LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

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-BP122321.M
Title : SVOA CALIBRATION

Signal : TIC: BP008569.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.017	3	5	14	rVB	1005428	1539738	7.83%	0.743%
2	3.093	14	18	35	rVB	1181883	1745027	8.87%	0.842%
3	3.764	130	132	146	rVV	124545	213675	1.09%	0.103%
4	7.058	685	692	703	rVB	515787	832726	4.23%	0.402%
5	7.228	714	721	731	rBV	481685	788506	4.01%	0.380%
6	7.428	748	755	763	rBV	523180	853535	4.34%	0.412%
7	7.899	828	835	844	rBV	2148450	3514542	17.87%	1.695%
8	8.599	947	954	968	rBV	702932	1141144	5.80%	0.550%
9	9.052	1022	1031	1041	rBV	515617	871266	4.43%	0.420%
10	9.781	1148	1155	1163	rBV	303405	530759	2.70%	0.256%
11	10.316	1239	1246	1256	rBV	685431	1140056	5.80%	0.550%
12	10.705	1300	1312	1320	rBV	3113156	5405650	27.48%	2.608%
13	10.828	1326	1333	1341	rBV	464817	853650	4.34%	0.412%
14	13.593	1798	1803	1808	rBV3	47280	69138	0.35%	0.033%
15	13.704	1815	1822	1828	rBV5	56690	113447	0.58%	0.055%
16	13.940	1856	1862	1871	rVB	1670325	2453949	12.48%	1.184%
17	14.087	1882	1887	1890	rBV6	40073	70204	0.36%	0.034%
18	14.222	1901	1910	1918	rBV	1663234	2571382	13.07%	1.240%
19	14.375	1932	1936	1943	rVB2	106837	189039	0.96%	0.091%
20	14.451	1943	1949	1952	rBV2	58996	99766	0.51%	0.048%
21	14.528	1954	1962	1970	rBV	5360054	8153005	41.45%	3.933%
22	14.704	1988	1992	1998	rBV	327976	450643	2.29%	0.217%
23	14.998	2038	2042	2047	rVB6	38592	72555	0.37%	0.035%
24	15.063	2051	2053	2062	rVB6	82772	156303	0.79%	0.075%
25	15.151	2062	2068	2073	rBV2	163081	373965	1.90%	0.180%
26	15.334	2090	2099	2107	rVB6	165785	470421	2.39%	0.227%
27	15.522	2121	2131	2137	rBV	2520344	3906697	19.86%	1.885%
28	15.575	2137	2140	2144	rVB4	123489	173051	0.88%	0.083%
29	15.628	2144	2149	2153	rBV	301368	443967	2.26%	0.214%
30	15.704	2158	2162	2165	rVV3	170858	218755	1.11%	0.106%
31	15.828	2174	2183	2188	rBV5	85628	313083	1.59%	0.151%
32	15.957	2201	2205	2209	rBV	134279	239205	1.22%	0.115%
33	16.257	2253	2256	2265	rVB5	136186	224637	1.14%	0.108%
34	16.575	2306	2310	2315	rVB4	146694	248498	1.26%	0.120%
35	16.634	2317	2320	2325	rVV3	193423	309358	1.57%	0.149%
36	17.098	2395	2399	2409	rVB	322231	619269	3.15%	0.299%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

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-BP122321.M
Title : SVOA CALIBRATION

37	17.281	2424	2430	2435	rBV	6541980	9469910	48.15%	4.568%
38	17.375	2441	2446	2456	rVB	2574904	3913398	19.90%	1.888%
39	17.469	2460	2462	2469	rVB3	124271	247174	1.26%	0.119%
40	17.857	2524	2528	2532	rVB	454229	585970	2.98%	0.283%
41	17.998	2547	2552	2559	rBV	529969	899450	4.57%	0.434%
42	18.475	2630	2633	2637	rBV	219675	277581	1.41%	0.134%
43	18.534	2639	2643	2648	rVB	606722	778817	3.96%	0.376%
44	18.622	2654	2658	2661	rBV	674154	929548	4.73%	0.448%
45	18.681	2661	2668	2677	rVB2	878473	2443127	12.42%	1.179%
46	18.751	2677	2680	2682	rBV	133631	199166	1.01%	0.096%
47	18.792	2683	2687	2691	rBV	629212	955337	4.86%	0.461%
48	18.839	2692	2695	2697	rBV	476540	665296	3.38%	0.321%
49	18.951	2710	2714	2719	rVB3	920643	1511512	7.69%	0.729%
50	19.033	2723	2728	2732	rVV2	1439774	2335559	11.88%	1.127%
51	19.075	2732	2735	2740	rVB3	425340	661457	3.36%	0.319%
52	19.163	2746	2750	2755	rBV2	732581	1223242	6.22%	0.590%
53	19.222	2755	2760	2765	rVV	1061254	1632749	8.30%	0.788%
54	19.286	2768	2771	2773	rBV2	176576	197687	1.01%	0.095%
55	19.316	2773	2776	2777	rBV2	251655	248224	1.26%	0.120%
56	19.351	2778	2782	2785	rBV	808134	1136149	5.78%	0.548%
57	19.416	2790	2793	2795	rBV	299238	383182	1.95%	0.185%
58	19.522	2806	2811	2814	rBV2	1092467	1607537	8.17%	0.775%
59	19.557	2814	2817	2820	rVB	646141	693340	3.53%	0.334%
60	19.610	2821	2826	2829	rBV	3429490	5403942	27.48%	2.607%
61	19.716	2839	2844	2849	rVB2	1660784	2555968	13.00%	1.233%
62	19.798	2849	2858	2861	rBV5	794538	1977154	10.05%	0.954%
63	19.833	2861	2864	2867	rVV3	936237	1295999	6.59%	0.625%
64	19.869	2867	2870	2877	rVB3	852806	1359200	6.91%	0.656%
65	20.039	2895	2899	2904	rBV3	700995	1156664	5.88%	0.558%
66	20.116	2908	2912	2916	rVB2	1054637	1494778	7.60%	0.721%
67	20.216	2922	2929	2933	rBV6	959435	1960292	9.97%	0.946%
68	20.275	2934	2939	2943	rBV	2402879	3902011	19.84%	1.882%
69	20.410	2959	2962	2965	rVB	1530929	1629359	8.28%	0.786%
70	20.451	2966	2969	2973	rVV	2043303	2717508	13.82%	1.311%
71	20.492	2973	2976	2984	rVB4	1406896	2296043	11.67%	1.108%
72	20.769	3020	3023	3028	rBV	1430875	1844249	9.38%	0.890%
73	20.851	3033	3037	3043	rVV4	3187232	5627665	28.61%	2.715%
74	20.910	3044	3047	3049	rVV	1280746	1694539	8.62%	0.817%
75	20.939	3050	3052	3056	rVB	1983593	2140747	10.88%	1.033%
76	20.992	3057	3061	3063	rBV	3409195	4374902	22.24%	2.110%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : BGL60MEDL

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-BP122321.M
Title : SVOA CALIBRATION

77	21.022	3063	3066	3070	rVB2	2477454	3265135	16.60%	1.575%
78	21.110	3078	3081	3086	rBV2	558328	1043187	5.30%	0.503%
79	21.157	3086	3089	3092	rVV	1057021	1634938	8.31%	0.789%
80	21.192	3092	3095	3099	rVB2	1843890	2486431	12.64%	1.199%
81	21.251	3102	3105	3106	rBV2	612337	696157	3.54%	0.336%
82	21.286	3107	3111	3118	rVV	14531898	19667817	100.00%	9.487%
83	21.363	3119	3124	3132	rVB	7318347	12226019	62.16%	5.898%
84	21.486	3141	3145	3151	rVB3	2006865	2863998	14.56%	1.382%
85	21.563	3154	3158	3160	rBV2	1725610	2378811	12.09%	1.148%
86	21.645	3170	3172	3176	rVB2	747200	846205	4.30%	0.408%
87	21.704	3177	3182	3186	rBV3	1221483	2651114	13.48%	1.279%
88	21.745	3186	3189	3193	rVB2	899645	1303955	6.63%	0.629%
89	21.833	3200	3204	3209	rVB3	2207651	3370818	17.14%	1.626%
90	21.886	3209	3213	3216	rBV	1780454	2408571	12.25%	1.162%
91	21.927	3216	3220	3221	rBV4	935213	1171881	5.96%	0.565%
92	22.004	3230	3233	3236	rBV	756043	1022576	5.20%	0.493%
93	22.098	3246	3249	3253	rBV	766865	973241	4.95%	0.469%
94	22.227	3267	3271	3275	rBV	3790213	4502038	22.89%	2.172%
95	22.845	3372	3376	3388	rVB	2224853	4973868	25.29%	2.399%
96	22.951	3390	3394	3400	rVV3	822052	1935737	9.84%	0.934%
97	23.345	3455	3461	3462	rBV	2061214	3456971	17.58%	1.668%
98	23.633	3506	3510	3517	rVB2	1318844	2415360	12.28%	1.165%
99	23.798	3531	3538	3555	rVB2	3745608	8633446	43.90%	4.165%
100	24.792	3701	3707	3718	rVB	1433745	3578349	18.19%	1.726%

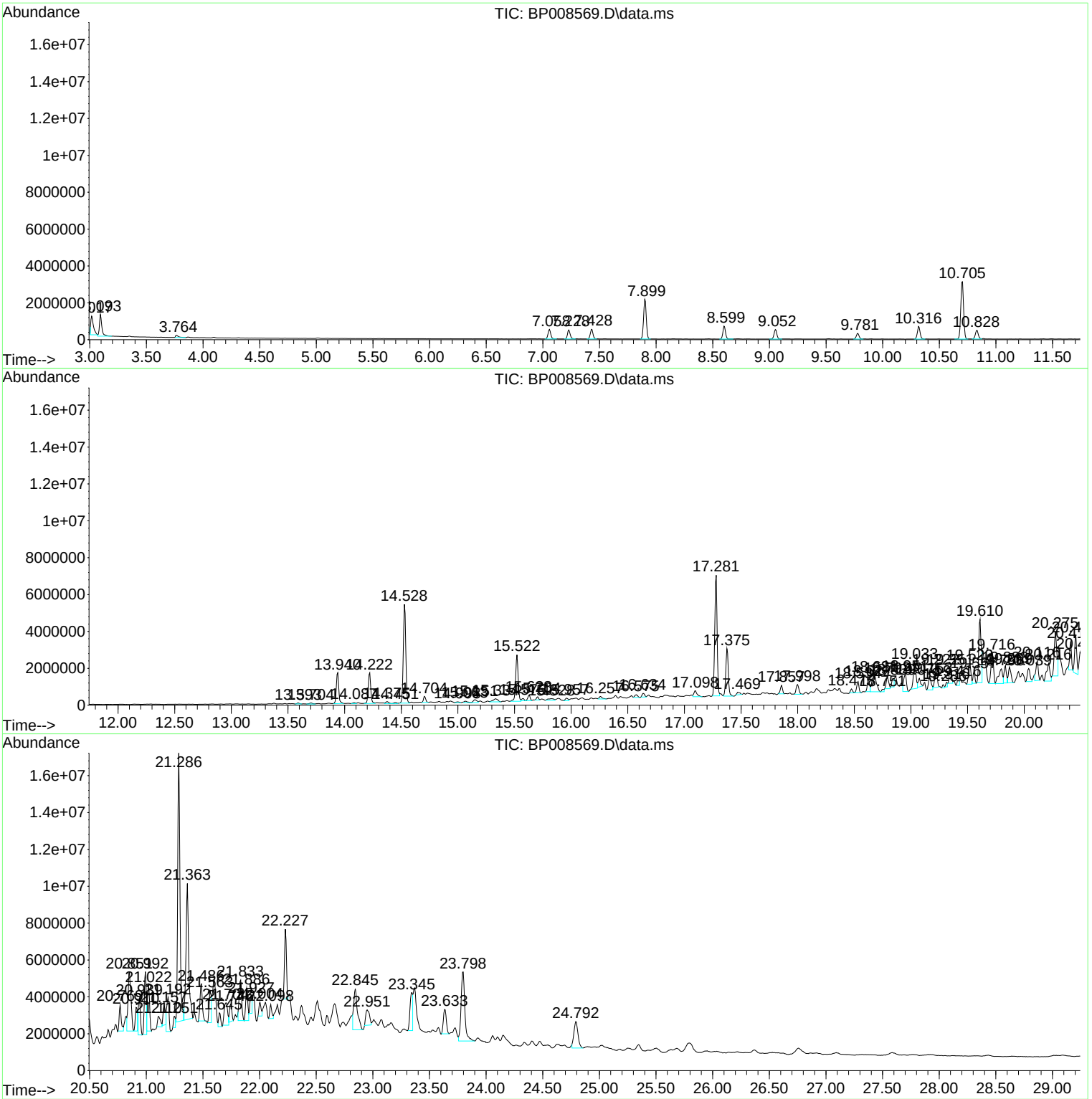
Sum of corrected areas: 207303666

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

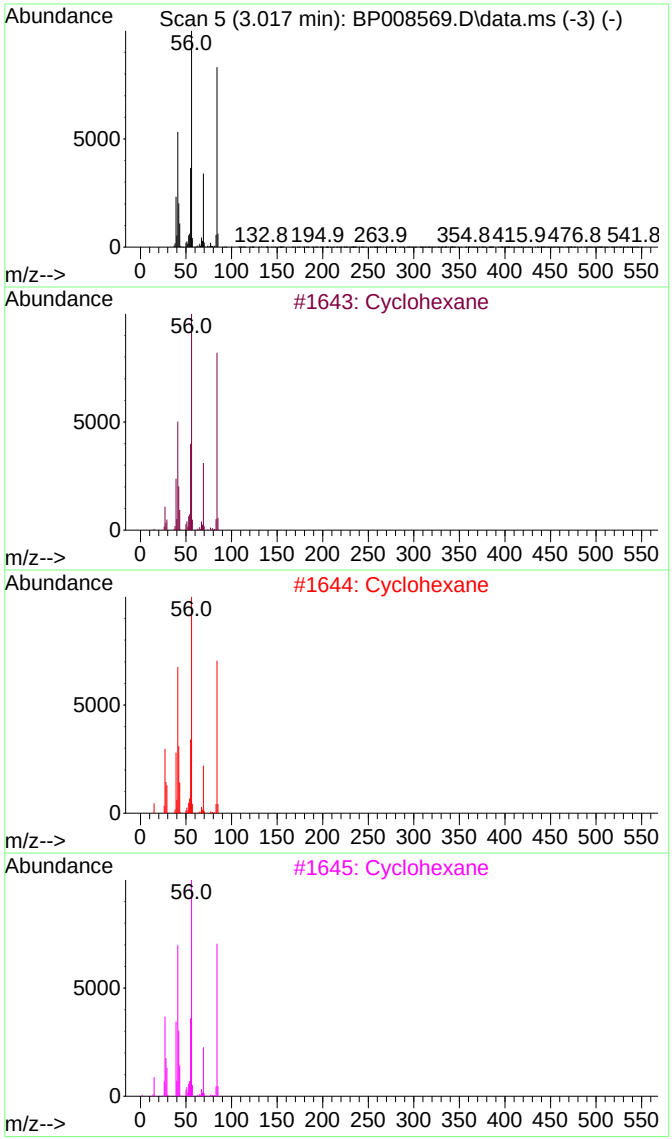
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

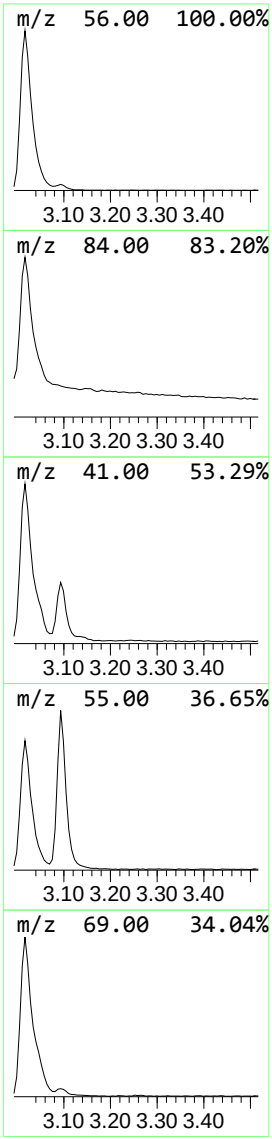
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.017 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.017	8.76 ng/ul	1539740	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	90
4	Cyclohexane	84	C6H12	000110-82-7	83
5	Cyclopentane, methyl-	84	C6H12	000096-37-7	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

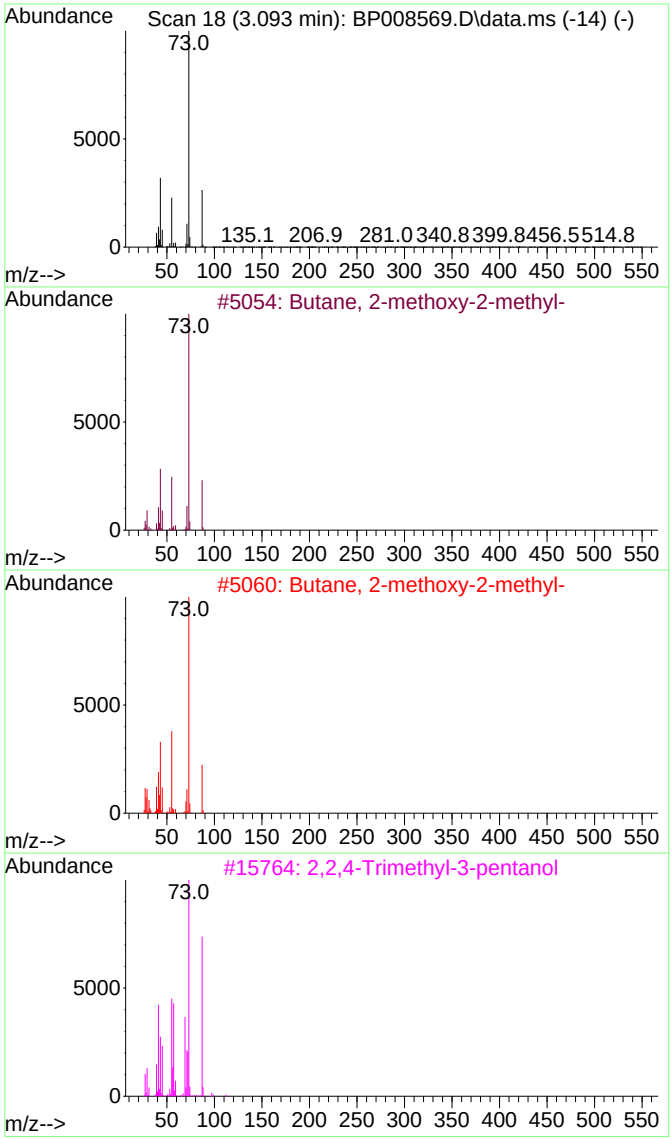
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

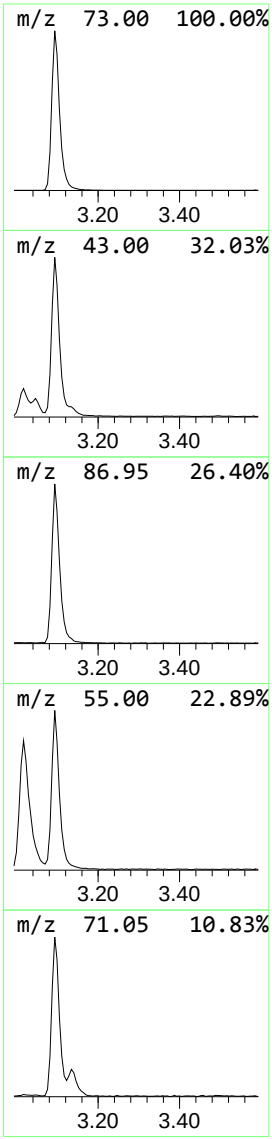
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.093	9.93 ng/ul	1745030	1,4-Dichlorobenzene-d4	7.899

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

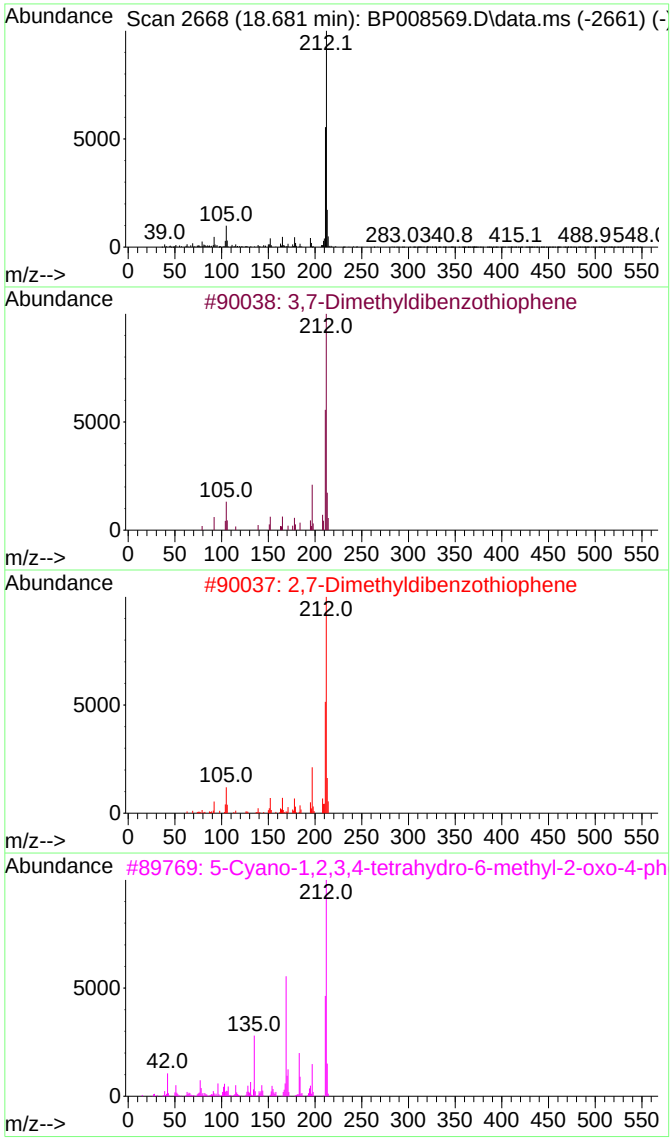
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

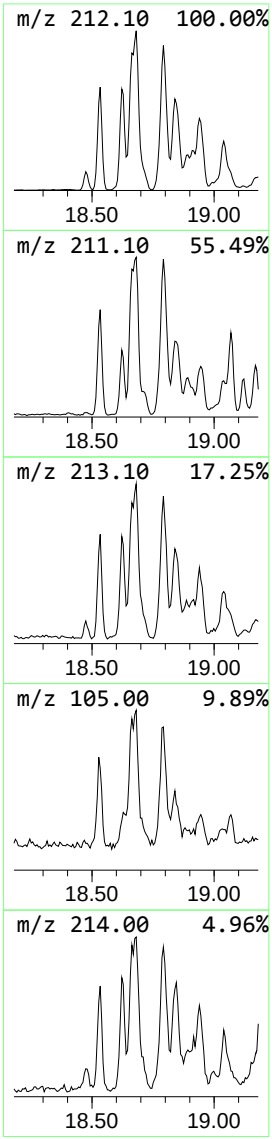
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 3,7-Dimethyldibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	5.16 ng/ul	2443130	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,7-Dimethyldibenzothiophene	212	C14H12S	001136-85-2	94
2	2,7-Dimethyldibenzothiophene	212	C14H12S	031317-19-8	87
3	5-Cyano-1,2,3,4-tetrahydro-6-met...	212	C13H12N2O	027036-92-6	80
4	2,6-Dimethyldibenzothiophene	212	C14H12S	089816-75-1	78
5	Pinosylvin	212	C14H12O2	022139-77-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

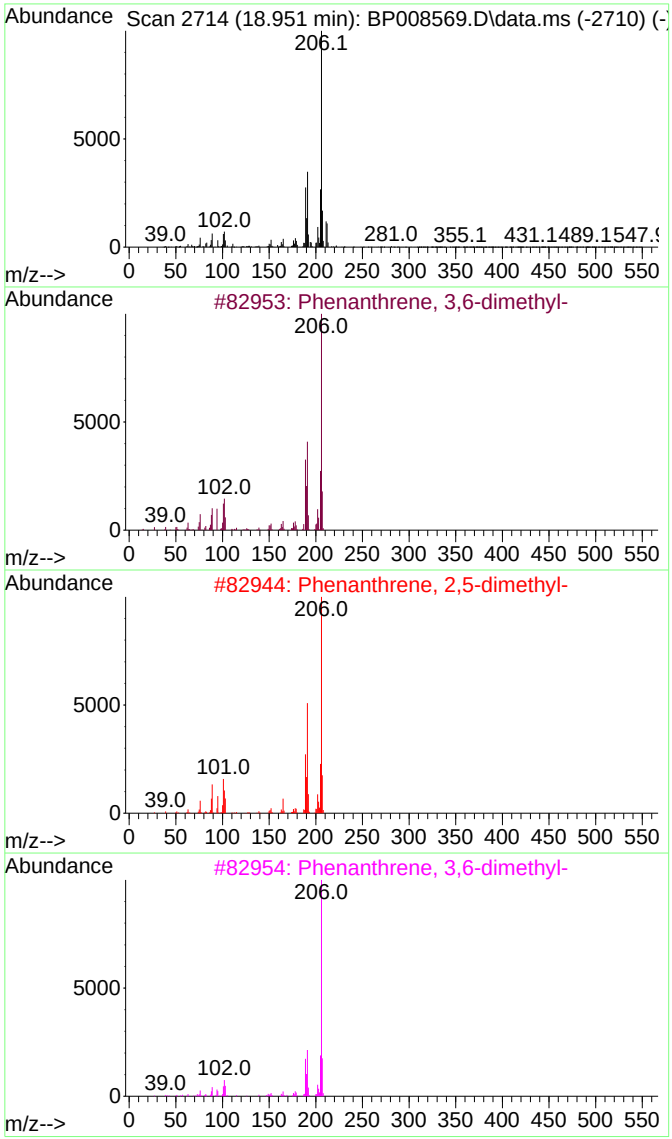
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

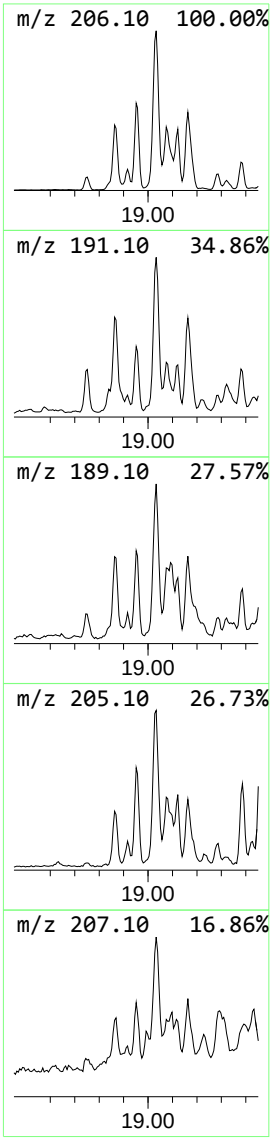
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	3.19 ng/ul	1511510	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

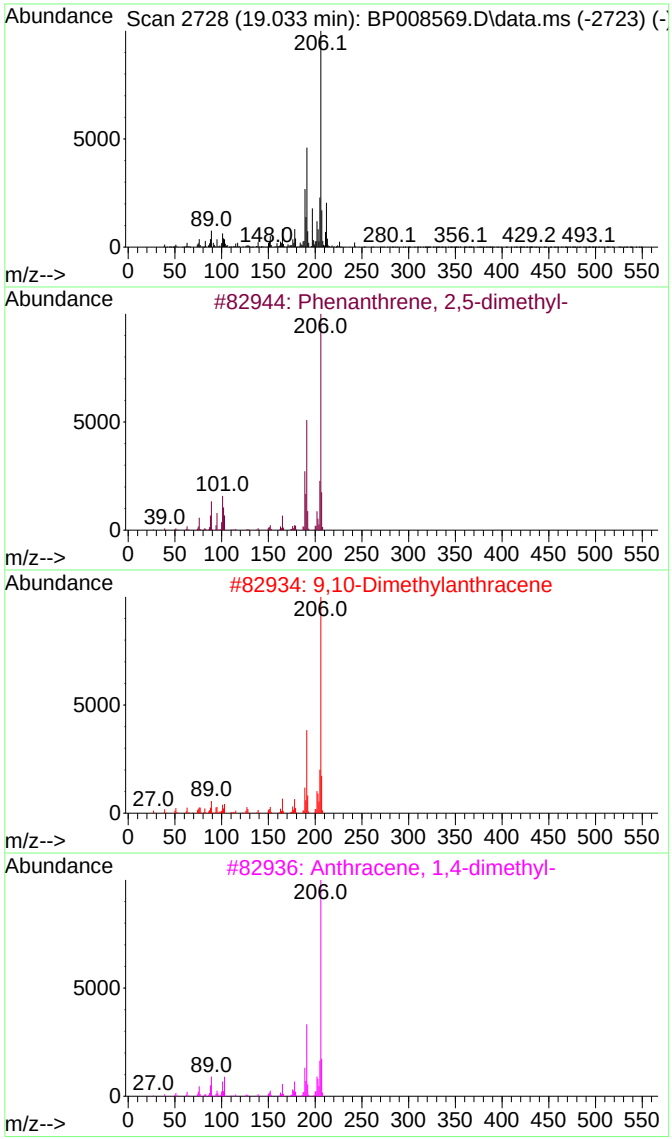
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

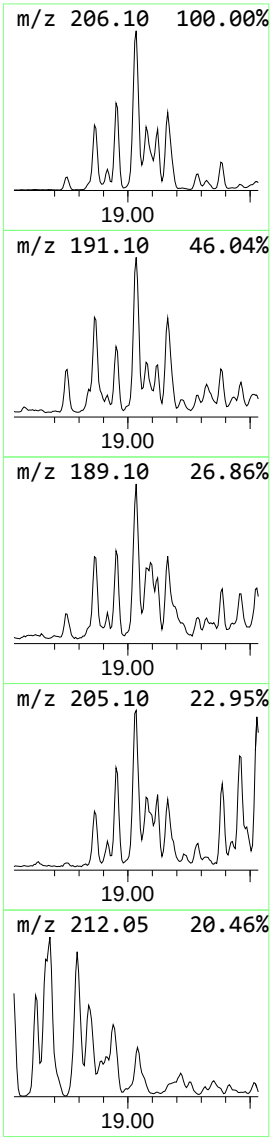
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.034	4.93 ng/ul	2335560	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

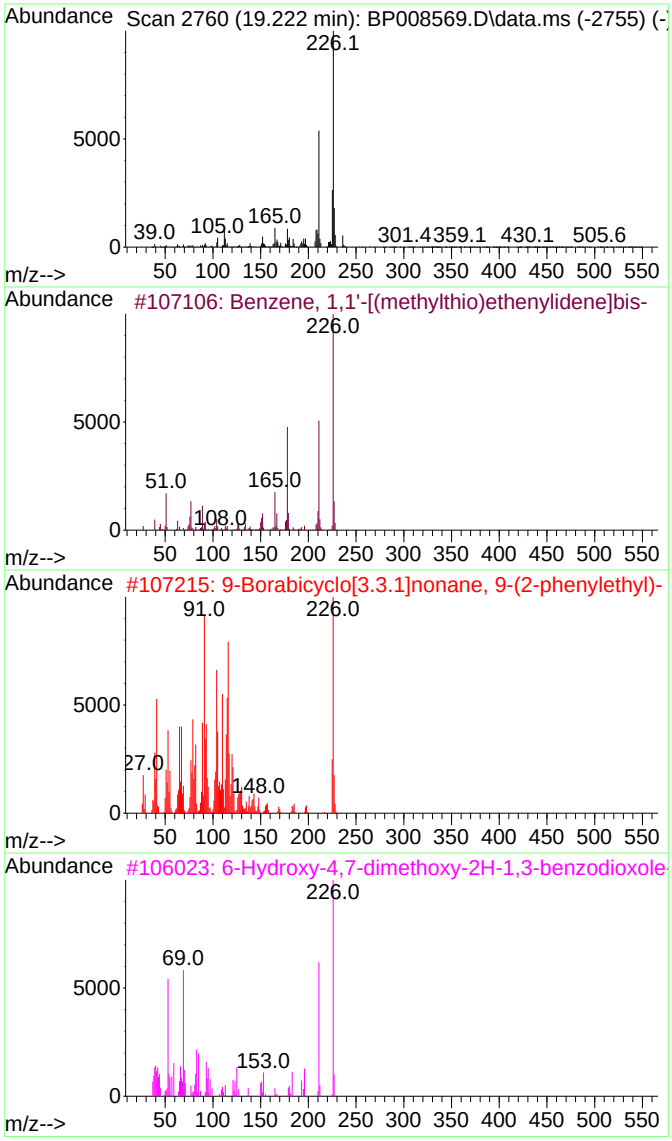
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

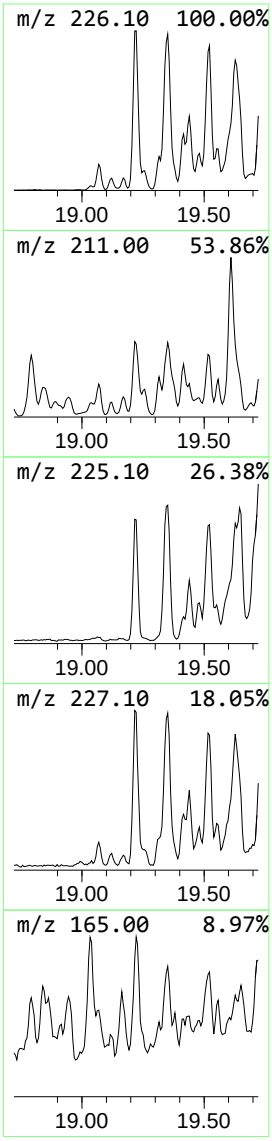
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, 1,1'-[(methylthio)... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.222	3.45 ng/ul	1632750	Phenanthrene-d10	17.281

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-[(methylthio)ethen...	226	C15H14S	015096-10-3	72
2	9-Borabicyclo[3.3.1]nonane, 9-(2...	226	C16H23B	067753-90-6	60
3	6-Hydroxy-4,7-dimethoxy-2H-1,3-b...	226	C10H10O6	849798-24-9	59
4	6,10-Methano-5H-cyclooct[b]indol...	226	C15H18N2	1000337-05-7	55
5	[1,1'-Biphenyl]-2-ol, 3-(1,1-dim...	226	C16H18O	002416-98-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

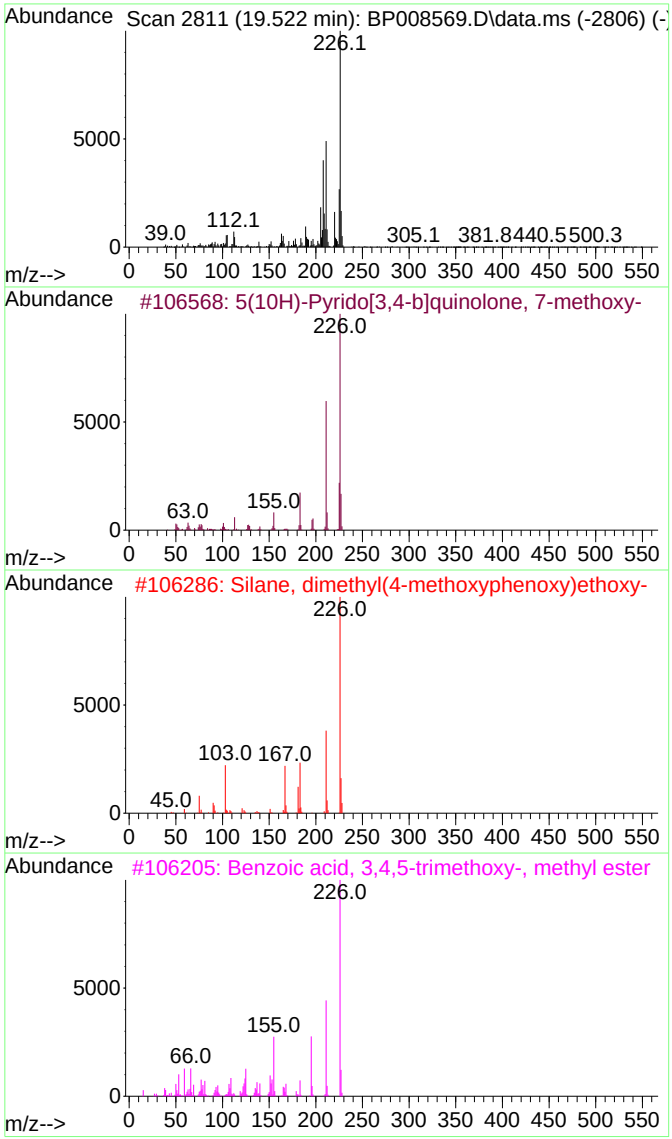
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

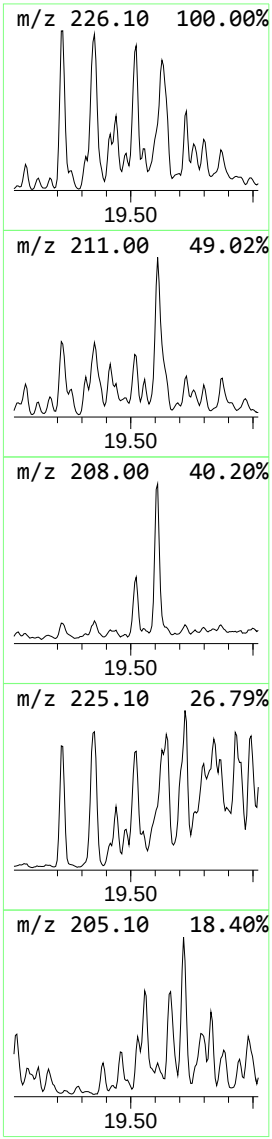
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5(10H)-Pyrido[3,4-b]quinolo... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.522	2.63 ng/ul	1607540	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	53
2	Silane, dimethyl(4-methoxyphenox...	226	C11H18O3Si	1000347-13-9	49
3	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	47
4	Benzoic acid, 3,4,5-trimethoxy-,...	226	C11H14O5	001916-07-0	47
5	9(1H)-Phenanthrone, 2,3,4,4a-tet...	226	C16H18O	094571-08-1	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

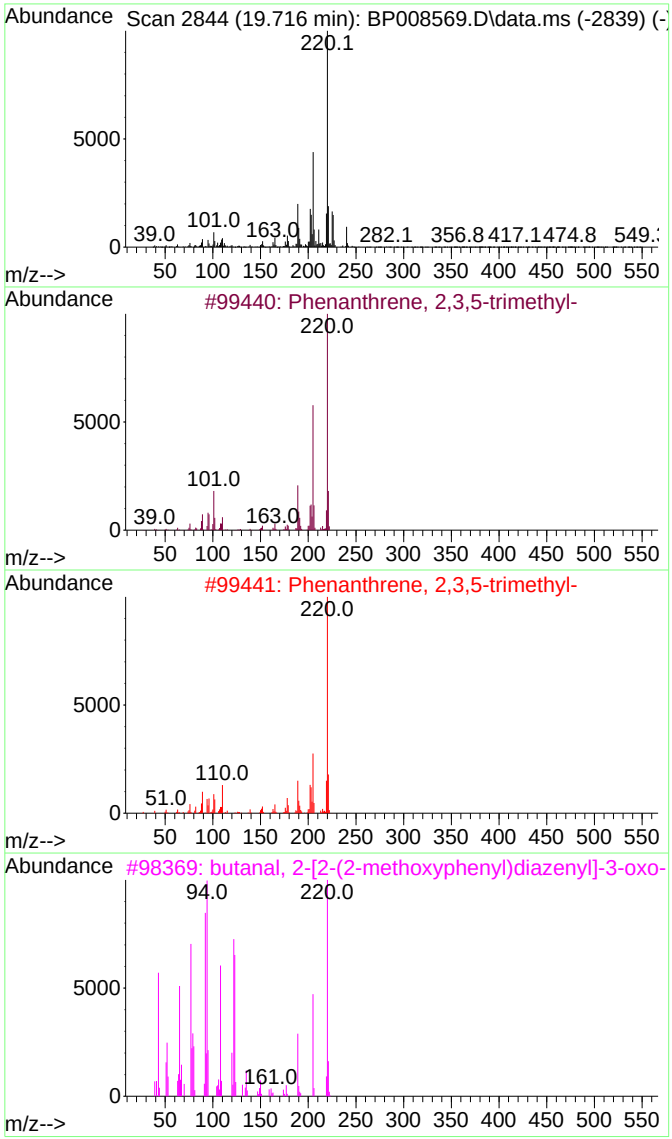
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

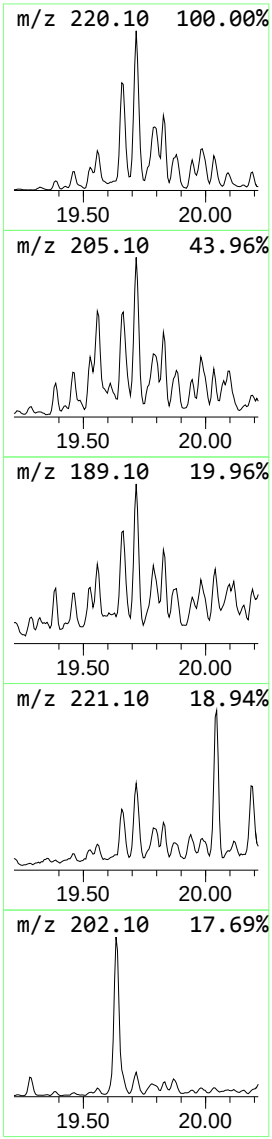
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 2,3,5-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.716	4.18 ng/ul	2555970	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	86
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	72
4	1-(4-Methylphenyl)-4-phenylbuta-...	220	C17H16	037985-11-8	59
5	5-(2,5-Dimethoxy-phenyl)-2H-pyra...	220	C11H12N2O3	1000278-26-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

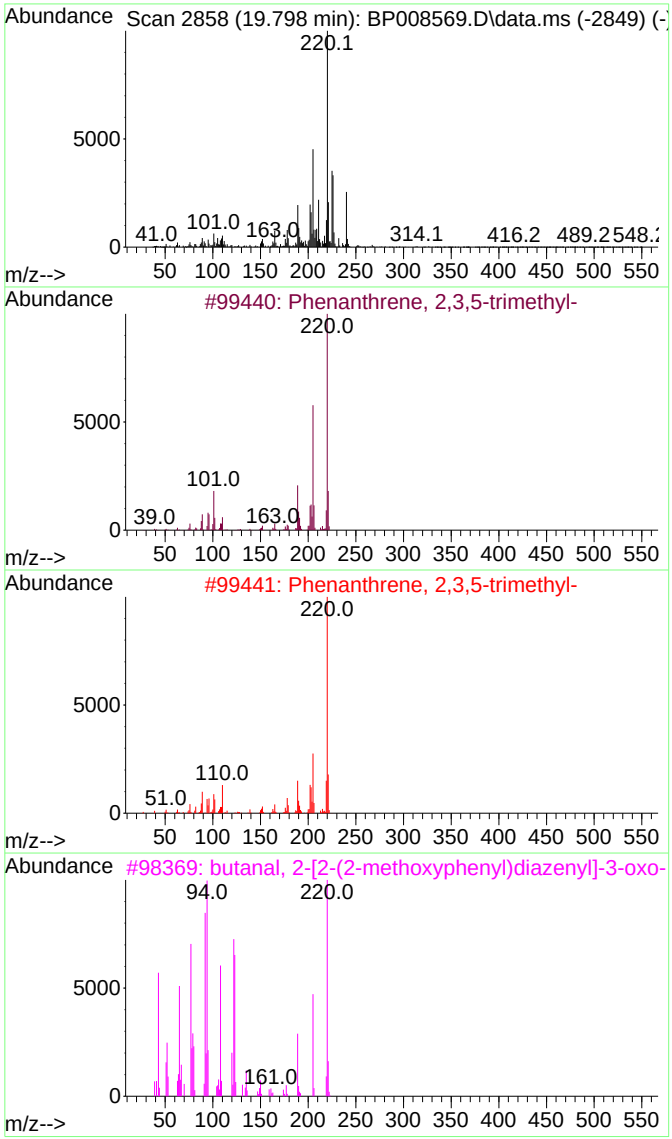
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

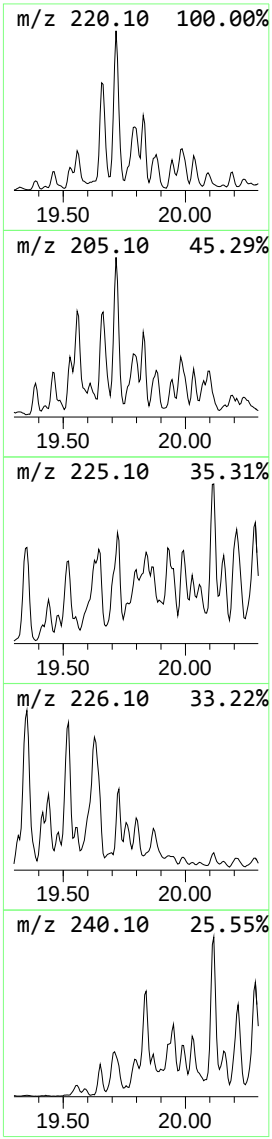
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 butanal, 2-[2-(2-methoxyphe... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.798	3.23 ng/ul	1977150	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	90
2	Phenanthrene, 2,3,5-trimethyl-	220	C17H16	003674-73-5	64
3	butanal, 2-[2-(2-methoxyphenyl)d...	220	C11H12N2O3	1000396-24-5	60
4	2-Benzofurancarboxylic acid, 6-m...	220	C12H12O4	1000349-99-8	43
5	7-Nitro-6-methoxy-2,3-dimethylin...	220	C11H12N2O3	068289-71-4	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

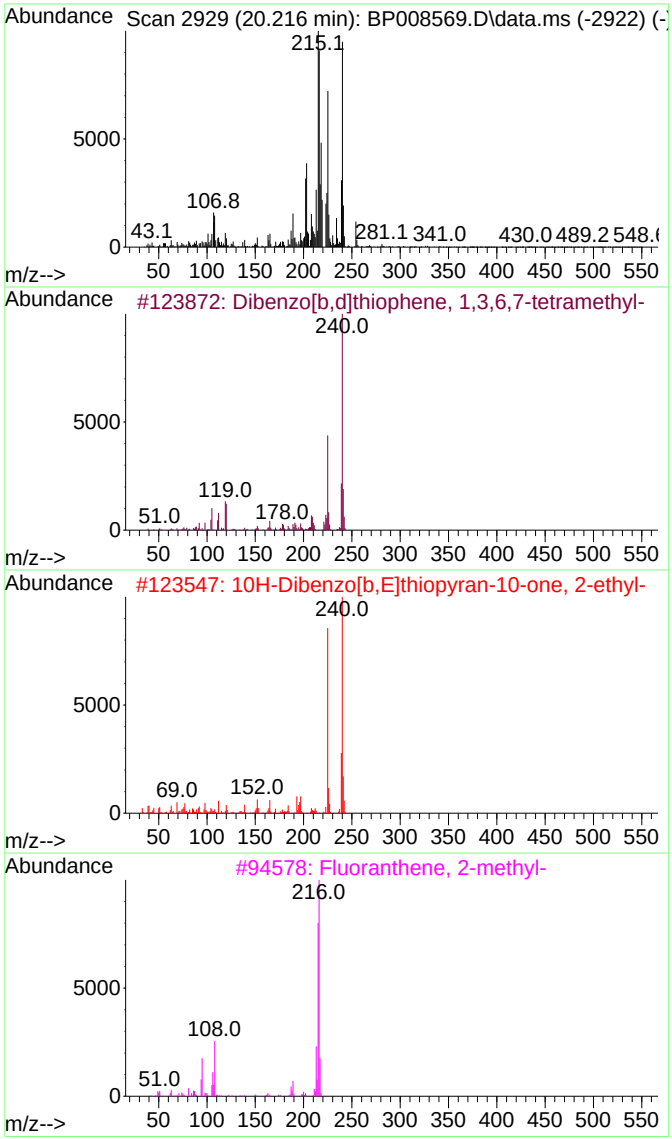
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

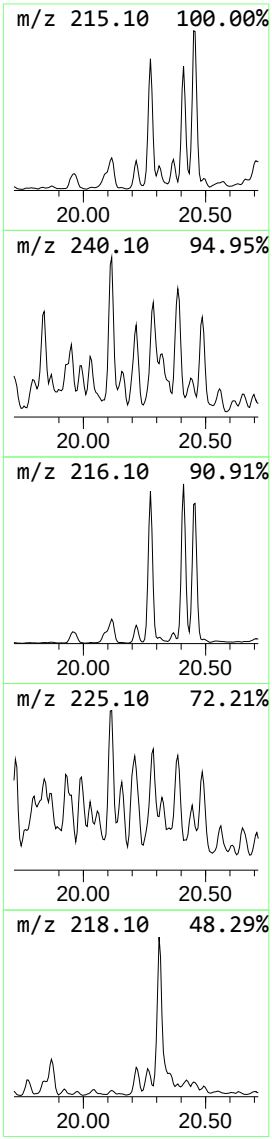
****

Peak Number 15 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.216	3.21 ng/ul	1960290	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[b,d]thiophene, 1,3,6,7-t...	240	C16H16S	1000266-22-2	38
2	10H-Dibenzo[b,E]thiopyran-10-one...	240	C15H12OS	005495-83-0	38
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	30
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	30
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

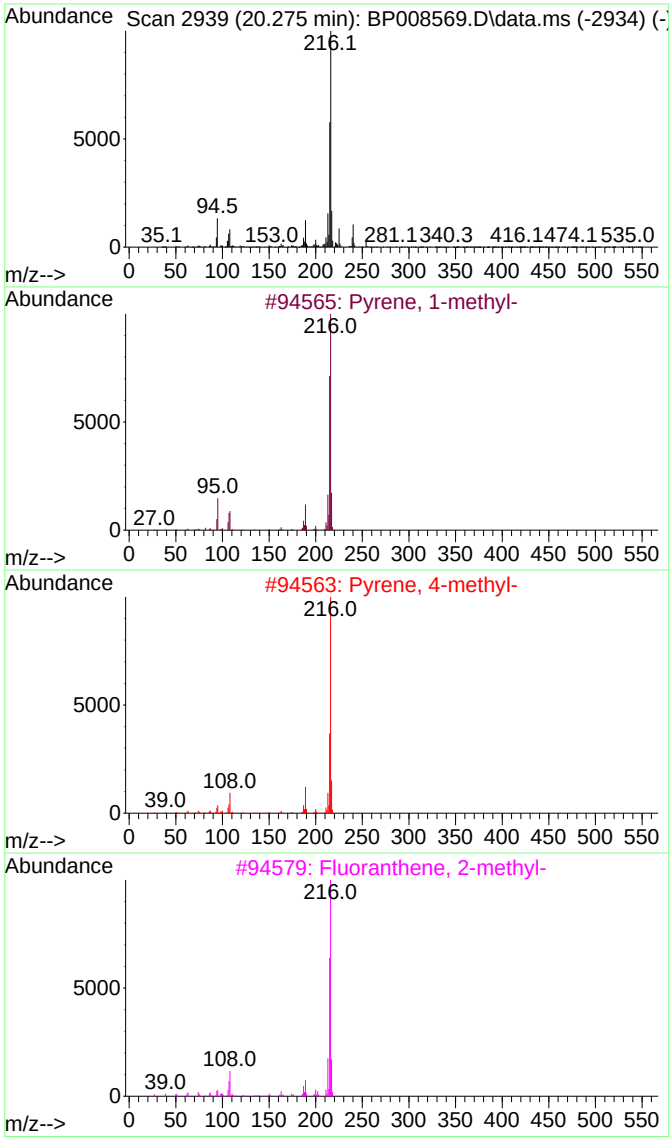
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

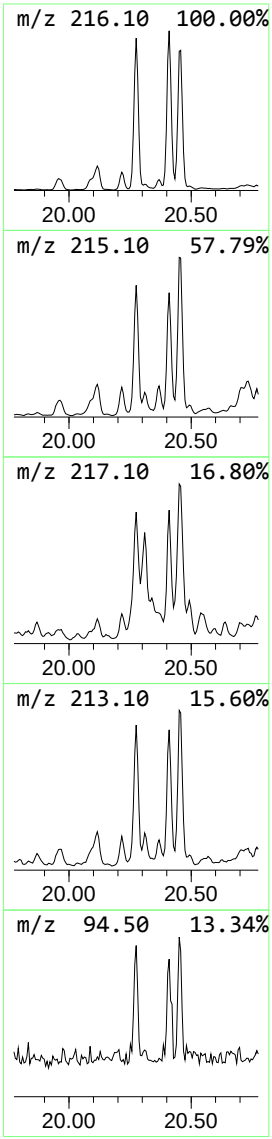
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.275	6.38 ng/ul	3902010	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

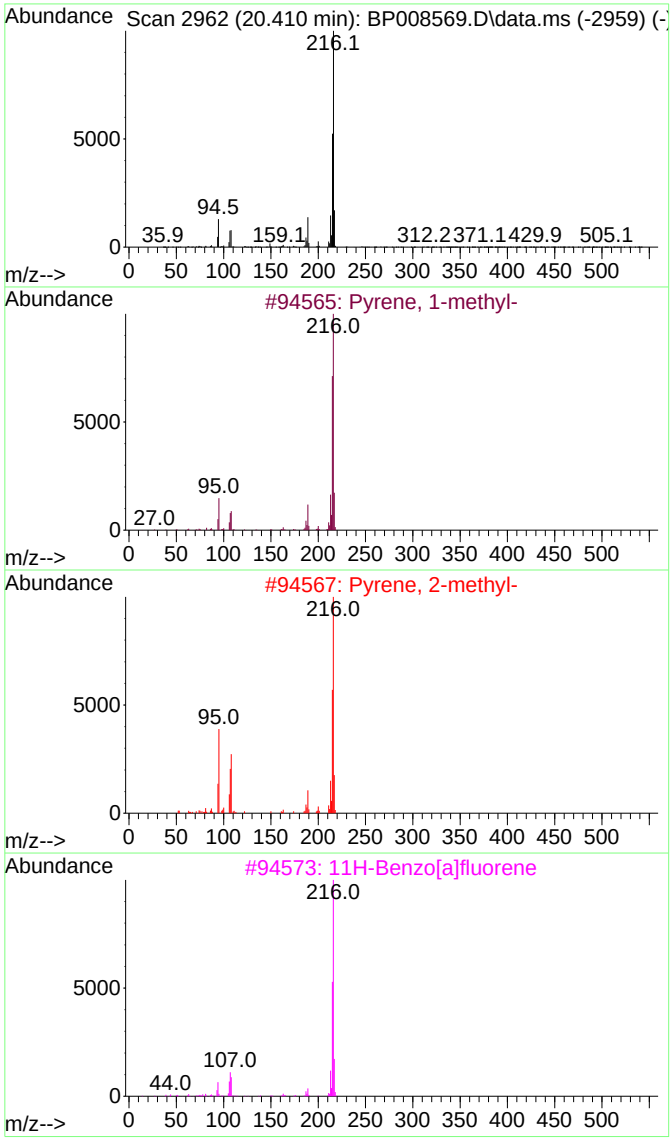
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

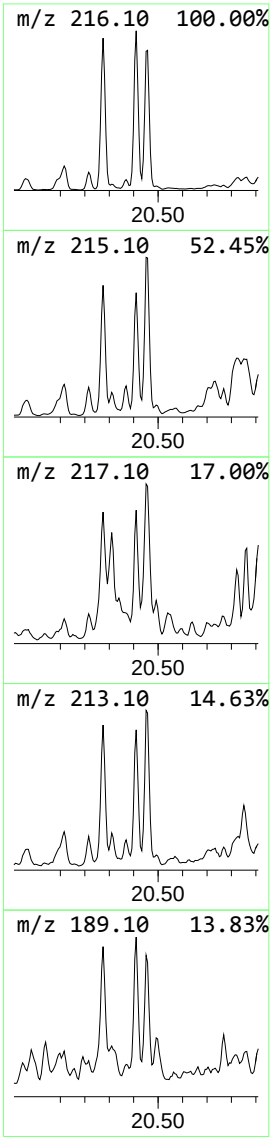
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.410	2.67 ng/ul	1629360	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

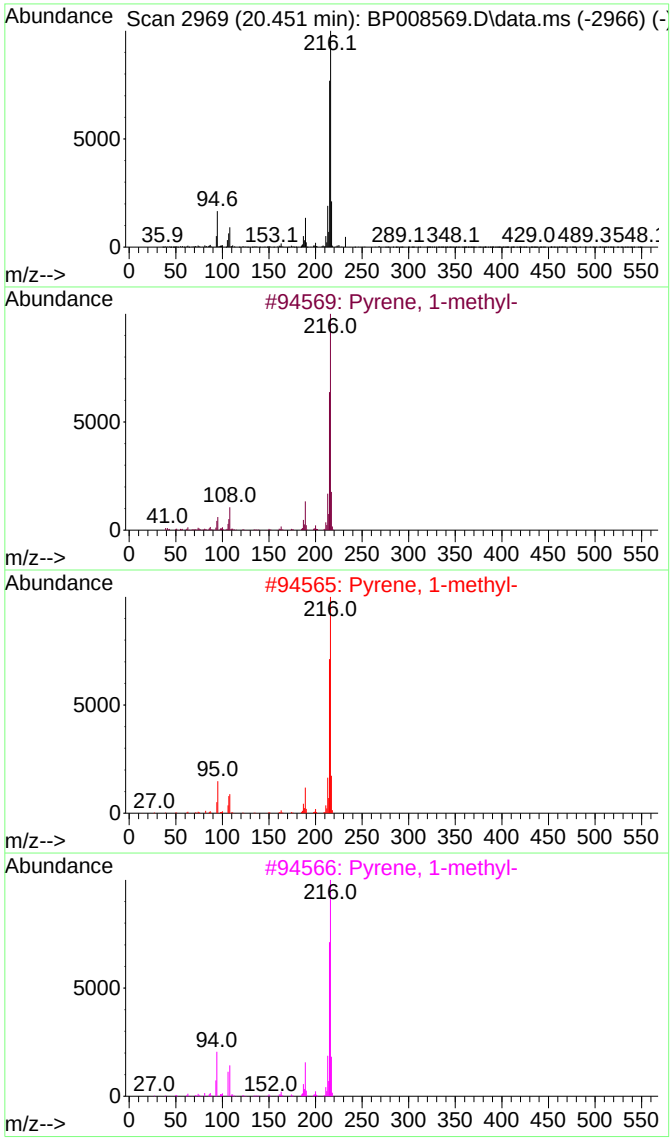
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

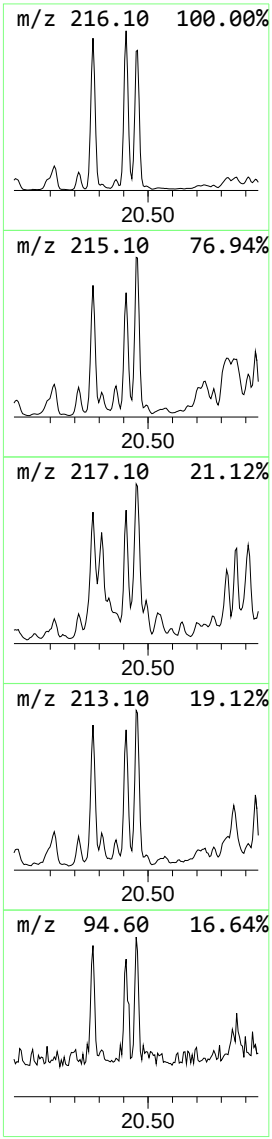
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.451	4.45 ng/ul	2717510	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	92





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

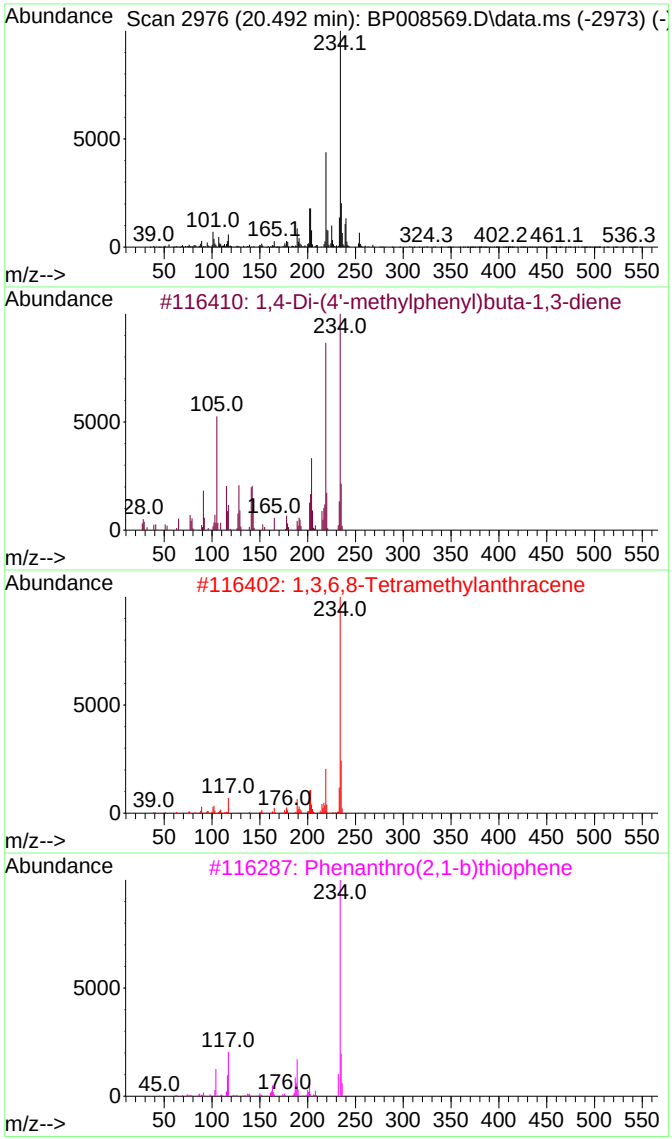
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

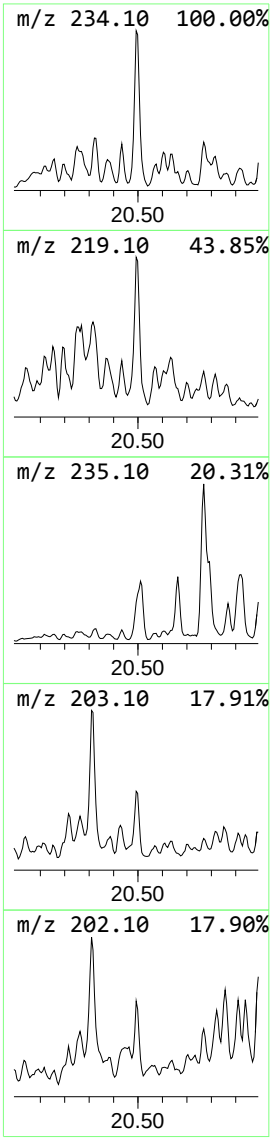
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1,4-Di-(4'-methylphenyl)but... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.492	3.76 ng/ul	2296040	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Di-(4'-methylphenyl)buta-1,3...	234	C18H18	1000202-17-5	64
2	1,3,6,8-Tetramethylanthracene	234	C18H18	017526-53-3	64
3	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	43
4	5,6,8,9,10,11-Hexahydrobenz[a]an...	234	C18H18	067064-61-3	43
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

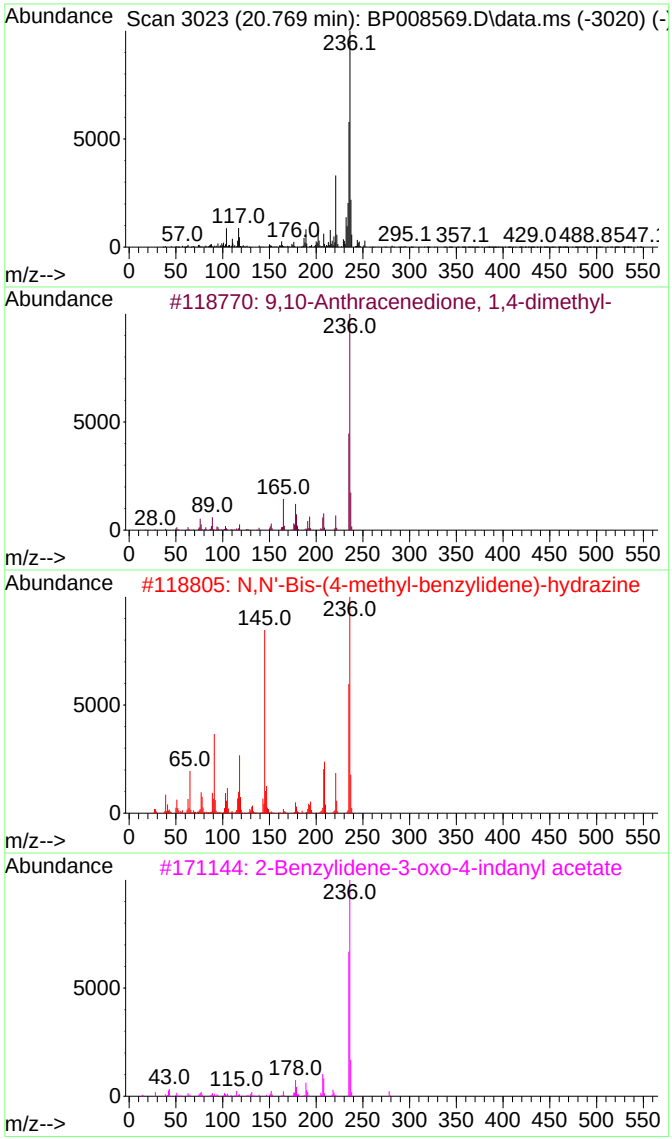
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

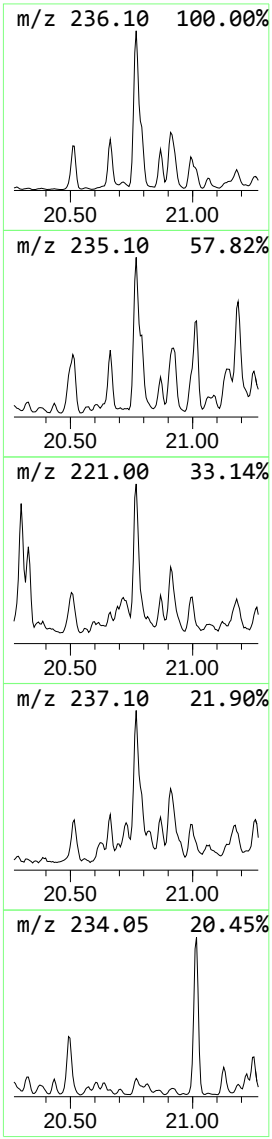
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9,10-Anthracenedione, 1,4-d... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.769	3.02 ng/ul	1844250	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione, 1,4-dimethyl-	236	C16H12O2	001519-36-4	53
2	N,N'-Bis-(4-methyl-benzylidene)-...	236	C16H16N2	1000193-17-0	53
3	2-Benzylidene-3-oxo-4-indanyl ac...	278	C18H14O3	1000244-77-1	50
4	9,10-Anthracenedione, 2-ethyl-	236	C16H12O2	000084-51-5	50
5	Benzo[f]chromene, perhydro-7,7,1...	236	C16H28O	1000197-66-3	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

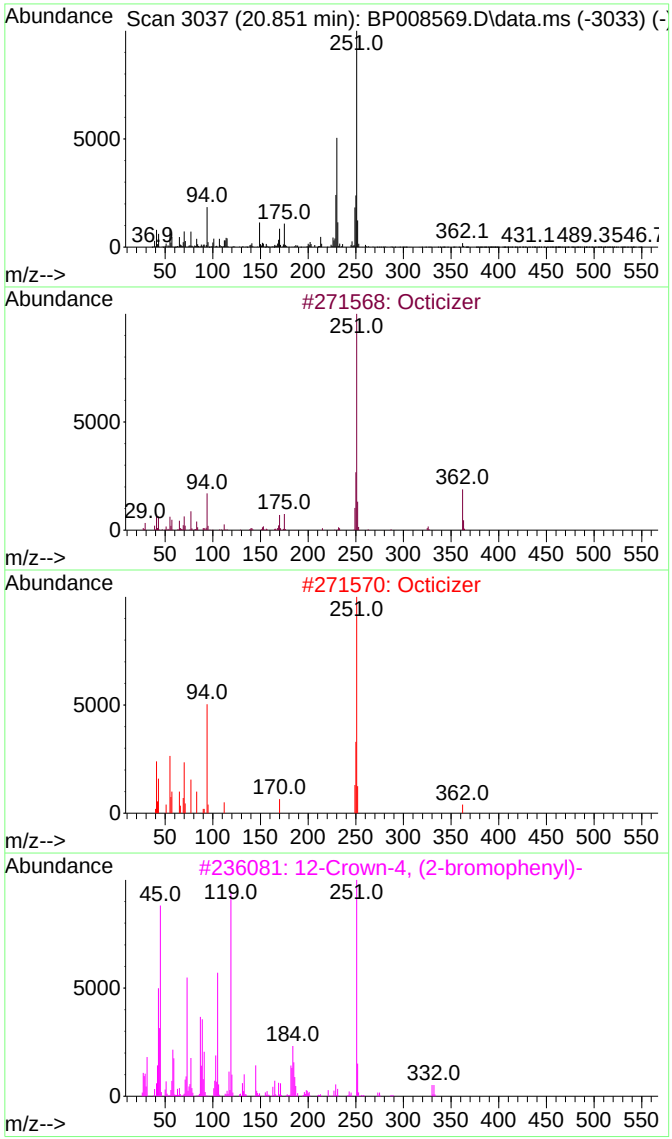
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

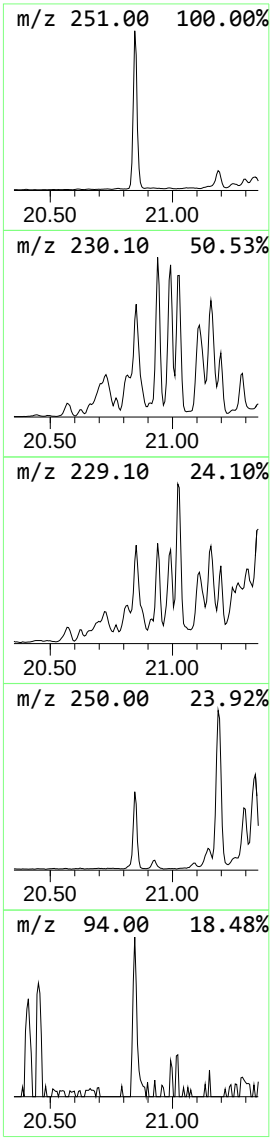
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Octicizer Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.851	9.21 ng/ul	5627670	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octicizer	362	C20H27O4P	001241-94-7	90
2	Octicizer	362	C20H27O4P	001241-94-7	76
3	12-Crown-4, (2-bromophenyl)-	330	C14H19BrO4	1000161-91-9	27
4	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	27
5	Phosphoric acid, isodecyl diphen...	390	C22H31O4P	1346599-15-2	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

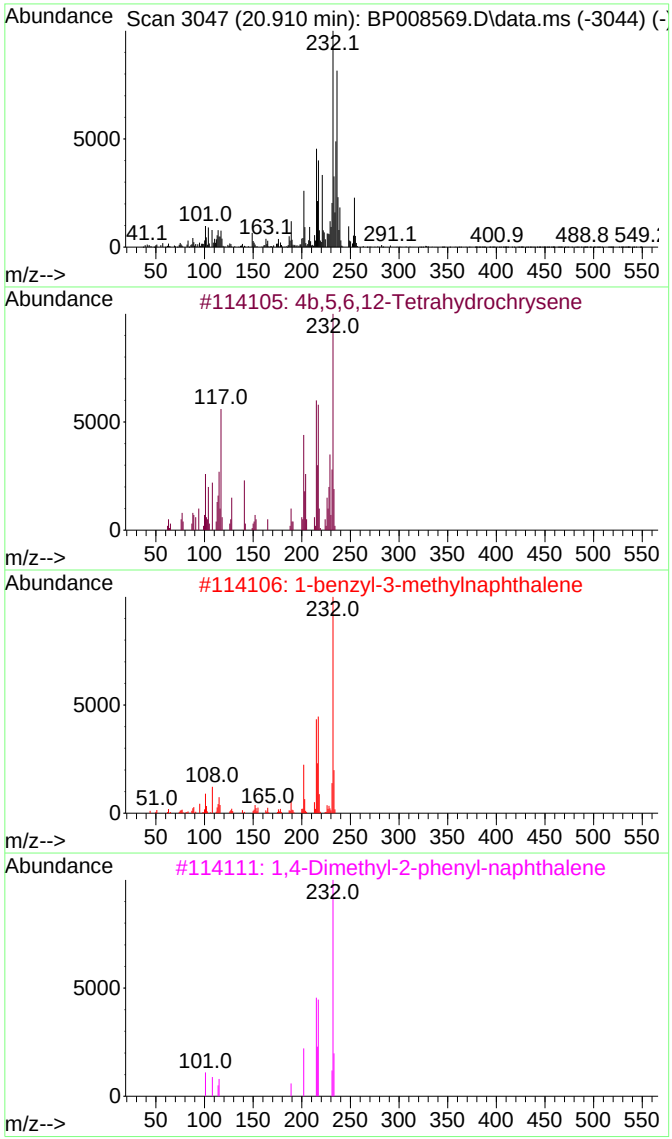
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

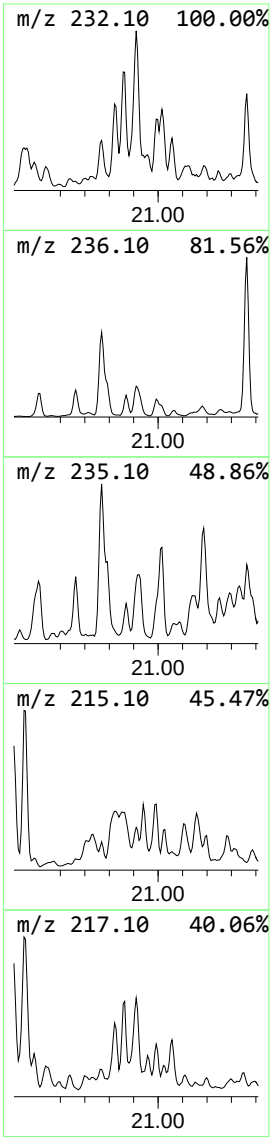
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 4b,5,6,12-Tetrahydrochrysene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.77 ng/ul	1694540	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4b,5,6,12-Tetrahydrochrysene	232	C18H16	031570-60-2	64
2	1-benzyl-3-methylnaphthalene	232	C18H16	1000379-93-5	50
3	1,4-Dimethyl-2-phenyl-naphthalene	232	C18H16	051036-91-0	50
4	1-Methyl-4-p-tolylnaphthalene	232	C18H16	093870-57-6	50
5	1,3-dimethyl-2-phenyl-naphthalene	232	C18H16	1000379-93-4	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

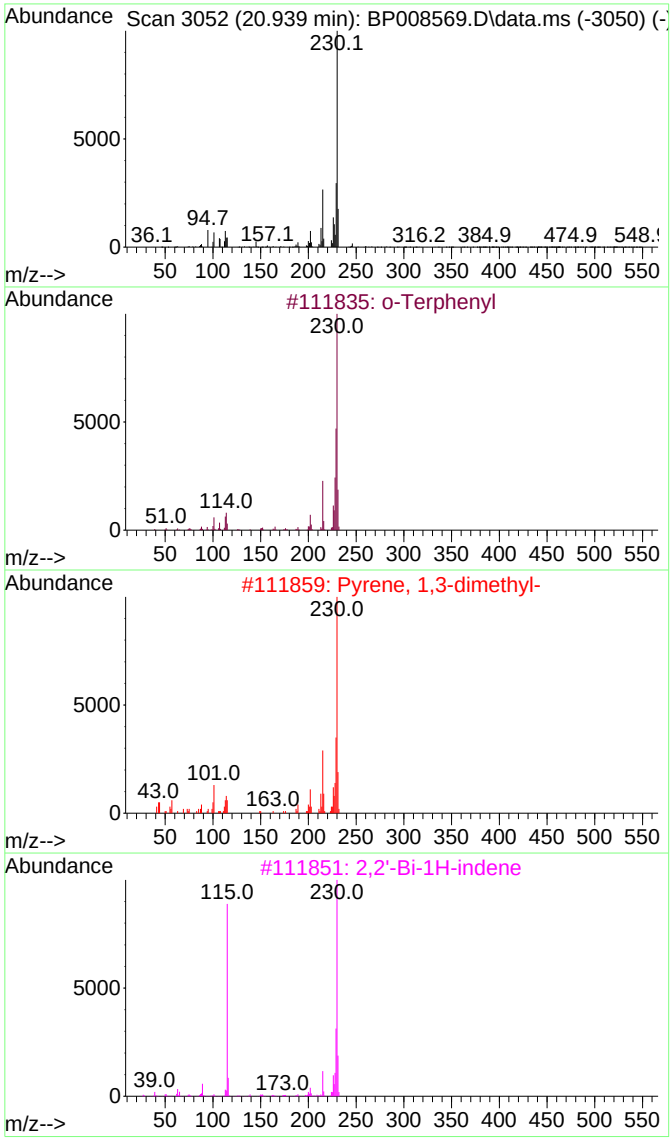
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

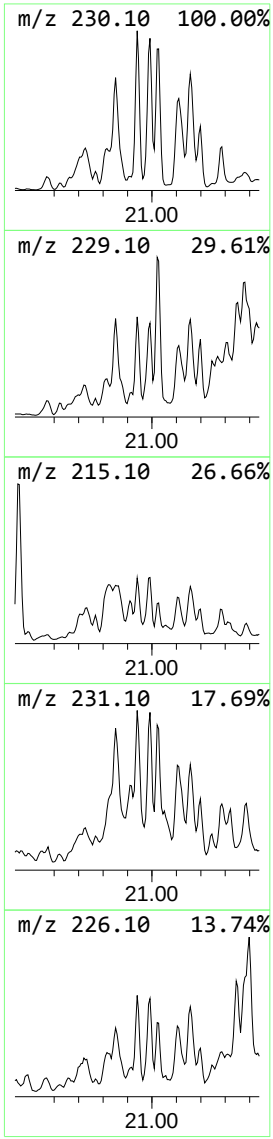
****

Peak Number 23 o-Terphenyl Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.939	3.50 ng/ul	2140750	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Terphenyl	230	C18H14	000084-15-1	89
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	87
3	2,2'-Bi-1H-indene	230	C18H14	000787-61-1	81
4	m-Terphenyl	230	C18H14	000092-06-8	70
5	m-Terphenyl	230	C18H14	000092-06-8	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

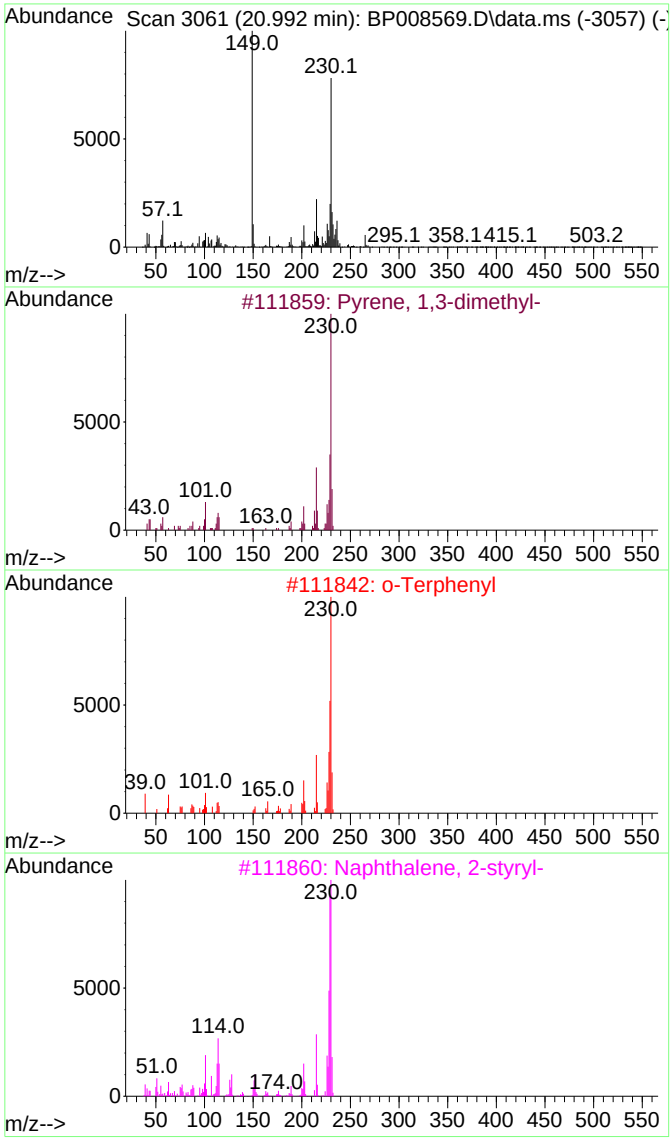
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

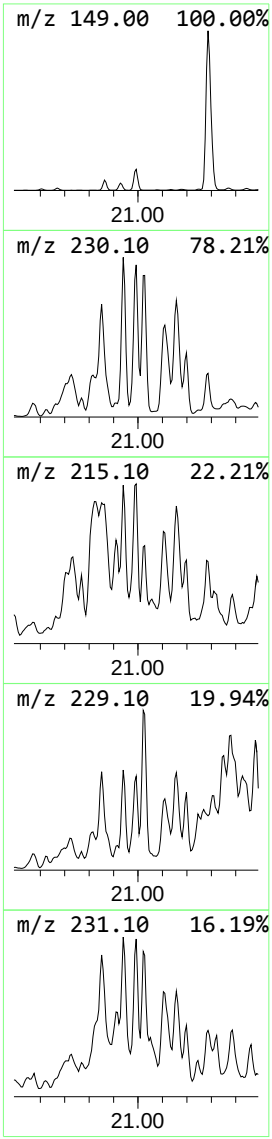
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Pyrene, 1,3-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	7.16 ng/ul	4374900	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	95
2	o-Terphenyl	230	C18H14	000084-15-1	50
3	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	42
4	o-Terphenyl	230	C18H14	000084-15-1	38
5	2,5-Methano-2H-thieno[3,2-b]thio...	230	C10H14O2S2	035636-01-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

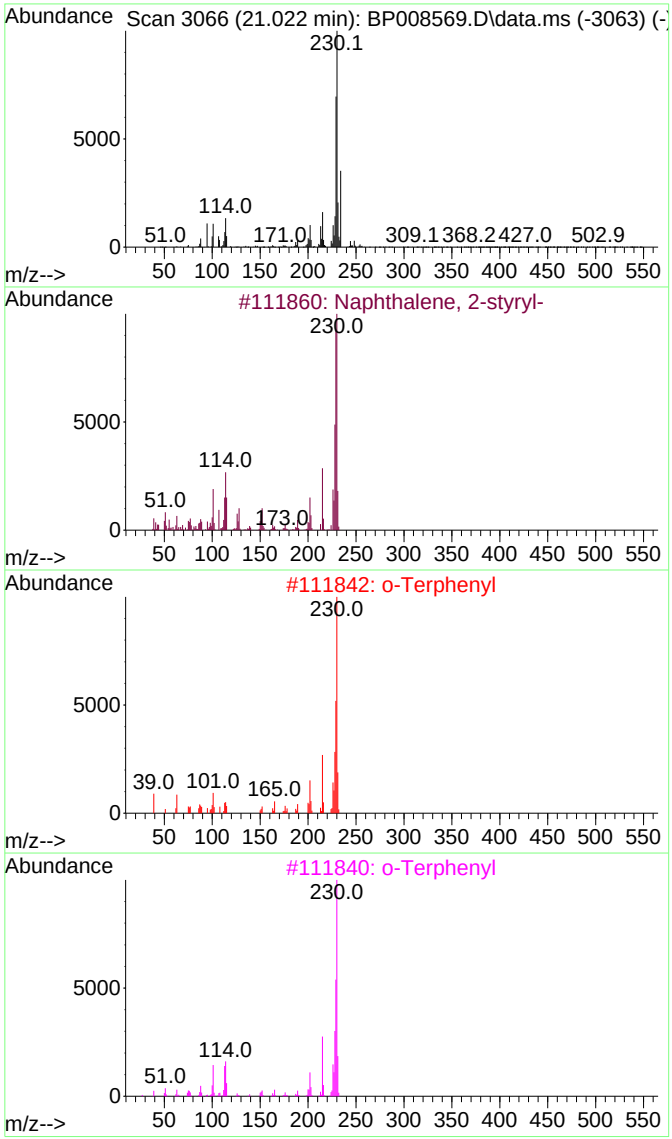
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

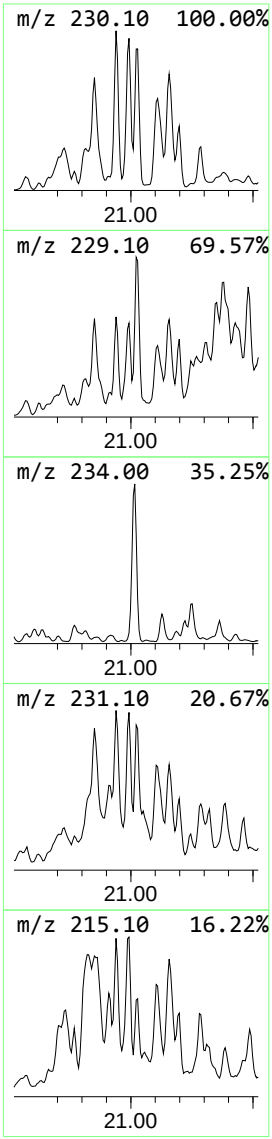
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Naphthalene, 2-styryl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.022	5.34 ng/ul	3265140	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-styryl-	230	C18H14	002039-70-5	86
2	o-Terphenyl	230	C18H14	000084-15-1	76
3	o-Terphenyl	230	C18H14	000084-15-1	76
4	Naphthacene, 5,12-dihydro-	230	C18H14	000959-02-4	70
5	o-Terphenyl	230	C18H14	000084-15-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

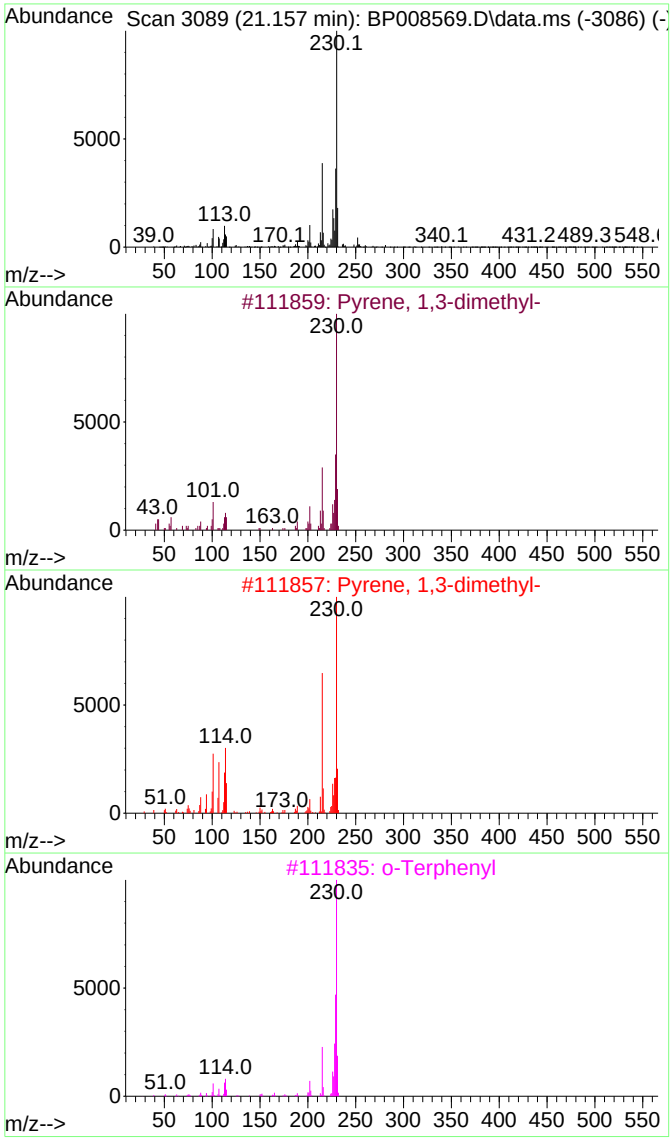
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

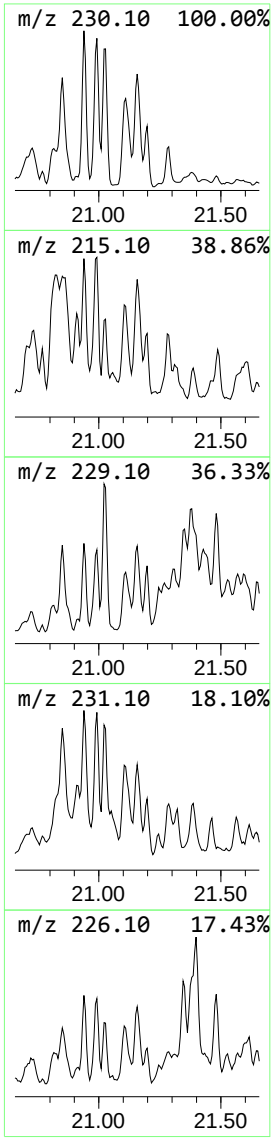
****

Peak Number 26 6,6-Diphenylfulvene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.157	2.67 ng/ul	1634940	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	80
2	Pyrene, 1,3-dimethyl-	230	C18H14	064401-21-4	74
3	o-Terphenyl	230	C18H14	000084-15-1	70
4	6,6-Diphenylfulvene	230	C18H14	002175-90-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

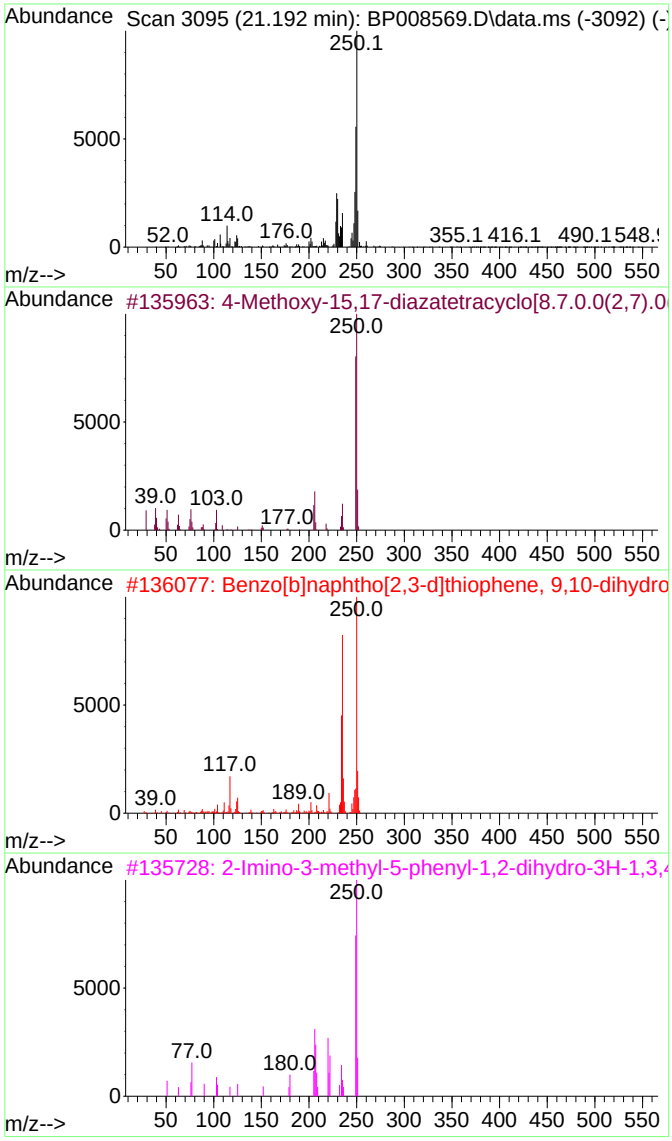
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

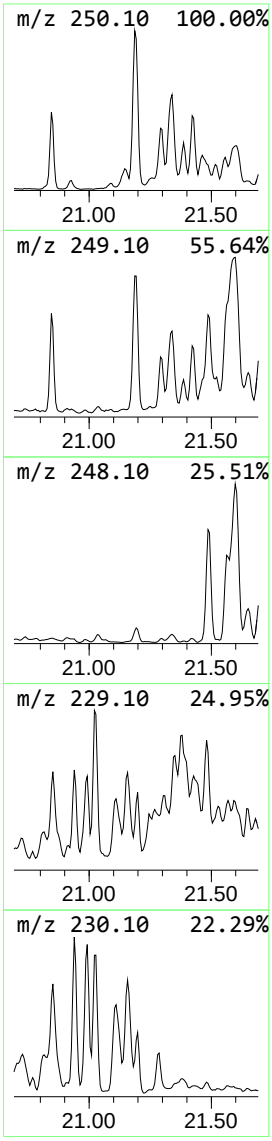
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 4-Methoxy-15,17-diazatetrac... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.192	4.07 ng/ul	2486430	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-15,17-diazatetracyclo[...	250	C16H14N2O	1000459-82-6	50
2	Benzo[b]naphtho[2,3-d]thiophene,...	250	C17H14S	024964-03-2	43
3	2-Imino-3-methyl-5-phenyl-1,2-di...	250	C15H14N4	143869-35-6	38
4	Anthraquinone, 1,2,4-trimethyl-	250	C17H14O2	020153-30-4	38
5	4-Benzyl-1,2-dihydro-2-methyl-1-...	250	C16H14N2O	051107-08-5	37





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

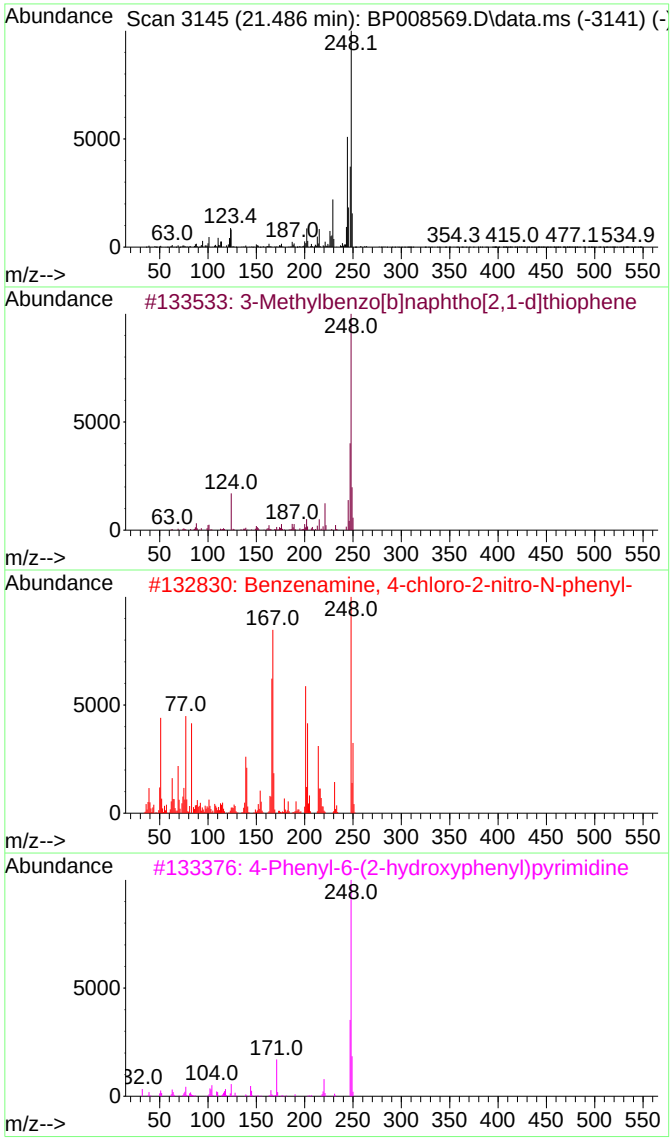
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

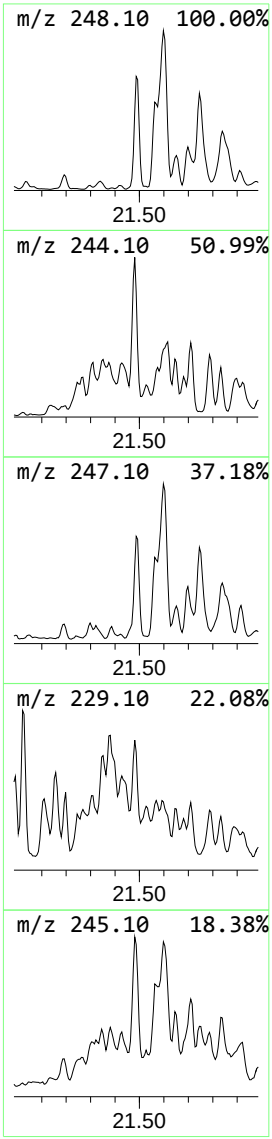
****

Peak Number 28 unknown-02 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.486	4.69 ng/ul	2864000	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	49
2	Benzenamine, 4-chloro-2-nitro-N-...	248	C12H9ClN2O2	016611-15-7	38
3	4-Phenyl-6-(2-hydroxyphenyl)pyri...	248	C16H12N2O	037473-11-3	38
4	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-07-6	38
5	1,4-Dihydroxy-6,6,9a-trimethyl-4...	308	C17H24O5	1000488-74-7	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

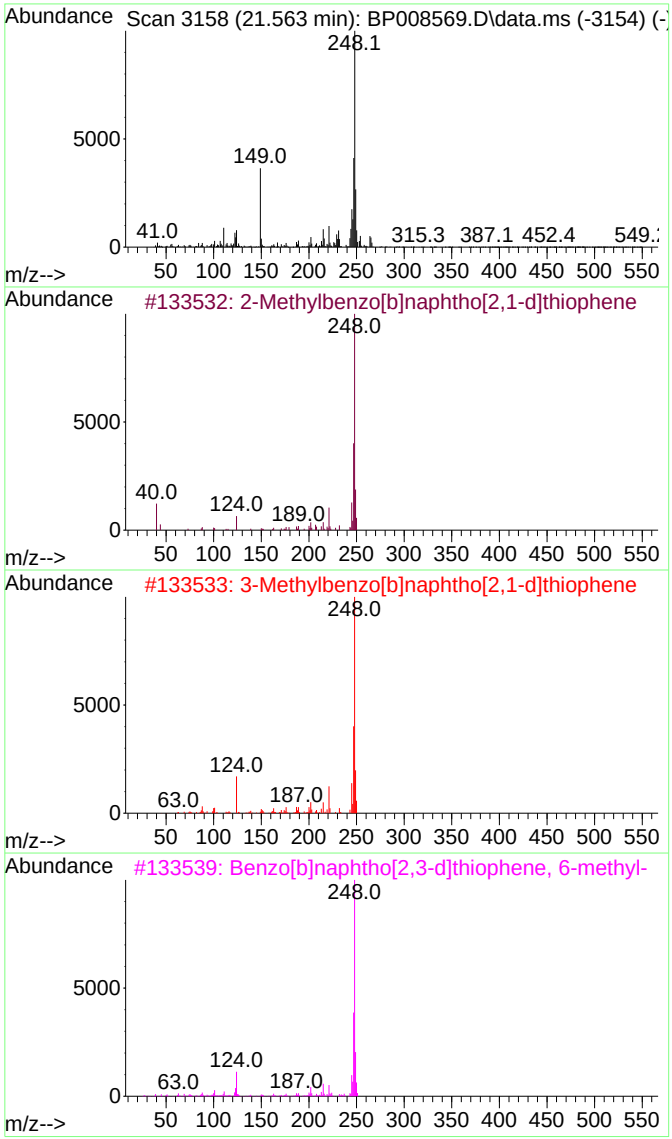
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

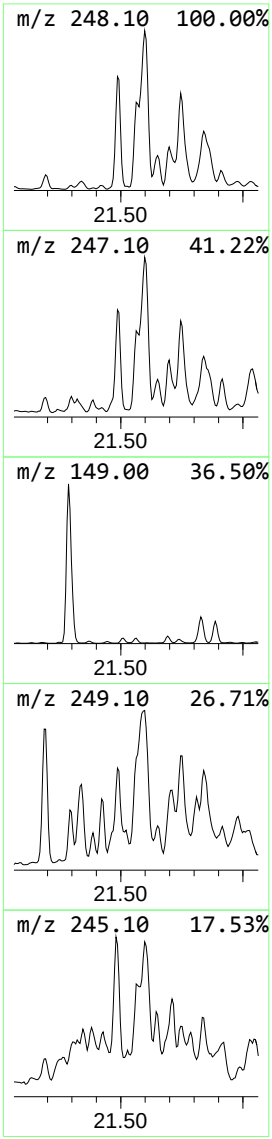
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 2-Methylbenzo[b]naphtho[2,1... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.563	3.89 ng/ul	2378810	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	1000326-06-8	96
2	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	94
3	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	93
4	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024964-09-8	81
5	3-Methylphenanthro[9,10-b]thiophene	248	C17H12S	082420-70-0	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

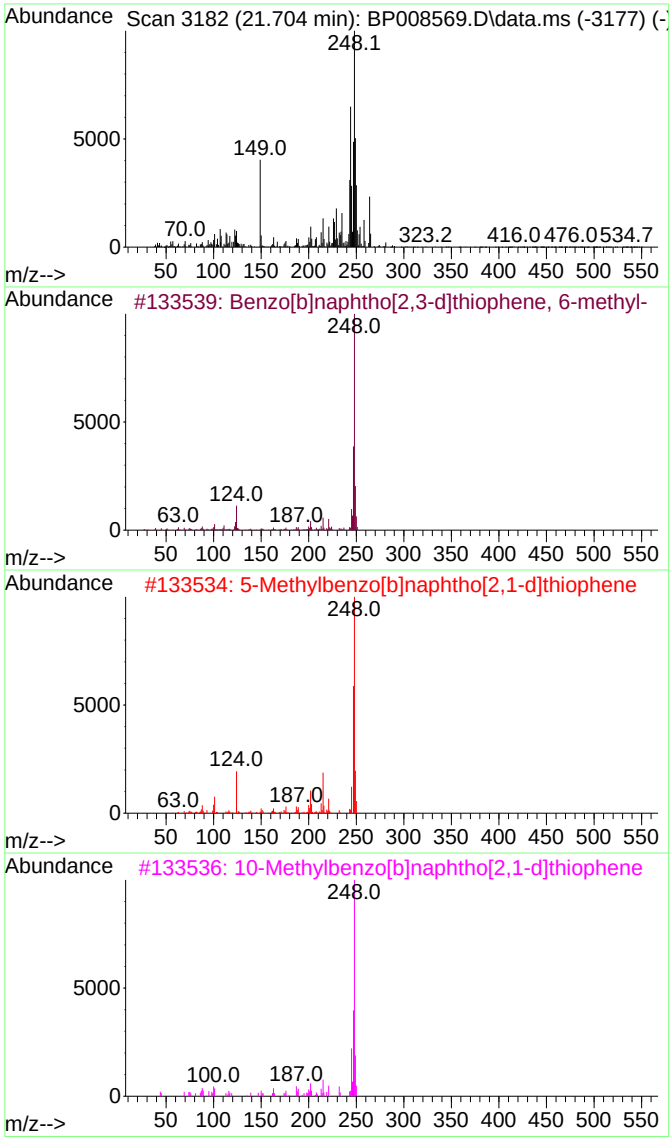
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

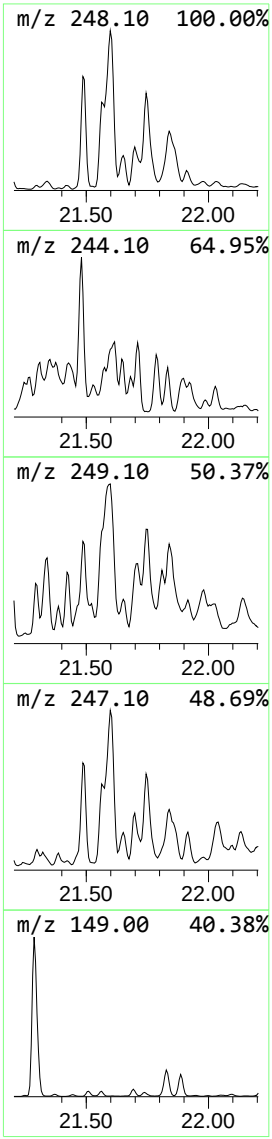
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.704	4.34 ng/ul	2651110	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene,...	248	C17H12S	024360-63-2	84
2	5-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-49-1	66
3	10-Methylbenzo[b]naphtho[2,1-d]t...	248	C17H12S	083821-58-3	55
4	11-Methylbenzo[b]naphtho[2,3-d]t...	248	C17H12S	079966-33-9	46
5	3-Methylbenzo[b]naphtho[2,1-d]th...	248	C17H12S	004567-45-7	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

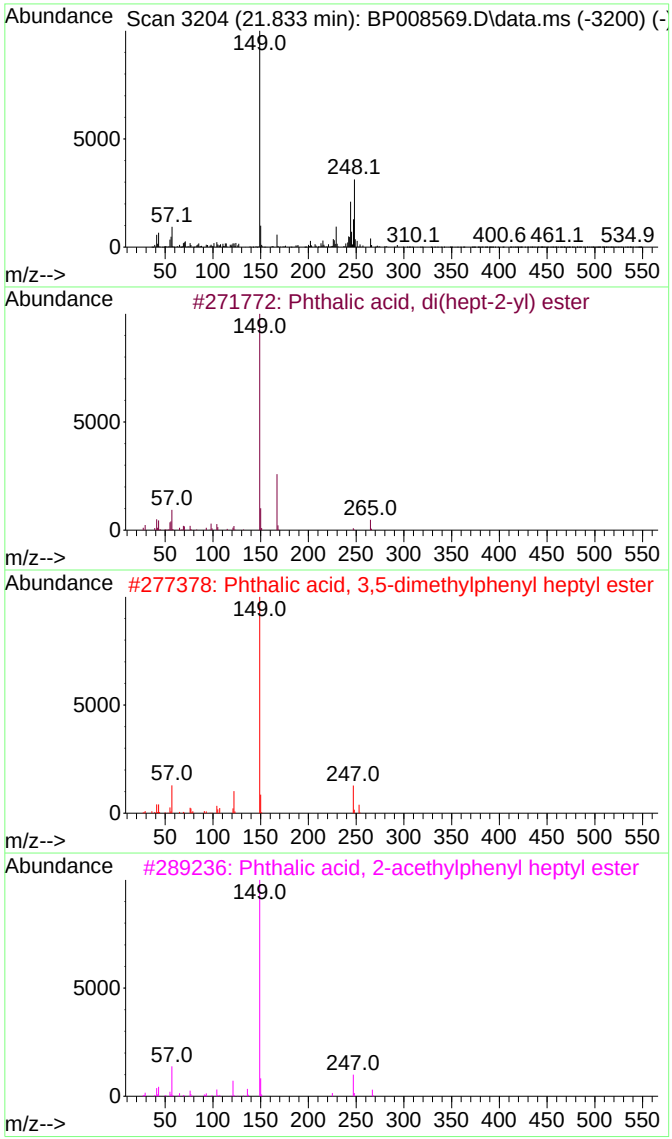
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

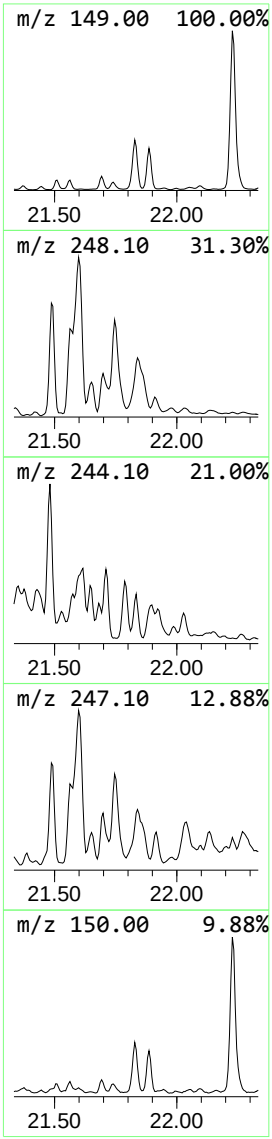
****

Peak Number 32 unknown-03 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.833	5.51 ng/ul	3370820	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, di(hept-2-yl) ester	362	C22H34O4	1000356-98-3	49
2	Phthalic acid, 3,5-dimethylpheny...	368	C23H28O4	1000309-78-7	47
3	Phthalic acid, 2-acethylphenyl h...	382	C23H26O5	1000315-81-8	47
4	Phthalic acid, heptyl hept-3-yl ...	362	C22H34O4	1000356-99-1	46
5	Phthalic acid, 2-ethylbutyl hept...	348	C21H32O4	1000356-89-2	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

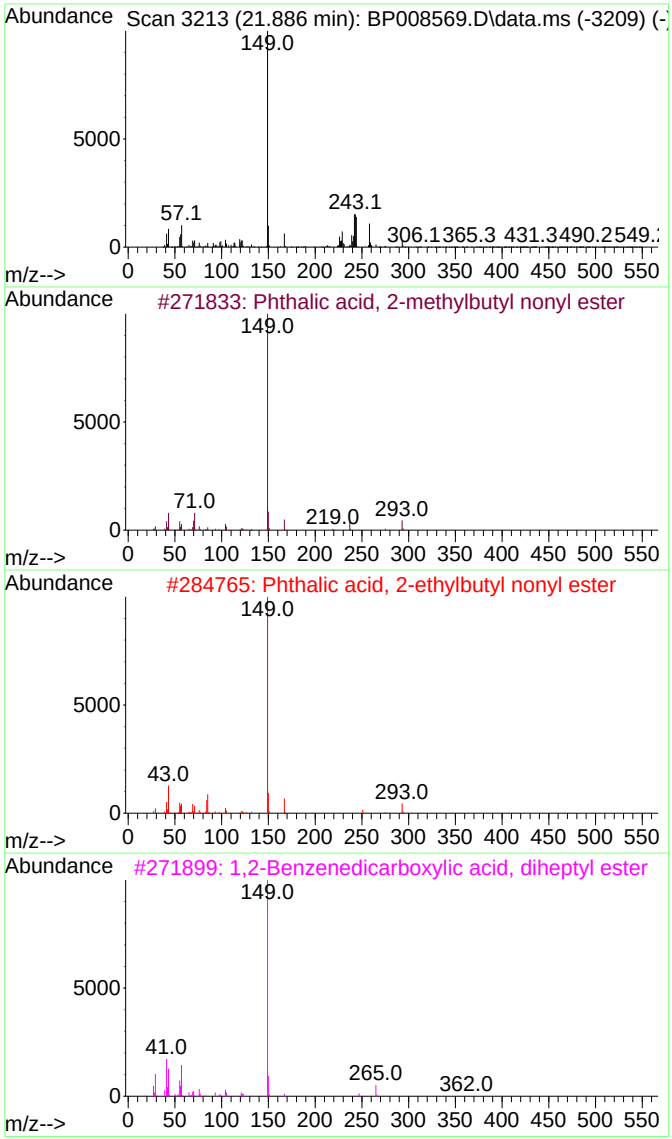
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

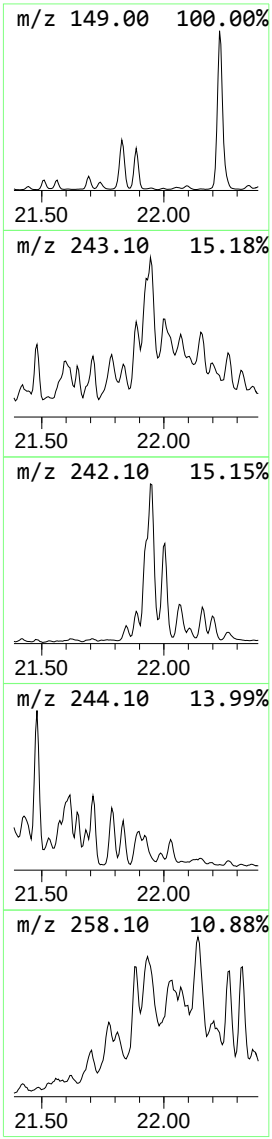
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 Phthalic acid, 2-methylbuty... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.886	3.94 ng/ul	2408570	Chrysene-d12	21.363

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, 2-methylbutyl non...	362	C22H34O4	1000322-81-7	52
2	Phthalic acid, 2-ethylbutyl nony...	376	C23H36O4	1000356-89-4	52
3	1,2-Benzenedicarboxylic acid, di...	362	C22H34O4	003648-21-3	52
4	Phthalic acid, decyl 2,5-dichlor...	450	C24H28Cl2O4	1000356-18-4	50
5	Phthalic acid, hexyl 6-methylhep...	362	C22H34O4	1000377-96-0	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

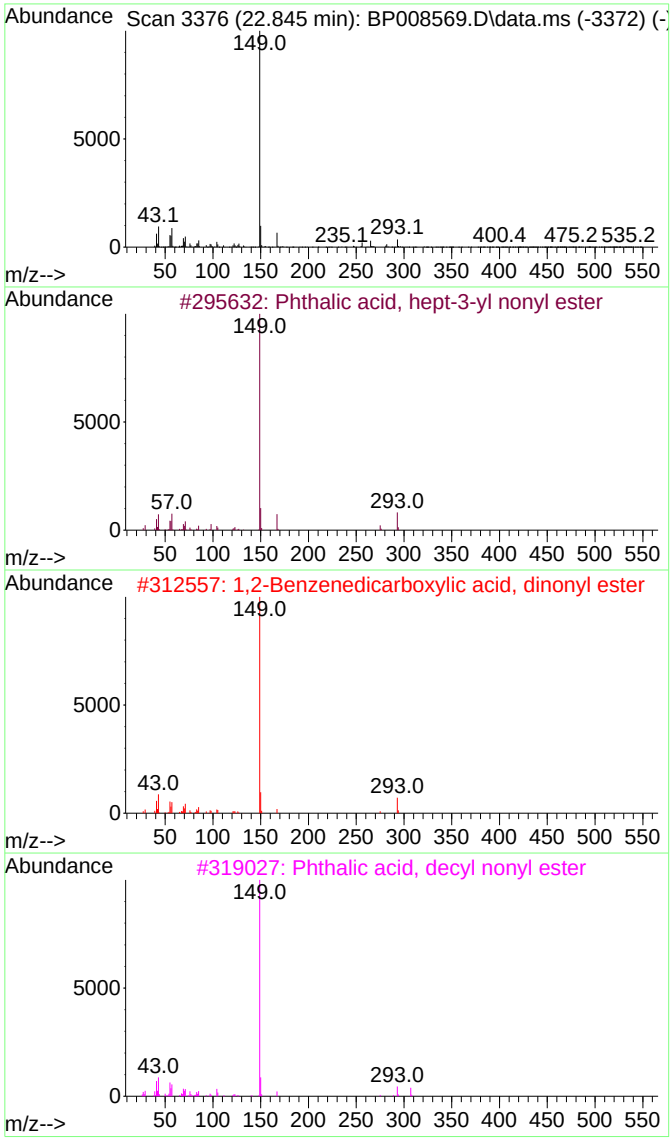
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

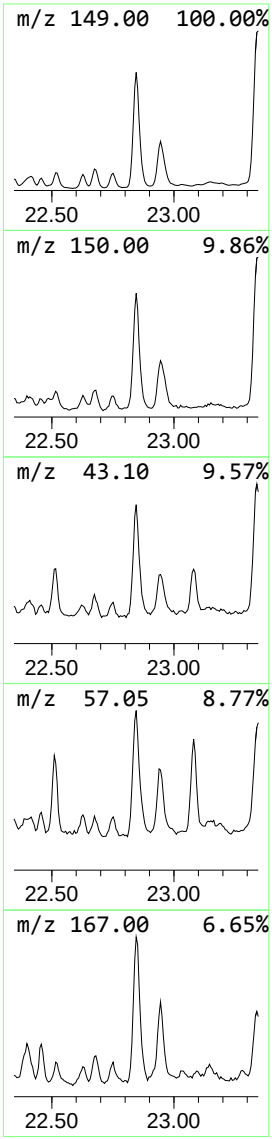
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 34 Phthalic acid, hept-3-yl no... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.845	11.52 ng/ul	4973870	Perylene-d12	23.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, hept-3-yl nonyl e...	390	C24H38O4	1000356-99-3	86
2	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	83
3	Phthalic acid, decyl nonyl ester	432	C27H44O4	1000308-89-8	80
4	Phthalic acid, dodecyl nonyl ester	460	C29H48O4	1000308-92-6	80
5	Phthalic acid, hexyl 6-methylhep...	362	C22H34O4	1000377-96-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

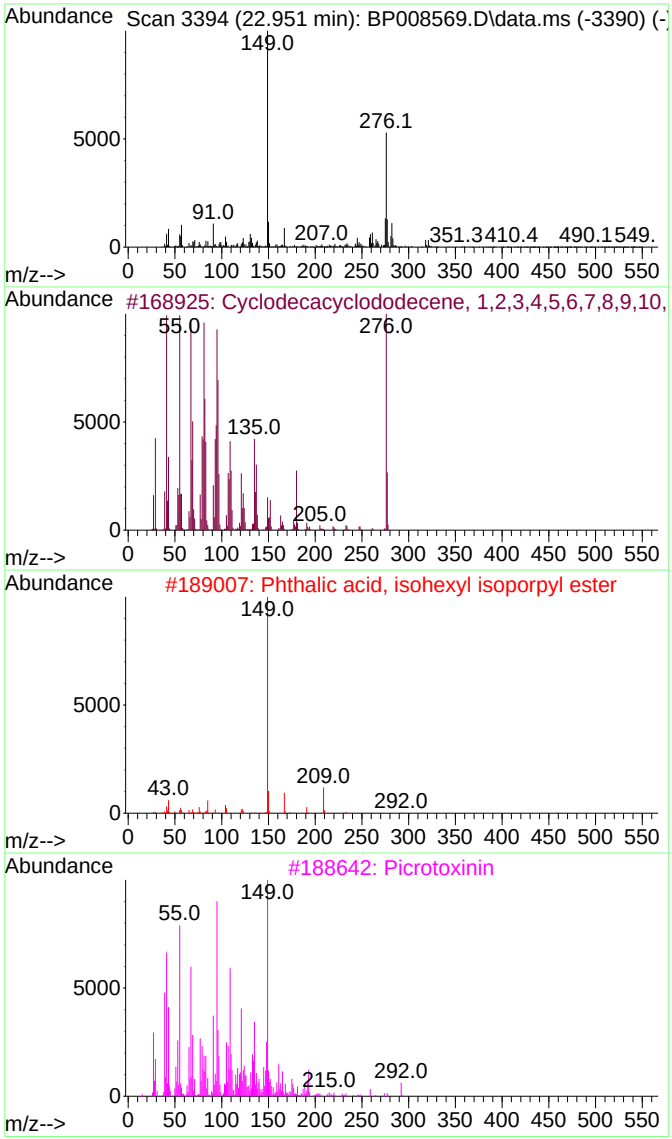
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

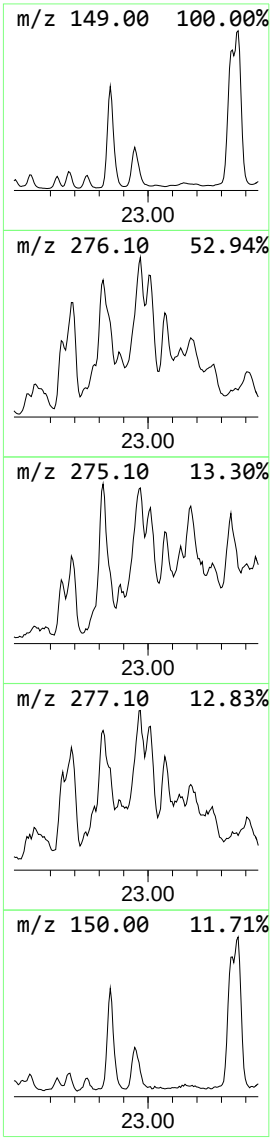
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 35 Cyclodecacyclododecene, 1,2... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.951	4.48 ng/ul	1935740	Perylene-d12	23.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecacyclododecene, 1,2,3,4,...	276	C20H36	014113-80-5	90
2	Phthalic acid, isohexyl isoporpy...	292	C17H24O4	1000315-00-4	46
3	Picrotoxinin	292	C15H16O6	017617-45-7	46
4	Phthalic acid, hexyl isoporpyl e...	292	C17H24O4	1000315-00-0	46
5	Phthalic acid, dodecyl 3-methylb...	402	C25H38O4	1000357-11-0	41





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

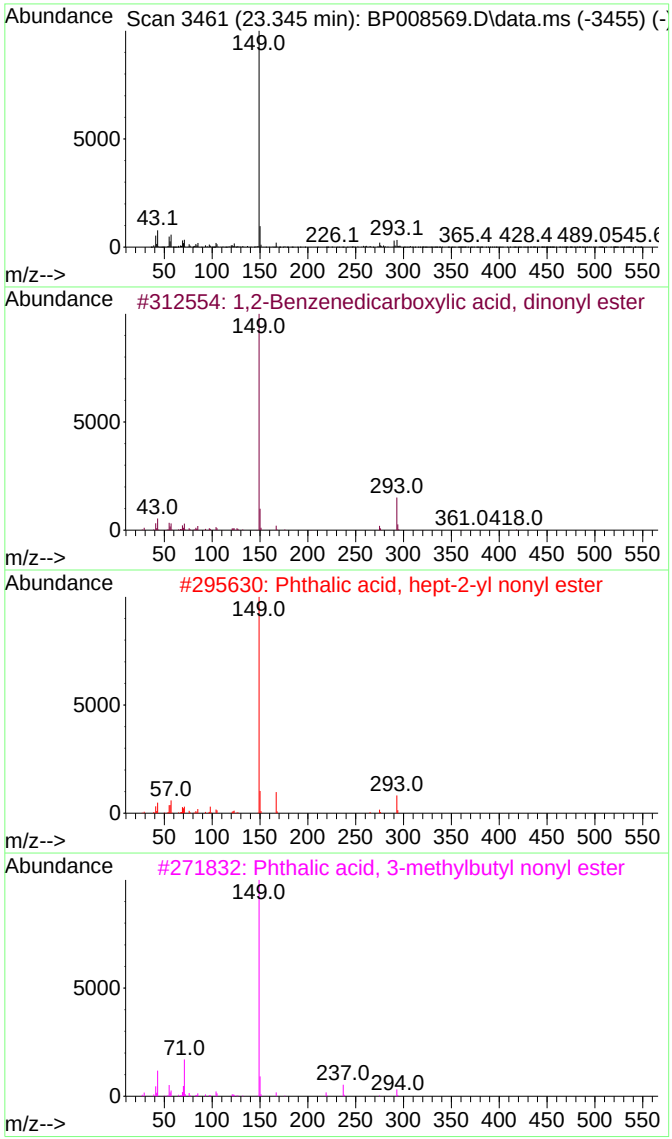
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

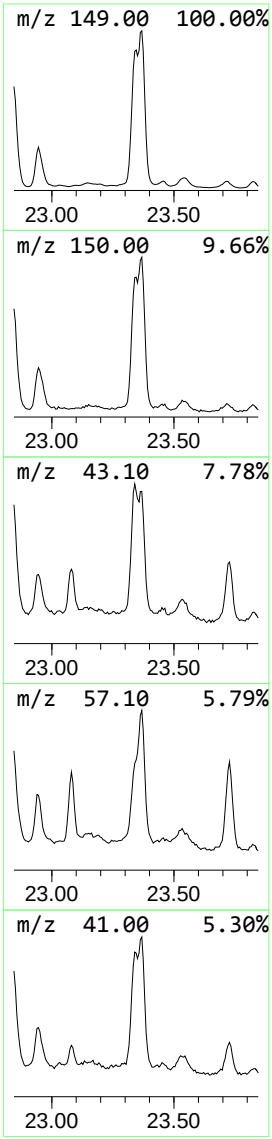
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 1,2-Benzenedicarboxylic aci... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.345	8.01 ng/ul	3456970	Perylene-d12	23.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	418	C26H42O4	000084-76-4	80
2	Phthalic acid, hept-2-yl nonyl e...	390	C24H38O4	1000356-97-6	80
3	Phthalic acid, 3-methylbutyl non...	362	C22H34O4	1000356-81-0	80
4	Didecyl phthalate	446	C28H46O4	000084-77-5	72
5	Phthalic acid, 6-ethyl-3-octyl h...	390	C24H38O4	1000315-17-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

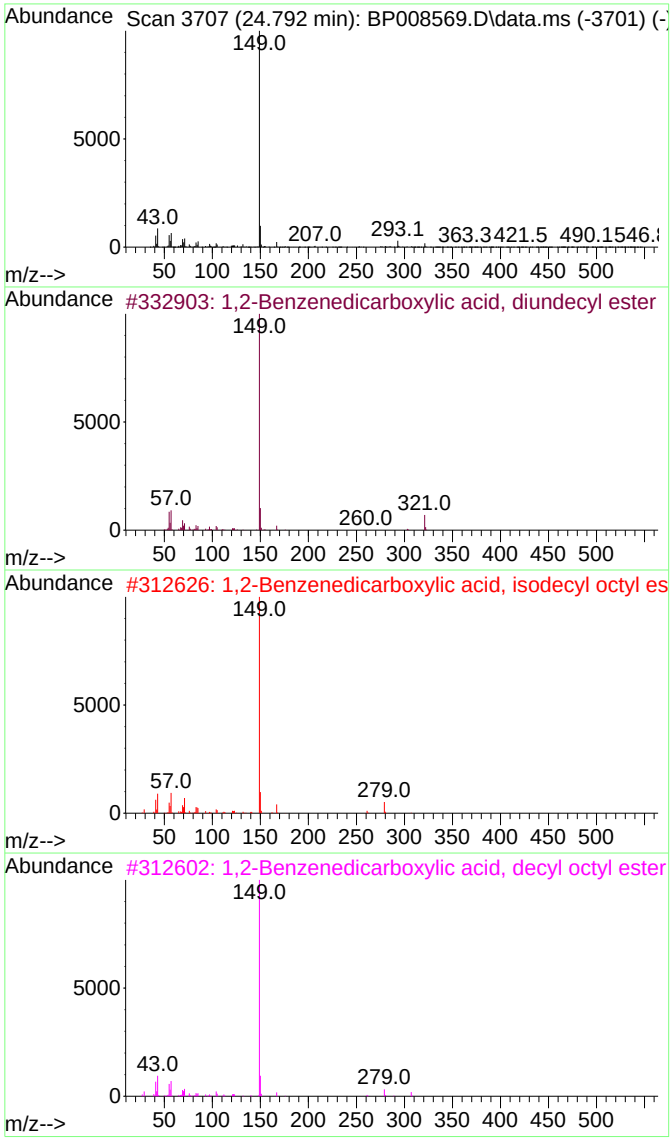
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.M
Quant Title : SVOA CALIBRATION

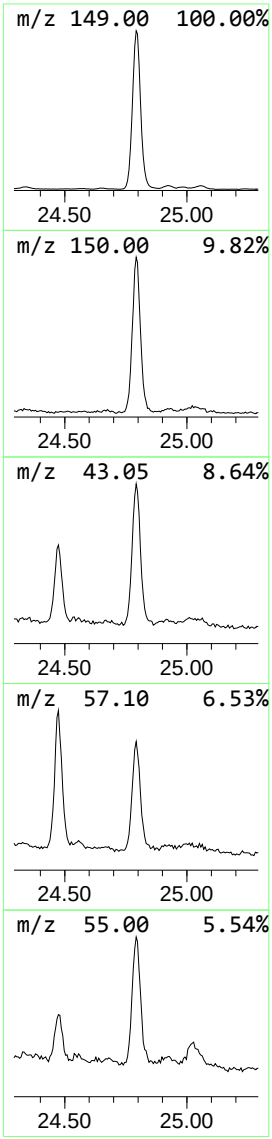
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 1,2-Benzenedicarboxylic aci... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.792	8.29 ng/ul	3578350	Perylene-d12	23.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Benzenedicarboxylic acid, di...	474	C30H50O4	003648-20-2	80
2	1,2-Benzenedicarboxylic acid, is...	418	C26H42O4	001330-96-7	80
3	1,2-Benzenedicarboxylic acid, de...	418	C26H42O4	000119-07-3	80
4	Diisodecyl phthalate	446	C28H46O4	000089-16-7	74
5	Didecyl phthalate	446	C28H46O4	000084-77-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP122721\
Data File : BP008569.D
Acq On : 27 Dec 2021 23:16
Operator : CG/JU
Sample : M5121-12MEDL 2X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGL60MEDL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP122321.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
(DEL) Alkane: C...	3.017	8.8	ng/ul	1539740	1	7.899	3514540	20.0
Butane, 2-metho...	3.093	9.9	ng/ul	1745030	1	7.899	3514540	20.0
3,7-Dimethyldib...	18.681	5.2	ng/ul	2443130	4	17.281	9469910	20.0
Phenanthrene, 3...	18.951	3.2	ng/ul	1511510	4	17.281	9469910	20.0
Phenanthrene, 2...	19.034	4.9	ng/ul	2335560	4	17.281	9469910	20.0
Benzene, 1,1'-[...	19.222	3.5	ng/ul	1632750	4	17.281	9469910	20.0
5(10H)-Pyrido[3...	19.522	2.6	ng/ul	1607540	5	21.363	12226000	20.0
Phenanthrene, 2...	19.716	4.2	ng/ul	2555970	5	21.363	12226000	20.0
butanal, 2-[2-(...	19.798	3.2	ng/ul	1977150	5	21.363	12226000	20.0
unknown-01	20.216	3.2	ng/ul	1960290	5	21.363	12226000	20.0
Pyrene, 1-methyl-	20.275	6.4	ng/ul	3902010	5	21.363	12226000	20.0
Pyrene, 2-methyl-	20.410	2.7	ng/ul	1629360	5	21.363	12226000	20.0
Pyrene, 4-methyl-	20.451	4.5	ng/ul	2717510	5	21.363	12226000	20.0
1,4-Di-(4'-meth...	20.492	3.8	ng/ul	2296040	5	21.363	12226000	20.0
9,10-Anthracene...	20.769	3.0	ng/ul	1844250	5	21.363	12226000	20.0
Octicizer	20.851	9.2	ng/ul	5627670	5	21.363	12226000	20.0
4b,5,6,12-Tetra...	20.910	2.8	ng/ul	1694540	5	21.363	12226000	20.0
o-Terphenyl	20.939	3.5	ng/ul	2140750	5	21.363	12226000	20.0
Pyrene, 1,3-dim...	20.992	7.2	ng/ul	4374900	5	21.363	12226000	20.0
Naphthalene, 2-...	21.022	5.3	ng/ul	3265140	5	21.363	12226000	20.0
6,6-Diphenylful...	21.157	2.7	ng/ul	1634940	5	21.363	12226000	20.0
4-Methoxy-15,17...	21.192	4.1	ng/ul	2486430	5	21.363	12226000	20.0
unknown-02	21.486	4.7	ng/ul	2864000	5	21.363	12226000	20.0
2-Methylbenzo[b...	21.563	3.9	ng/ul	2378810	5	21.363	12226000	20.0
Benzo[b]naphtho...	21.704	4.3	ng/ul	2651110	5	21.363	12226000	20.0
unknown-03	21.833	5.5	ng/ul	3370820	5	21.363	12226000	20.0
Phthalic acid, ...	21.886	3.9	ng/ul	2408570	5	21.363	12226000	20.0
Phthalic acid, ...	22.845	11.5	ng/ul	4973870	6	23.792	8633450	20.0
Cyclodecacyclod...	22.951	4.5	ng/ul	1935740	6	23.792	8633450	20.0
1,2-Benzenedica...	23.345	8.0	ng/ul	3456970	6	23.792	8633450	20.0
1,2-Benzenedica...	24.792	8.3	ng/ul	3578350	6	23.792	8633450	20.0