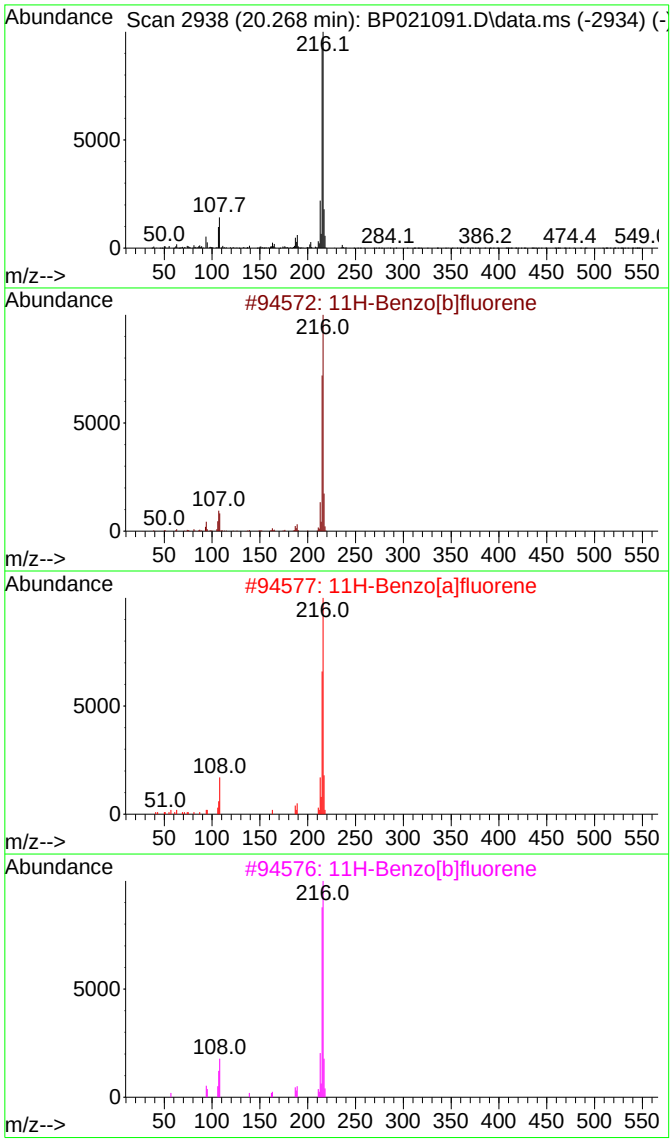
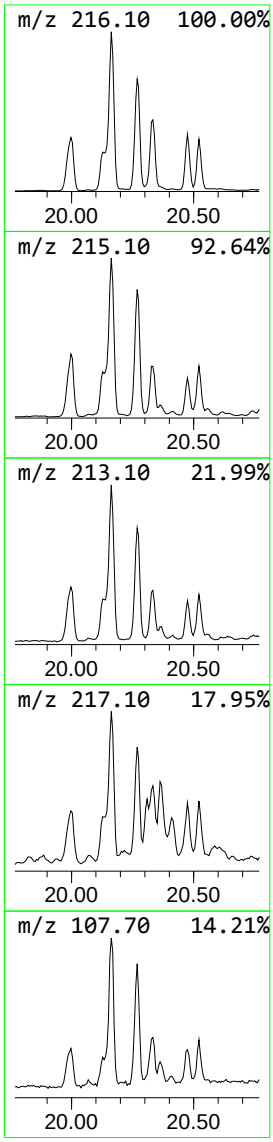
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.268	2.64 ng/ul	1386370	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91





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Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

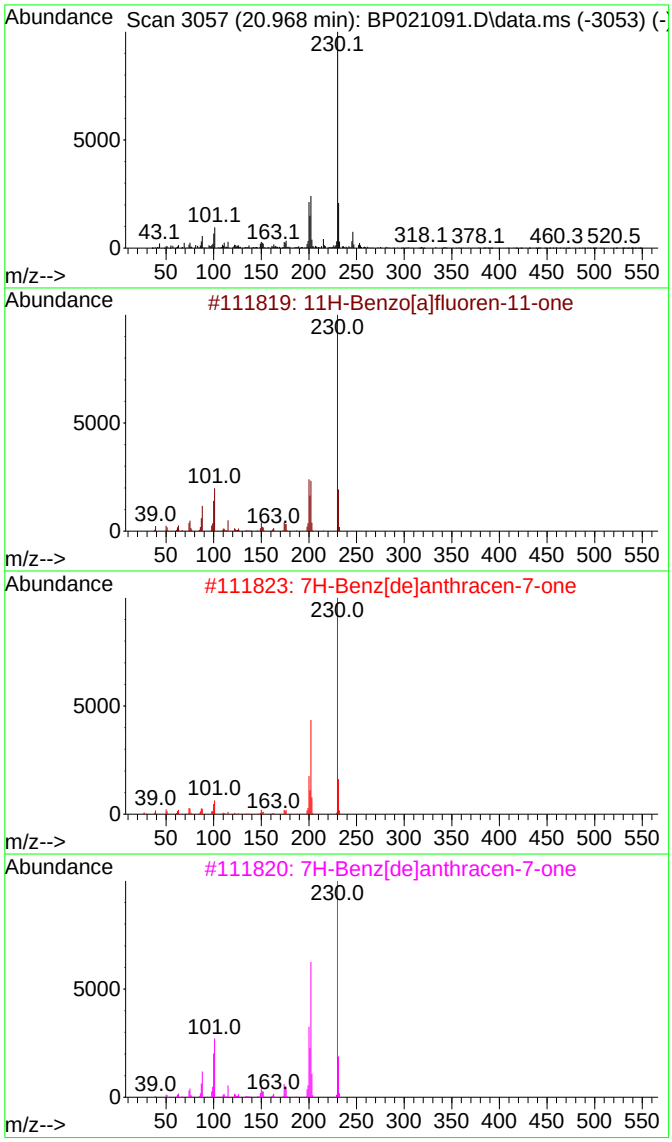
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

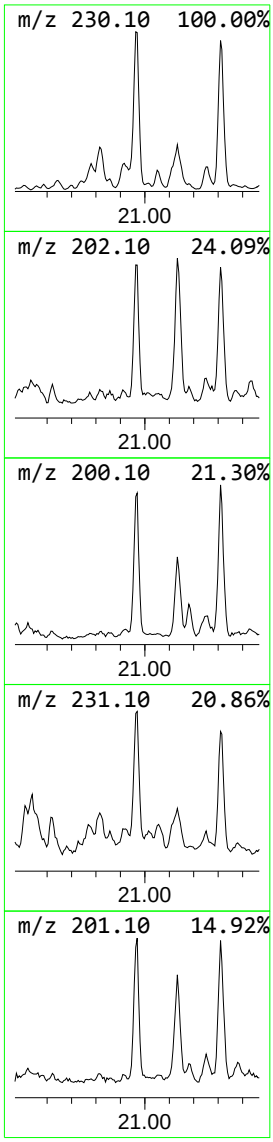
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 11H-Benzo[a]fluoren-11-one Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.968	2.05 ng/ul	1079010	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83





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Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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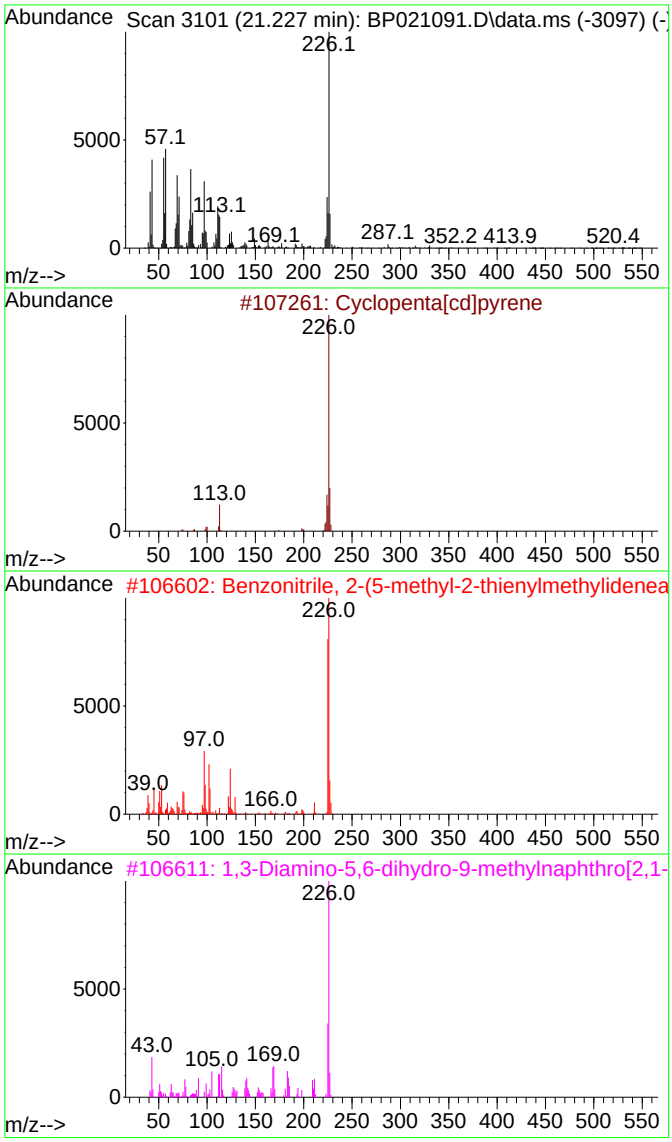
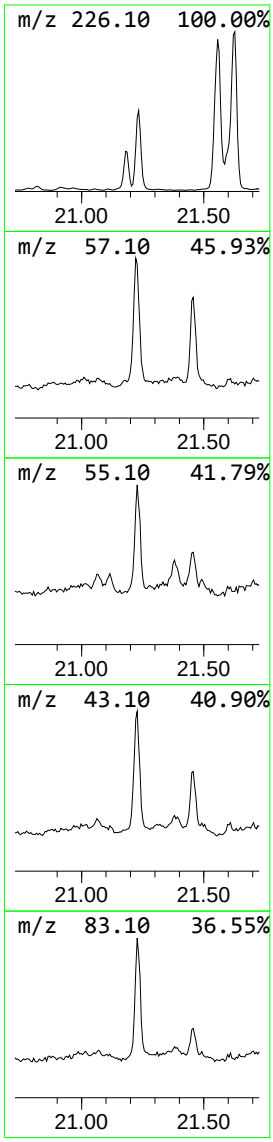
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.227	5.25 ng/ul	2760370	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2	Benzonitrile, 2-(5-methyl-2-thie...	226	C13H10N2S	315670-19-0	43
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	43
4	2-Fluoroanthra-9,10-quinone	226	C14H7FO2	000572-84-9	43
5	9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	38





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Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

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

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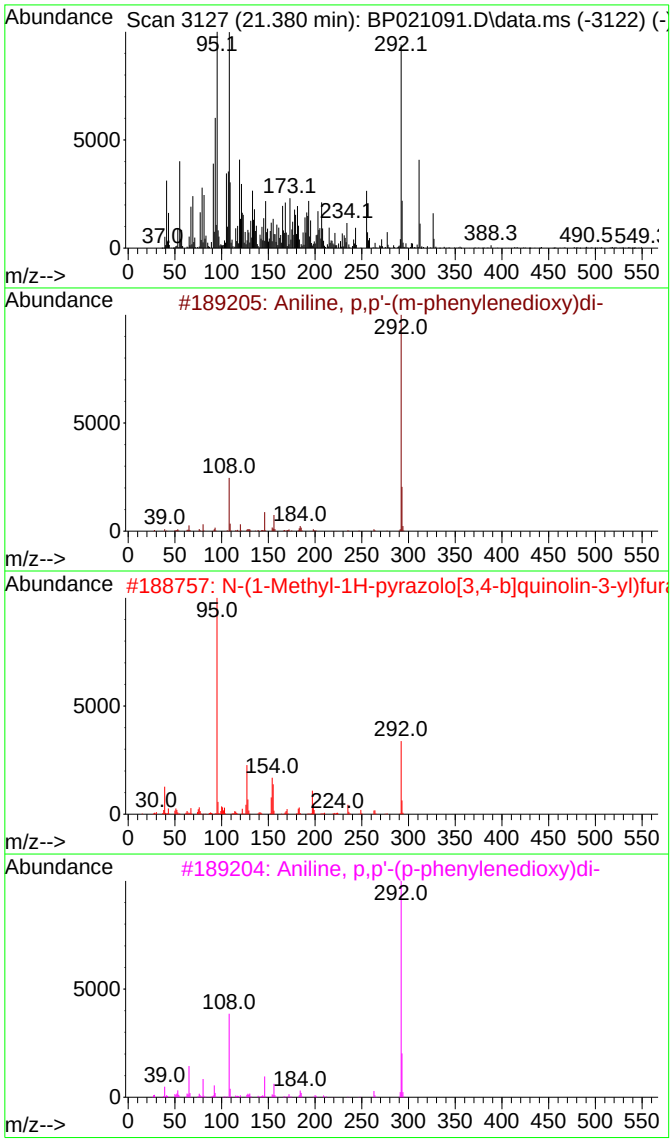
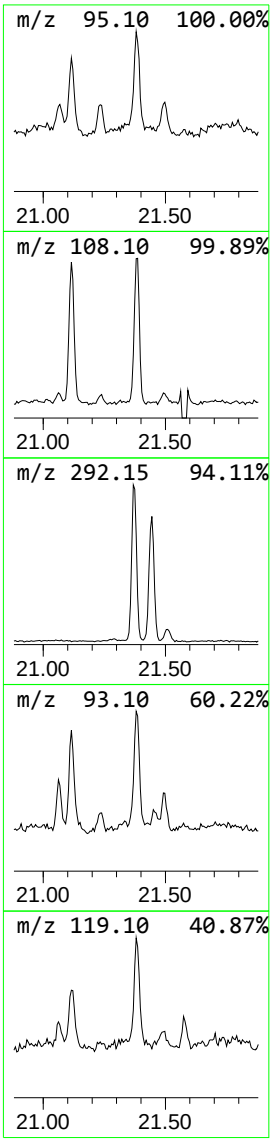
Peak Number 20 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	4.19 ng/ul	2205810	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aniline, p,p'-(m-phenylenedioxy)di-	292	C18H16N2O2	002479-46-1	35
2	N-(1-Methyl-1H-pyrazolo[3,4-b]qu...	292	C16H12N4O2	1000482-45-5	27
3	Aniline, p,p'-(p-phenylenedioxy)di-	292	C18H16N2O2	003491-12-1	18
4	2-Cyclohexenone, 3-methoxy-5-[2,...	292	C16H20O5	119101-25-6	15
5	5-Phenyl-2-(2-thienyl)imidazo[1,...	292	C16H12N4S	1010460-24-1	15





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

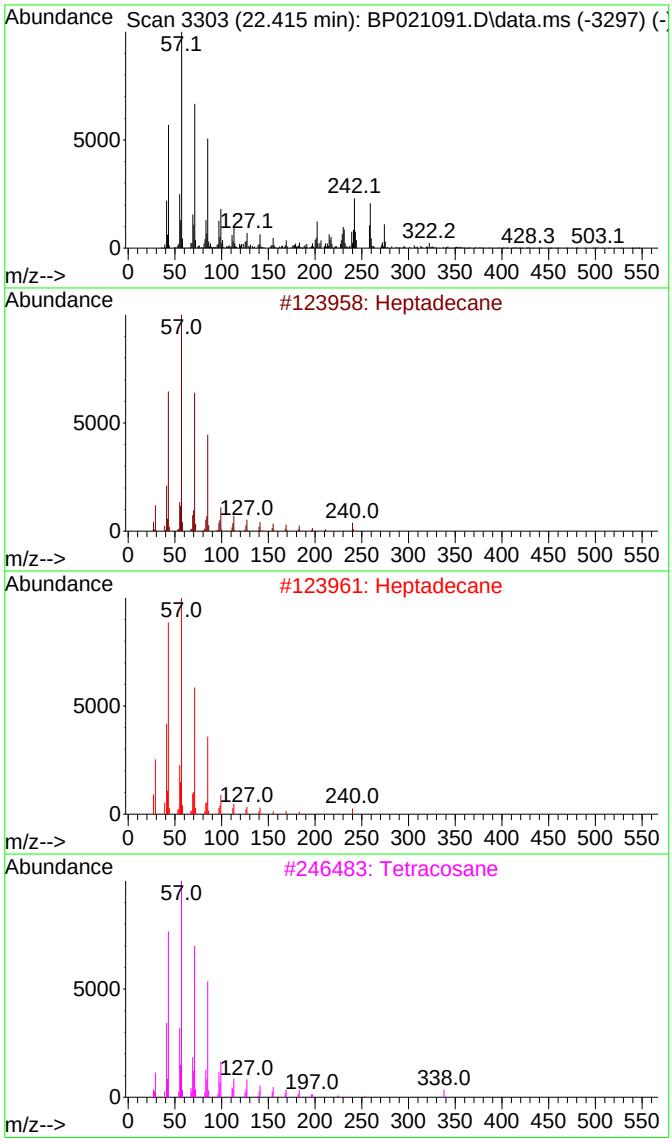
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION

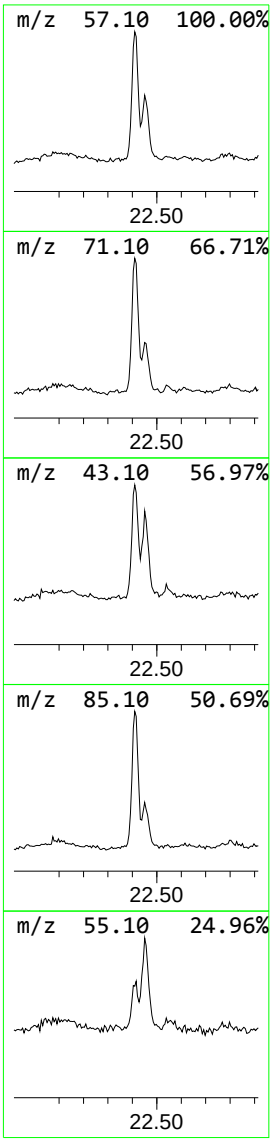
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.415	3.85 ng/ul	2022350	Chrysene-d12	21.580

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	Tetracosane	338	C24H50	000646-31-1	83
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	56
5	Heptacosane	380	C27H56	000593-49-7	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072224\
Data File : BP021091.D
Acq On : 22 Jul 2024 16:56
Operator : MA/JU
Sample : P3238-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
A4C04

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.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
1-Phenoxypropan...	11.198	2.6	ng/ul	206167	2	10.445	1574540	20.0
Naphthalene, 1,...	14.528	6.7	ng/ul	773041	3	14.310	2315330	20.0
9H-Fluoren-9-one	16.774	2.5	ng/ul	373811	4	17.127	2978130	20.0
Dibenzothiophene	16.933	4.0	ng/ul	601367	4	17.127	2978130	20.0
1,1'-Biphenyl, ...	17.733	4.7	ng/ul	696868	4	17.127	2978130	20.0
Phenanthrene, 1...	18.045	14.3	ng/ul	2121940	4	17.127	2978130	20.0
Phenanthrene, 2...	18.086	12.1	ng/ul	1795700	4	17.127	2978130	20.0
Anthracene, 2-m...	18.163	4.0	ng/ul	597120	4	17.127	2978130	20.0
4H-Cyclopenta[d...	18.227	17.9	ng/ul	2665550	4	17.127	2978130	20.0
5H-Dibenzo[a,d]...	18.269	5.6	ng/ul	830056	4	17.127	2978130	20.0
Naphthalene, 2-...	18.551	5.8	ng/ul	869276	4	17.127	2978130	20.0
9,10-Anthracene...	18.610	9.9	ng/ul	1469630	4	17.127	2978130	20.0
Phenanthrene, 2...	18.980	4.4	ng/ul	649942	4	17.127	2978130	20.0
Octadecanoic acid	19.392	2.2	ng/ul	1160780	5	21.580	10519300	20.0
Pyrene, 1-methyl-	19.998	2.2	ng/ul	1165100	5	21.580	10519300	20.0
11H-Benzo[b]flu...	20.163	4.1	ng/ul	2132860	5	21.580	10519300	20.0
11H-Benzo[a]flu...	20.268	2.6	ng/ul	1386370	5	21.580	10519300	20.0
11H-Benzo[a]flu...	20.968	2.0	ng/ul	1079010	5	21.580	10519300	20.0
Cyclopenta[cd]p...	21.227	5.3	ng/ul	2760370	5	21.580	10519300	20.0
unknown-01	21.380	4.2	ng/ul	2205810	5	21.580	10519300	20.0
(DEL) Alkane: S...	22.415	3.9	ng/ul	2022350	5	21.580	10519300	20.0