LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

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_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

Signal : TIC: BG049777.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.143	13	18	36	rVB	432640	796825	69.85%	4.047%
2	3.848	135	138	149	rBV2	35949	75728	6.64%	0.385%
3	4.177	187	194	199	rBV2	25041	42560	3.73%	0.216%
4	5.651	439	445	455	rBV2	41867	96446	8.45%	0.490%
5	6.027	503	509	515	rBV3	27698	45534	3.99%	0.231%
6	7.196	699	708	714	rBV	117845	245187	21.49%	1.245%
7	7.355	728	735	743	rBV	79933	142306	12.47%	0.723%
8	7.566	765	771	780	rVV2	118259	217652	19.08%	1.106%
9	7.649	780	785	788	rVV	27192	45166	3.96%	0.229%
10	7.678	788	790	796	rVB2	19804	25171	2.21%	0.128%
11	8.036	840	851	860	rBV	159591	292401	25.63%	1.485%
12	8.747	966	972	982	rBV	126014	233155	20.44%	1.184%
13	8.871	988	993	999	rVB4	17127	33652	2.95%	0.171%
14	9.205	1043	1050	1056	rVV	124985	242075	21.22%	1.230%
15	9.264	1056	1060	1067	rVB2	39416	63160	5.54%	0.321%
16	9.934	1166	1174	1184	rBV2	123551	241929	21.21%	1.229%
17	10.480	1260	1267	1274	rVV	159462	294047	25.78%	1.494%
18	10.551	1274	1279	1284	rVB2	12326	20684	1.81%	0.105%
19	10.615	1284	1290	1301	rVB	123340	221707	19.43%	1.126%
20	10.815	1319	1324	1326	rVV2	49642	77643	6.81%	0.394%
21	10.856	1326	1331	1336	rVV	224071	407272	35.70%	2.069%
22	10.909	1336	1340	1347	rVB	106834	182076	15.96%	0.925%
23	10.991	1347	1354	1364	rVB4	79100	165028	14.47%	0.838%
24	11.761	1479	1485	1491	rVB6	13424	20777	1.82%	0.106%
25	11.867	1491	1503	1509	rBV3	31750	63720	5.59%	0.324%
26	12.260	1565	1570	1577	rVB3	64874	97562	8.55%	0.496%
27	12.513	1607	1613	1620	rVB	125795	211185	18.51%	1.073%
28	12.730	1644	1650	1658	rVB	54040	97288	8.53%	0.494%
29	12.953	1681	1688	1693	rBV9	15225	32081	2.81%	0.163%
30	13.212	1728	1732	1738	rVB3	21466	33200	2.91%	0.169%
31	13.500	1775	1781	1791	rBV2	97512	198491	17.40%	1.008%
32	13.852	1835	1841	1842	rBV2	48986	72289	6.34%	0.367%
33	14.011	1862	1868	1872	rVV	72924	133671	11.72%	0.679%
34	14.087	1872	1881	1888	rVB	308547	556702	48.80%	2.828%
35	14.152	1888	1892	1896	rBB4	26303	31465	2.76%	0.160%
36	14.246	1903	1908	1911	rBV2	27261	41938	3.68%	0.213%

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Sample : M3182-11
Misc :
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Instrument : BNA_G
ClientSampleId : C00C9

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_G\METHODS\SFAM-EPA-BG080421.M
Title : SVOA CALIBRATION

37	14.381	1925	1931	1944	rVB	316302	569478	49.92%	2.893%
38	14.569	1958	1963	1968	rVB	91518	124815	10.94%	0.634%
39	14.686	1972	1983	1989	rBV2	343289	637414	55.88%	3.238%
40	14.768	1993	1997	2001	rVB4	26283	42002	3.68%	0.213%
41	14.898	2013	2019	2027	rBV3	126202	235772	20.67%	1.198%
42	14.980	2029	2033	2037	rVV5	14966	22298	1.95%	0.113%
43	15.086	2046	2051	2056	rVB2	75662	121832	10.68%	0.619%
44	15.162	2059	2064	2073	rBV2	33090	57846	5.07%	0.294%
45	15.309	2083	2089	2093	rBV3	27091	47865	4.20%	0.243%
46	15.356	2093	2097	2101	rVB	39250	52305	4.59%	0.266%
47	15.479	2112	2118	2120	rBV4	26306	42448	3.72%	0.216%
48	15.520	2120	2125	2130	rVB	118740	157735	13.83%	0.801%
49	15.685	2143	2153	2158	rBV	393270	643380	56.40%	3.268%
50	15.802	2169	2173	2179	rVB	119728	184757	16.20%	0.938%
51	15.932	2187	2195	2197	rBV8	20733	48901	4.29%	0.248%
52	16.026	2204	2211	2217	rVB3	56836	109631	9.61%	0.557%
53	16.178	2233	2237	2247	rVV	39025	83069	7.28%	0.422%
54	16.266	2249	2252	2258	rVB2	27637	40945	3.59%	0.208%
55	16.384	2268	2272	2275	rBV	110694	154159	13.51%	0.783%
56	16.748	2324	2334	2338	rBV8	26607	59106	5.18%	0.300%
57	16.889	2355	2358	2362	rVB5	27849	37526	3.29%	0.191%
58	16.965	2366	2371	2375	rBV5	43374	81798	7.17%	0.415%
59	17.095	2387	2393	2400	rBV2	89086	161295	14.14%	0.819%
60	17.177	2401	2407	2412	rVV2	150897	235304	20.63%	1.195%
61	17.224	2412	2415	2418	rVV4	21361	34255	3.00%	0.174%
62	17.259	2419	2421	2428	rVB3	27780	35810	3.14%	0.182%
63	17.441	2445	2452	2456	rBV	397463	643588	56.42%	3.269%
64	17.482	2456	2459	2464	rVB	273149	369624	32.40%	1.877%
65	17.541	2464	2469	2474	rBV	386833	569414	49.92%	2.892%
66	17.753	2501	2505	2514	rVB3	71650	122048	10.70%	0.620%
67	17.870	2523	2525	2529	rBV4	13871	22836	2.00%	0.116%
68	17.917	2529	2533	2538	rVB	124178	158082	13.86%	0.803%
69	18.023	2547	2551	2559	rVB2	55664	96184	8.43%	0.489%
70	18.093	2559	2563	2566	rBV2	32850	47676	4.18%	0.242%
71	18.129	2566	2569	2573	rVB2	24535	30735	2.69%	0.156%
72	18.317	2596	2601	2605	rBV	135087	204943	17.97%	1.041%
73	18.364	2605	2609	2615	rVB	194850	301316	26.41%	1.530%
74	18.505	2629	2633	2638	rBV2	101152	184431	16.17%	0.937%
75	18.552	2638	2641	2645	rVB	88185	110621	9.70%	0.562%
76	18.610	2646	2651	2657	rBV2	131114	192006	16.83%	0.975%

LSC Area Percent Report

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Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Title : SVOA CALIBRATION

77	18.663	2657	2660	2664	rBV4	26425	39006	3.42%	0.198%
78	18.810	2681	2685	2690	rBV	128682	188371	16.51%	0.957%
79	19.110	2732	2736	2739	rBV2	39995	55677	4.88%	0.283%
80	19.145	2740	2742	2746	rVB	30602	34106	2.99%	0.173%
81	19.233	2752	2757	2761	rBV2	184107	311914	27.34%	1.584%
82	19.321	2769	2772	2776	rVB2	55117	70099	6.14%	0.356%
83	19.368	2776	2780	2788	rBV5	42638	97304	8.53%	0.494%
84	19.497	2796	2802	2807	rVB	505996	753942	66.09%	3.829%
85	19.550	2807	2811	2815	rBV	60614	93598	8.20%	0.475%
86	19.638	2824	2826	2829	rBV2	21172	23989	2.10%	0.122%
87	19.826	2852	2858	2861	rBV2	513678	897201	78.65%	4.557%
88	19.856	2861	2863	2870	rVV	380318	552861	48.46%	2.808%
89	19.926	2871	2875	2880	rVB2	71635	121892	10.69%	0.619%
90	20.167	2912	2916	2918	rBV3	65244	103982	9.12%	0.528%
91	20.343	2943	2946	2953	rVB	167706	229542	20.12%	1.166%
92	20.443	2960	2963	2967	rBV	59780	83946	7.36%	0.426%
93	20.643	2995	2997	3000	rBV	36960	44425	3.89%	0.226%
94	20.837	3027	3030	3035	rVB	59556	76648	6.72%	0.389%
95	21.113	3073	3077	3082	rVB	123296	173671	15.22%	0.882%
96	21.348	3113	3117	3122	rBV3	117056	162718	14.26%	0.826%
97	21.724	3173	3181	3186	rBV2	454388	1140762	100.00%	5.794%
98	23.962	3555	3562	3570	rBV2	166110	529174	46.39%	2.688%
99	24.778	3695	3701	3707	rBV	170466	387696	33.99%	1.969%
100	25.008	3731	3740	3748	rBV	234830	642309	56.31%	3.262%

Sum of corrected areas: 19687856

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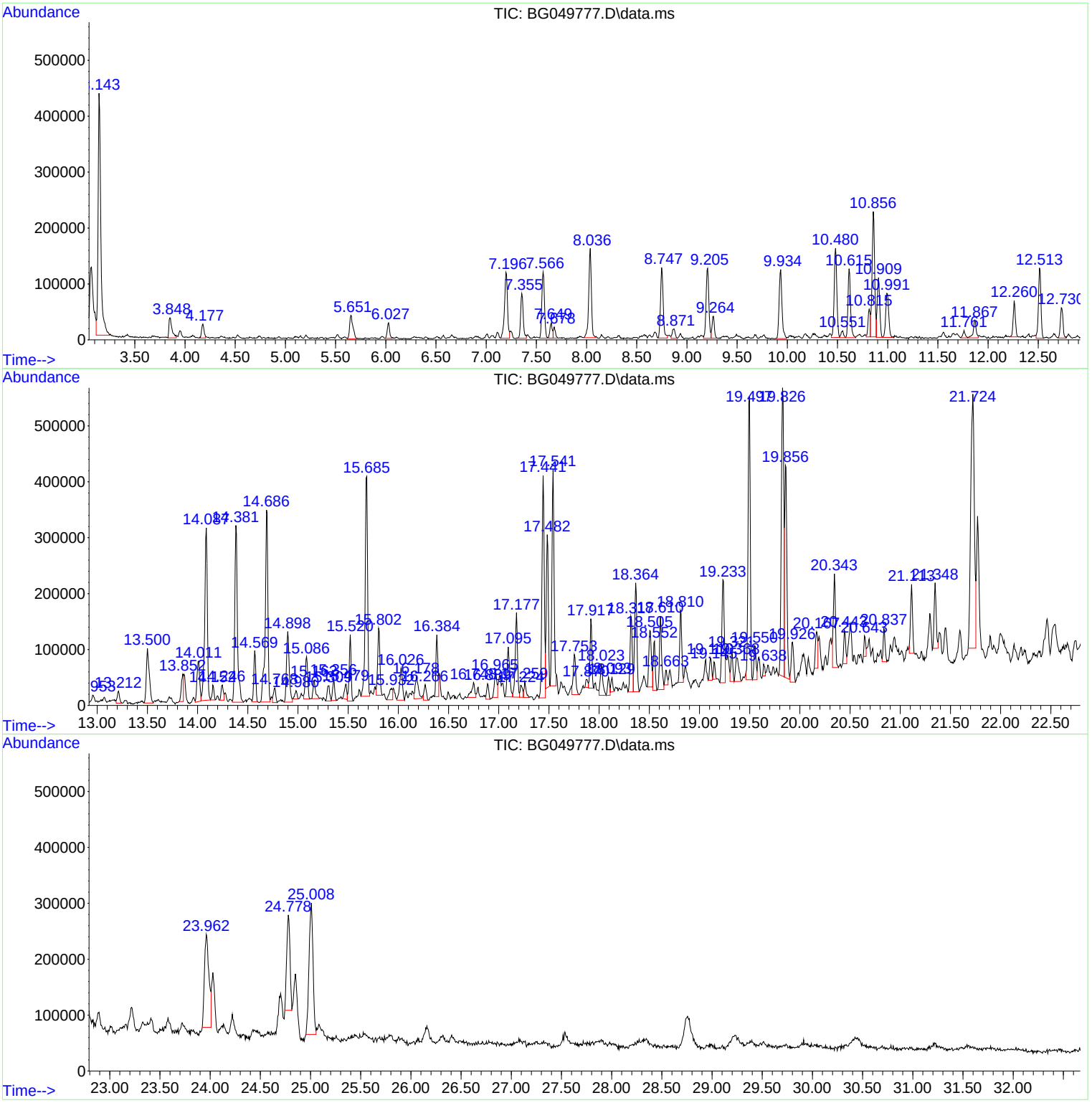
Instrument :
BNA_G
ClientSampleId :
C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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



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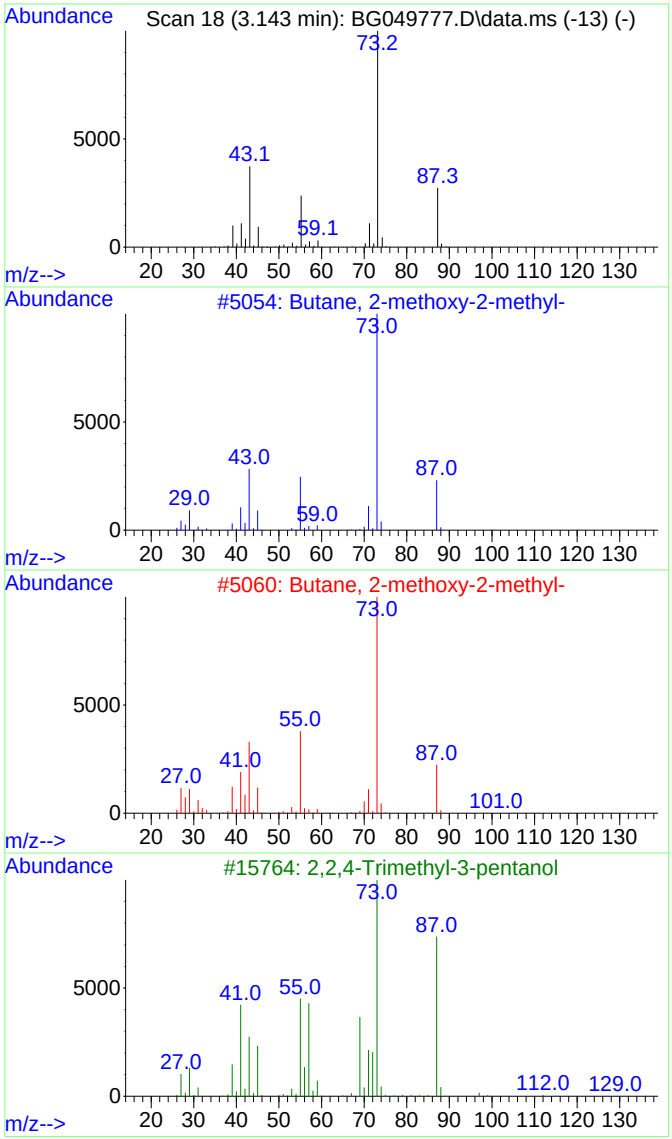
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

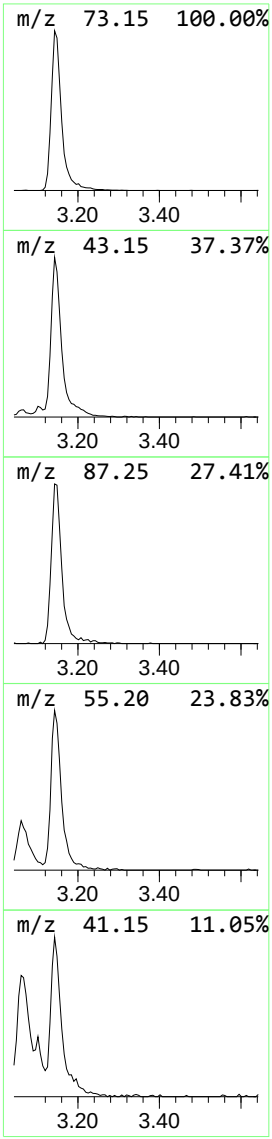
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.143	54.50 ng/ul	796825	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	64
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	17





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ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

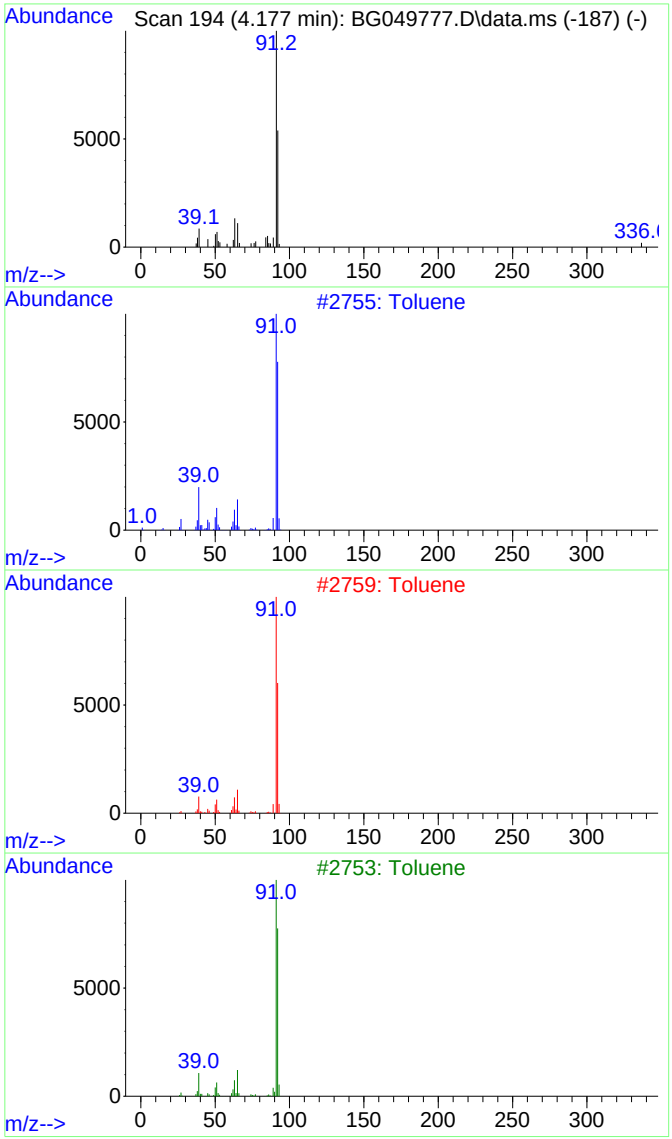
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

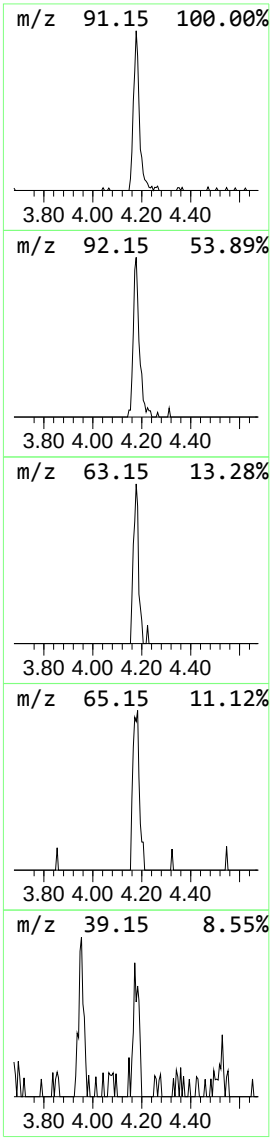
****

Peak Number 2 Toluene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.177	2.91 ng/ul	42560	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	81
2	Toluene	92	C7H8	000108-88-3	74
3	Toluene	92	C7H8	000108-88-3	64
4	Toluene	92	C7H8	000108-88-3	64
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	59





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Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

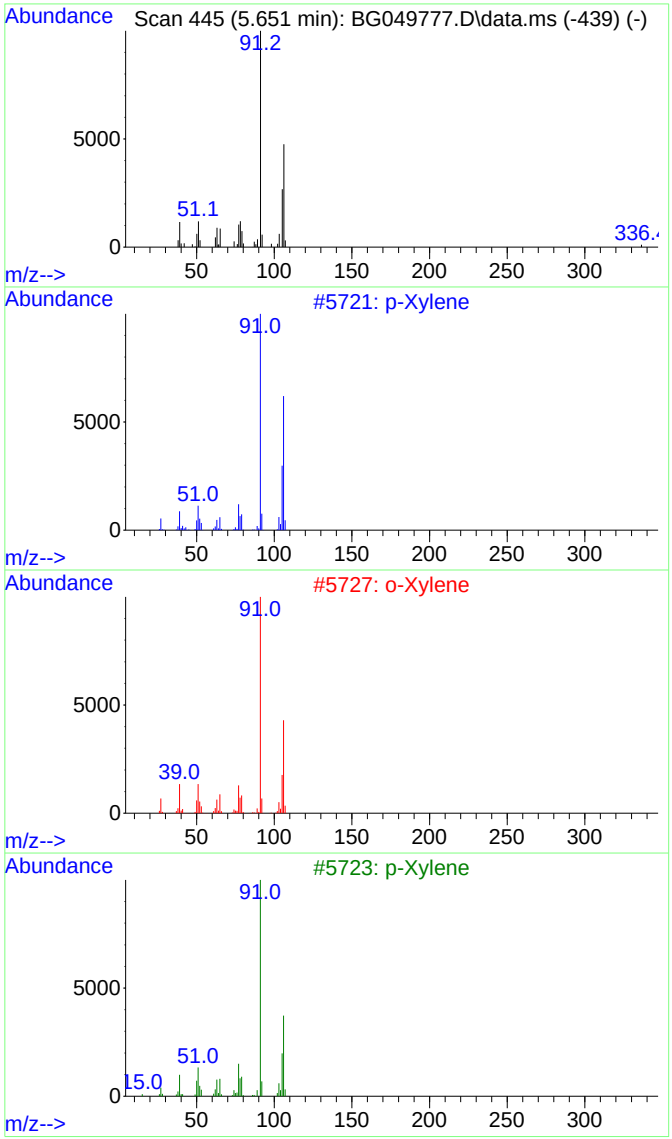
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

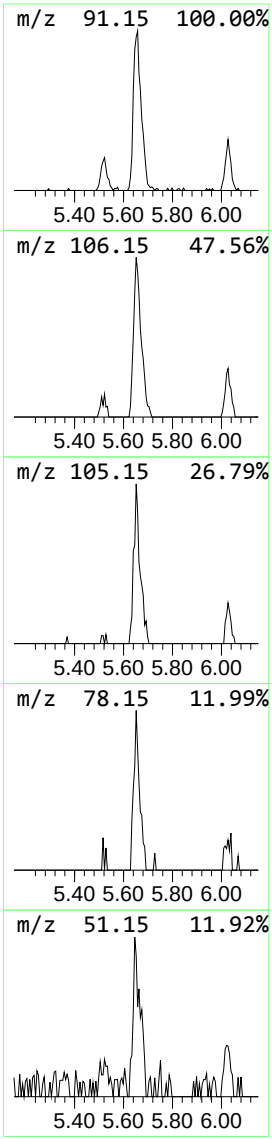
****

Peak Number 3 p-Xylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.651	6.60 ng/ul	96446	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	90
2	o-Xylene	106	C8H10	000095-47-6	87
3	p-Xylene	106	C8H10	000106-42-3	87
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81
5	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	81





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

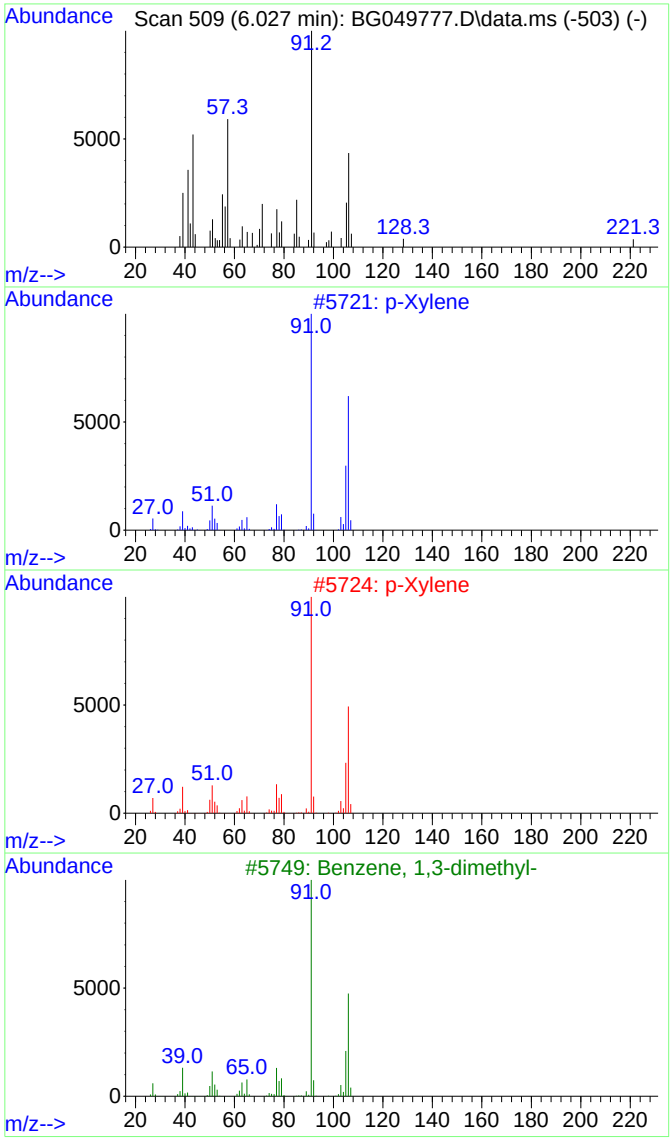
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

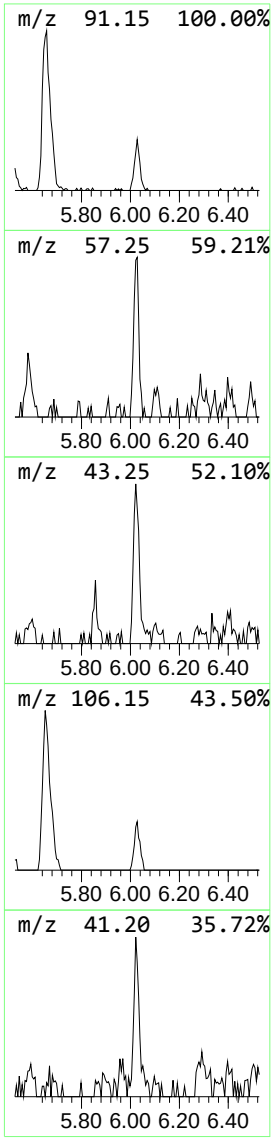
****

Peak Number 4 Benzene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.027	3.11 ng/ul	45534	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	60
2	p-Xylene	106	C8H10	000106-42-3	60
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	60
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	60
5	p-Xylene	106	C8H10	000106-42-3	60





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

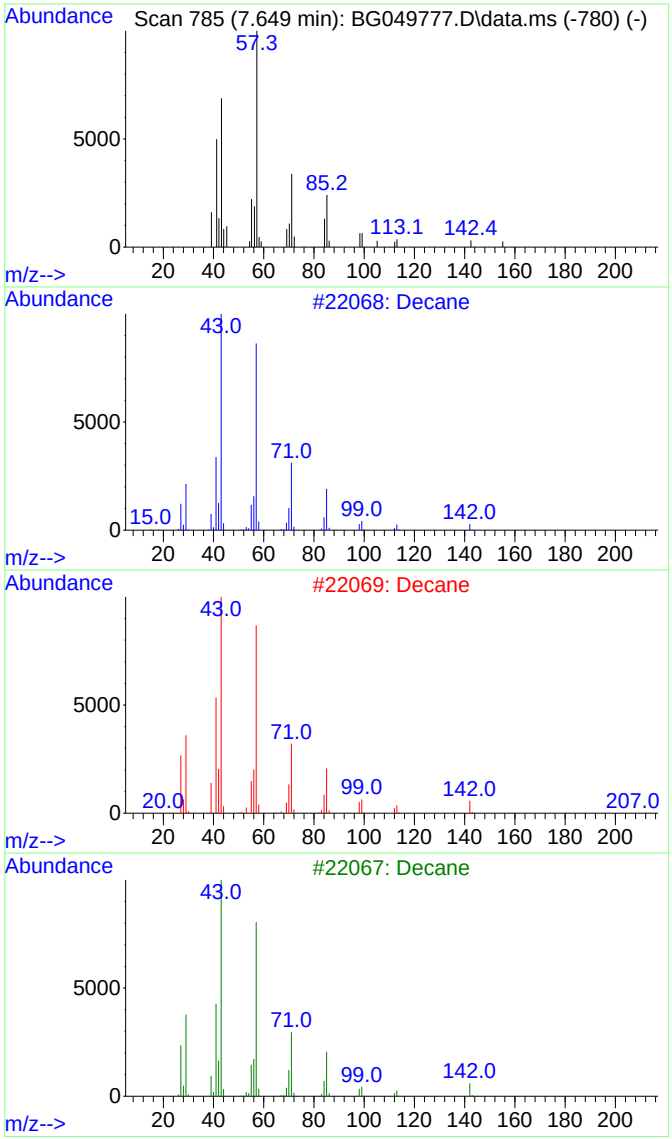
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

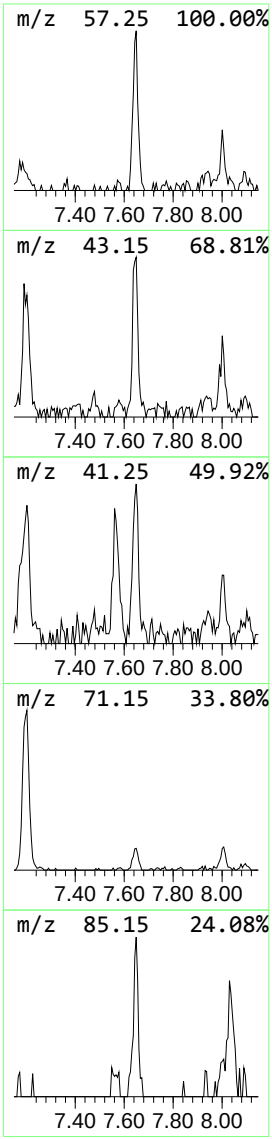
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.649	3.09 ng/ul	45166	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	91
2	Decane	142	C10H22	000124-18-5	72
3	Decane	142	C10H22	000124-18-5	72
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5	Oxalic acid, 6-ethyloct-3-yl iso...	286	C16H30O4	1010309-34-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

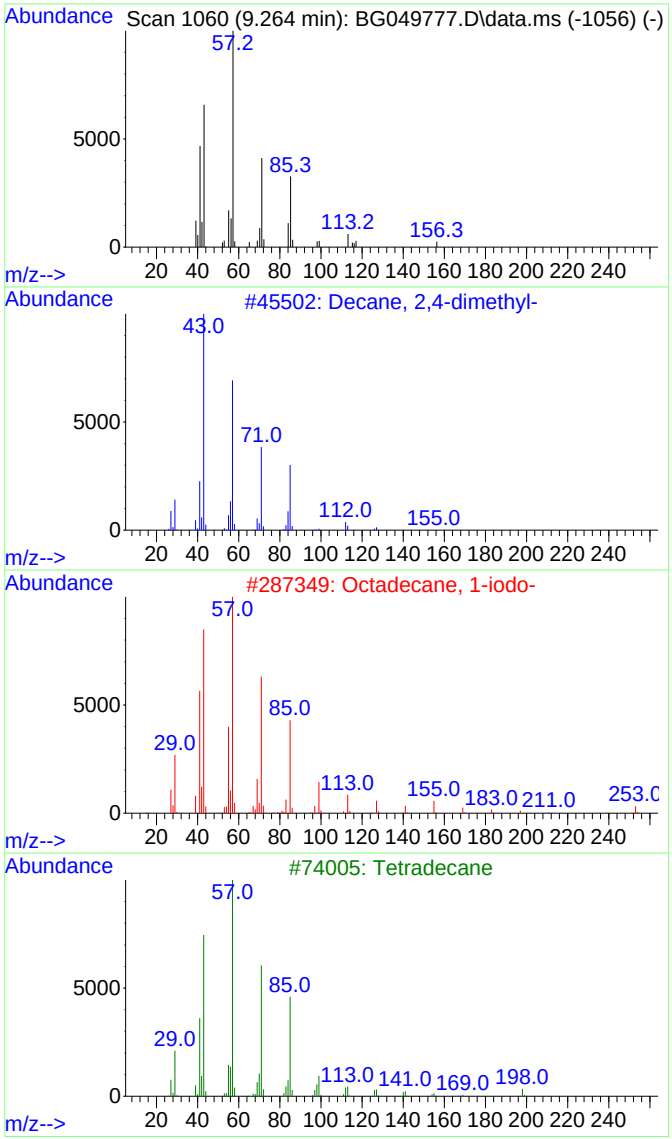
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

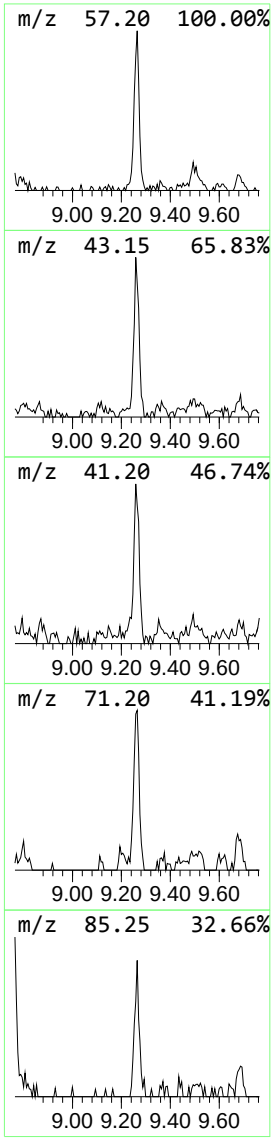
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.264	4.32 ng/ul	63160	1,4-Dichlorobenzene-d4	8.036

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2,4-dimethyl-	170	C12H26	002801-84-5	72
2	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	72
3	Tetradecane	198	C14H30	000629-59-4	72
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5	Pentadecane	212	C15H32	000629-62-9	64





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

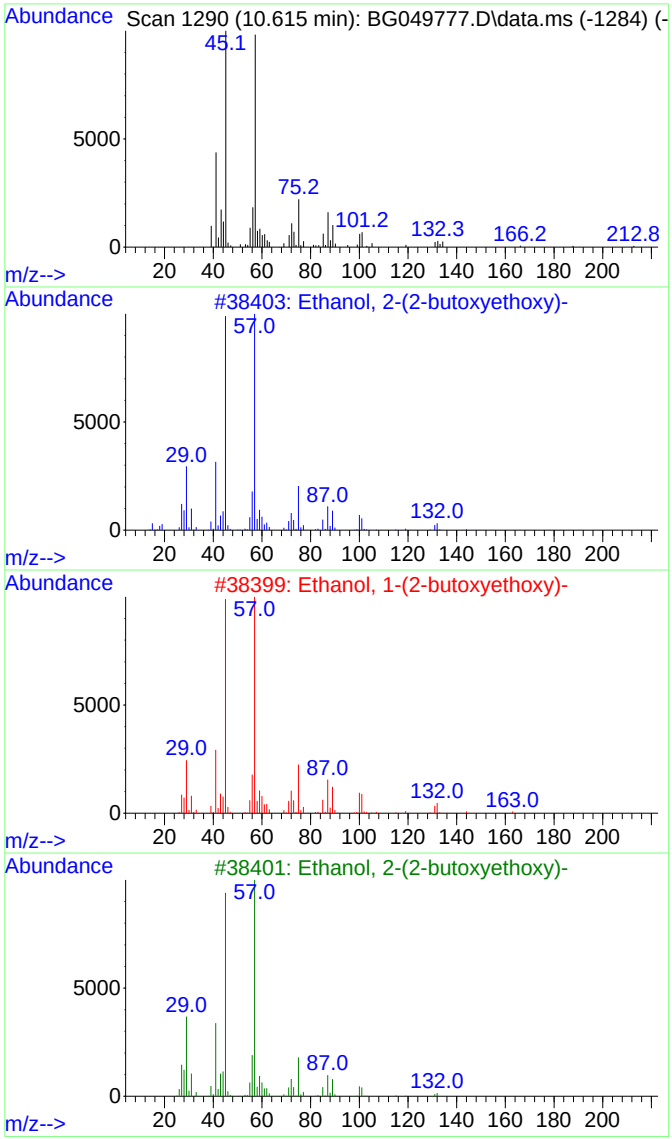
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

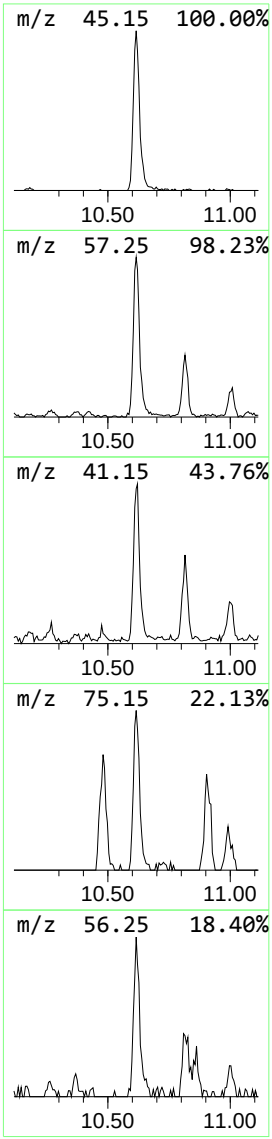
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.615	10.89 ng/ul	221707	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	64





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

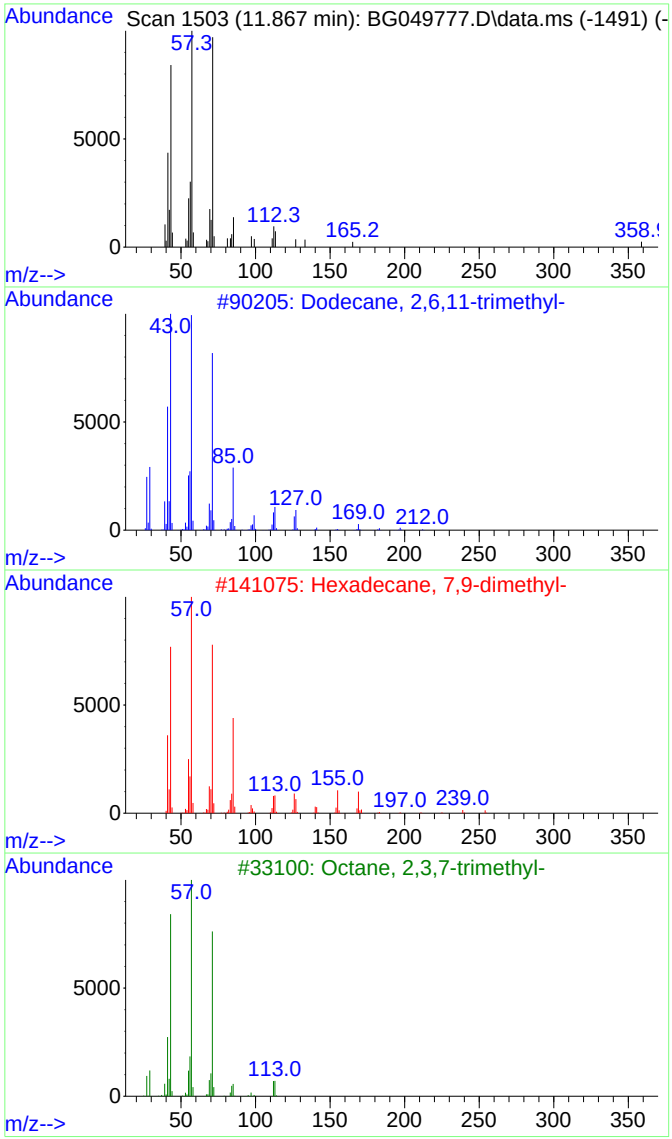
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

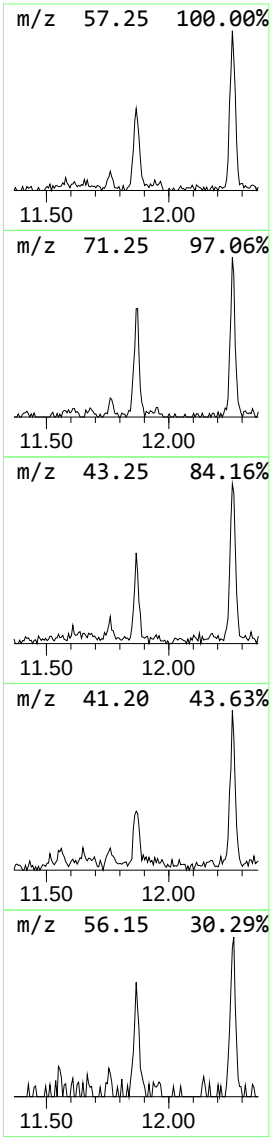
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.867	3.13 ng/ul	63720	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	64
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	64
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	59
5	Octane, 3-ethyl-	142	C10H22	005881-17-4	59





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

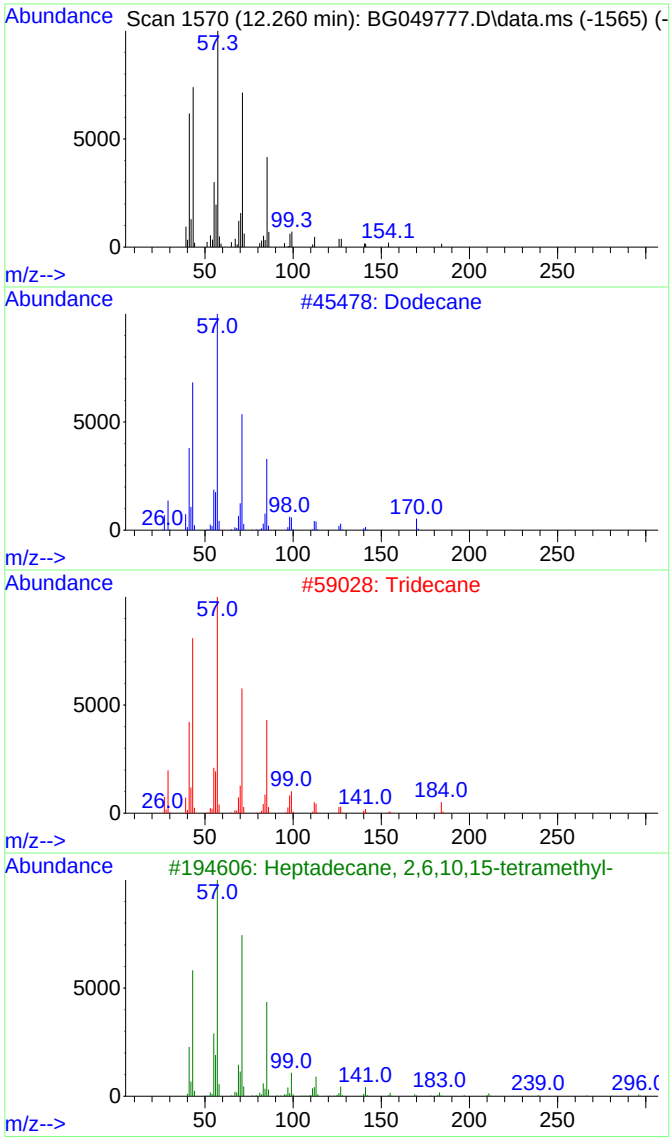
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

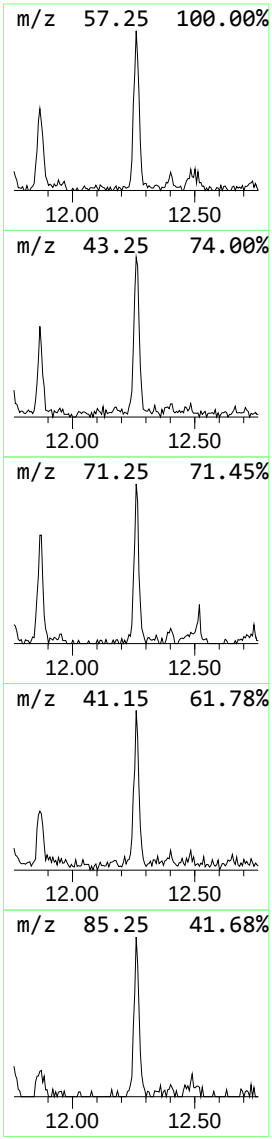
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.260	4.79 ng/ul	97562	Naphthalene-d8	10.856

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	83
2	Tridecane	184	C13H28	000629-50-5	83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Carbonic acid, tridecyl vinyl ester	270	C16H30O3	1000382-54-7	78
5	Tetradecane	198	C14H30	000629-59-4	78





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

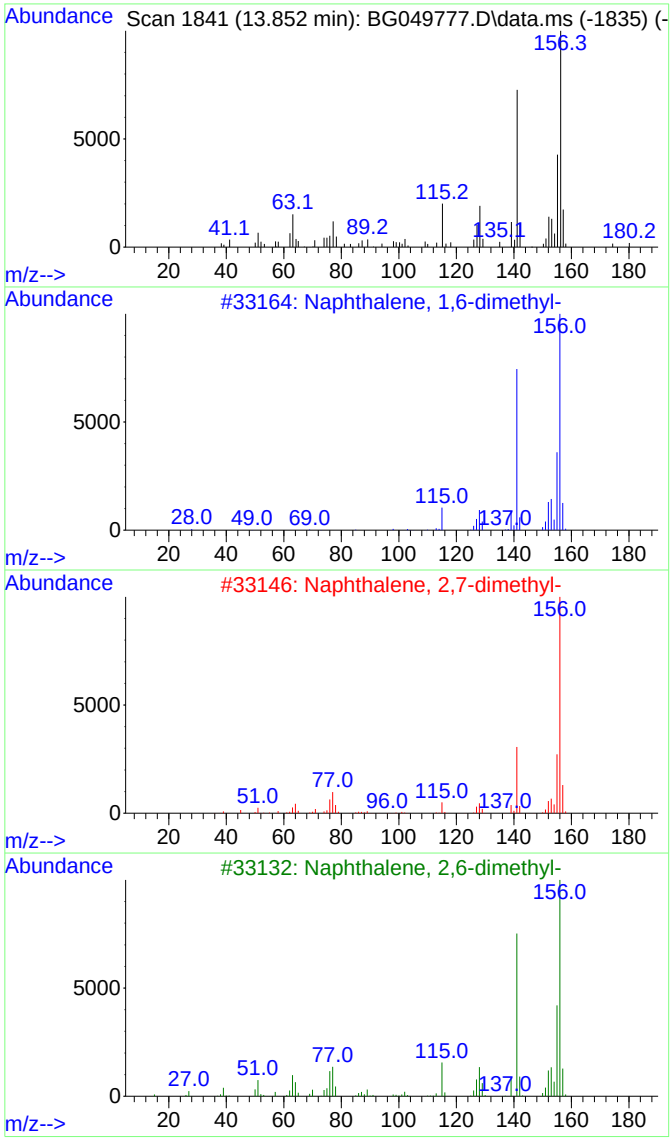
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

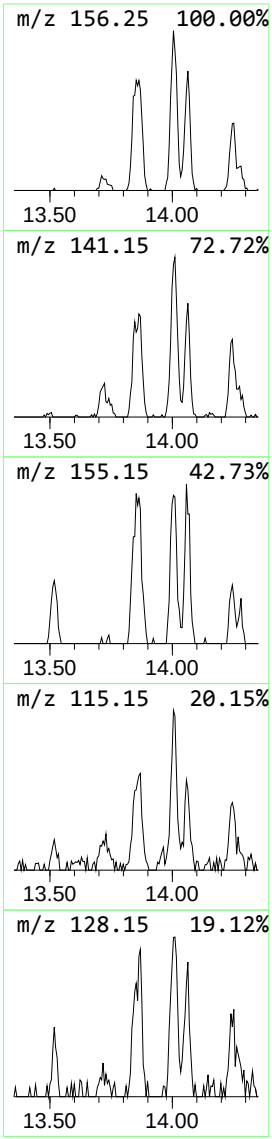
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.852	2.27 ng/ul	72289	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

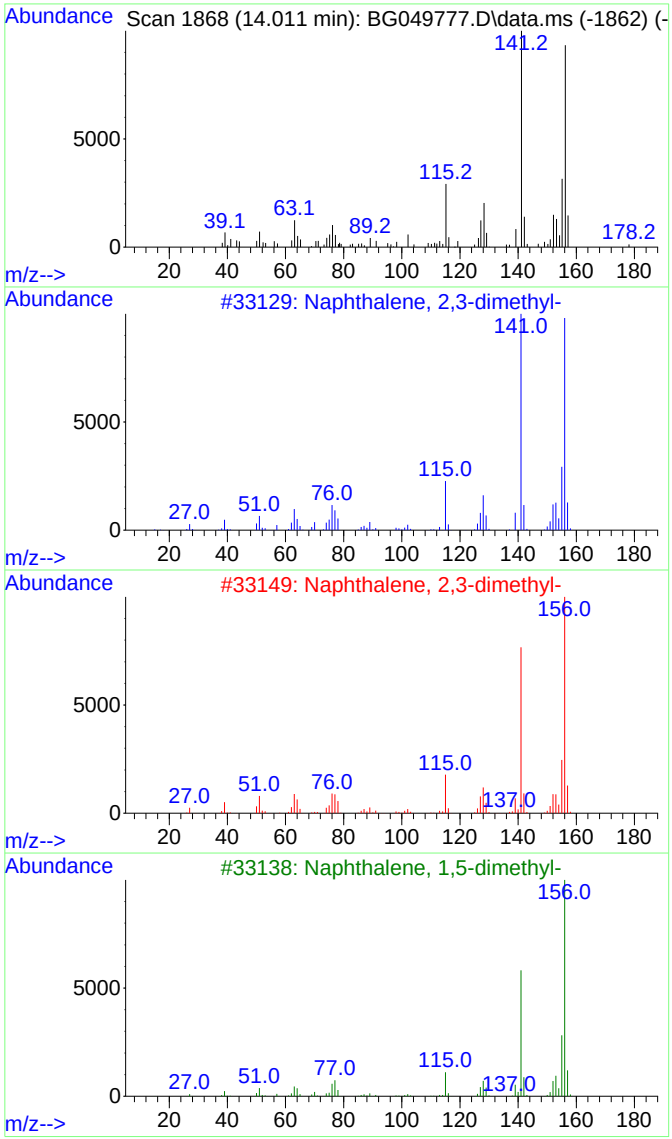
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

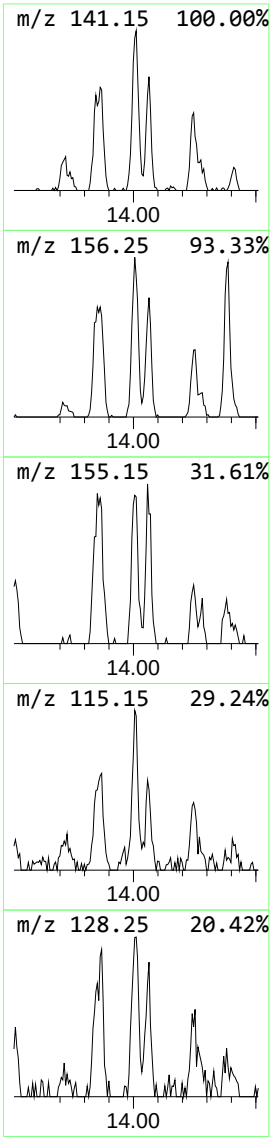
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.011	4.19 ng/ul	133671	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

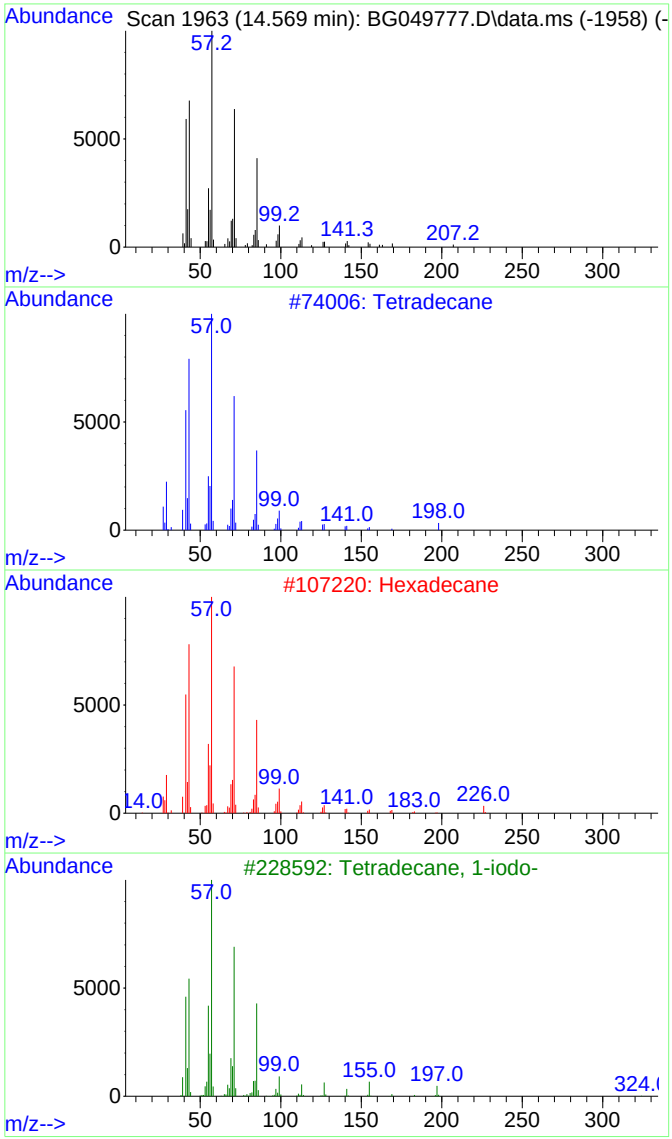
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

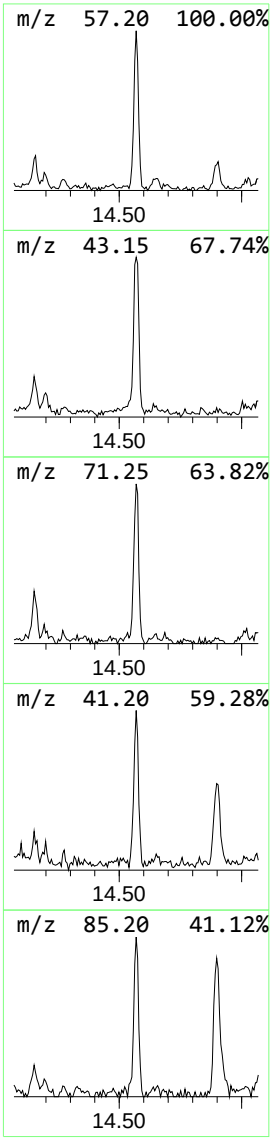
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.569	3.92 ng/ul	124815	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	87
4	Hexadecane	226	C16H34	000544-76-3	87
5	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	87





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

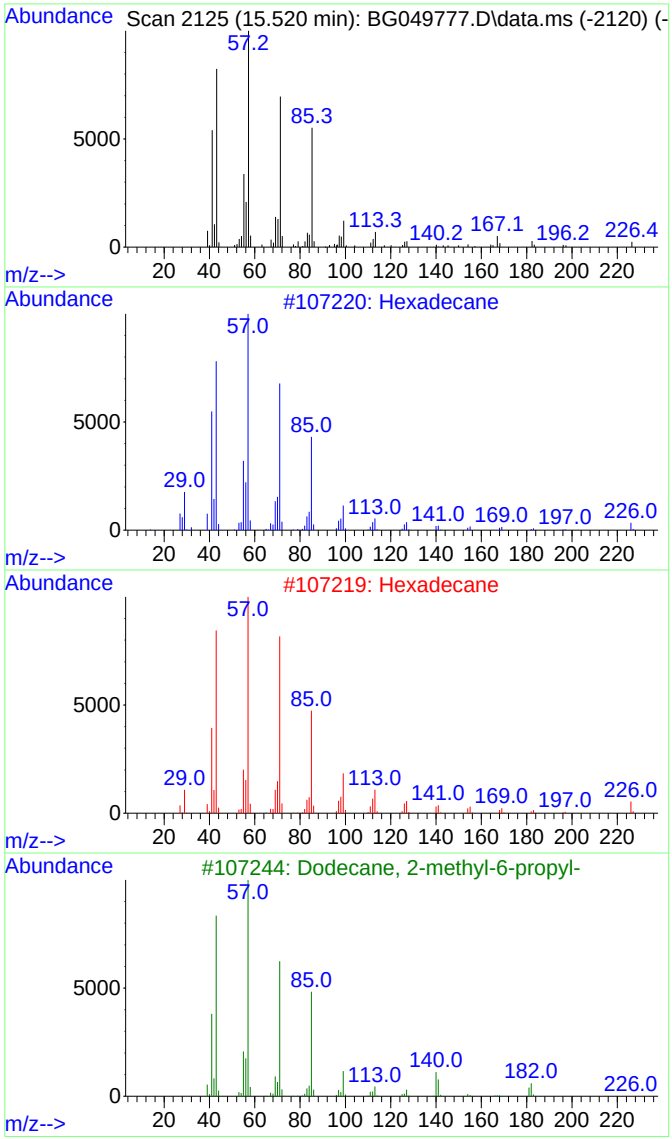
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

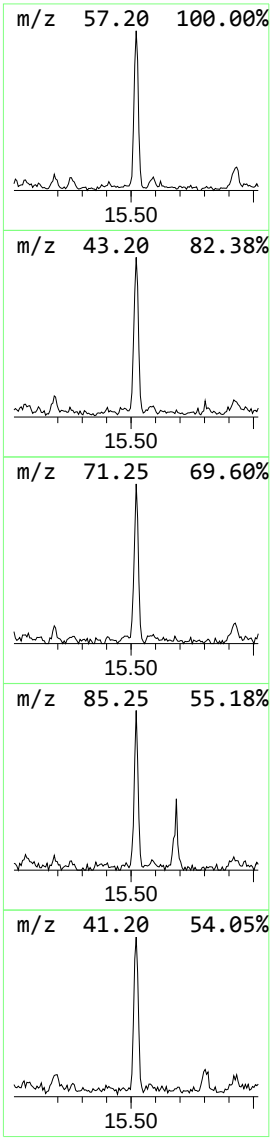
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.520	4.95 ng/ul	157735	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Hexadecane	226	C16H34	000544-76-3	76





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

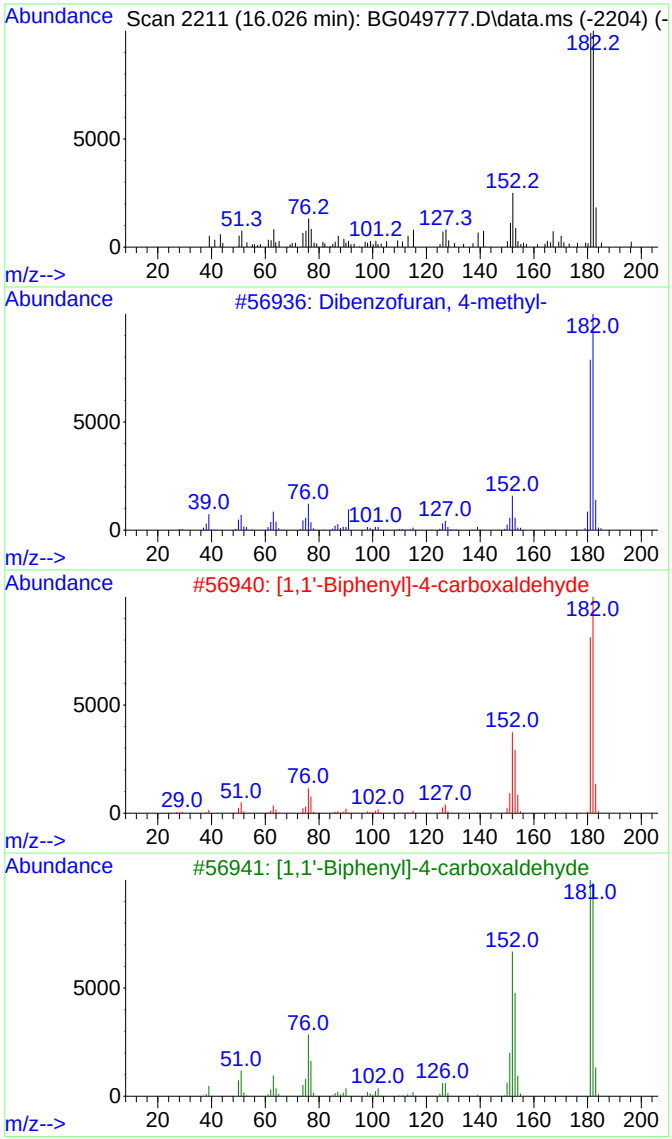
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

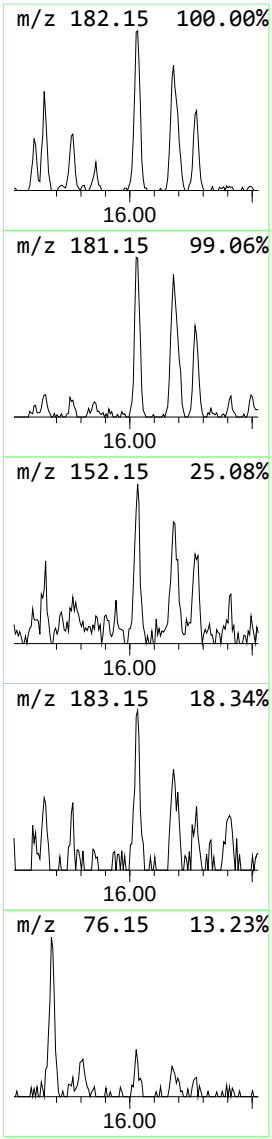
****

Peak Number 14 Dibenzofuran, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.026	3.44 ng/ul	109631	Acenaphthene-d10	14.686

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





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Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

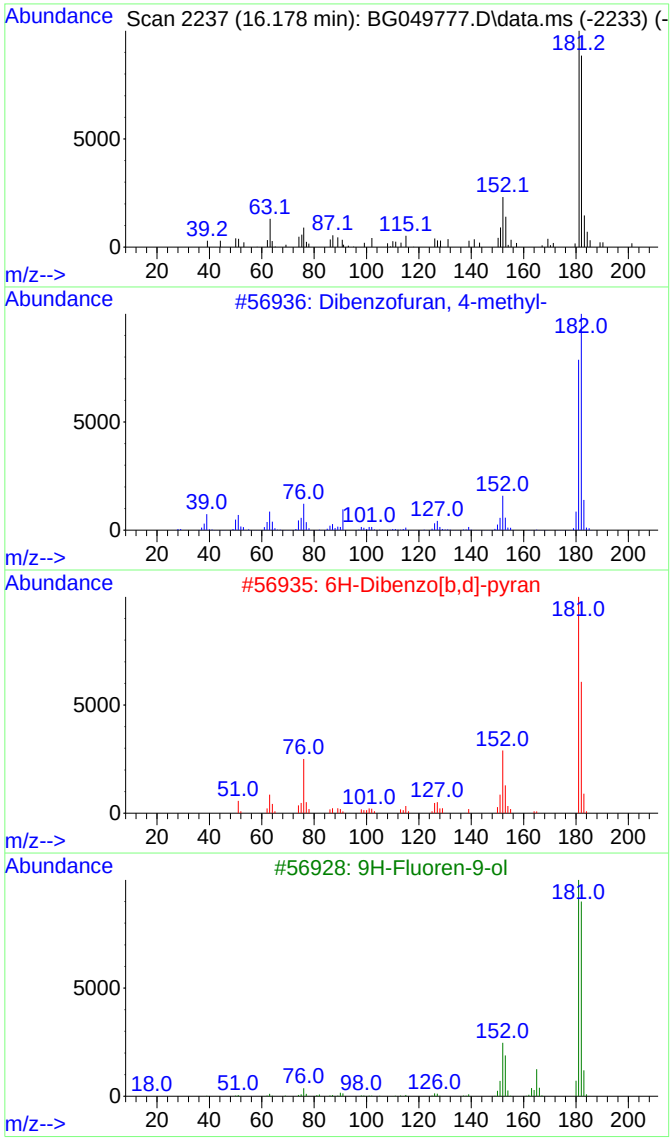
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

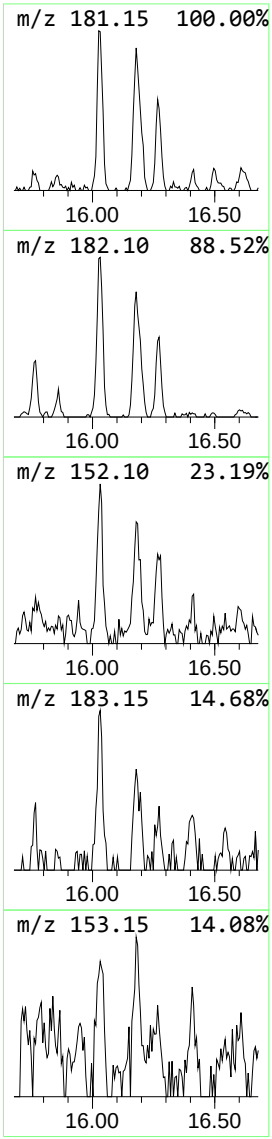
****

Peak Number 15 6H-Dibenzo[b,d]-pyran Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.178	2.58 ng/ul	83069	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	83





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Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

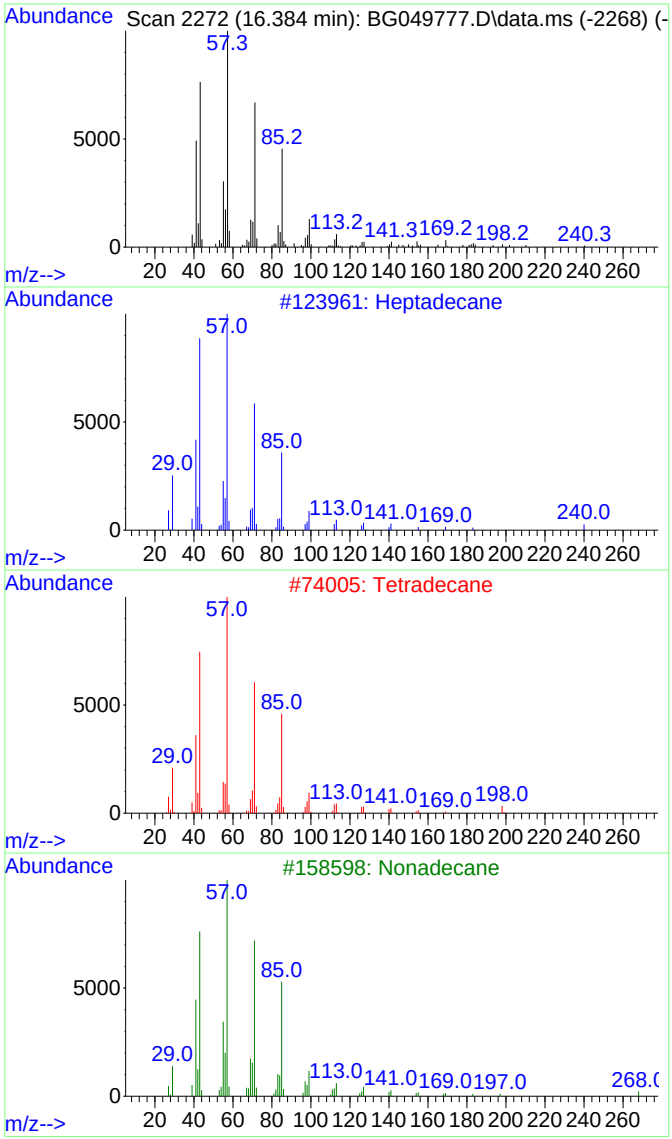
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

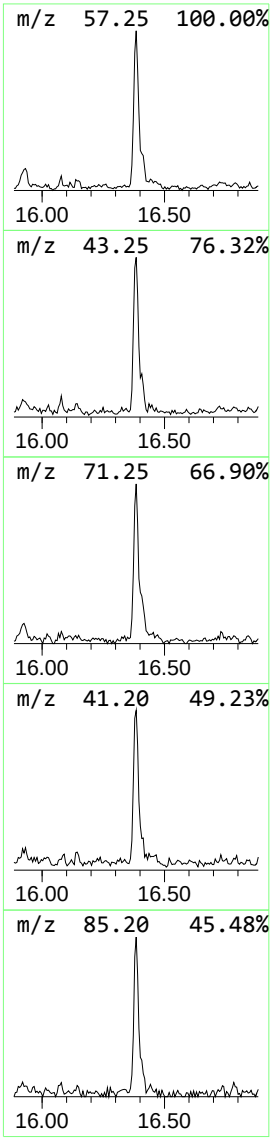
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.384	4.79 ng/ul	154159	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Tetradecane	198	C14H30	000629-59-4	91
3	Nonadecane	268	C19H40	000629-92-5	91
4	Nonadecane	268	C19H40	000629-92-5	87
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

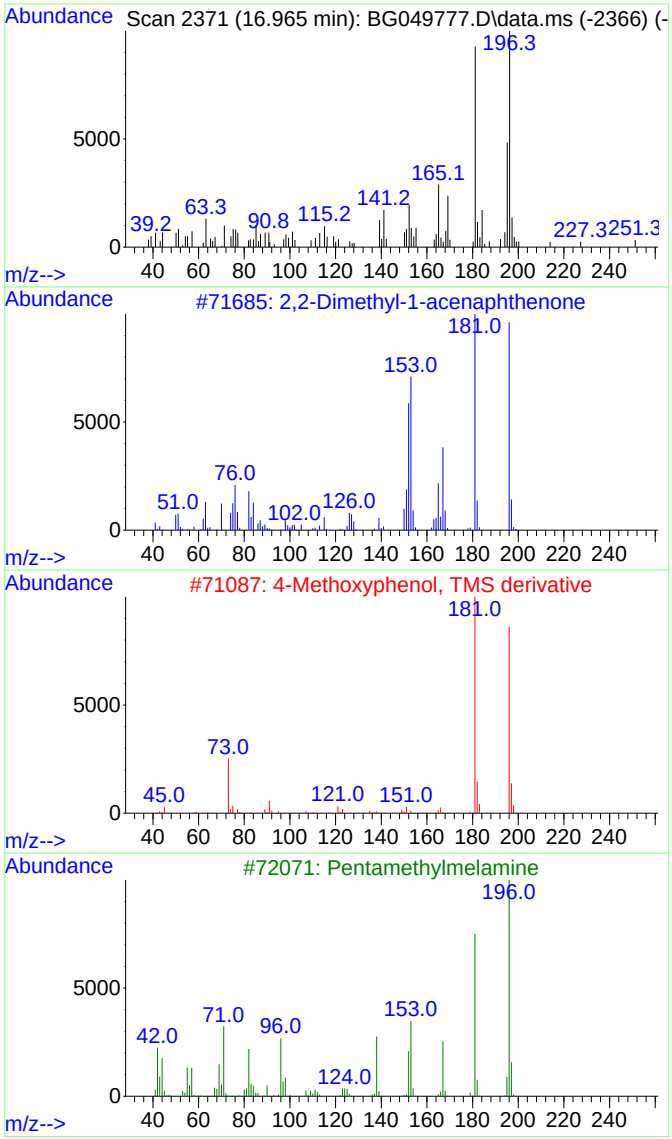
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

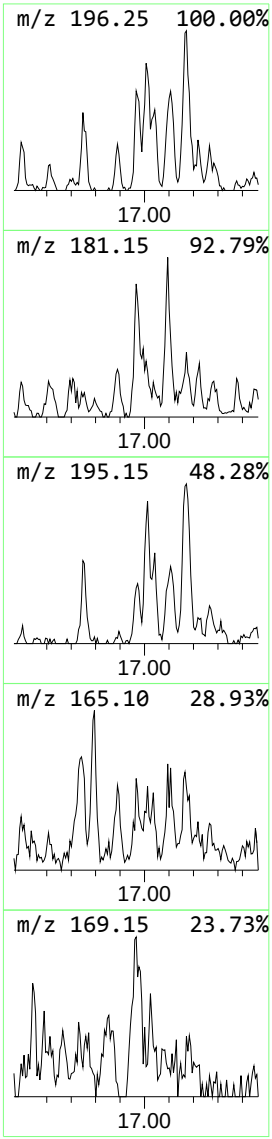
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 2,2-Dimethyl-1-acenaphthenone Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.965	2.54 ng/ul	81798	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
2	4-Methoxyphenol, TMS derivative	196	C10H16O2Si	006689-38-9	53
3	Pentamethylmelamine	196	C8H16N6	035832-09-8	52
4	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	52
5	2'-Hydroxy-3',4'-dimethoxyacetop...	196	C10H12O4	1000433-07-2	49





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

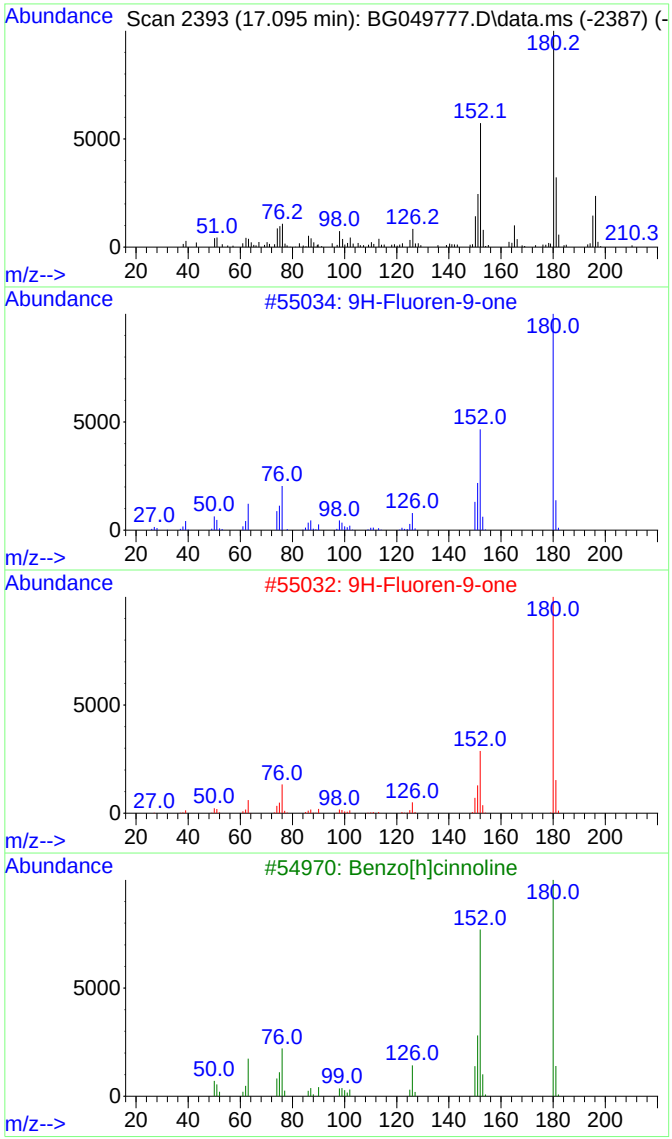
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

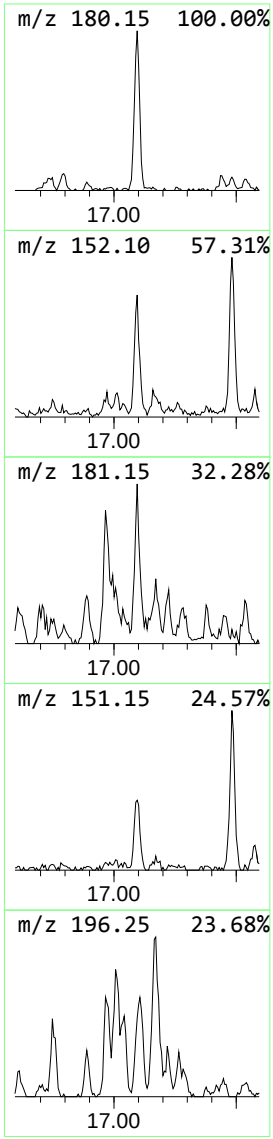
****

Peak Number 18 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.095	5.01 ng/ul	161295	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	86
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	76
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	76
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	68
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

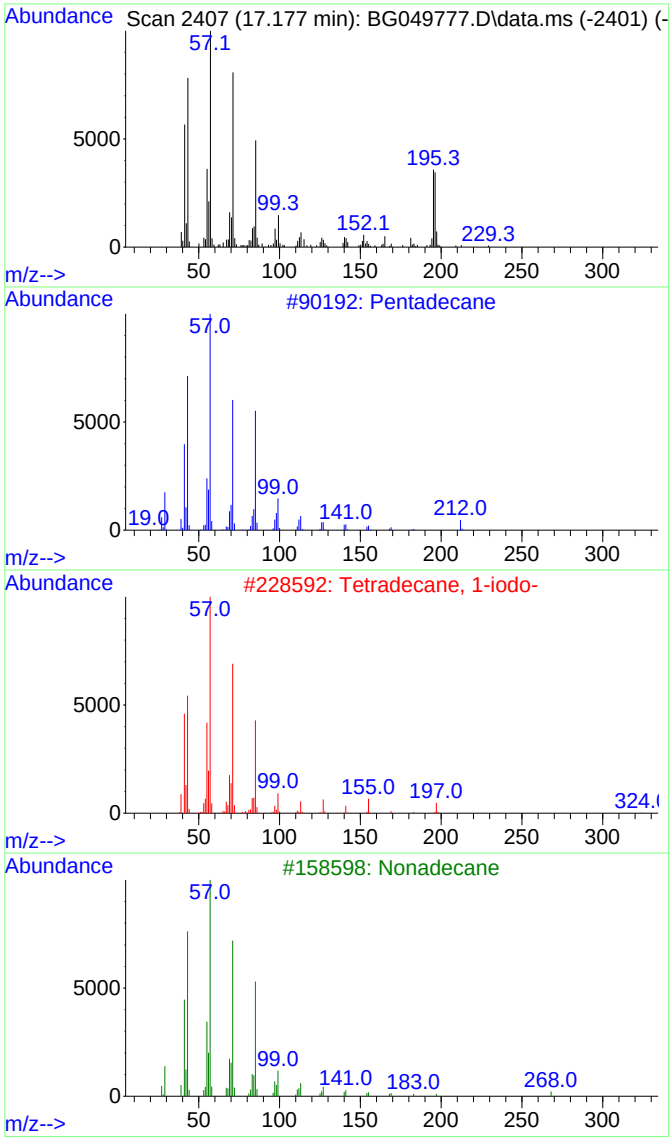
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

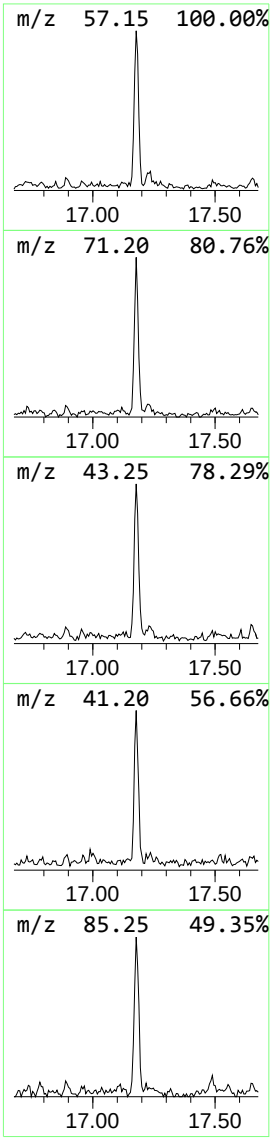
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.177	7.31 ng/ul	235304	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	74
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	74
3	Nonadecane	268	C19H40	000629-92-5	74
4	10-Methylnonadecane	282	C20H42	056862-62-5	74
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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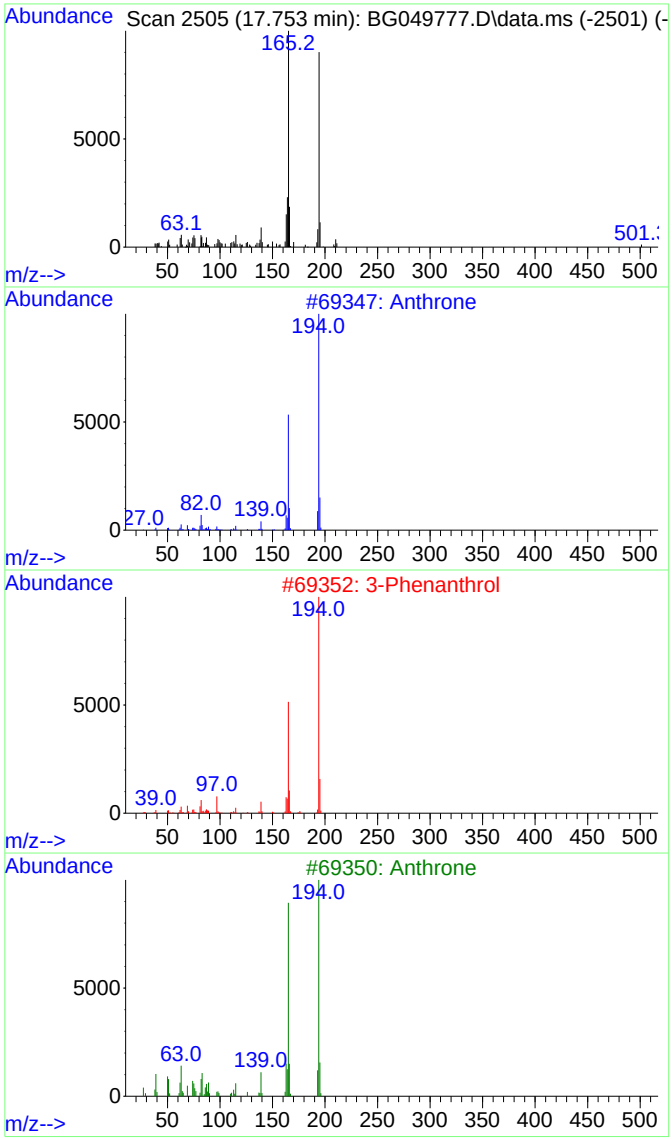
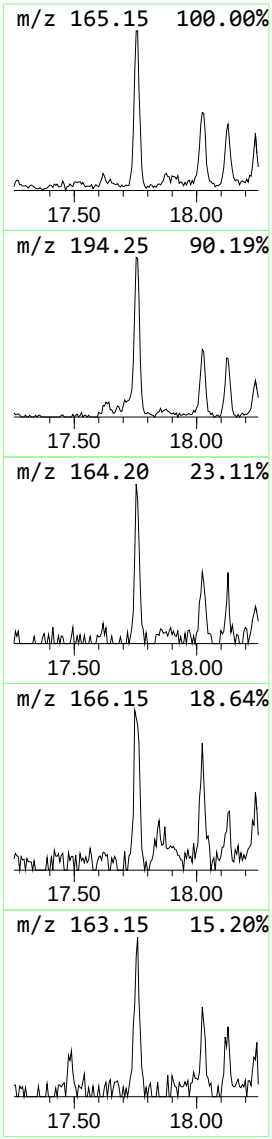
Peak Number 20 Anthrone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.753	3.79 ng/ul	122048	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	90
2	3-Phenanthrol	194	C14H10O	000605-87-8	90
3	Anthrone	194	C14H10O	000090-44-8	87
4	9-Phenanthrenol	194	C14H10O	000484-17-3	87
5	4-Phenanthrenol	194	C14H10O	007651-86-7	83





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

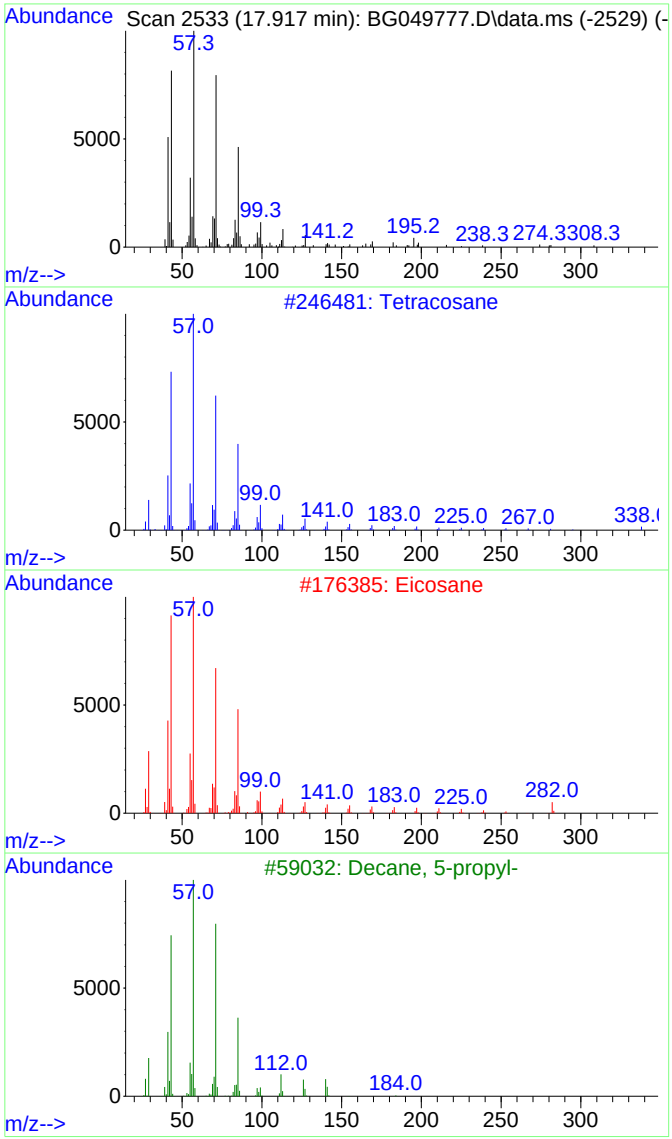
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

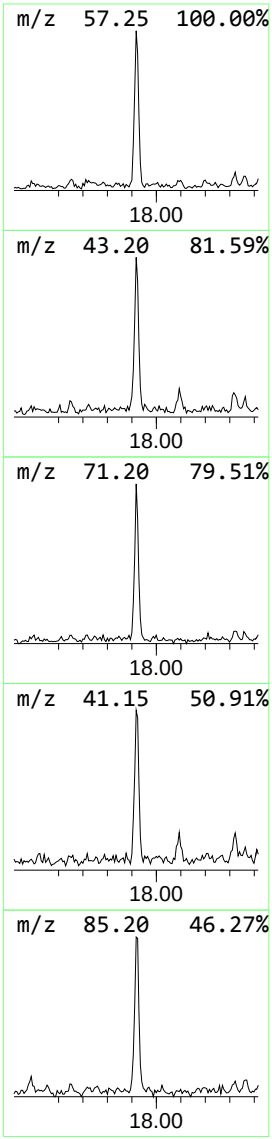
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.917	4.91 ng/ul	158082	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	Eicosane	282	C20H42	000112-95-8	87
3	Decane, 5-propyl-	184	C13H28	017312-62-8	87
4	Nonadecane	268	C19H40	000629-92-5	87
5	Octacosane	394	C28H58	000630-02-4	87





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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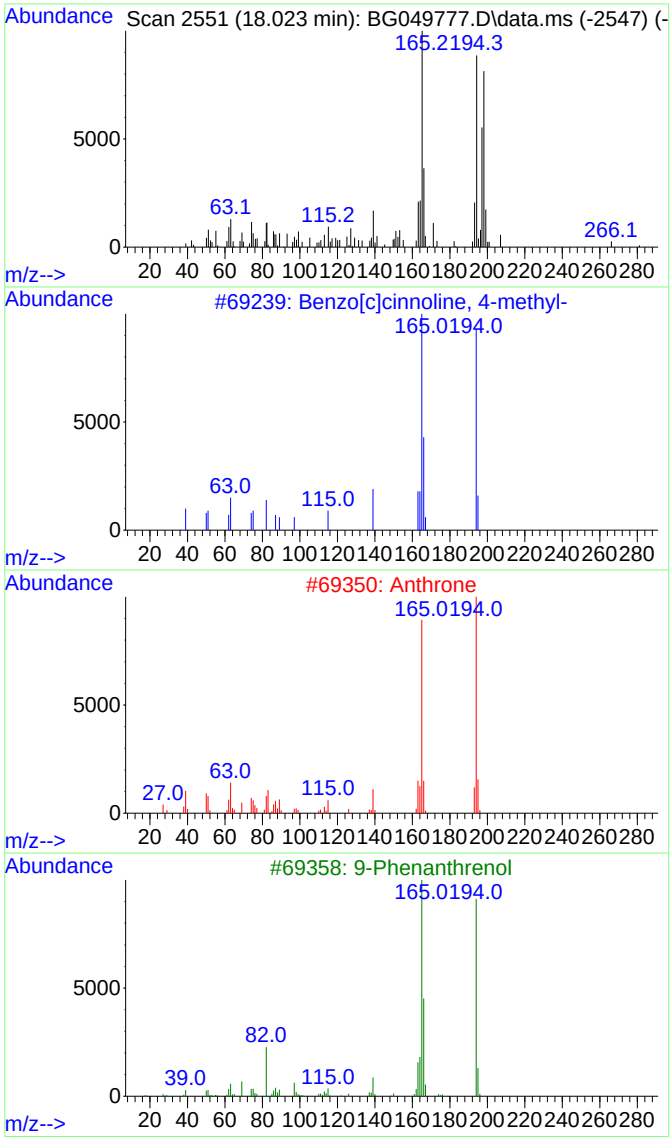
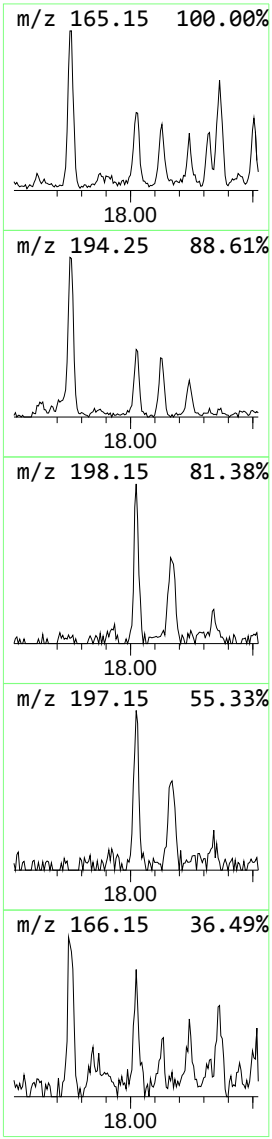
Peak Number 22 Benzo[c]cinnoline, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.023	2.99 ng/ul	96184	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	70
2	Anthrone	194	C14H10O	000090-44-8	49
3	9-Phenanthrenol	194	C14H10O	000484-17-3	46
4	2-Fluorenecarboxaldehyde	194	C14H10O	030084-90-3	45
5	2,9b-Dihydrofurano[4,3,2-jk]fluo...	194	C14H10O	204396-15-6	45





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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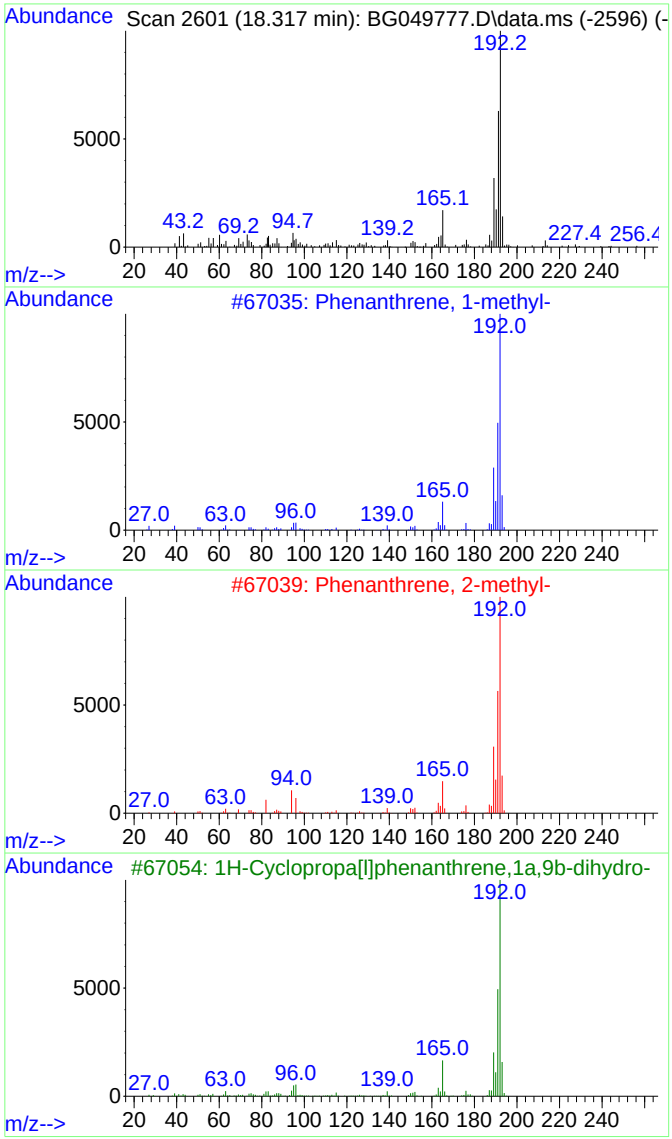
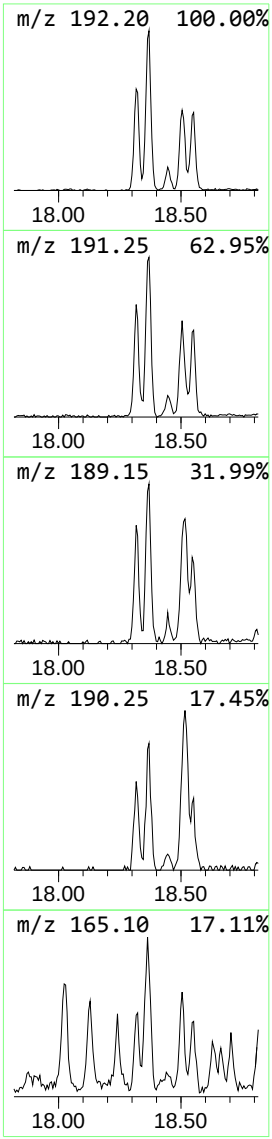
Peak Number 23 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	6.37 ng/ul	204943	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

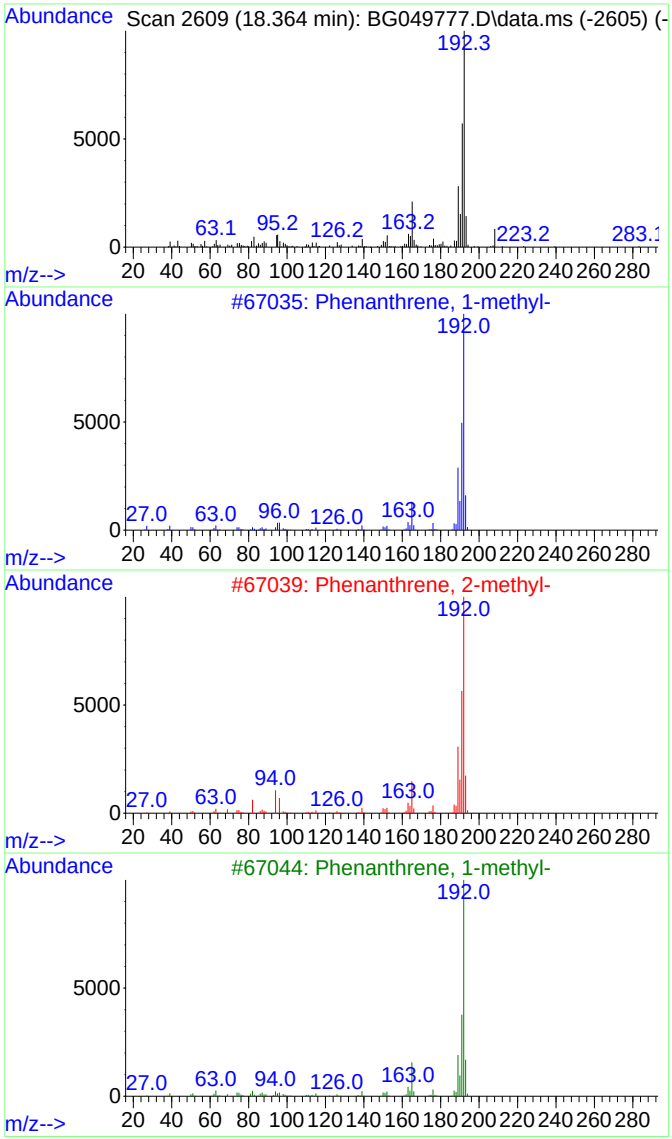
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

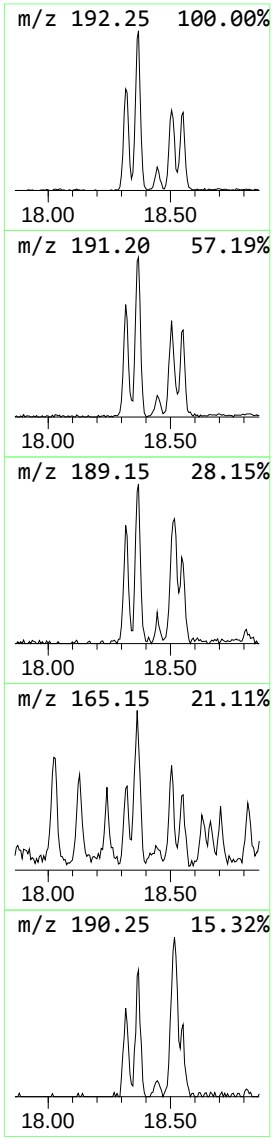
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	9.36 ng/ul	301316	Phenanthrene-d10	17.441

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, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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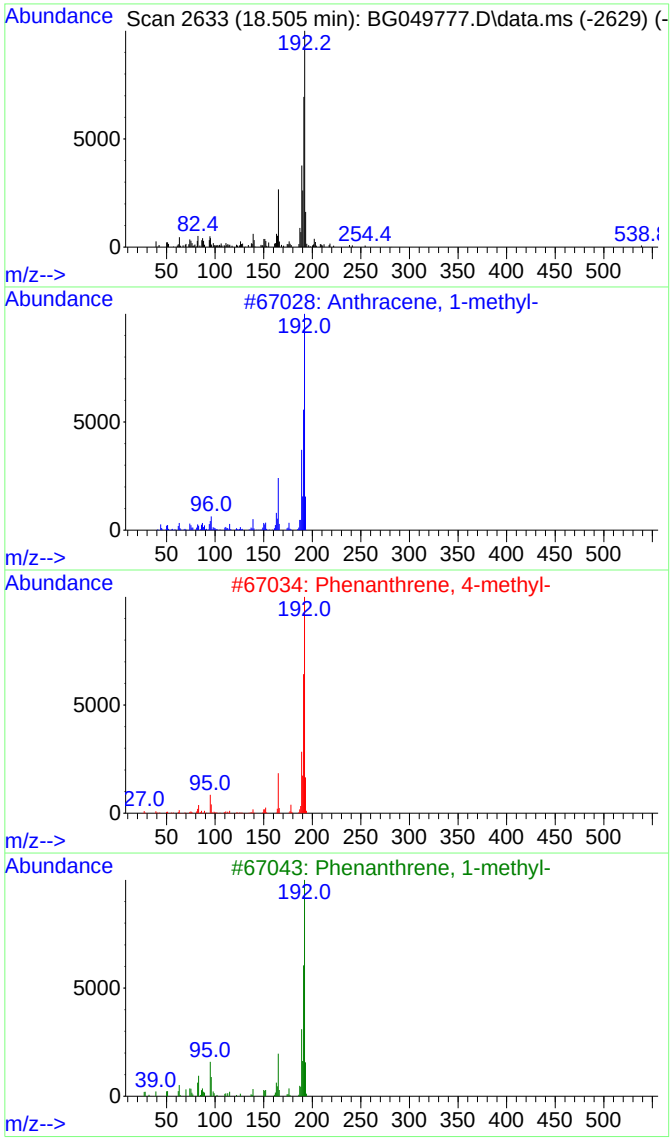
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

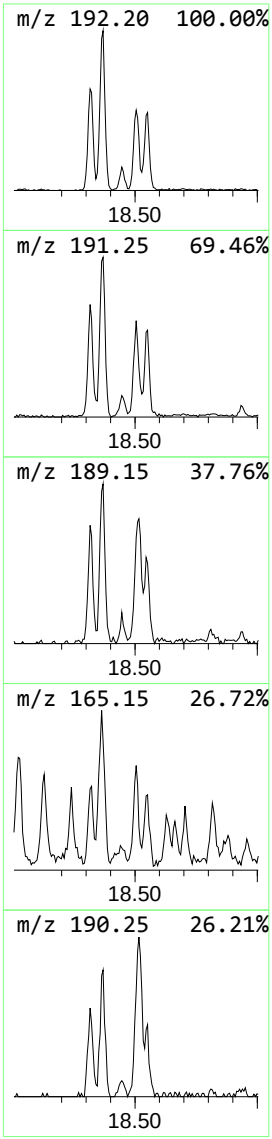
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.505	5.73 ng/ul	184431	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





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Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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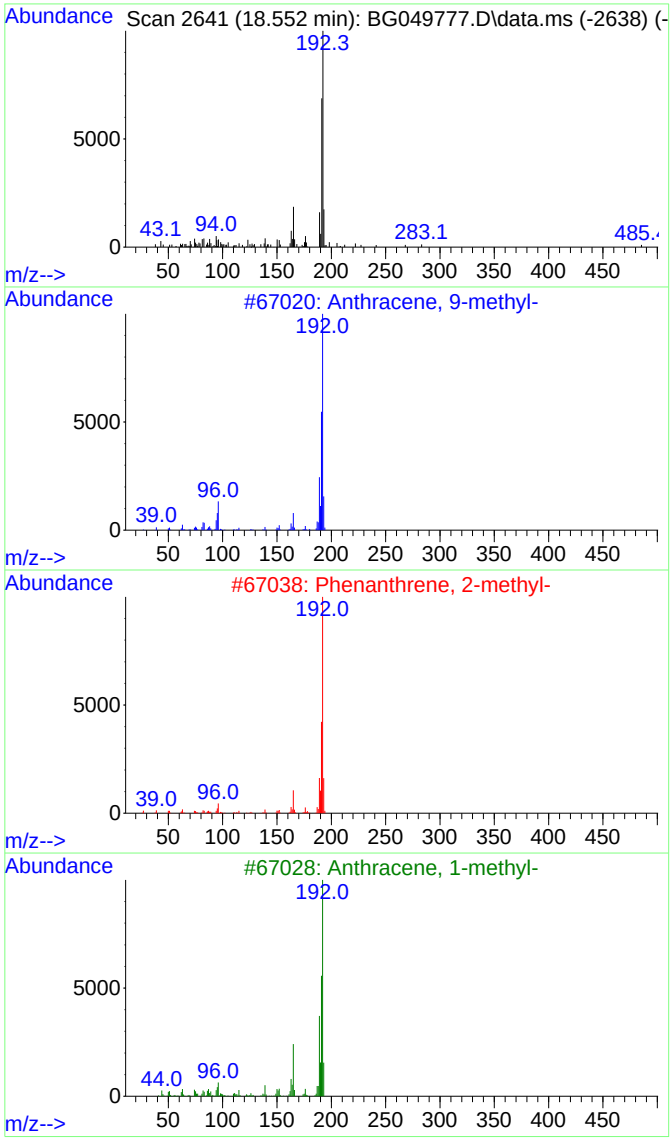
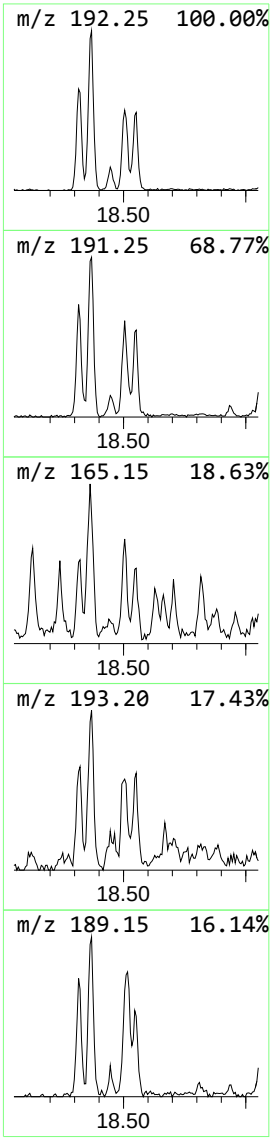
Peak Number 26 Anthracene, 9-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.552	3.44 ng/ul	110621	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

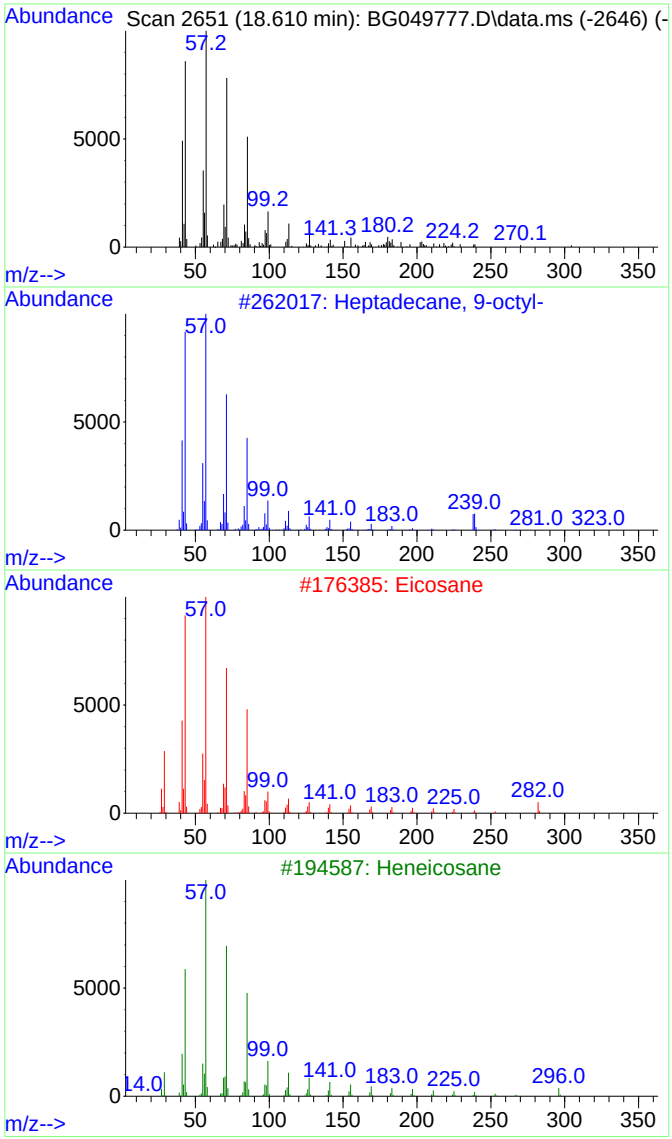
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

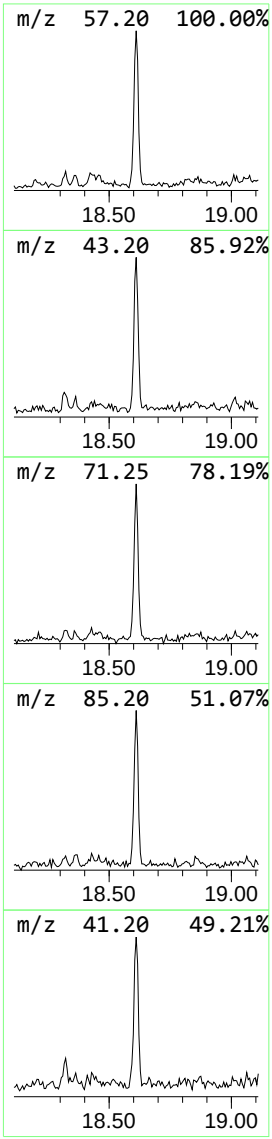
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.610	5.97 ng/ul	192006	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Docosane	310	C22H46	000629-97-0	90
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	87





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Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

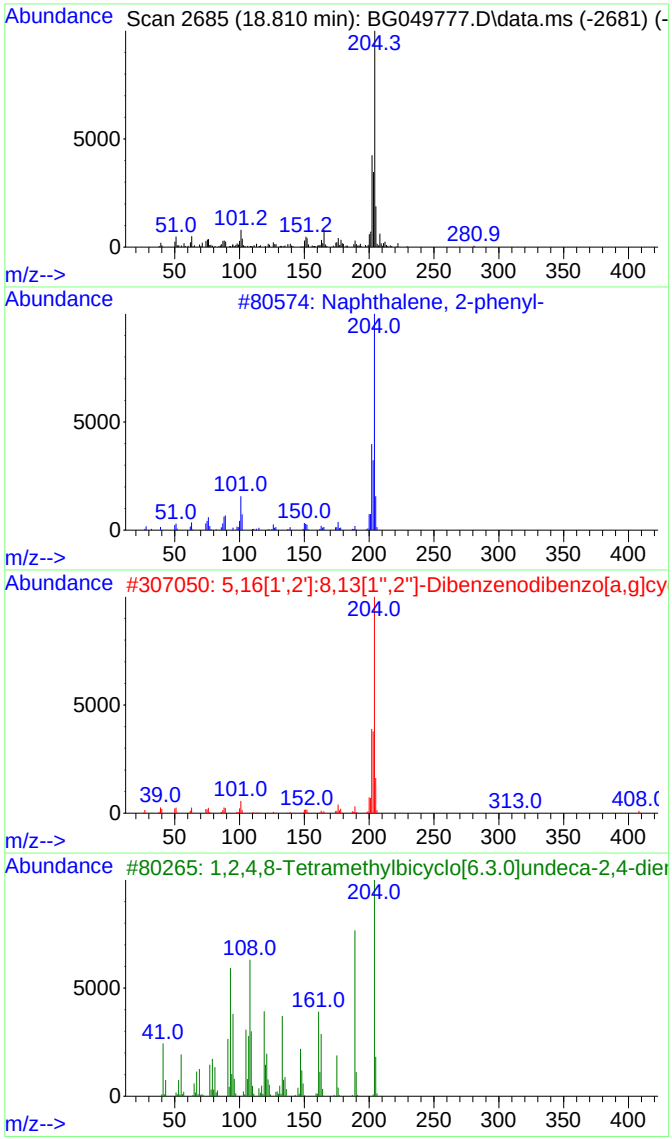
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

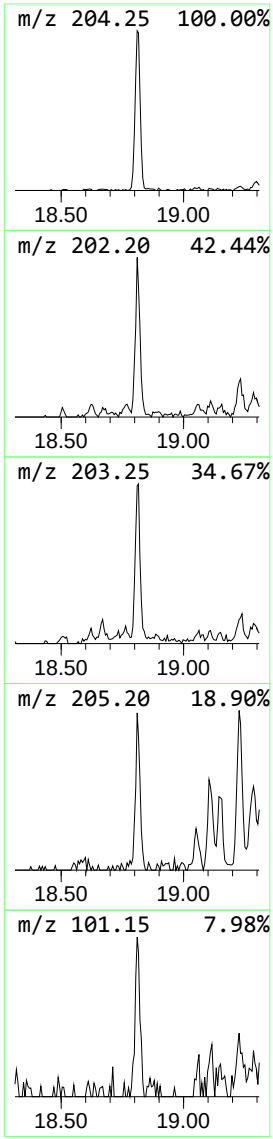
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.810	5.85 ng/ul	188371	Phenanthrene-d10	17.441

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	91
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	86
4	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	86
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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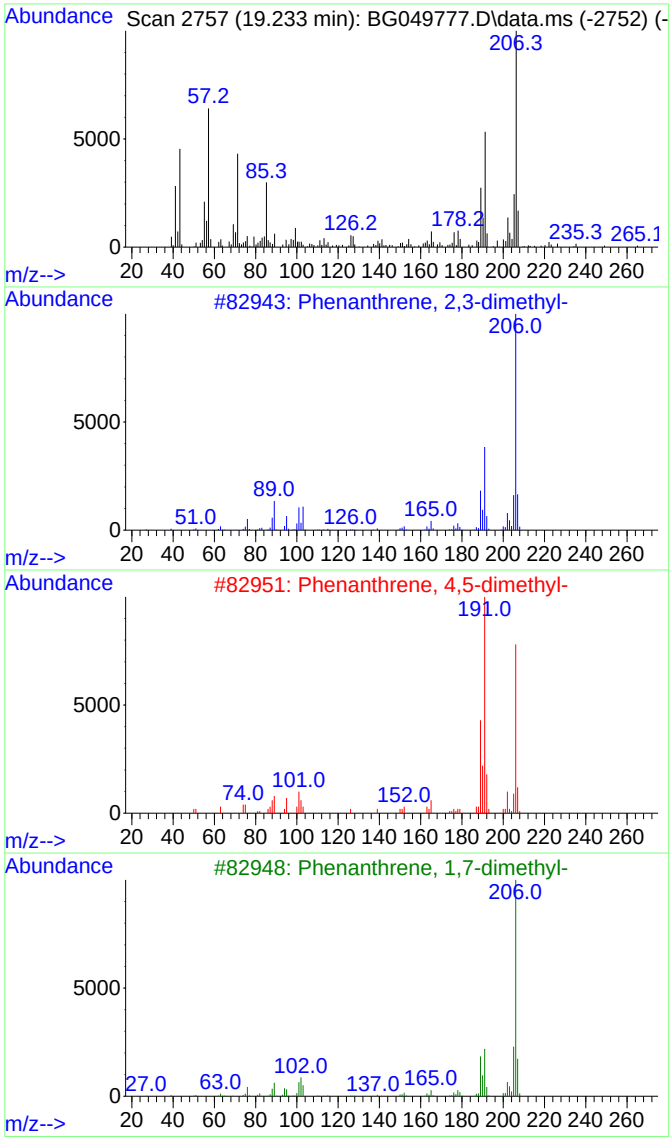
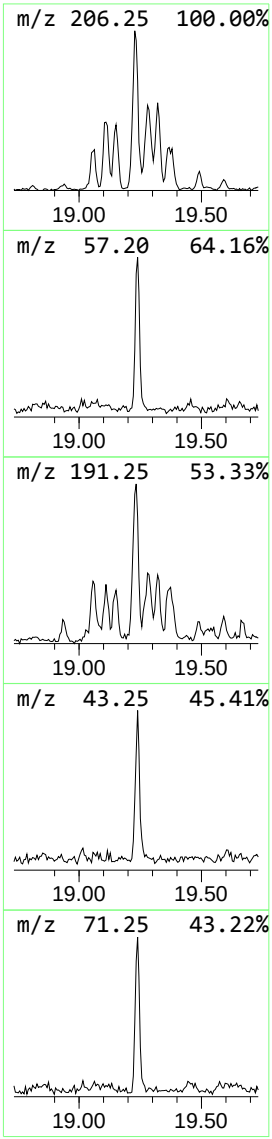
Peak Number 29 Phenanthrene, 2,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.233	9.69 ng/ul	311914	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
2	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	64
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

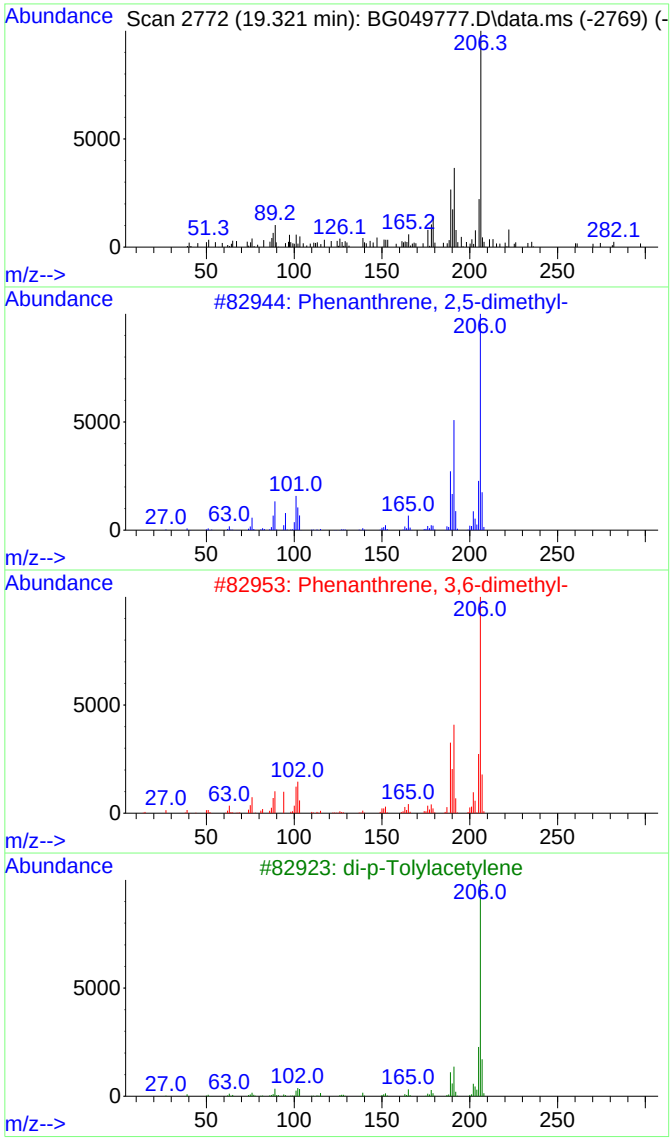
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

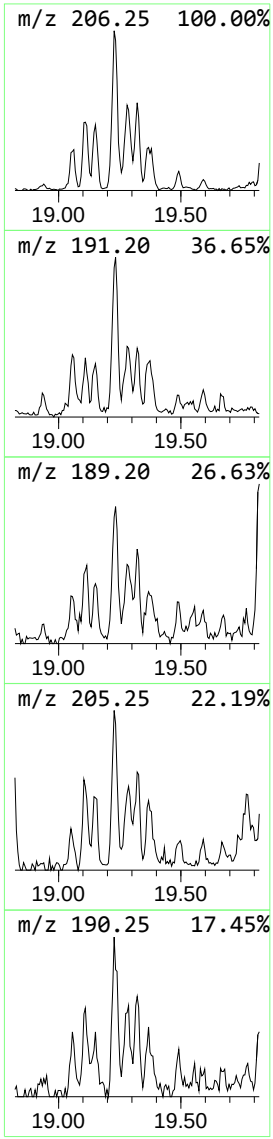
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Phenanthrene, 2,5-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.321	2.18 ng/ul	70099	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

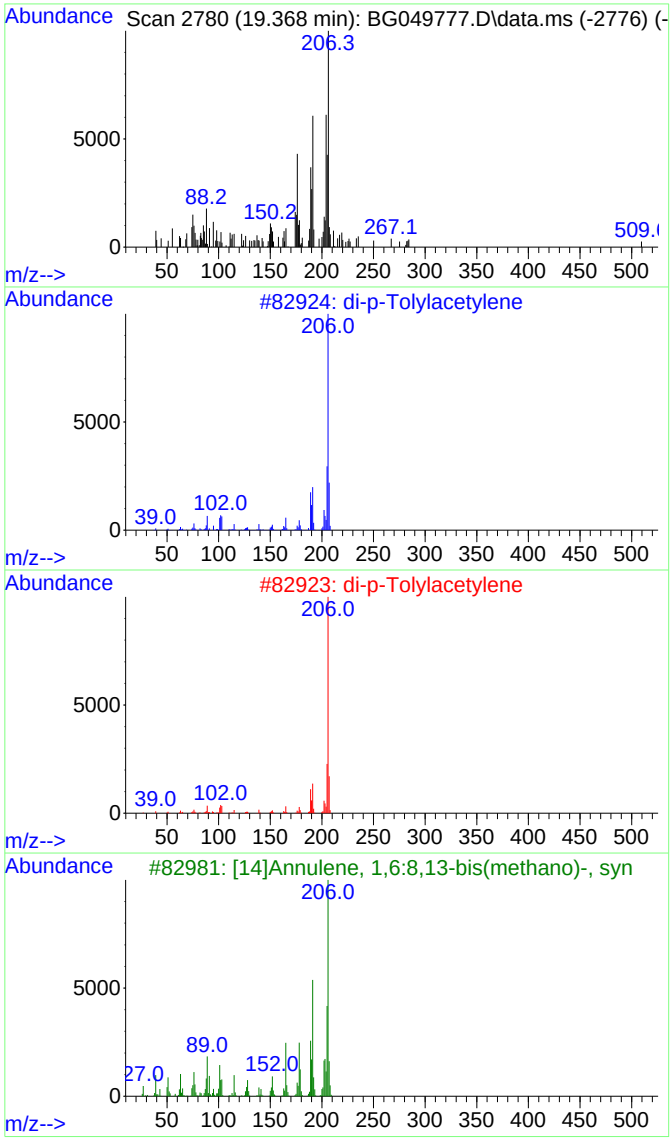
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

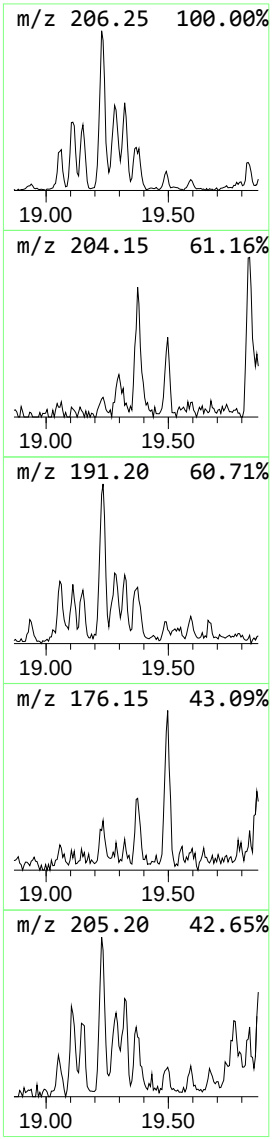
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 31 di-p-Tolylacetylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.368	3.02 ng/ul	97304	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
3	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	52
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
5	2H,6H-Pyrido[2,1-b]-1,3-thiazine...	206	C10H10N2OS	1000277-29-6	38





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

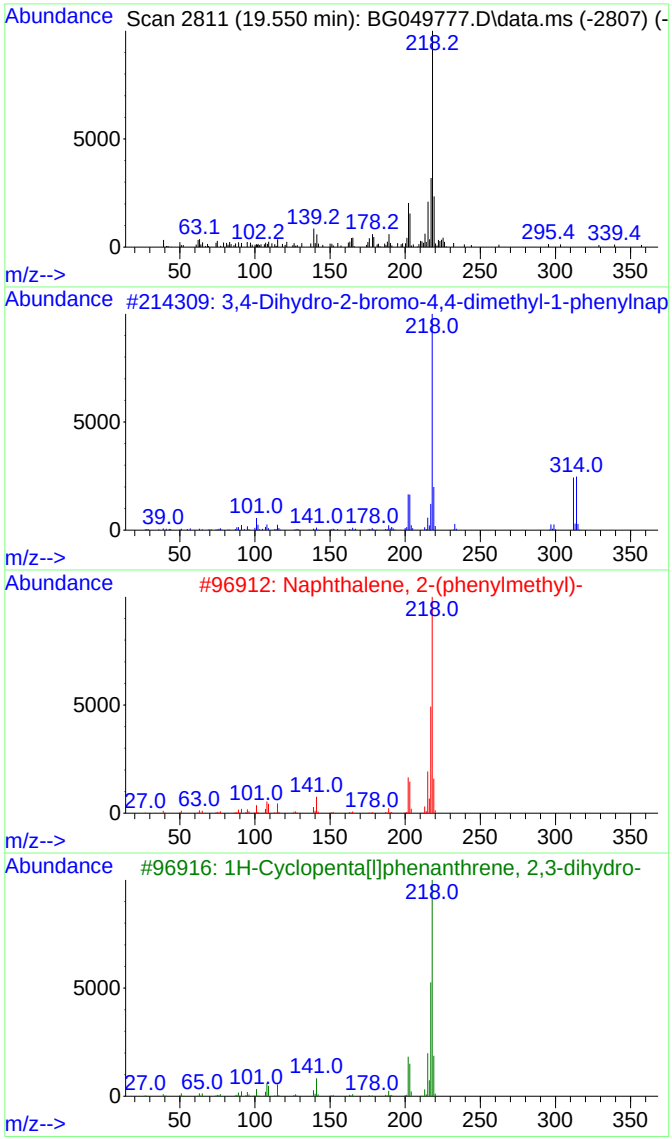
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

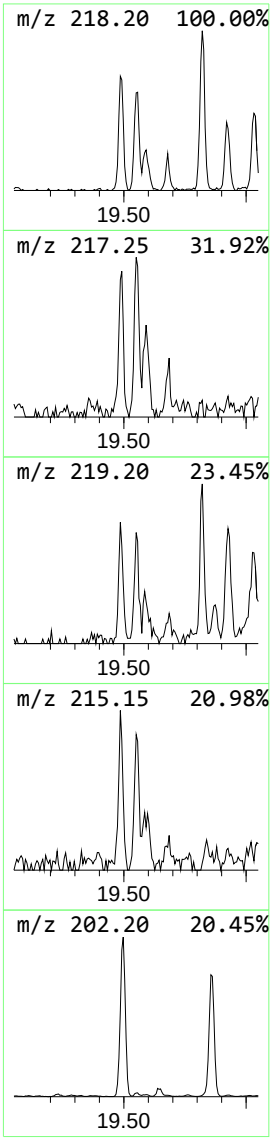
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 32 3,4-Dihydro-2-bromo-4,4-dim... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.550	2.91 ng/ul	93598	Phenanthrene-d10	17.441

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4-Dihydro-2-bromo-4,4-dimethyl...	312	C18H17Br	071161-44-9	64
2	Naphthalene, 2-(phenylmethyl)-	218	C17H14	000613-59-2	58
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	58
4	1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	53
5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	53





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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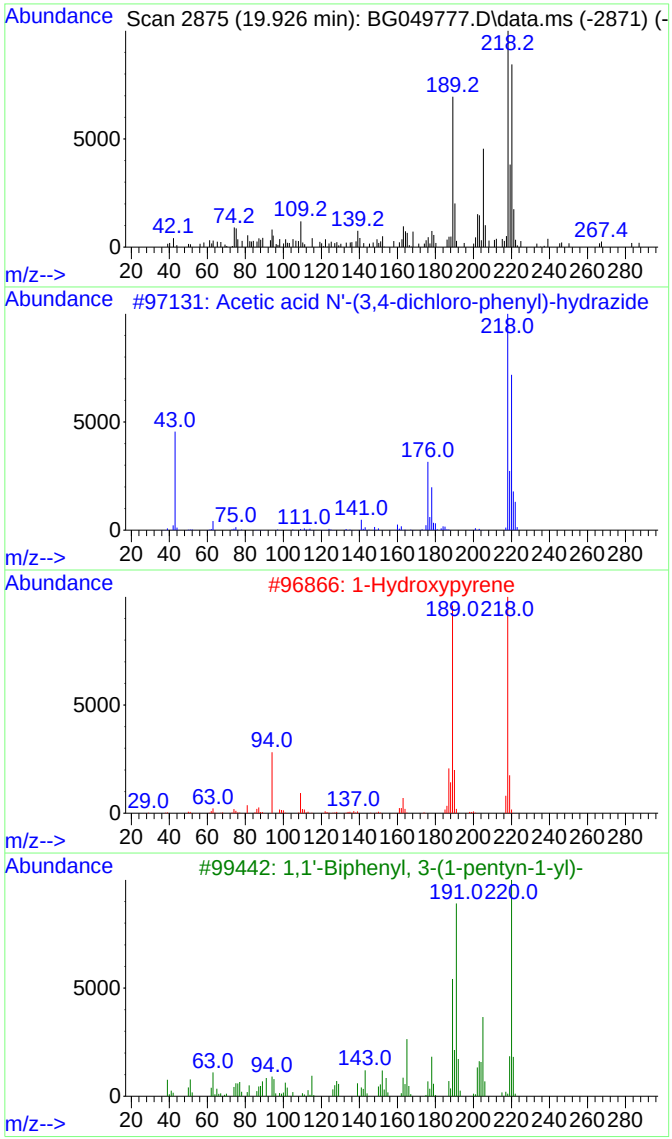
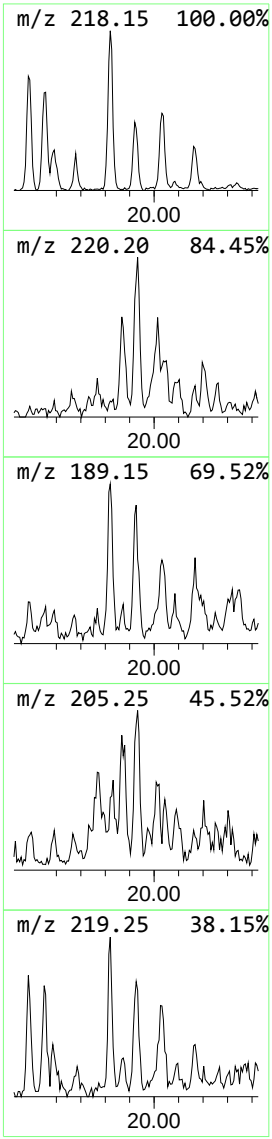
Peak Number 33 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.926	2.14 ng/ul	121892	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid N'-(3,4-dichloro-phe...	218	C8H8Cl2N2O	1000294-80-9	49
2	1-Hydroxypyrene	218	C16H10O	005315-79-7	46
3	1,1'-Biphenyl, 3-(1-pentyn-1-yl)-	220	C17H16	2029236-76-6	45
4	Pyrrolo[1,2-a]thieno[2,3-d]pyrim...	220	C11H12N2OS	056929-61-4	43
5	10-Methylanthracene-9-carboxalde...	220	C16H12O	007072-00-6	43





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

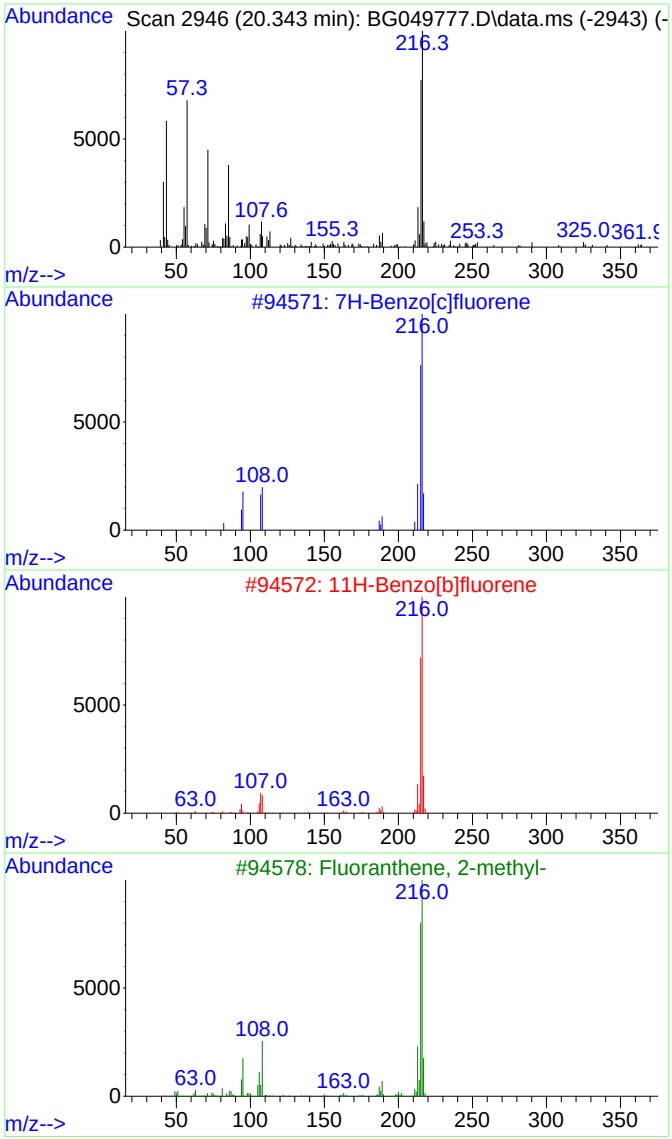
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

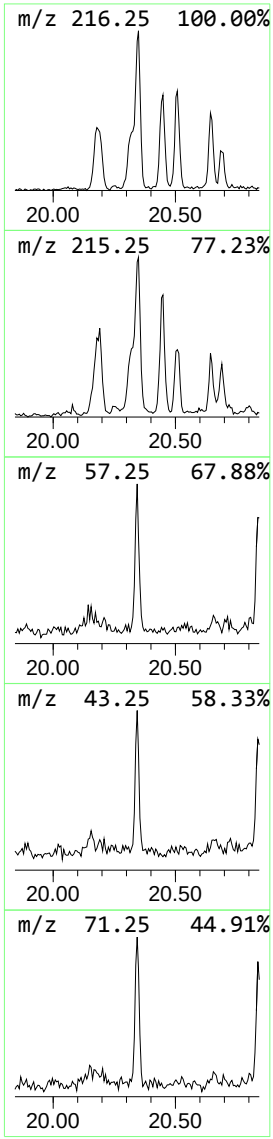
****

Peak Number 34 7H-Benzo[c]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.343	4.02 ng/ul	229542	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	60
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	58





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Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

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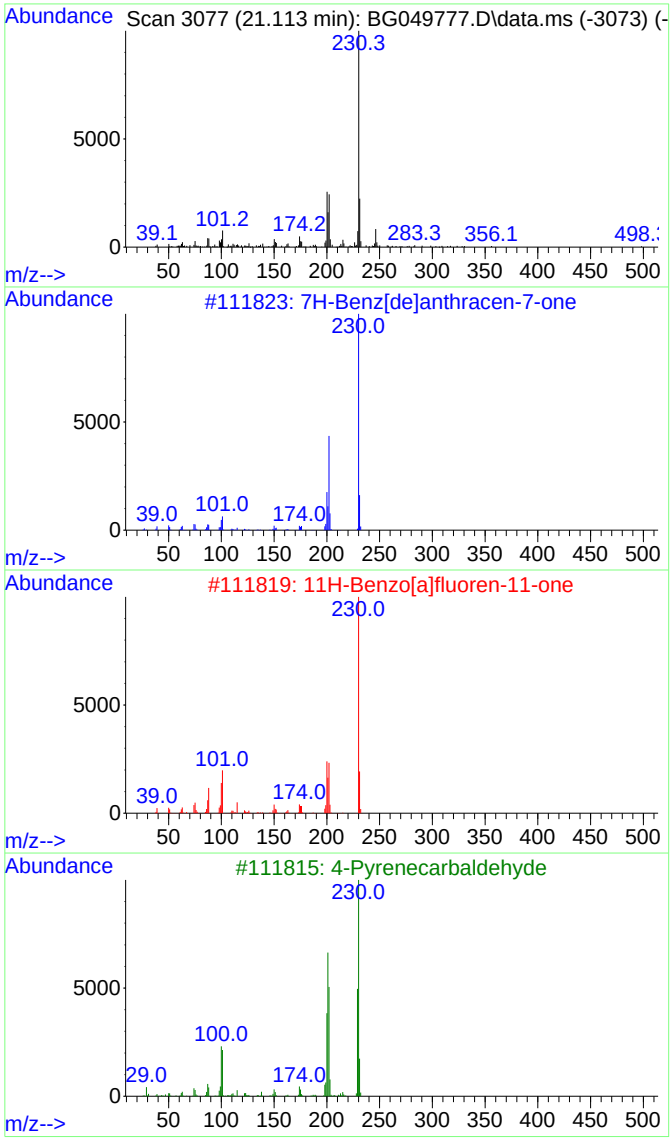
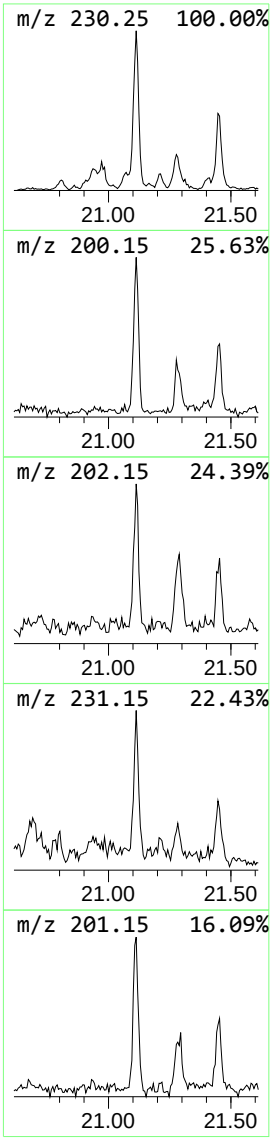
Peak Number 35 7H-Benz[de]anthracen-7-one Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.113	3.04 ng/ul	173671	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
2	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	86
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64





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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

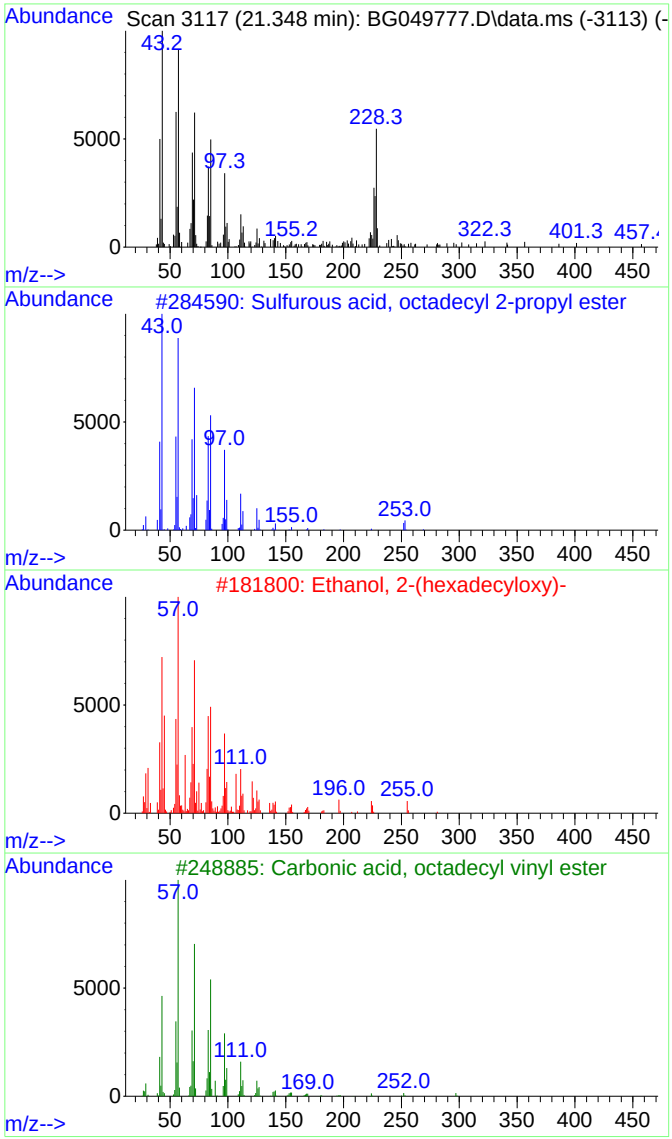
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

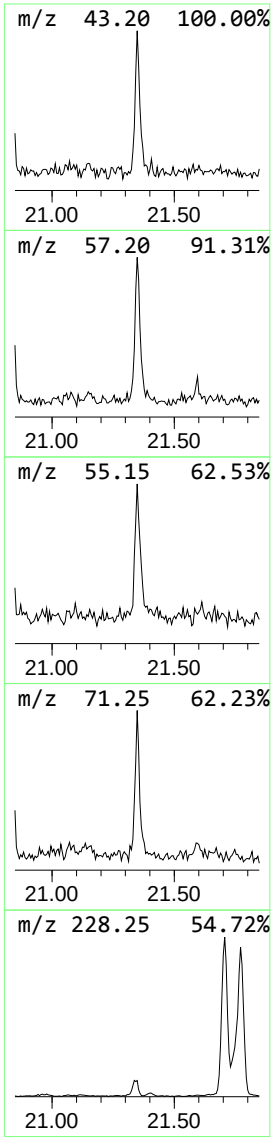
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 Sulfurous acid, octadecyl 2... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.348	2.85 ng/ul	162718	Chrysene-d12	21.724

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	50
2	Ethanol, 2-(hexadecyloxy)-	286	C18H38O2	002136-71-2	50
3	Carbonic acid, octadecyl vinyl e...	340	C21H40O3	1000382-54-4	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	46





Tentatively Identified Compound (LSC) summary

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Data File : BG049777.D
Acq On : 11 Aug 2021 5:29
Operator : CG/JU
Sample : M3182-11
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00C9

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-metho...	3.143	54.5	ng/ul	796825	1	8.036	292401	20.0
Toluene	4.177	2.9	ng/ul	42560	1	8.036	292401	20.0
p-Xylene	5.651	6.6	ng/ul	96446	1	8.036	292401	20.0
Benzene, 1,3-di...	6.027	3.1	ng/ul	45534	1	8.036	292401	20.0
(DEL) Alkane: S...	7.649	3.1	ng/ul	45166	1	8.036	292401	20.0
(DEL) Alkane: S...	9.264	4.3	ng/ul	63160	1	8.036	292401	20.0
Ethanol, 2-(2-b...	10.615	10.9	ng/ul	221707	2	10.856	407272	20.0
(DEL) Alkane: S...	11.867	3.1	ng/ul	63720	2	10.856	407272	20.0
(DEL) Alkane: S...	12.260	4.8	ng/ul	97562	2	10.856	407272	20.0
Naphthalene, 1,...	13.852	2.3	ng/ul	72289	3	14.686	637414	20.0
Naphthalene, 2,...	14.011	4.2	ng/ul	133671	3	14.686	637414	20.0
(DEL) Alkane: S...	14.569	3.9	ng/ul	124815	3	14.686	637414	20.0
(DEL) Alkane: S...	15.520	5.0	ng/ul	157735	3	14.686	637414	20.0
Dibenzofuran, 4...	16.026	3.4	ng/ul	109631	3	14.686	637414	20.0
6H-Dibenzo[b,d]...	16.178	2.6	ng/ul	83069	4	17.441	643588	20.0
(DEL) Alkane: S...	16.384	4.8	ng/ul	154159	4	17.441	643588	20.0
2,2-Dimethyl-1-...	16.965	2.5	ng/ul	81798	4	17.441	643588	20.0
9H-Fluoren-9-one	17.095	5.0	ng/ul	161295	4	17.441	643588	20.0
(DEL) Alkane: S...	17.177	7.3	ng/ul	235304	4	17.441	643588	20.0
Anthrone	17.753	3.8	ng/ul	122048	4	17.441	643588	20.0
(DEL) Alkane: S...	17.917	4.9	ng/ul	158082	4	17.441	643588	20.0
Benzo[c]cinnoli...	18.023	3.0	ng/ul	96184	4	17.441	643588	20.0
Phenanthrene, 1...	18.317	6.4	ng/ul	204943	4	17.441	643588	20.0
Phenanthrene, 2...	18.364	9.4	ng/ul	301316	4	17.441	643588	20.0
Anthracene, 1-m...	18.505	5.7	ng/ul	184431	4	17.441	643588	20.0
Anthracene, 9-m...	18.552	3.4	ng/ul	110621	4	17.441	643588	20.0
(DEL) Alkane: S...	18.610	6.0	ng/ul	192006	4	17.441	643588	20.0
Naphthalene, 2-...	18.810	5.8	ng/ul	188371	4	17.441	643588	20.0
Phenanthrene, 2...	19.233	9.7	ng/ul	311914	4	17.441	643588	20.0
Phenanthrene, 2...	19.321	2.2	ng/ul	70099	4	17.441	643588	20.0
di-p-Tolylacety...	19.368	3.0	ng/ul	97304	4	17.441	643588	20.0
3,4-Dihydro-2-b...	19.550	2.9	ng/ul	93598	4	17.441	643588	20.0
unknown-01	19.926	2.1	ng/ul	121892	5	21.724	1140760	20.0
7H-Benzo[c]fluo...	20.343	4.0	ng/ul	229542	5	21.724	1140760	20.0
7H-Benz[de]anth...	21.113	3.0	ng/ul	173671	5	21.724	1140760	20.0
Sulfurous acid,...	21.348	2.9	ng/ul	162718	5	21.724	1140760	20.0