LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049776.D
Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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: BG049776.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.144	13	18	31	rVB	367860	602132	86.82%	6.109%
2	3.849	135	138	146	rBV2	26279	44079	6.36%	0.447%
3	3.948	151	155	164	rVB2	18313	31897	4.60%	0.324%
4	4.172	188	193	197	rBV3	4990	6768	0.98%	0.069%
5	4.736	283	289	295	rBV5	3254	7548	1.09%	0.077%
6	5.200	364	368	369	rBV4	3933	4481	0.65%	0.045%
7	5.652	438	445	448	rBV4	6396	9813	1.41%	0.100%
8	6.022	504	508	513	rBV5	5266	9538	1.38%	0.097%
9	7.197	699	708	715	rBV	87520	165618	23.88%	1.680%
10	7.356	728	735	745	rBV	60958	107197	15.46%	1.088%
11	7.567	763	771	779	rVV	88730	162400	23.42%	1.648%
12	7.649	781	785	788	rVV3	7824	10084	1.45%	0.102%
13	7.679	788	790	795	rVB2	4377	5117	0.74%	0.052%
14	8.031	841	850	857	rBV	146390	272159	39.24%	2.761%
15	8.677	955	960	966	rVB4	3258	5730	0.83%	0.058%
16	8.748	966	972	983	rBV2	70081	127210	18.34%	1.291%
17	8.936	1000	1004	1010	rVB2	2265	4176	0.60%	0.042%
18	9.206	1042	1050	1056	rVV	91057	166871	24.06%	1.693%
19	9.259	1057	1059	1063	rVB2	7523	7577	1.09%	0.077%
20	9.929	1165	1173	1182	rBV2	86614	162582	23.44%	1.649%
21	10.481	1259	1267	1276	rVV2	118896	221395	31.92%	2.246%
22	10.616	1284	1290	1301	rVV2	84739	153850	22.18%	1.561%
23	10.857	1319	1331	1337	rBV	216535	396082	57.11%	4.018%
24	10.992	1348	1354	1363	rBV3	49988	101214	14.59%	1.027%
25	11.562	1445	1451	1454	rVB4	4142	5481	0.79%	0.056%
26	11.756	1480	1484	1488	rBV3	2702	4605	0.66%	0.047%
27	11.861	1499	1502	1507	rVV3	9314	14598	2.10%	0.148%
28	12.261	1564	1570	1575	rVV2	13078	20155	2.91%	0.204%
29	12.519	1608	1614	1621	rVB	15897	26294	3.79%	0.267%
30	12.737	1646	1651	1655	rVV	7969	13846	2.00%	0.140%
31	12.960	1687	1689	1693	rVB4	4725	4917	0.71%	0.050%
32	13.212	1727	1732	1736	rVV5	5663	10106	1.46%	0.103%
33	13.289	1739	1745	1752	rVV4	3113	6610	0.95%	0.067%
34	13.494	1775	1780	1789	rBV5	16723	35328	5.09%	0.358%
35	13.565	1789	1792	1795	rBV3	3578	4373	0.63%	0.044%
36	13.847	1836	1840	1842	rBV3	6759	9917	1.43%	0.101%

LSC Area Percent Report

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Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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	13.958	1856	1859	1862	rVV3	2609	4152	0.60%	0.042%
38	14.005	1862	1867	1872	rVV2	13332	24046	3.47%	0.244%
39	14.082	1872	1880	1888	rVV	219743	366089	52.78%	3.714%
40	14.152	1888	1892	1896	rVB3	8074	11444	1.65%	0.116%
41	14.246	1904	1908	1910	rBV2	6268	7994	1.15%	0.081%
42	14.381	1925	1931	1943	rVB	246929	390872	56.36%	3.966%
43	14.569	1958	1963	1968	rVB3	19472	27809	4.01%	0.282%
44	14.687	1972	1983	1990	rBV	348148	559545	80.68%	5.677%
45	14.769	1994	1997	2003	rVB3	5180	7803	1.13%	0.079%
46	14.898	2012	2019	2029	rBV2	86872	167062	24.09%	1.695%
47	15.039	2039	2043	2046	rVV3	9270	9027	1.30%	0.092%
48	15.086	2046	2051	2056	rVB5	12101	19921	2.87%	0.202%
49	15.163	2061	2064	2067	rBV3	6541	7630	1.10%	0.077%
50	15.298	2084	2087	2093	rVV4	8206	11629	1.68%	0.118%
51	15.357	2093	2097	2100	rVV3	9251	11248	1.62%	0.114%
52	15.427	2105	2109	2111	rVV3	3315	5001	0.72%	0.051%
53	15.474	2113	2117	2120	rVV5	9339	13674	1.97%	0.139%
54	15.521	2120	2125	2131	rVB2	23647	31956	4.61%	0.324%
55	15.680	2144	2152	2158	rBV	315047	481317	69.40%	4.883%
56	15.803	2168	2173	2181	rBV	98121	151825	21.89%	1.540%
57	15.926	2188	2194	2200	rBV7	7470	16093	2.32%	0.163%
58	16.020	2206	2210	2216	rVB5	8626	15813	2.28%	0.160%
59	16.126	2222	2228	2229	rBV5	5203	7788	1.12%	0.079%
60	16.173	2233	2236	2240	rVV3	5889	8387	1.21%	0.085%
61	16.273	2249	2253	2255	rVV4	4155	5850	0.84%	0.059%
62	16.385	2268	2272	2274	rBV3	25405	35310	5.09%	0.358%
63	16.555	2299	2301	2306	rVB5	3585	5330	0.77%	0.054%
64	16.749	2332	2334	2336	rVV3	7037	6106	0.88%	0.062%
65	16.796	2339	2342	2345	rVB4	6033	5867	0.85%	0.060%
66	16.896	2356	2359	2361	rVB3	5780	5993	0.86%	0.061%
67	16.972	2364	2372	2374	rBV5	14509	27921	4.03%	0.283%
68	17.095	2388	2393	2400	rBV5	15345	26635	3.84%	0.270%
69	17.178	2401	2407	2411	rVB4	33837	44974	6.48%	0.456%
70	17.260	2418	2421	2427	rVB3	7748	10328	1.49%	0.105%
71	17.389	2439	2443	2445	rBV4	4801	4530	0.65%	0.046%
72	17.442	2445	2452	2456	rBV	392978	610642	88.04%	6.195%
73	17.483	2456	2459	2463	rVV	51710	73554	10.61%	0.746%
74	17.542	2463	2469	2478	rVB	284521	457177	65.92%	4.638%
75	17.624	2479	2483	2484	rBV3	4992	6240	0.90%	0.063%
76	17.747	2502	2504	2513	rVB4	16020	27656	3.99%	0.281%

LSC Area Percent Report

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Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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

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

77	17.818	2513	2516	2519	rBV3	5057	8341	1.20%	0.085%
78	17.918	2530	2533	2537	rVB3	28271	33536	4.84%	0.340%
79	17.959	2537	2540	2546	rVB6	4215	5625	0.81%	0.057%
80	18.024	2547	2551	2556	rVB6	10561	17284	2.49%	0.175%
81	18.094	2559	2563	2566	rBV	22923	26071	3.76%	0.265%
82	18.317	2596	2601	2605	rBV2	41737	65007	9.37%	0.660%
83	18.364	2605	2609	2616	rVB3	40544	69785	10.06%	0.708%
84	18.505	2628	2633	2638	rBV3	26885	45746	6.60%	0.464%
85	18.546	2638	2640	2646	rVB2	21878	27437	3.96%	0.278%
86	18.611	2646	2651	2656	rBV2	28311	46636	6.72%	0.473%
87	18.811	2682	2685	2690	rVB	25995	37602	5.42%	0.381%
88	18.858	2690	2693	2697	rBV5	8406	13203	1.90%	0.134%
89	19.110	2733	2736	2740	rBV5	12292	19171	2.76%	0.194%
90	19.146	2740	2742	2746	rVB3	8963	8686	1.25%	0.088%
91	19.234	2752	2757	2760	rBV3	49389	81463	11.75%	0.826%
92	19.369	2777	2780	2788	rVB8	12900	32887	4.74%	0.334%
93	19.492	2796	2801	2806	rVB	102759	143574	20.70%	1.457%
94	19.827	2852	2858	2871	rVB3	386546	693561	100.00%	7.037%
95	20.344	2943	2946	2949	rVB2	35636	44586	6.43%	0.452%
96	20.837	3027	3030	3034	rBV6	20178	24910	3.59%	0.253%
97	21.348	3113	3117	3123	rBV4	59018	90705	13.08%	0.920%
98	21.719	3174	3180	3186	rBV2	373733	657947	94.87%	6.675%
99	24.773	3693	3700	3709	rVB2	154568	386235	55.69%	3.919%
100	25.002	3731	3739	3748	rVB2	219141	622583	89.77%	6.316%

Sum of corrected areas: 9856567

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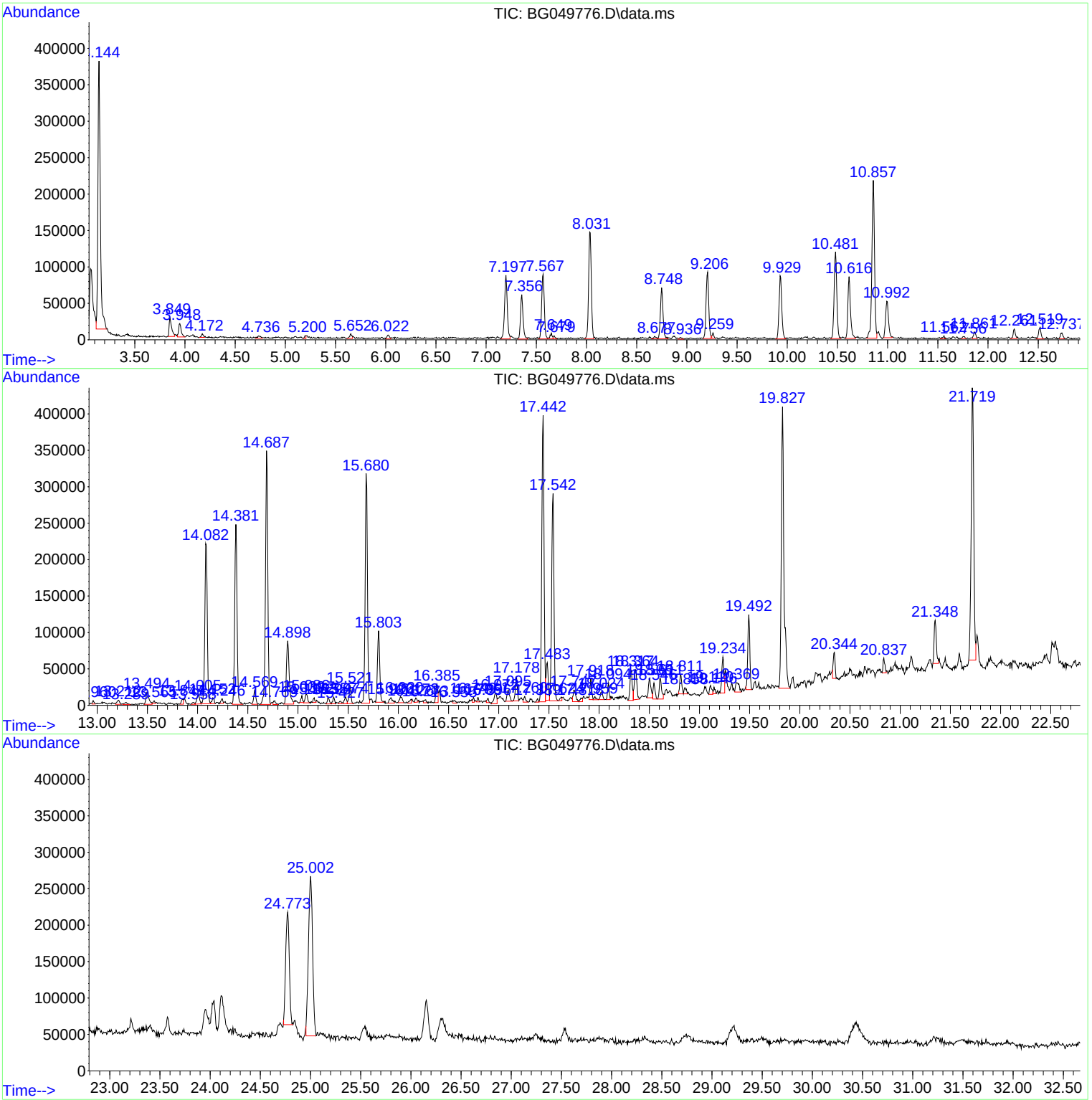
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C00E0

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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Sample : M3182-22
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ClientSampleId :
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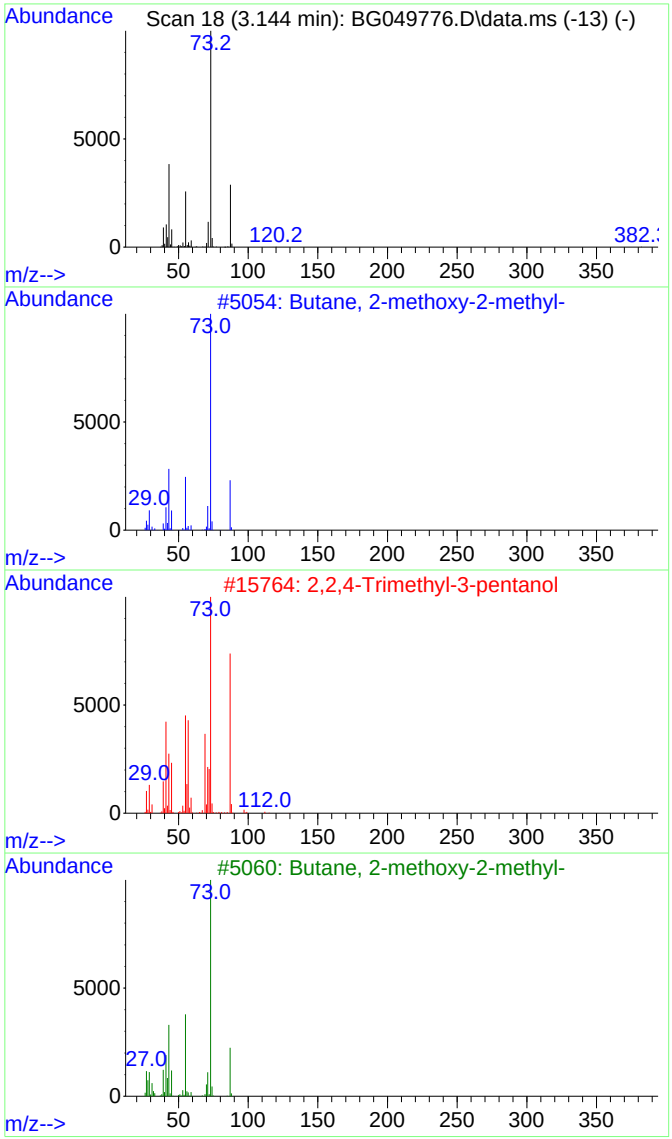
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

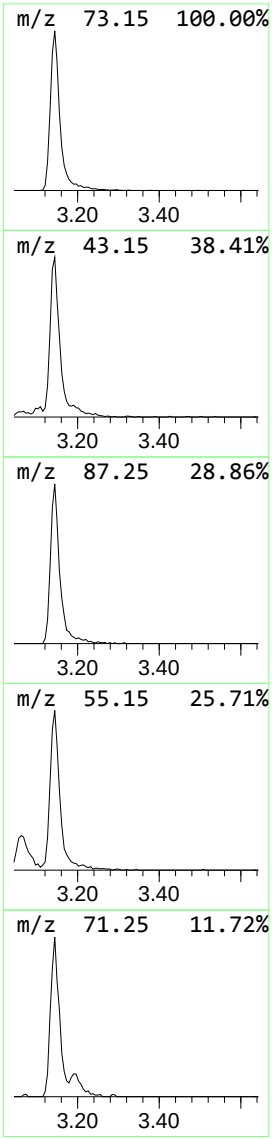
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.144	44.25 ng/ul	602132	1,4-Dichlorobenzene-d4	8.031

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	36
4	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	17
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049776.D
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Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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

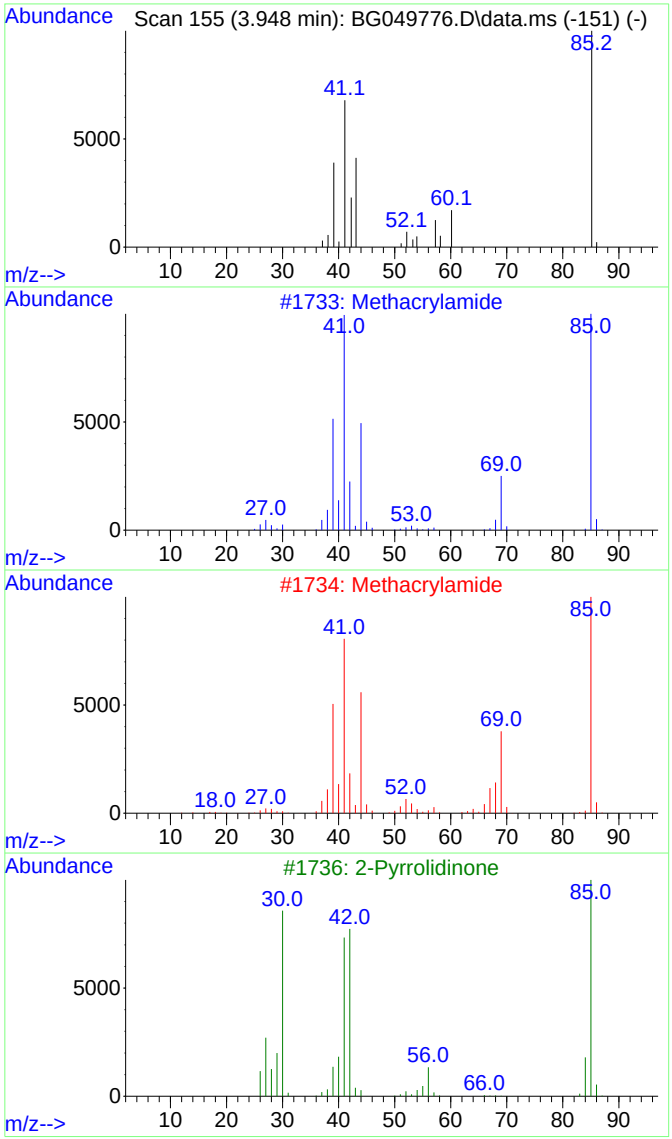
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

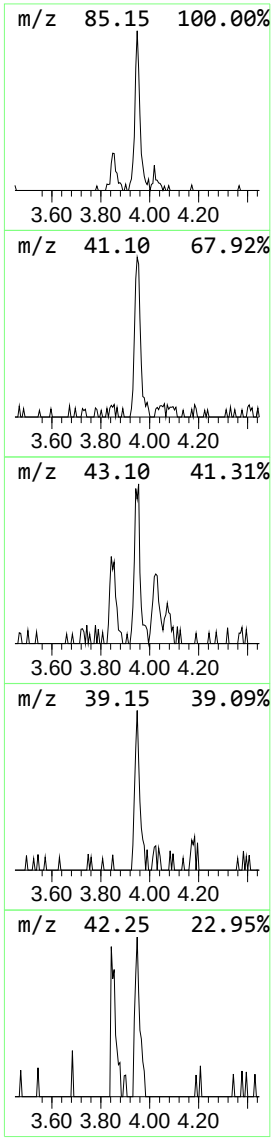
****

Peak Number 2 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.948	2.34 ng/ul	31897	1,4-Dichlorobenzene-d4	8.031

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	38
2	Methacrylamide	85	C4H7NO	000079-39-0	36
3	2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4	(CH3)2C=CHCN	81	C5H7N	004786-24-7	9
5	1-Propene, 3,3'-oxybis-	98	C6H10O	000557-40-4	9





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BNA_G
ClientSampleId :
C00E0

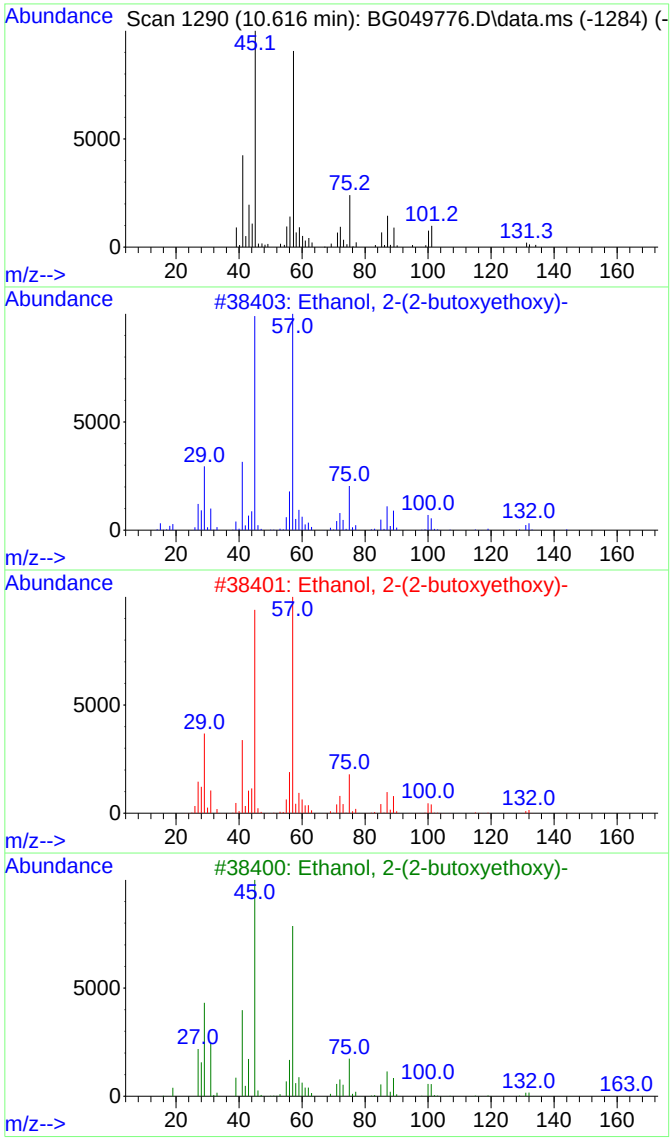
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

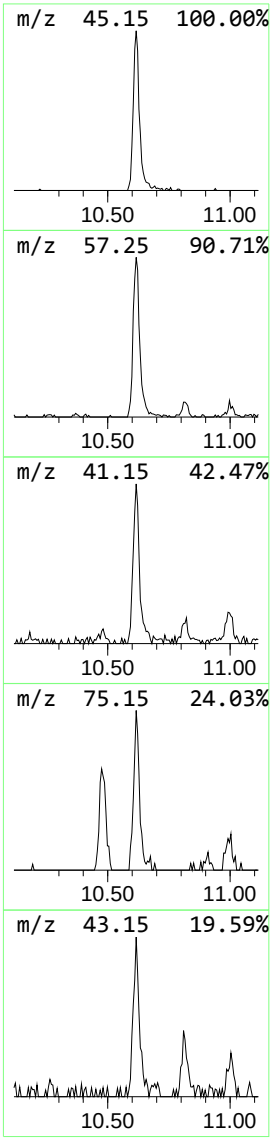
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.616	7.77 ng/ul	153850	Naphthalene-d8	10.857

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
3	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	74
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	53





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

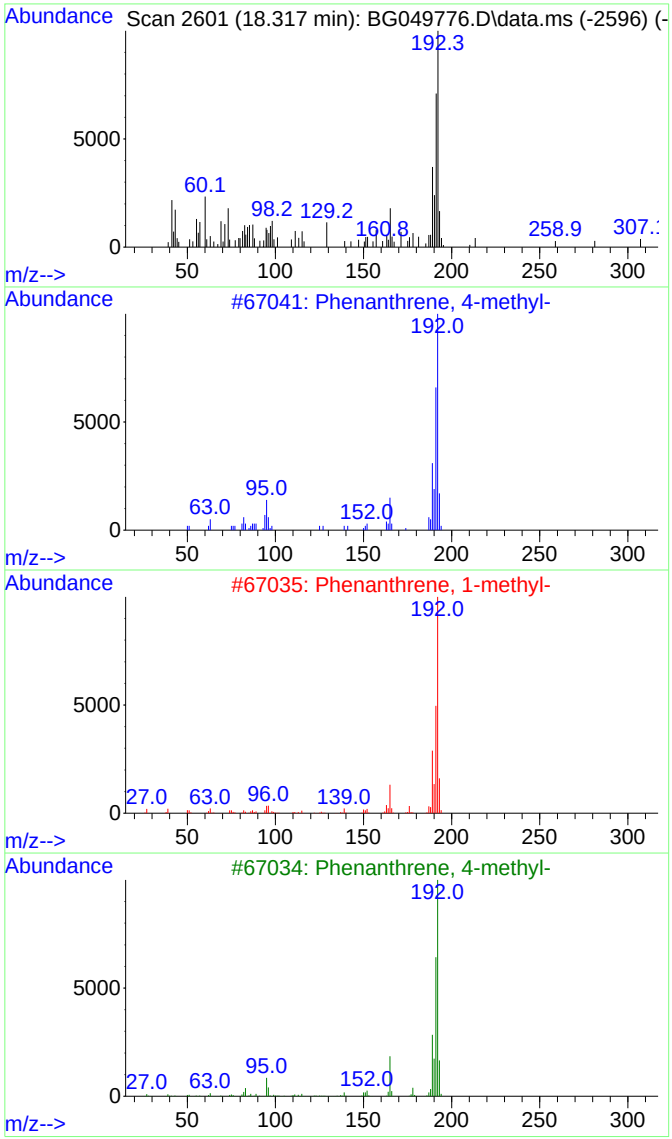
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

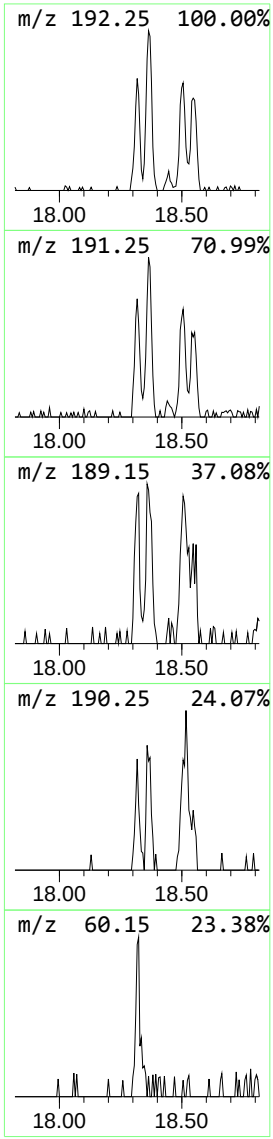
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	2.13 ng/ul	65007	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	92
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	74





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Data File : BG049776.D
Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

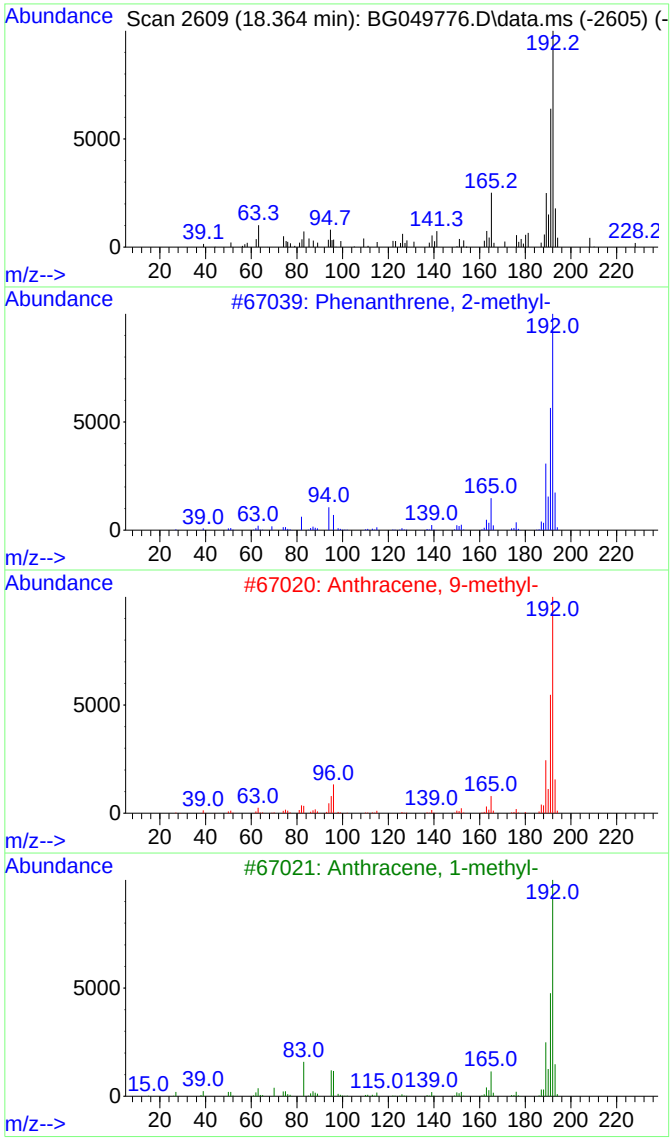
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

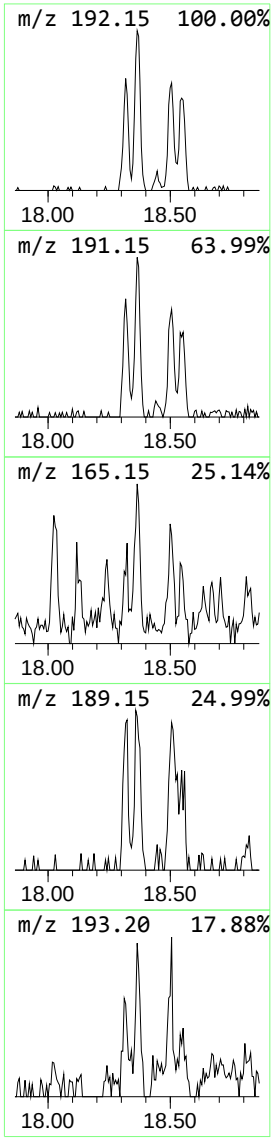
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.364	2.29 ng/ul	69785	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Data File : BG049776.D
Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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

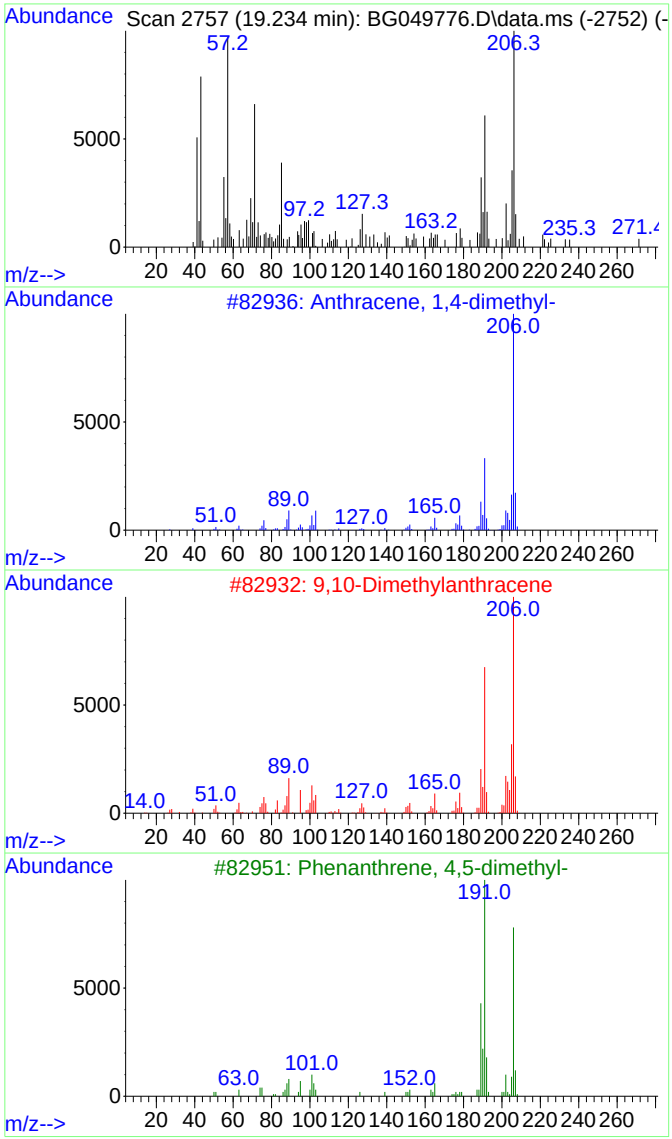
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

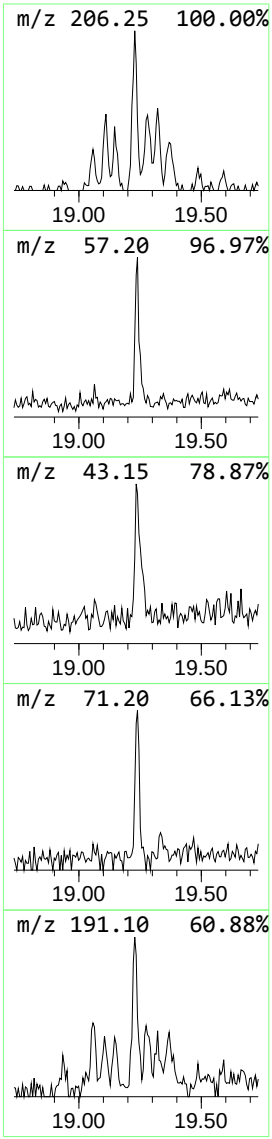
****

Peak Number 6 Anthracene, 1,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.234	2.67 ng/ul	81463	Phenanthrene-d10	17.442

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	55
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	55
3	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	49
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	49
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049776.D
Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

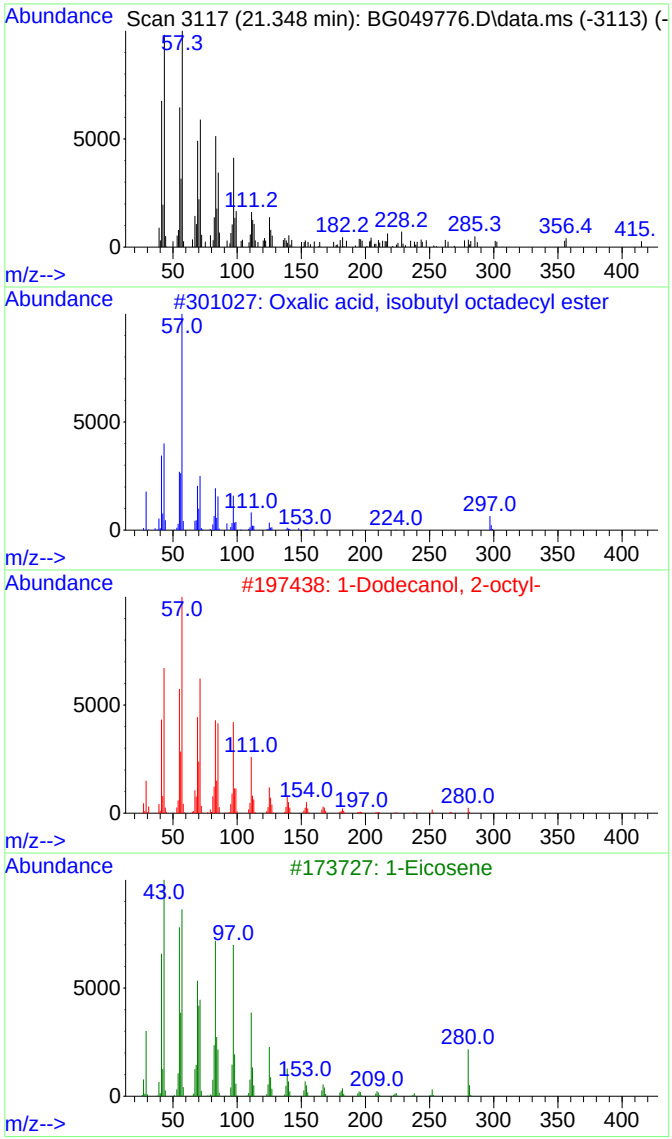
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG080421.M
Quant Title : SVOA CALIBRATION

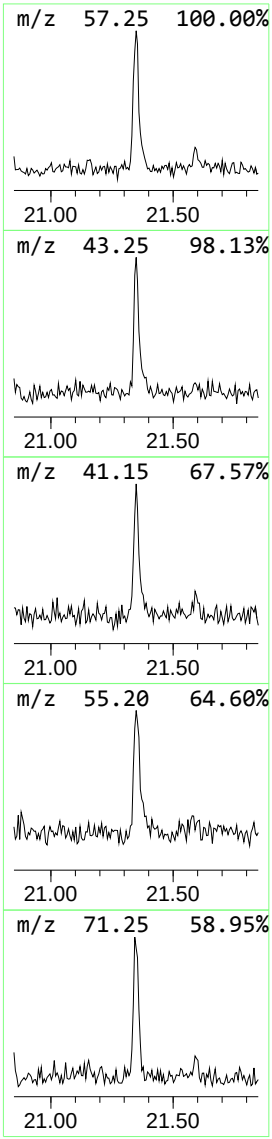
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Oxalic acid, isobutyl octad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.348	2.76 ng/ul	90705	Chrysene-d12	21.718

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl octadecyl ...	398	C24H46O4	1000309-38-3	87
2	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	87
3	1-Eicosene	280	C20H40	003452-07-1	86
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	83
5	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081021\
Data File : BG049776.D
Acq On : 11 Aug 2021 4:48
Operator : CG/JU
Sample : M3182-22
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C00E0

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...	3.144	44.3	ng/ul	602132	1	8.031	272159	20.0
unknown-01	3.948	2.3	ng/ul	31897	1	8.031	272159	20.0
Ethanol, 2-(2-b...	10.616	7.8	ng/ul	153850	2	10.857	396082	20.0
Phenanthrene, 4...	18.317	2.1	ng/ul	65007	4	17.442	610642	20.0
Phenanthrene, 2...	18.364	2.3	ng/ul	69785	4	17.442	610642	20.0
Anthracene, 1,4...	19.234	2.7	ng/ul	81463	4	17.442	610642	20.0
Oxalic acid, is...	21.348	2.8	ng/ul	90705	5	21.718	657947	20.0