LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

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-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049279.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	9	14	23	rBV	101038	200584	5.12%	1.079%
2	3.197	23	27	35	rVB	46767	74804	1.91%	0.402%
3	3.432	64	67	69	rBV2	5107	5885	0.15%	0.032%
4	3.461	69	72	76	rVB6	5796	9266	0.24%	0.050%
5	3.896	142	146	154	rBV2	30101	59270	1.51%	0.319%
6	4.225	196	202	209	rBV	40214	66698	1.70%	0.359%
7	6.140	524	528	536	rVB5	4571	7828	0.20%	0.042%
8	7.063	677	685	688	rBV5	3932	7393	0.19%	0.040%
9	7.227	707	713	724	rVB2	38814	75662	1.93%	0.407%
10	7.392	735	741	749	rBV	105397	180271	4.60%	0.970%
11	7.603	770	777	784	rBV2	122072	226408	5.78%	1.218%
12	7.797	804	810	817	rBV5	3385	7203	0.18%	0.039%
13	8.073	848	857	862	rBV	101665	185906	4.74%	1.000%
14	8.126	862	866	873	rVB2	30733	53730	1.37%	0.289%
15	8.308	891	897	901	rBV6	3423	5631	0.14%	0.030%
16	8.778	970	977	984	rBV	107544	189167	4.83%	1.018%
17	8.902	994	998	1003	rBV5	3450	6048	0.15%	0.033%
18	9.237	1048	1055	1069	rVV	158725	298531	7.62%	1.606%
19	9.360	1069	1076	1082	rVV4	18180	31921	0.81%	0.172%
20	9.965	1172	1179	1188	rBV	143557	263147	6.71%	1.415%
21	10.382	1248	1250	1255	rBV4	3487	5698	0.15%	0.031%
22	10.506	1265	1271	1279	rVB	204288	381649	9.74%	2.053%
23	10.653	1290	1296	1302	rBV2	32379	60122	1.53%	0.323%
24	10.894	1330	1337	1344	rBV	140363	253951	6.48%	1.366%
25	11.023	1350	1359	1368	rBV2	163406	320376	8.17%	1.723%
26	12.474	1601	1606	1611	rBV4	3821	5807	0.15%	0.031%
27	12.762	1650	1655	1661	rBV6	4178	8544	0.22%	0.046%
28	13.232	1729	1735	1739	rBV6	9762	16580	0.42%	0.089%
29	13.420	1763	1767	1774	rVB5	6103	10584	0.27%	0.057%
30	13.555	1781	1790	1795	rBV5	10077	24273	0.62%	0.131%
31	13.731	1815	1820	1825	rVB6	7247	14174	0.36%	0.076%
32	13.843	1836	1839	1843	rBV5	3191	5540	0.14%	0.030%
33	14.113	1879	1885	1891	rBV	462800	688512	17.56%	3.704%
34	14.348	1922	1925	1926	rBV3	6087	5259	0.13%	0.028%
35	14.413	1929	1936	1942	rVV	434163	702268	17.92%	3.778%
36	14.507	1947	1952	1957	rBV2	16756	27790	0.71%	0.149%

LSC Area Percent Report

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Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

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-BG070921.M
Title : SVOA CALIBRATION

37	14.601	1965	1968	1972	rBV4	3992	5366	0.14%	0.029%
38	14.718	1979	1988	1995	rBV	232935	376750	9.61%	2.027%
39	14.912	2015	2021	2034	rVB2	54563	103163	2.63%	0.555%
40	15.112	2050	2055	2060	rVV5	6980	10301	0.26%	0.055%
41	15.259	2076	2080	2084	rBV4	14706	20648	0.53%	0.111%
42	15.300	2084	2087	2091	rVV3	31646	55430	1.41%	0.298%
43	15.341	2091	2094	2101	rVB3	34711	55441	1.41%	0.298%
44	15.435	2106	2110	2118	rBV9	9424	21655	0.55%	0.116%
45	15.518	2121	2124	2129	rBV4	7794	11447	0.29%	0.062%
46	15.635	2141	2144	2150	rVB7	4135	6111	0.16%	0.033%
47	15.711	2150	2157	2163	rBV	595193	924257	23.58%	4.972%
48	15.823	2170	2176	2186	rBV2	262916	472914	12.06%	2.544%
49	15.946	2189	2197	2208	rVB9	24392	72919	1.86%	0.392%
50	16.111	2221	2225	2229	rBV5	6837	10080	0.26%	0.054%
51	16.340	2259	2264	2269	rBV7	6182	15255	0.39%	0.082%
52	16.387	2269	2272	2274	rBV4	8864	8976	0.23%	0.048%
53	16.487	2286	2289	2294	rBV5	9634	13438	0.34%	0.072%
54	16.604	2303	2309	2314	rBV2	29002	47447	1.21%	0.255%
55	16.693	2320	2324	2330	rBV4	10720	15023	0.38%	0.081%
56	16.845	2347	2350	2356	rBV3	19603	25835	0.66%	0.139%
57	16.928	2359	2364	2365	rBV4	5606	8767	0.22%	0.047%
58	16.945	2365	2367	2370	rBV3	5527	6235	0.16%	0.034%
59	17.116	2387	2396	2406	rVV	609301	958874	24.46%	5.158%
60	17.198	2407	2410	2415	rVB6	12645	20935	0.53%	0.113%
61	17.468	2449	2456	2462	rBV	298373	464087	11.84%	2.496%
62	17.568	2464	2473	2480	rVV	720974	1116259	28.48%	6.004%
63	17.639	2480	2485	2494	rVB2	61283	95948	2.45%	0.516%
64	17.733	2499	2501	2506	rVB6	6818	7282	0.19%	0.039%
65	17.791	2509	2511	2514	rVB4	6498	6758	0.17%	0.036%
66	18.120	2562	2567	2573	rVB4	46330	74356	1.90%	0.400%
67	18.250	2585	2589	2594	rVB4	14405	24575	0.63%	0.132%
68	18.349	2601	2606	2611	rBV	170795	244140	6.23%	1.313%
69	18.661	2654	2659	2663	rBV	41123	54022	1.38%	0.291%
70	18.849	2688	2691	2692	rBV3	5158	5457	0.14%	0.029%
71	19.113	2733	2736	2740	rBV4	11348	14046	0.36%	0.076%
72	19.201	2748	2751	2756	rVB6	14579	18598	0.47%	0.100%
73	19.272	2760	2763	2765	rVV4	12442	14571	0.37%	0.078%
74	19.313	2768	2770	2773	rBV4	5103	6142	0.16%	0.033%
75	19.483	2794	2799	2805	rBV5	18671	47368	1.21%	0.255%
76	19.554	2805	2811	2816	rVV	3197781	3919935	100.00%	21.086%

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Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

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
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Title : SVOA CALIBRATION

77	19.619	2816	2822	2831	rVB	108426	178903	4.56%	0.962%
78	19.736	2839	2842	2843	rBV2	11441	11825	0.30%	0.064%
79	19.854	2856	2862	2871	rVB	901111	1312980	33.49%	7.063%
80	20.083	2897	2901	2905	rBV	33186	36253	0.92%	0.195%
81	20.541	2975	2979	2985	rBV	200389	252200	6.43%	1.357%
82	20.823	3024	3027	3031	rVB5	12125	11808	0.30%	0.064%
83	21.187	3087	3089	3092	rBV4	6103	7314	0.19%	0.039%
84	21.375	3117	3121	3127	rBV2	71177	122888	3.13%	0.661%
85	21.628	3158	3164	3166	rBV3	23365	38586	0.98%	0.208%
86	21.746	3178	3184	3193	rVB	312371	555462	14.17%	2.988%
87	22.556	3320	3322	3325	rBV3	5915	7141	0.18%	0.038%
88	23.432	3466	3471	3480	rVB4	43798	91030	2.32%	0.490%
89	23.737	3517	3523	3530	rVB9	16875	36109	0.92%	0.194%
90	24.090	3581	3583	3589	rVB5	11799	17440	0.44%	0.094%
91	24.818	3695	3707	3718	rVB3	479747	1328243	33.88%	7.145%
92	25.042	3735	3745	3757	rVB2	187472	575429	14.68%	3.095%
93	25.682	3852	3854	3859	rVB5	3853	5574	0.14%	0.030%
94	26.234	3942	3948	3954	rVV7	14946	39202	1.00%	0.211%
95	26.364	3965	3970	3973	rBV7	10691	20708	0.53%	0.111%
96	26.493	3990	3992	3995	rVB4	7738	7471	0.19%	0.040%
97	26.610	4009	4012	4014	rBV4	4437	5480	0.14%	0.029%
98	27.644	4180	4188	4196	rVB4	15058	49558	1.26%	0.267%
99	30.365	4648	4651	4654	rBV4	4630	5587	0.14%	0.030%
100	30.735	4711	4714	4717	rBV4	4882	6176	0.16%	0.033%

Sum of corrected areas: 18590658

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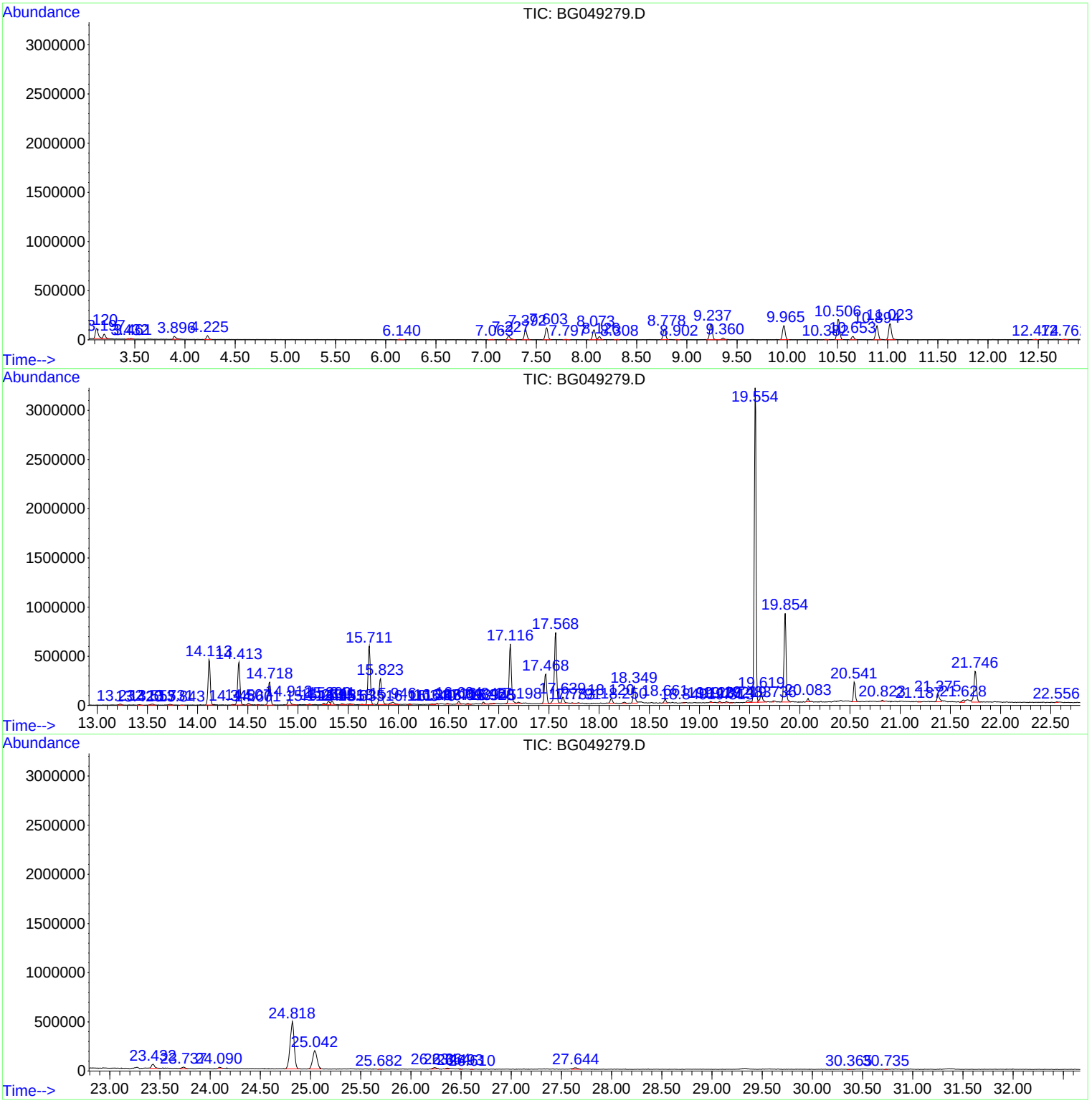
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
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Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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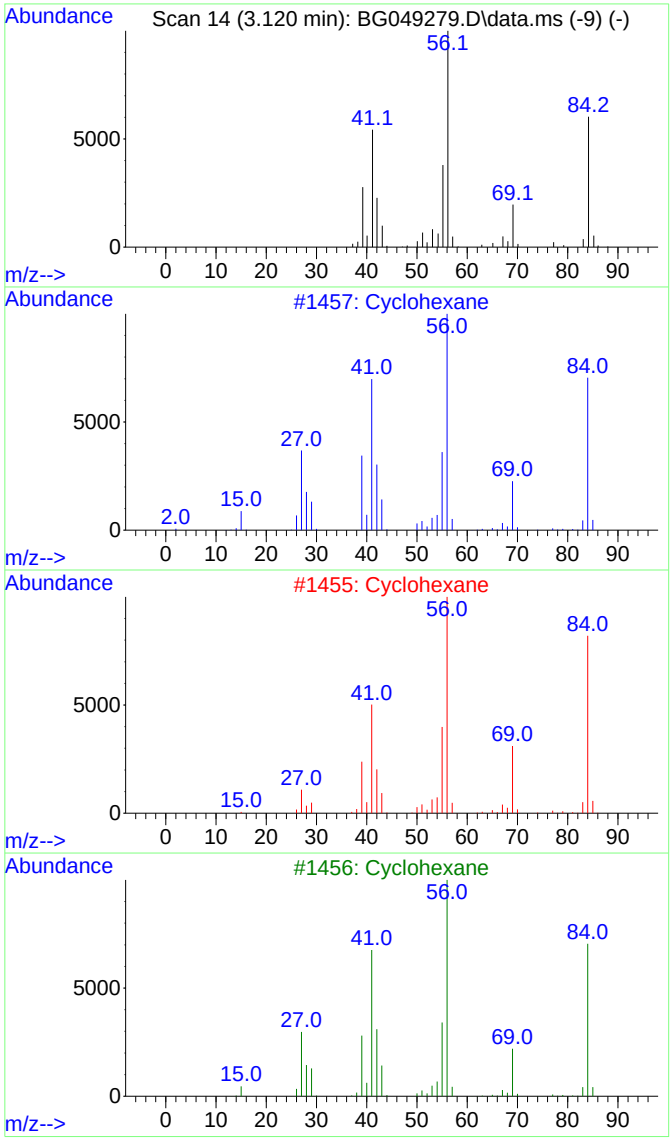
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

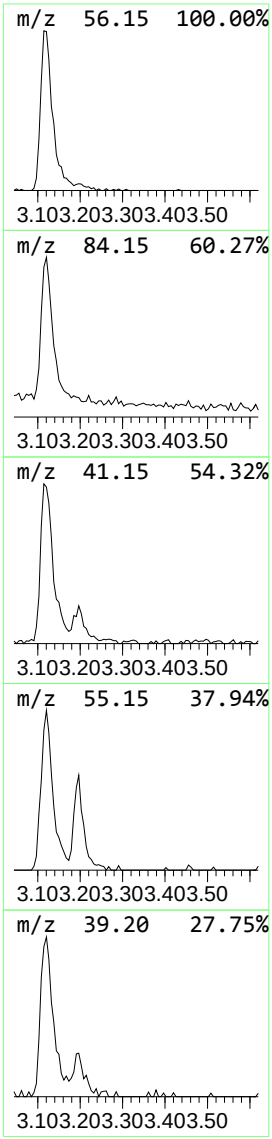
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	21.58 ng/ul	200584	1,4-Dichlorobenzene-d4	8.073

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	91
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86
5	Cyclohexane	84	C6H12	000110-82-7	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

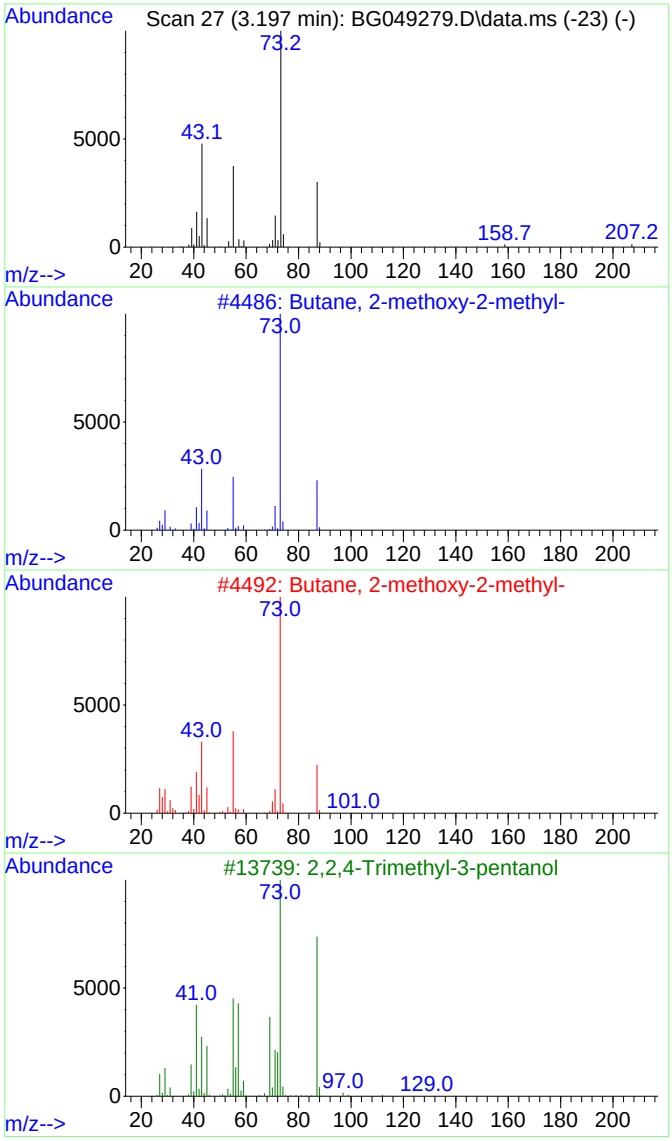
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

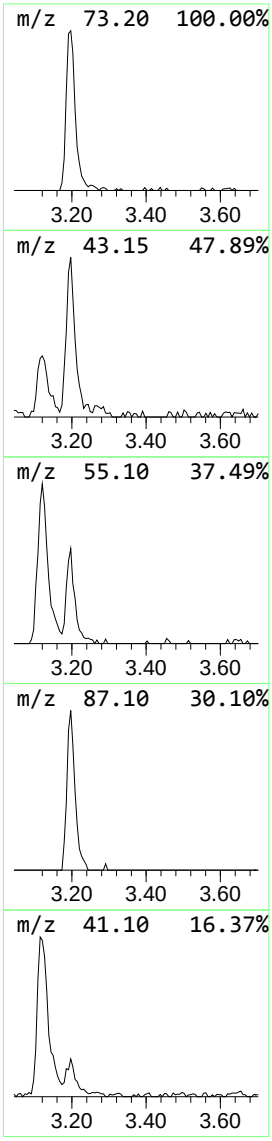
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.200	8.05 ng/ul	74804	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	36
4	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	25
5	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
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Sample : M2910-04
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ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

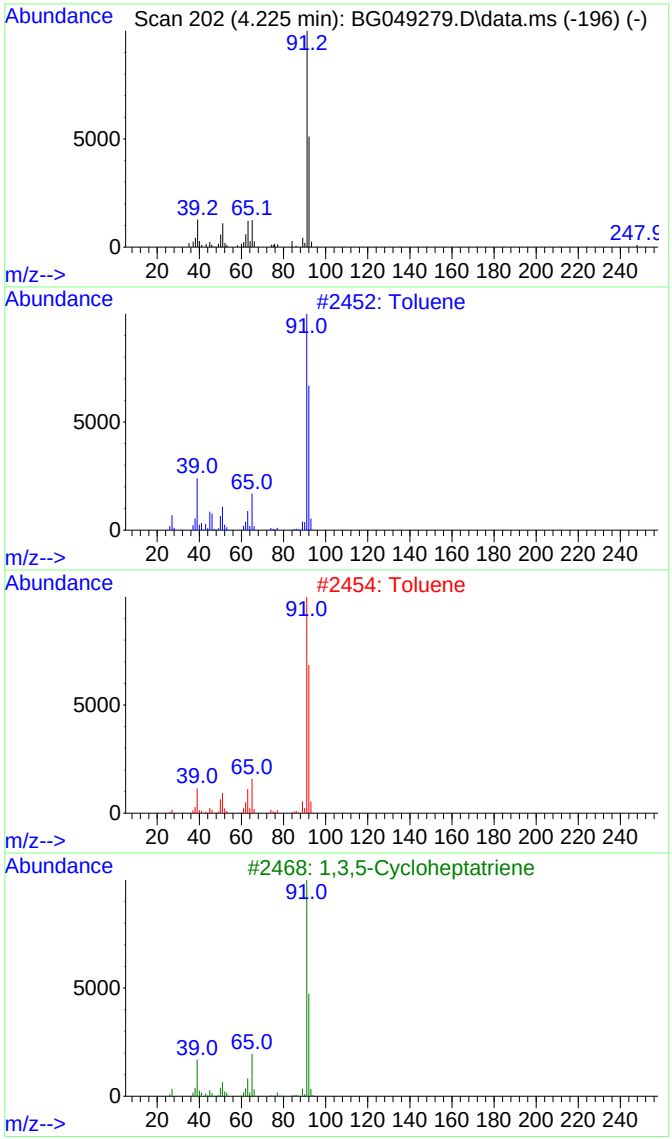
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

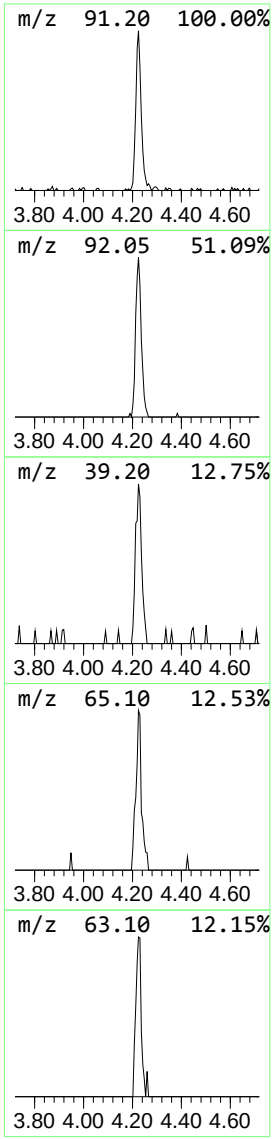
****

Peak Number 3 Toluene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.220	7.18 ng/ul	66698	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	90
2	Toluene	92	C7H8	000108-88-3	90
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	83
4	Toluene	92	C7H8	000108-88-3	81
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	74





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Instrument : BNA_G
ClientSampleId : C0AW5

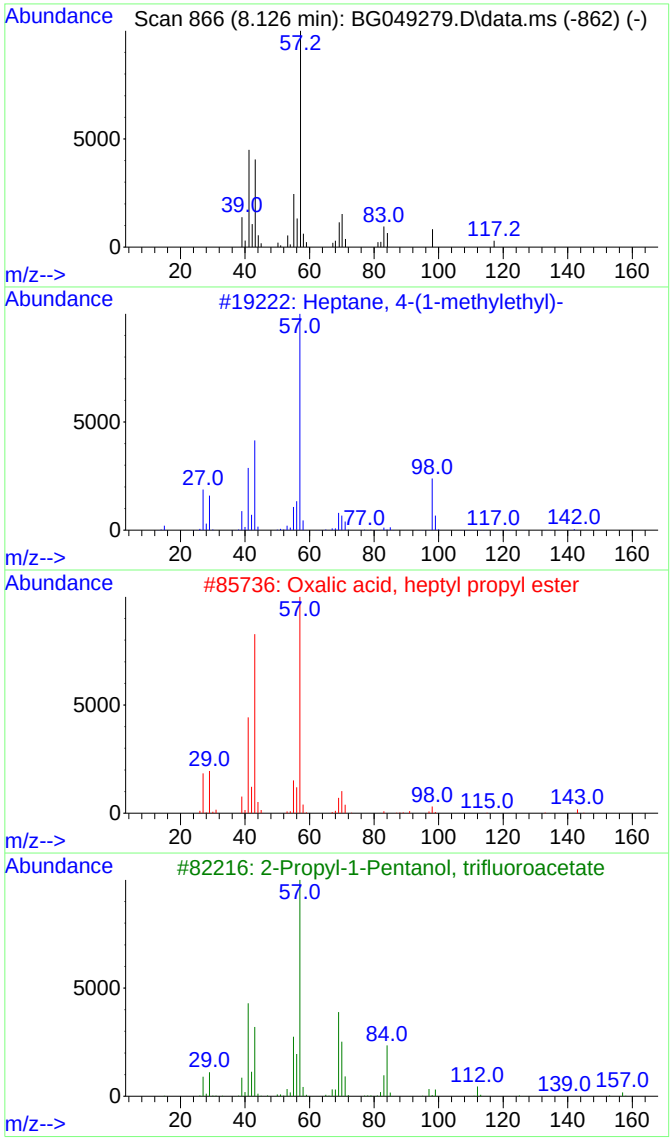
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

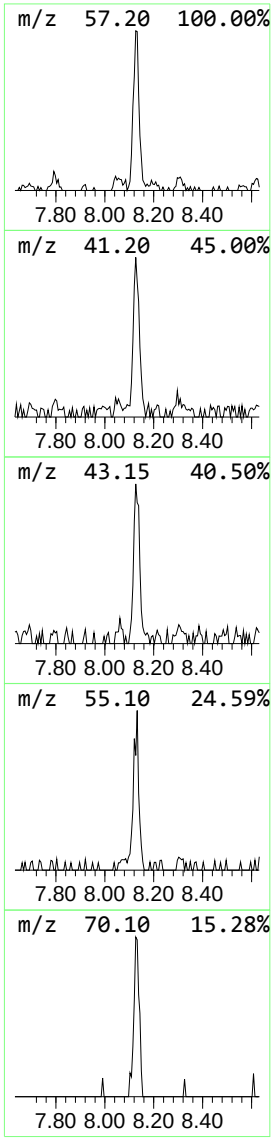
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.130	5.78 ng/ul	53730	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(1-methylethyl)-	142	C10H22	052896-87-4	59
2	Oxalic acid, heptyl propyl ester	230	C12H22O4	1000309-26-0	59
3	2-Propyl-1-Pentanol, trifluoroac...	226	C10H17F3O2	1000365-19-7	50
4	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	50
5	Heptyl isobutyl carbonate	216	C12H24O3	959068-08-7	50





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Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

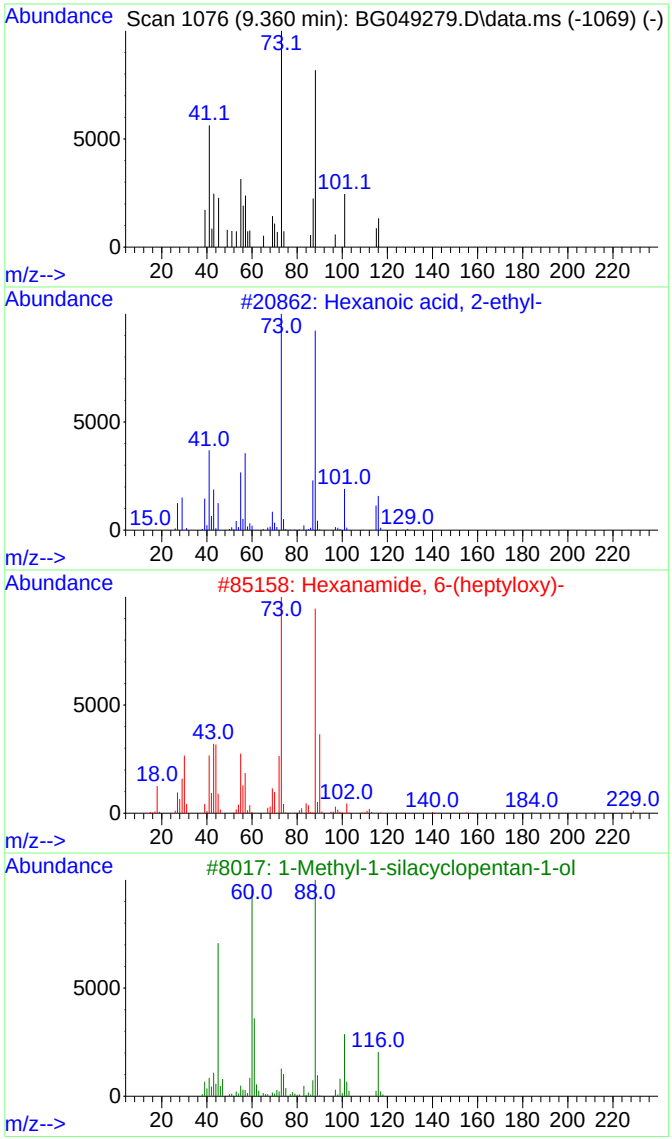
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

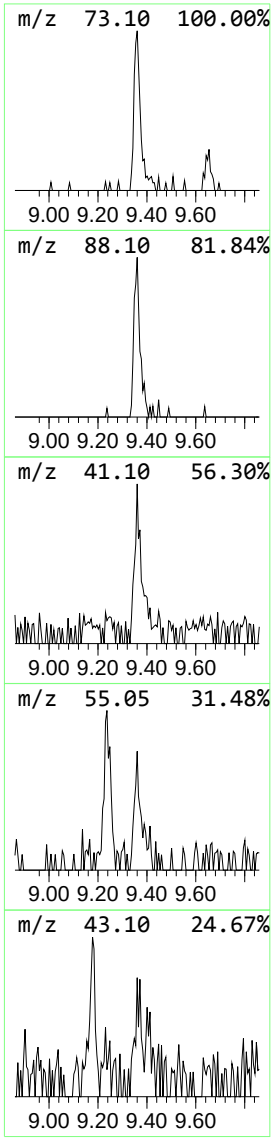
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.360	3.43 ng/ul	31921	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	38
3	1-Methyl-1-silacyclopentan-1-ol	116	C5H12OSi	1000216-84-4	25
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	25
5	Cyclohexaneacetic acid, .alpha.-...	170	C10H18O2	006051-00-9	23





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

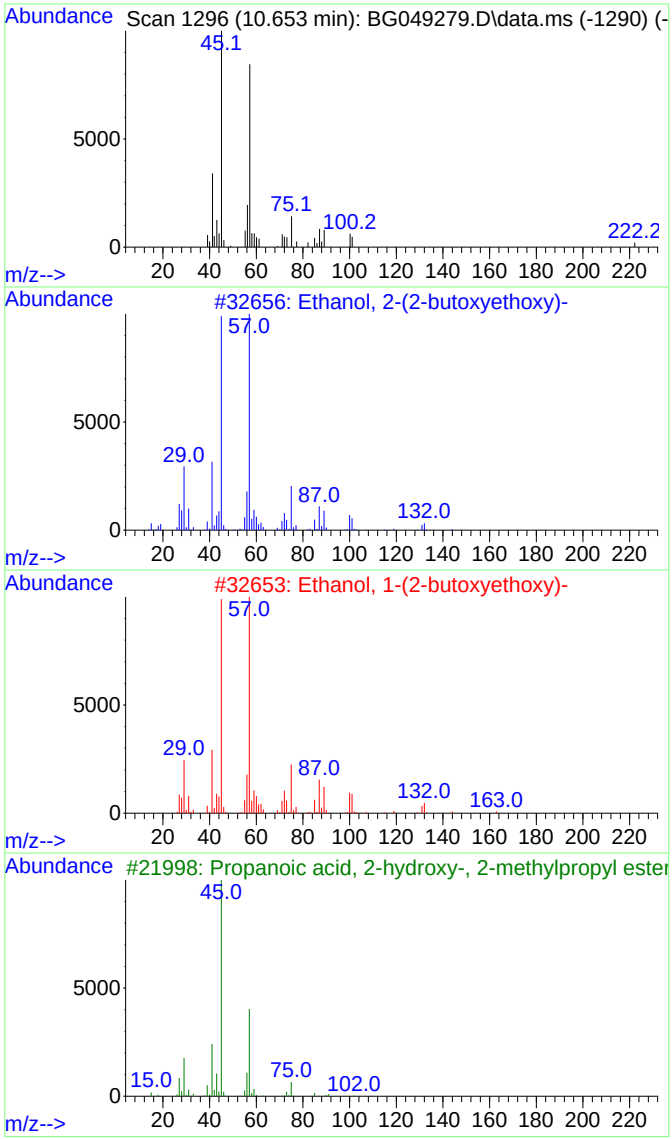
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

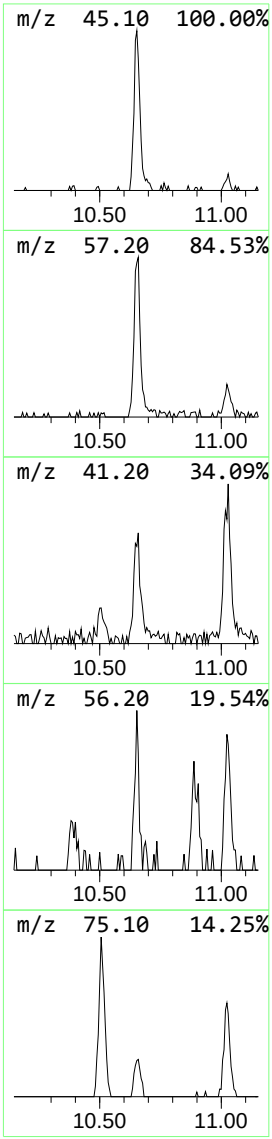
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.650	4.73 ng/ul	60122	Naphthalene-d8	10.894

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	72
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	64
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	59
5	Acetaldehyde, di-sec-butyl acetal	174	C10H22O2	005314-41-0	53





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

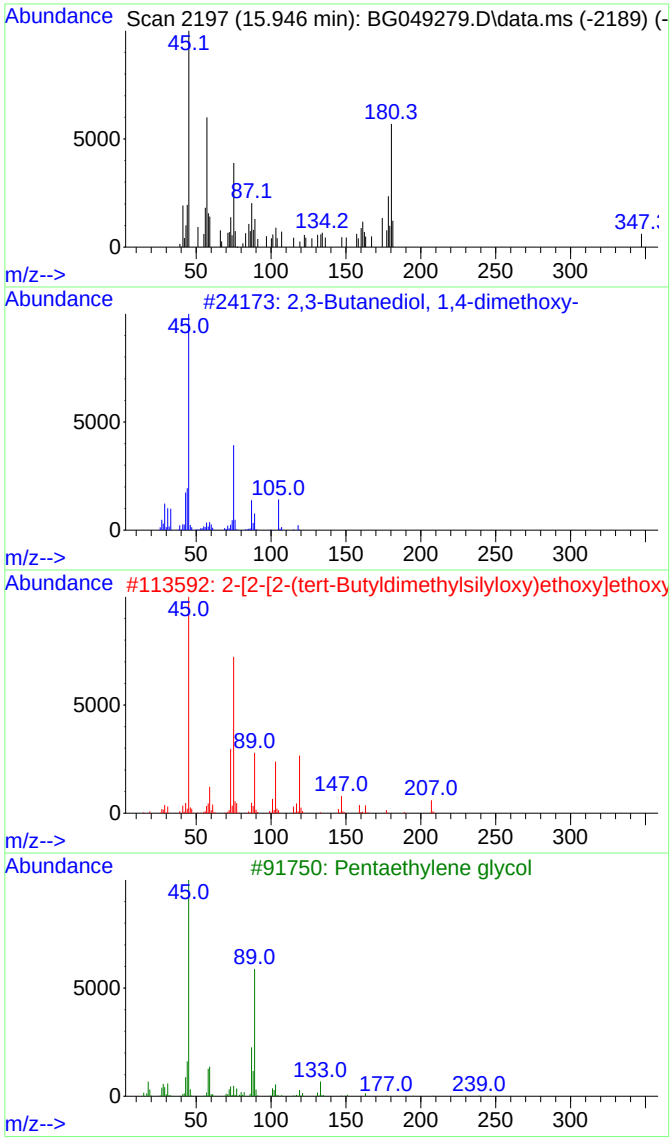
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

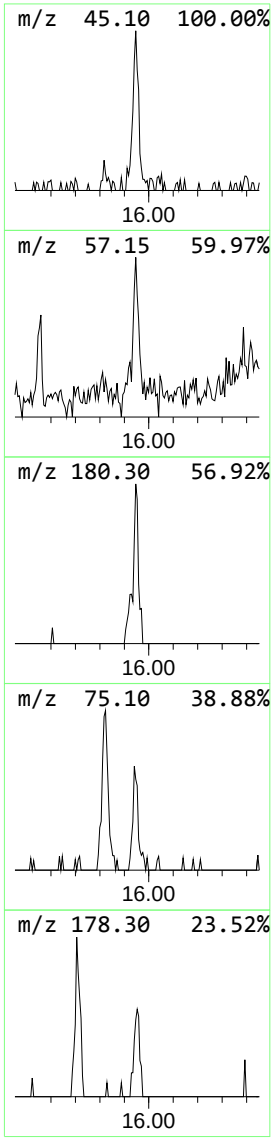
****

Peak Number 7 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.950	3.87 ng/ul	72919	Acenaphthene-d10	14.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol, 1,4-dimethoxy-	150	C6H14O4	119613-19-3	43
2	2-[2-[2-(tert-Butyldimethylsilyl...	264	C12H28O4Si	1000352-10-1	38
3	Pentaethylene glycol	238	C10H22O6	004792-15-8	27
4	2-[2-[2-[2-[2-[2-(2-Hydroxyet...	370	C16H34O9	005117-19-1	27
5	Hexaethylene glycol	282	C12H26O7	002615-15-8	27





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Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

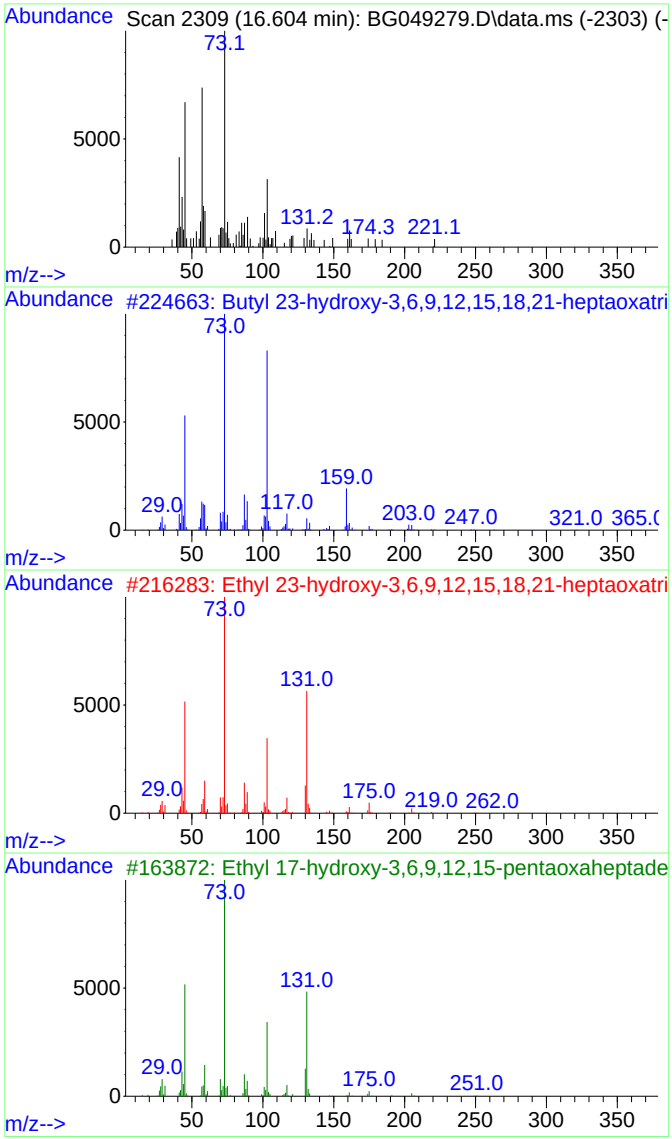
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

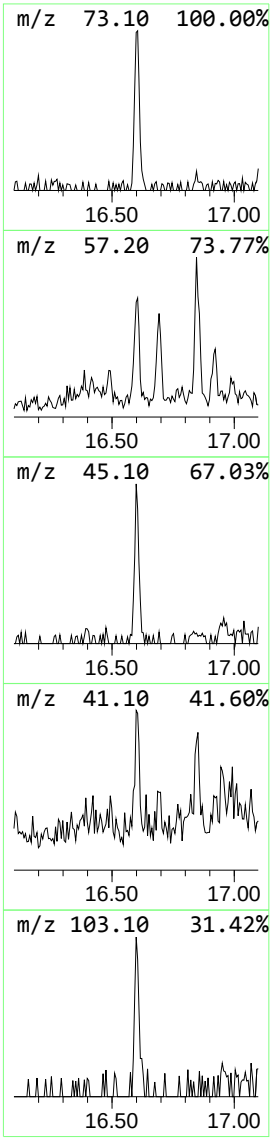
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Butyl 23-hydroxy-3,6,9,12,1... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.600	2.04 ng/ul	47447	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl 23-hydroxy-3,6,9,12,15,18,...	440	C20H40O10	1000366-83-2	59
2	Ethyl 23-hydroxy-3,6,9,12,15,18,...	412	C18H36O10	1000366-83-3	50
3	Ethyl 17-hydroxy-3,6,9,12,15-pen...	324	C14H28O8	1000366-83-4	47
4	(2-Ethoxyethoxy)acetic acid tms	220	C9H20O4Si	169597-16-4	43
5	Butane, 1,2,3,4-tetramethoxy-	178	C8H18O4	003011-85-6	43





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

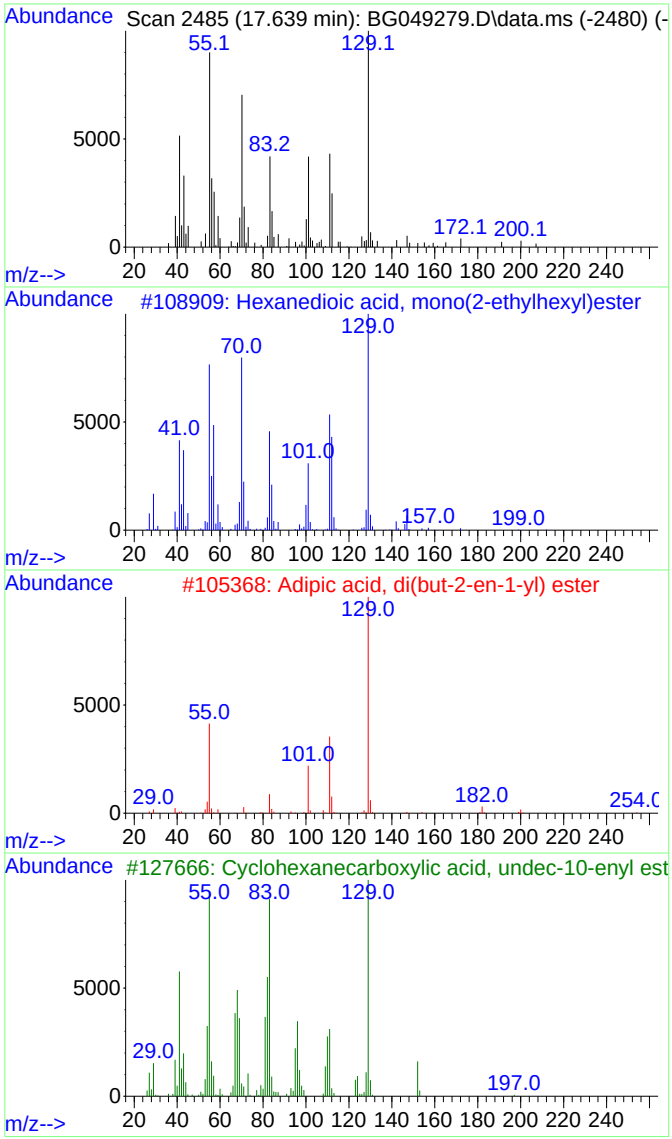
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

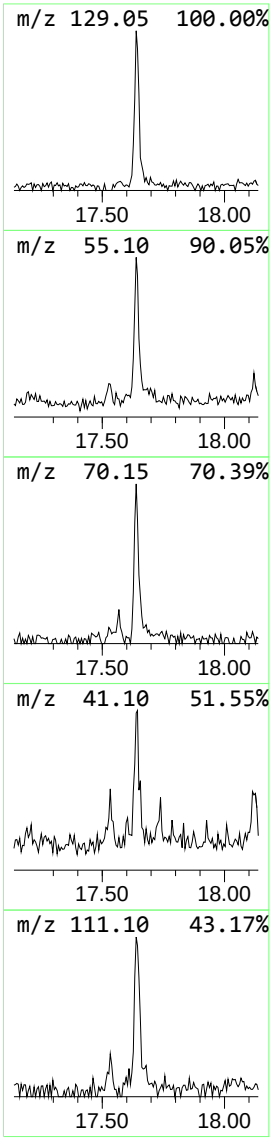
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Hexanedioic acid, mono(2-et... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.640	4.13 ng/ul	95948	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	50
2	Adipic acid, di(but-2-en-1-yl) e...	254	C14H22O4	1000324-71-1	47
3	Cyclohexanecarboxylic acid, unde...	280	C18H32O2	1000279-53-9	38
4	Cyclohexanecarboxylic acid, 8-ch...	274	C15H27ClO2	1000354-65-2	38
5	iso-Amyl tiglate	170	C10H18O2	066917-62-2	35





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Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

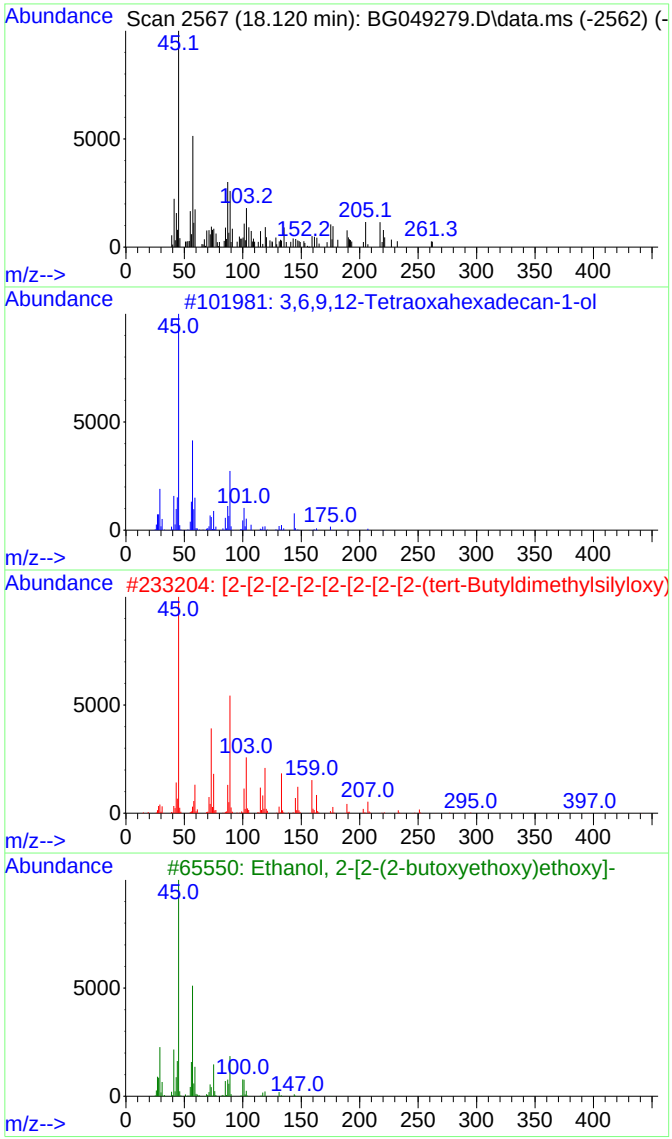
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

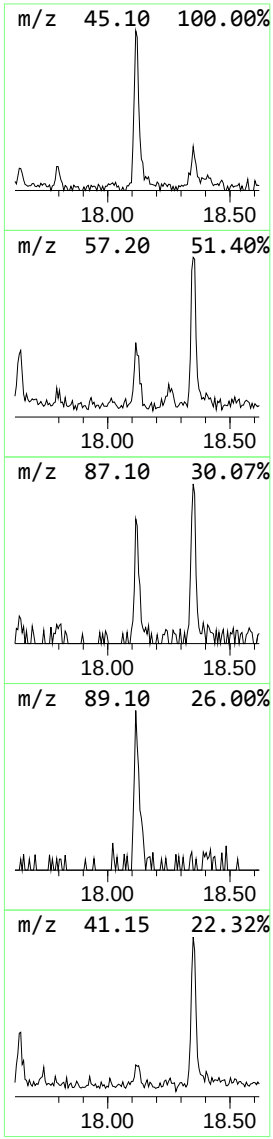
****

Peak Number 10 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.120	3.20 ng/ul	74356	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	49
2	[2-[2-[2-[2-[2-[2-[2-(tert-Bu...	484	C22H48O9Si	1000352-10-5	47
3	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	47
4	Diisopropyl ether	102	C6H14O	000108-20-3	43
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	43





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

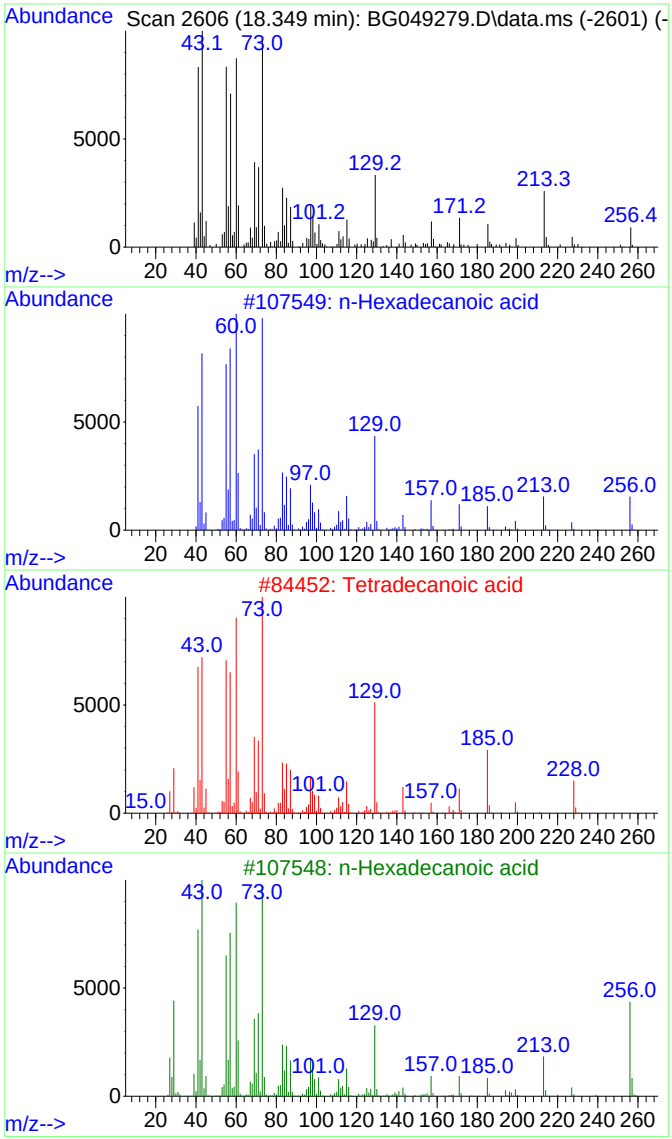
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

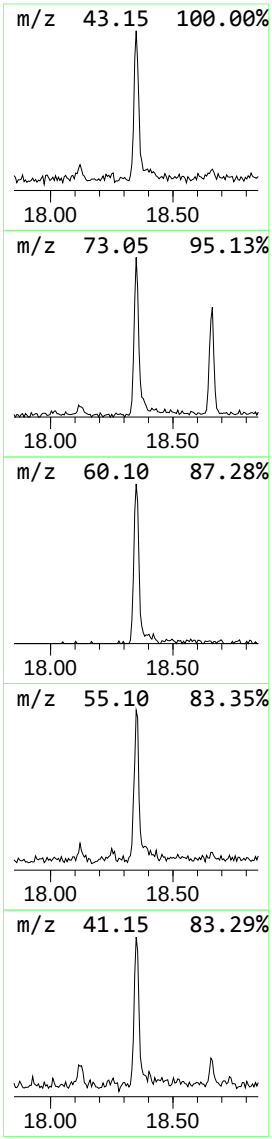
****

Peak Number 11 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.350	10.52 ng/ul	244140	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	81
5	Tridecanoic acid	214	C13H26O2	000638-53-9	81





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

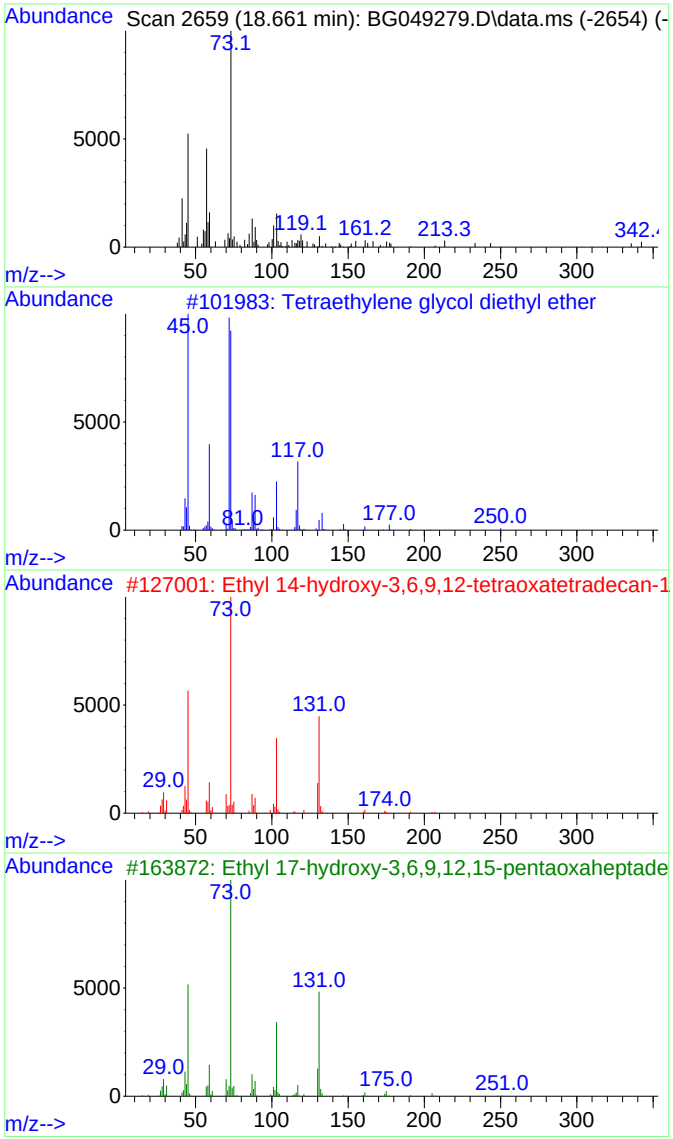
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

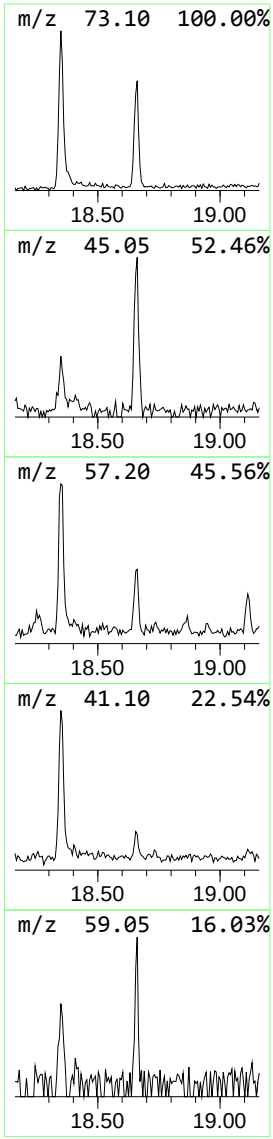
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Tetraethylene glycol diethy... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.660	2.33 ng/ul	54022	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetraethylene glycol diethyl ether	250	C12H26O5	004353-28-0	56
2	Ethyl 14-hydroxy-3,6,9,12-tetrao...	280	C12H24O7	1000366-83-5	50
3	Ethyl 17-hydroxy-3,6,9,12,15-pen...	324	C14H28O8	1000366-83-4	50
4	Butyl 14-hydroxy-3,6,9,12-tetrao...	308	C14H28O7	1000366-82-9	50
5	1,4,7,10,13,16,19-Heptaoxa-2-cyc...	322	C14H26O8	083410-52-0	50





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Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

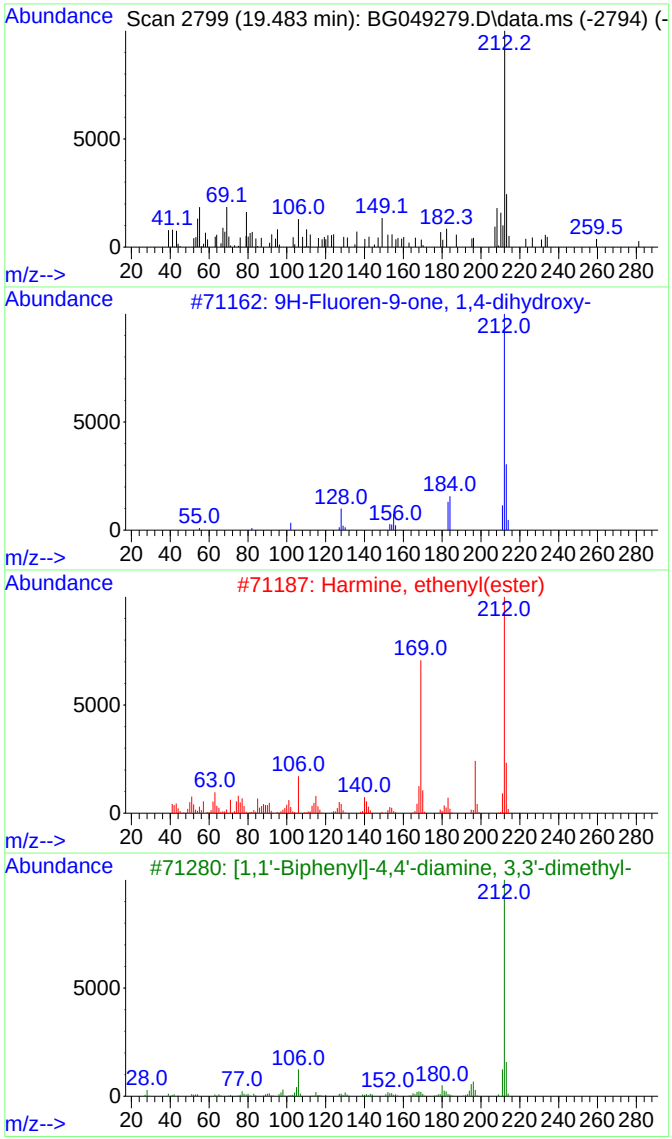
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

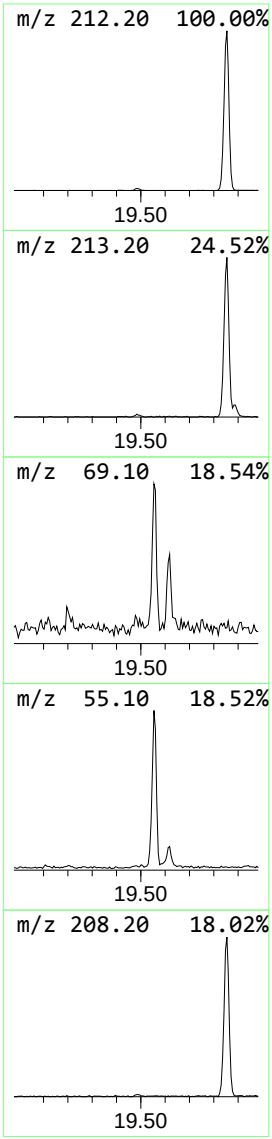
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9H-Fluoren-9-one, 1,4-dihyd... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.480	2.04 ng/ul	47368	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one, 1,4-dihydroxy-	212	C13H8O3	042523-22-8	53
2	Harmine, ethenyl(ester)	212	C14H12O2	074797-84-5	53
3	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	52
4	[1,1'-Biphenyl]-4,4'-diamine, 3,...	212	C14H16N2	000119-93-7	52
5	2,5-Dimethoxy-4-(methylthio)-ben...	212	C10H12O3S	061638-04-8	50





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Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

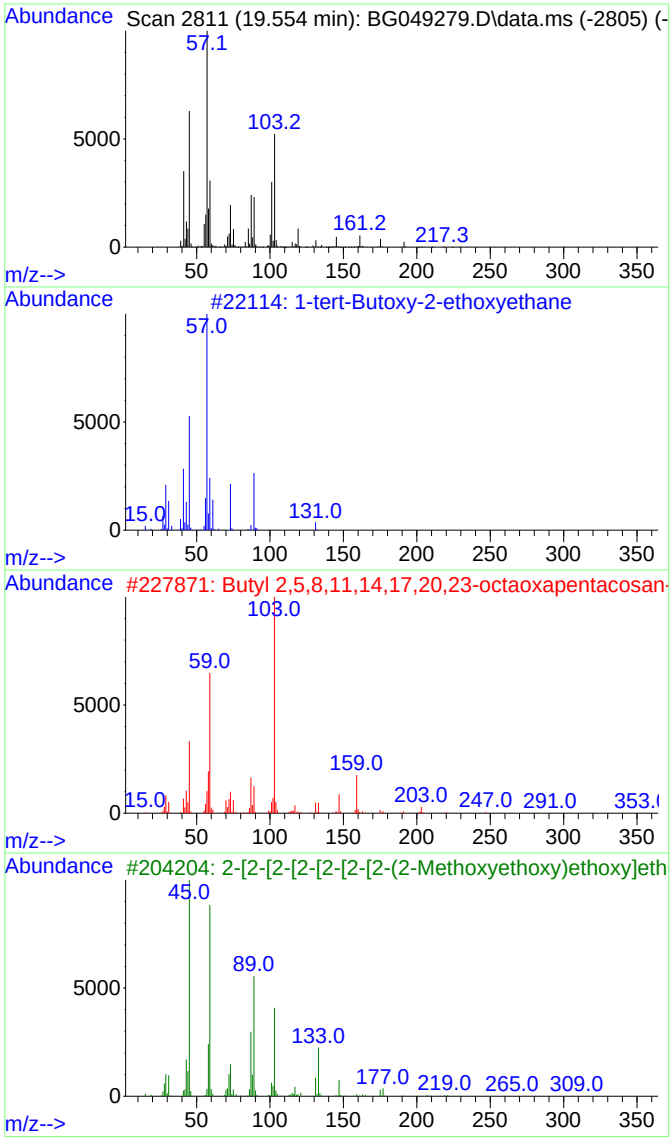
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

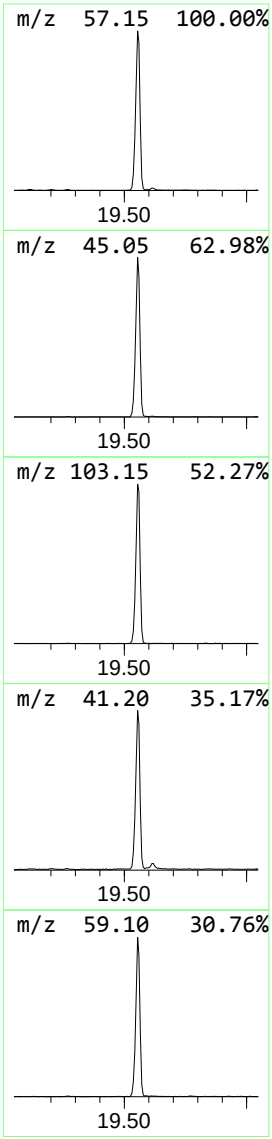
****

Peak Number 14 unknown-03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.550	168.93 ng/ul	3919940	Phenanthrene-d10	17.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-tert-Butoxy-2-ethoxyethane	146	C8H18O2	051422-54-9	43
2	Butyl 2,5,8,11,14,17,20,23-octao...	454	C21H42O10	1000366-81-8	35
3	2-[2-[2-[2-[2-[2-[2-(2-Methoxyet...	384	C17H36O9	1000352-04-2	27
4	3,6,9,12,15-Pentaoxanonadecan-1-ol	294	C14H30O6	001786-94-3	27
5	2,5,8,11,14,17-Hexaoxanonadecan-...	296	C13H28O7	023601-40-3	27





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Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

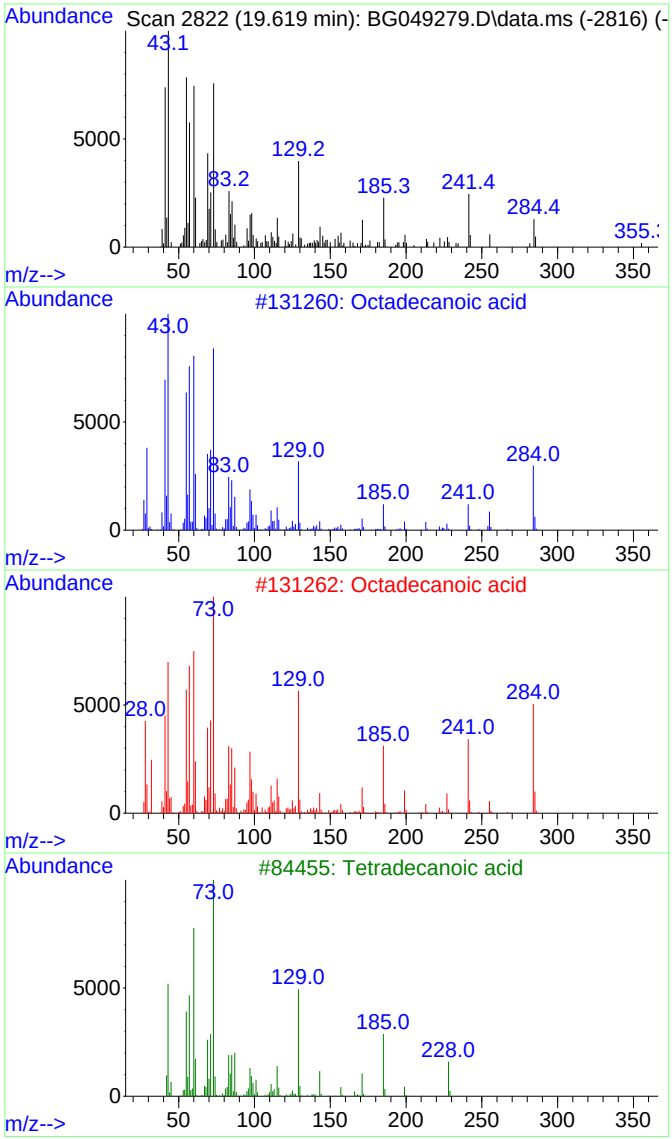
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

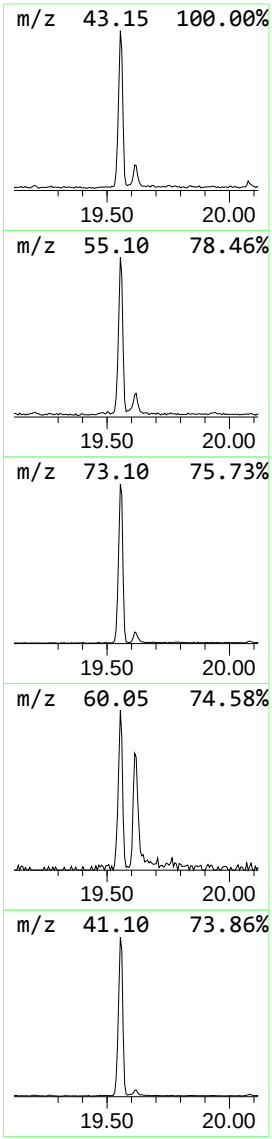
****

Peak Number 15 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.620	6.44 ng/ul	178903	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Octadecanoic acid	284	C18H36O2	000057-11-4	60





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Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AW5

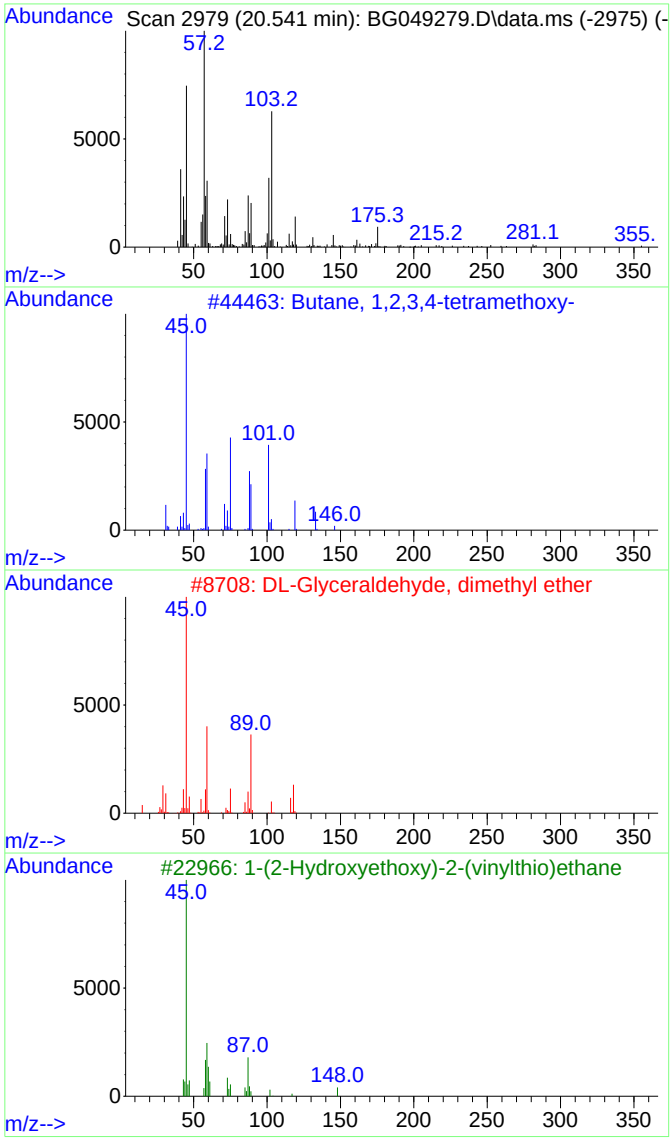
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

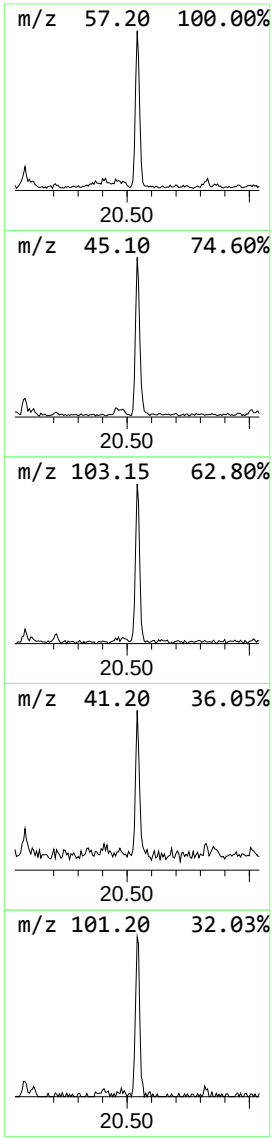
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Butane, 1,2,3,4-tetramethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.540	9.08 ng/ul	252200	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 1,2,3,4-tetramethoxy-	178	C8H18O4	003011-85-6	53
2	DL-Glyceraldehyde, dimethyl ether	118	C5H10O3	1000332-93-3	38
3	1-(2-Hydroxyethoxy)-2-(vinylthio...	148	C6H12O2S	086241-10-3	38
4	3,6,9,12-Tetraoxahexadecan-1-ol	250	C12H26O5	001559-34-8	38
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

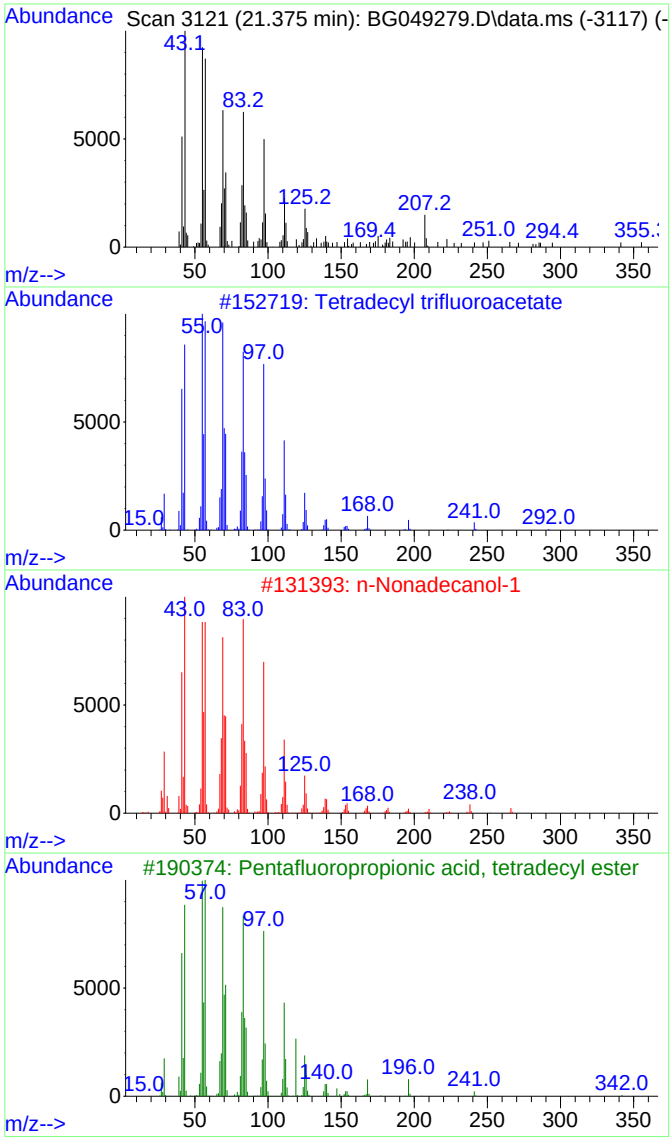
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

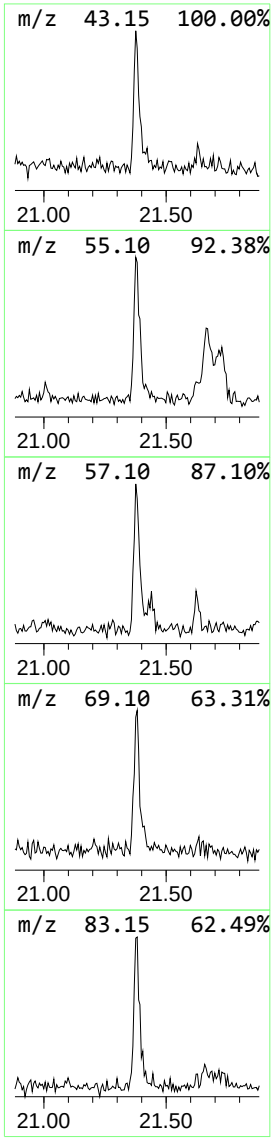
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Tetradecyl trifluoroacetate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.380	4.42 ng/ul	122888	Chrysene-d12	21.746

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	87
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	87
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	87
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	Cycloeicosane	280	C20H40	000296-56-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

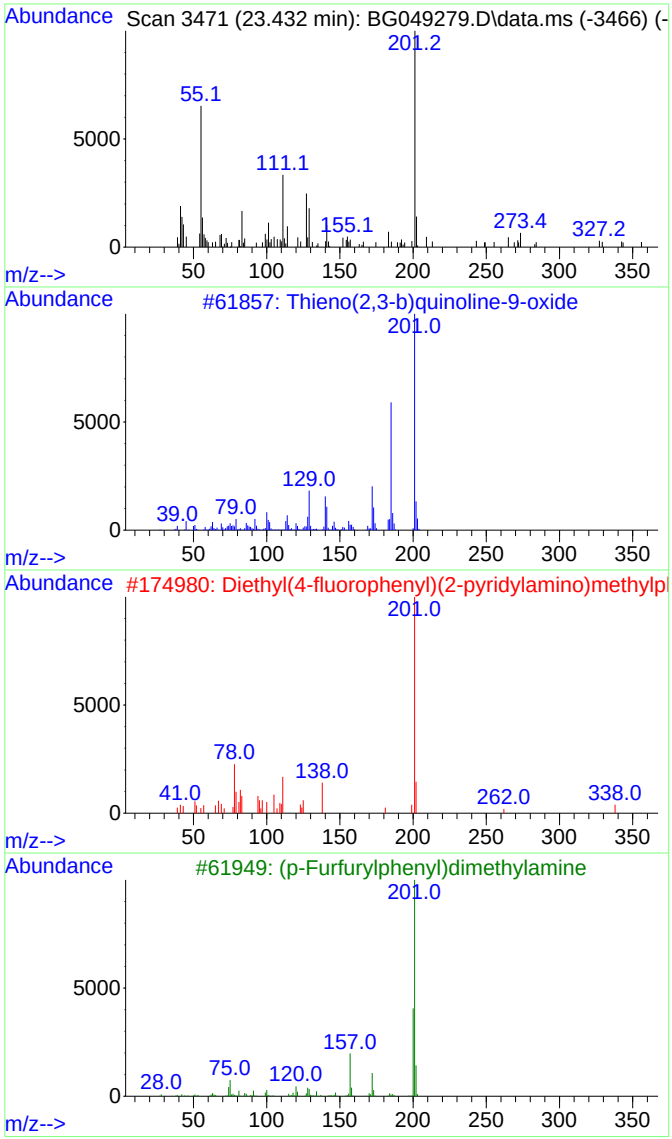
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

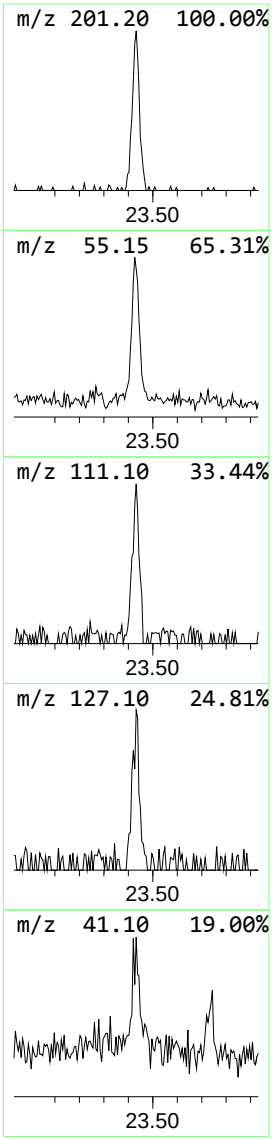
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Thieno(2,3-b)quinoline-9-oxide Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.430	3.16 ng/ul	91030	Perylene-d12	25.042

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thieno(2,3-b)quinoline-9-oxide	201	C11H7NOS	094734-32-4	50
2	Diethyl(4-fluorophenyl)(2-pyridy...	338	C16H20FN2O3P	1000298-98-9	43
3	(p-Furfurylphenyl)dimethylamine	201	C13H15NO	100371-88-8	43
4	Ethyl diphenylphosphinite	230	C14H15OP	000719-80-2	38
5	Methyl p-(1-pyrrolyl)benzoate	201	C12H11NO2	023351-08-8	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049279.D
Acq On : 10 Jul 2021 23:53
Operator : CG/JU
Sample : M2910-04
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AW5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	21.6	ng/ul	200584	1	8.073	185906	20.0
Butane, 2-metho...	3.200	8.1	ng/ul	74804	1	8.073	185906	20.0
Toluene	4.220	7.2	ng/ul	66698	1	8.073	185906	20.0
(DEL) Alkane: S...	8.130	5.8	ng/ul	53730	1	8.073	185906	20.0
Hexanoic acid, ...	9.360	3.4	ng/ul	31921	1	8.073	185906	20.0
Ethanol, 2-(2-b...	10.650	4.7	ng/ul	60122	2	10.894	253951	20.0
unknown-01	15.950	3.9	ng/ul	72919	3	14.718	376750	20.0
Butyl 23-hydrox...	16.600	2.0	ng/ul	47447	4	17.468	464087	20.0
Hexanedioic aci...	17.640	4.1	ng/ul	95948	4	17.468	464087	20.0
unknown-02	18.120	3.2	ng/ul	74356	4	17.468	464087	20.0
n-Hexadecanoic ...	18.350	10.5	ng/ul	244140	4	17.468	464087	20.0
Tetraethylene g...	18.660	2.3	ng/ul	54022	4	17.468	464087	20.0
9H-Fluoren-9-on...	19.480	2.0	ng/ul	47368	4	17.468	464087	20.0
unknown-03	19.550	168.9	ng/ul	3919940	4	17.468	464087	20.0
Octadecanoic acid	19.620	6.4	ng/ul	178903	5	21.746	555462	20.0
Butane, 1,2,3,4...	20.540	9.1	ng/ul	252200	5	21.746	555462	20.0
Tetradecyl trif...	21.380	4.4	ng/ul	122888	5	21.746	555462	20.0
Thieno(2,3-b)qu...	23.430	3.2	ng/ul	91030	6	25.042	575429	20.0