LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : A4C81

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-BG062024.MA.M
Title : SVOA CALIBRATION

Signal : TIC: BG061703.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.467	28	30	38	rVB5	21702	31511	1.59%	0.139%
2	3.590	49	51	54	rBV3	4448	5020	0.25%	0.022%
3	3.737	72	76	83	rBV	31908	41040	2.07%	0.181%
4	3.884	97	101	110	rBV	206107	327518	16.48%	1.448%
5	4.795	252	256	257	rBV4	2995	4476	0.23%	0.020%
6	5.147	313	316	321	rVB5	8875	14453	0.73%	0.064%
7	6.081	472	475	477	rBV3	4985	4679	0.24%	0.021%
8	6.134	479	484	488	rVV	14133	23892	1.20%	0.106%
9	6.163	488	489	493	rVB3	5129	4425	0.22%	0.020%
10	6.275	502	508	509	rBV4	2778	4864	0.24%	0.022%
11	6.645	569	571	574	rBV3	3332	4155	0.21%	0.018%
12	6.751	583	589	594	rBV2	106712	168746	8.49%	0.746%
13	7.068	632	643	646	rVB10	10980	26144	1.32%	0.116%
14	7.215	659	668	676	rBV2	272841	486607	24.49%	2.152%
15	7.397	692	699	707	rBV2	189297	320326	16.12%	1.416%
16	7.509	712	718	727	rVV	209875	353153	17.77%	1.562%
17	7.597	727	733	740	rVV	245468	426084	21.44%	1.884%
18	7.656	740	743	748	rVV2	13016	19728	0.99%	0.087%
19	7.967	793	796	799	rVB4	3546	4472	0.23%	0.020%
20	8.073	807	814	821	rBV	217757	366372	18.44%	1.620%
21	8.126	821	823	829	rVB6	10293	16678	0.84%	0.074%
22	8.173	829	831	835	rBV4	4123	4519	0.23%	0.020%
23	8.285	842	850	857	rBV9	6637	16238	0.82%	0.072%
24	8.349	857	861	866	rVV6	6803	10970	0.55%	0.049%
25	8.437	871	876	877	rBV3	3053	3848	0.19%	0.017%
26	8.596	902	903	908	rVB5	4008	4325	0.22%	0.019%
27	8.766	923	932	939	rBV	324750	561463	28.25%	2.483%
28	9.019	974	975	977	rBV	4484	4065	0.20%	0.018%
29	9.084	982	986	988	rVV3	3654	5406	0.27%	0.024%
30	9.236	1005	1012	1020	rVV	265785	466380	23.47%	2.062%
31	9.295	1020	1022	1025	rBV4	3539	4657	0.23%	0.021%
32	9.554	1063	1066	1068	rBV	4511	4576	0.23%	0.020%
33	9.648	1079	1082	1084	rVV4	4755	5948	0.30%	0.026%
34	9.718	1093	1094	1097	rVB2	4704	4124	0.21%	0.018%
35	9.753	1097	1100	1101	rBV2	4343	4512	0.23%	0.020%
36	9.795	1103	1107	1112	rVB3	32498	49939	2.51%	0.221%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

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-BG062024.MA.M
Title : SVOA CALIBRATION

37	9.959	1128	1135	1144	rVV2	237187	416925	20.98%	1.844%
38	10.494	1219	1226	1233	rVV	359933	631825	31.79%	2.794%
39	10.641	1249	1251	1252	rBV2	5737	5369	0.27%	0.024%
40	10.740	1265	1268	1269	rBV3	4116	3881	0.20%	0.017%
41	10.887	1285	1293	1301	rVV	354121	630577	31.73%	2.788%
42	11.017	1307	1315	1321	rBV	334115	596792	30.03%	2.639%
43	11.093	1326	1328	1332	rVB4	4191	6028	0.30%	0.027%
44	11.128	1332	1334	1337	rBV2	4301	3848	0.19%	0.017%
45	11.164	1337	1340	1345	rBV2	3767	5088	0.26%	0.022%
46	11.269	1355	1358	1361	rVB2	2750	3869	0.19%	0.017%
47	11.316	1363	1366	1369	rBV2	4136	7126	0.36%	0.032%
48	11.363	1371	1374	1376	rBV4	4741	4129	0.21%	0.018%
49	11.410	1376	1382	1386	rBV4	17296	27487	1.38%	0.122%
50	11.528	1399	1402	1405	rBV3	2963	4237	0.21%	0.019%
51	11.616	1410	1417	1428	rBV2	56289	108127	5.44%	0.478%
52	11.851	1456	1457	1462	rBV3	3787	5133	0.26%	0.023%
53	12.021	1482	1486	1488	rBV3	2279	4152	0.21%	0.018%
54	12.309	1529	1535	1536	rBV4	2841	3992	0.20%	0.018%
55	12.462	1556	1561	1566	rVB7	7853	14874	0.75%	0.066%
56	12.591	1581	1583	1586	rVB2	3586	4276	0.22%	0.019%
57	12.803	1616	1619	1624	rBV4	3615	5384	0.27%	0.024%
58	13.155	1676	1679	1684	rBV3	4179	6244	0.31%	0.028%
59	13.596	1750	1754	1755	rBV3	3427	4570	0.23%	0.020%
60	13.655	1761	1764	1766	rBV2	4908	5255	0.26%	0.023%
61	13.778	1783	1785	1787	rBV2	3316	3790	0.19%	0.017%
62	13.813	1787	1791	1793	rVV3	9654	11884	0.60%	0.053%
63	13.896	1803	1805	1807	rVB2	4948	4002	0.20%	0.018%
64	14.019	1823	1826	1830	rBV2	8729	12099	0.61%	0.053%
65	14.107	1835	1841	1847	rVV	683843	1009158	50.78%	4.462%
66	14.172	1849	1852	1853	rVB2	4085	3851	0.19%	0.017%
67	14.231	1858	1862	1865	rBV2	3824	5884	0.30%	0.026%
68	14.336	1876	1880	1883	rBV5	11189	15787	0.79%	0.070%
69	14.395	1883	1890	1900	rVB2	769877	1192956	60.03%	5.275%
70	14.542	1910	1915	1920	rVB3	12029	18882	0.95%	0.083%
71	14.595	1920	1924	1928	rBV3	6187	9652	0.49%	0.043%
72	14.701	1934	1942	1949	rVB	607644	945422	47.57%	4.180%
73	14.765	1949	1953	1959	rBV6	21315	33905	1.71%	0.150%
74	14.877	1965	1972	1983	rBV	369397	642967	32.35%	2.843%
75	15.035	1997	1999	2003	rVV4	10279	12134	0.61%	0.054%
76	15.100	2007	2010	2014	rVV6	10405	15579	0.78%	0.069%

LSC Area Percent Report

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Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

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-BG062024.MA.M
Title : SVOA CALIBRATION

77	15.300	2042	2044	2046	rVB2	6030	3883	0.20%	0.017%
78	15.353	2051	2053	2056	rBV2	2992	4135	0.21%	0.018%
79	15.541	2083	2085	2089	rVB3	6464	8707	0.44%	0.039%
80	15.693	2104	2111	2118	rBV	999411	1530471	77.01%	6.767%
81	15.793	2122	2128	2135	rBV	313967	473546	23.83%	2.094%
82	15.929	2149	2151	2156	rVB6	8183	9116	0.46%	0.040%
83	16.046	2169	2171	2175	rVB4	5326	4488	0.23%	0.020%
84	16.169	2187	2192	2198	rVB4	30829	47442	2.39%	0.210%
85	16.404	2231	2232	2237	rVB5	8923	7917	0.40%	0.035%
86	17.444	2402	2409	2414	rBV	806622	1234195	62.10%	5.457%
87	17.486	2414	2416	2419	rVV	42749	45221	2.28%	0.200%
88	17.544	2420	2426	2435	rVB	1131158	1683446	84.71%	7.444%
89	18.108	2519	2522	2526	rVB5	10744	13360	0.67%	0.059%
90	18.191	2533	2536	2538	rBV4	7154	8792	0.44%	0.039%
91	18.326	2554	2559	2570	rBV2	267475	423644	21.32%	1.873%
92	18.813	2639	2642	2646	rBV4	28214	39207	1.97%	0.173%
93	19.389	2737	2740	2744	rBV6	21789	30767	1.55%	0.136%
94	19.489	2754	2757	2763	rVB	69349	91522	4.61%	0.405%
95	19.595	2771	2775	2782	rBV2	107412	161891	8.15%	0.716%
96	19.824	2808	2814	2825	rVB	1350551	1987312	100.00%	8.788%
97	21.357	3071	3075	3084	rVB	269034	388202	19.53%	1.717%
98	21.704	3129	3134	3141	rVB	729502	1175920	59.17%	5.200%
99	24.718	3638	3647	3657	rVB3	684078	1788586	90.00%	7.909%
100	24.936	3677	3684	3695	rVB	438659	1200824	60.42%	5.310%

Sum of corrected areas: 22615047

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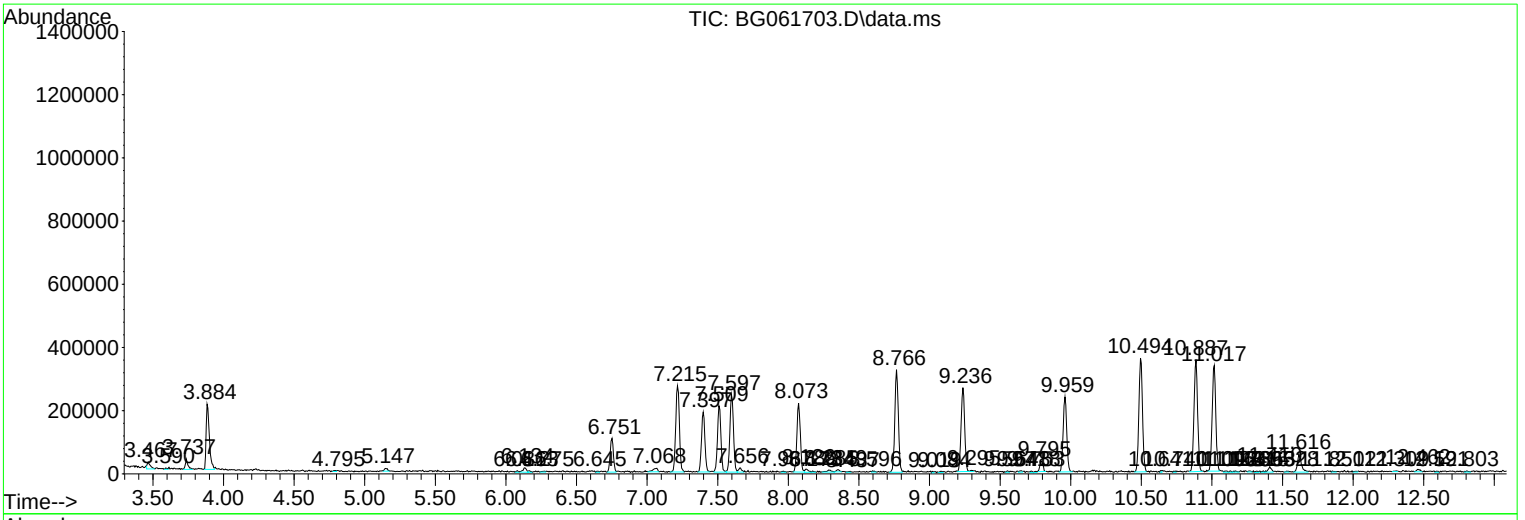
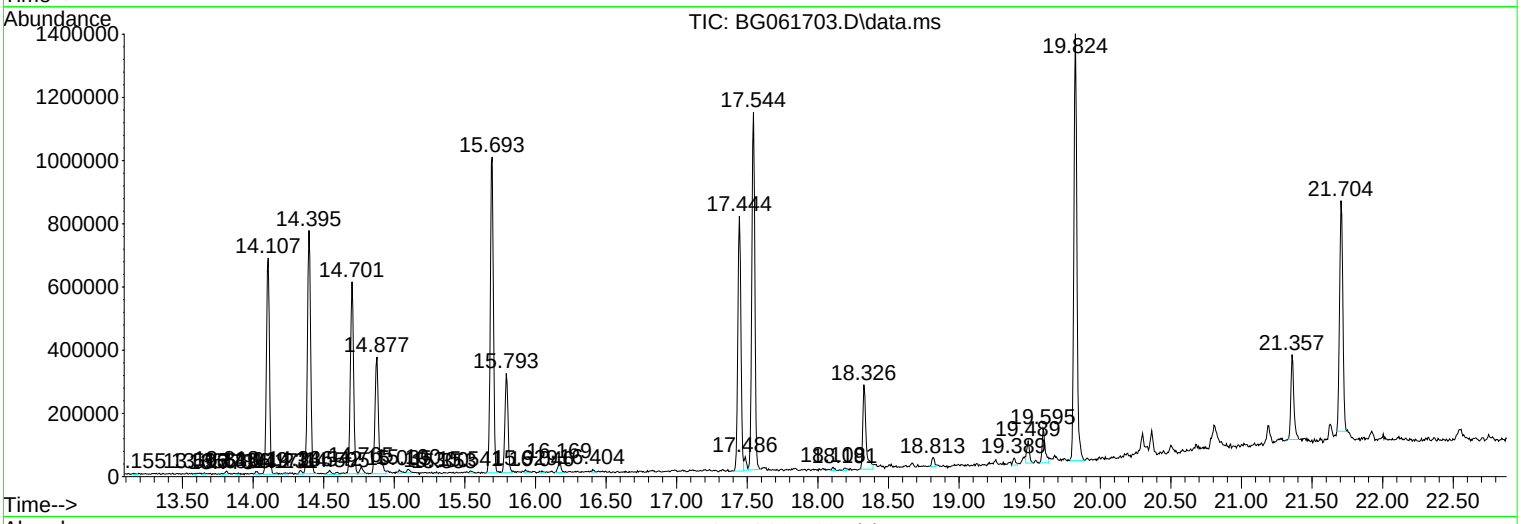
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

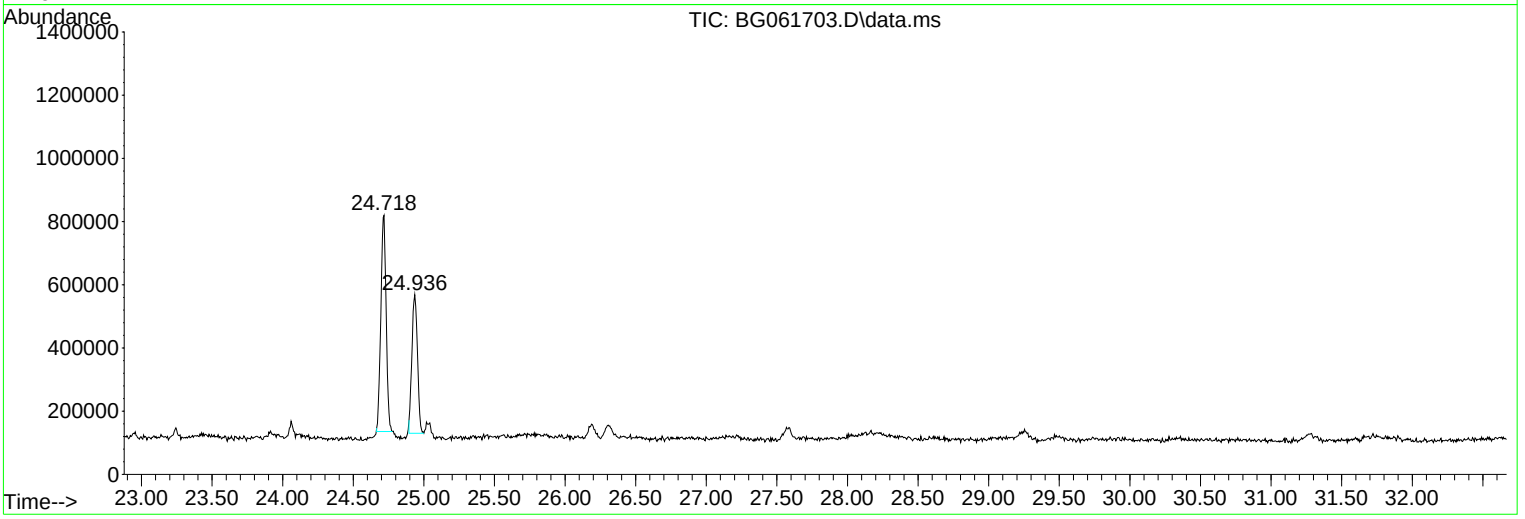
Instrument :
BNA_G
ClientSampleId :
A4C81

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

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







Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

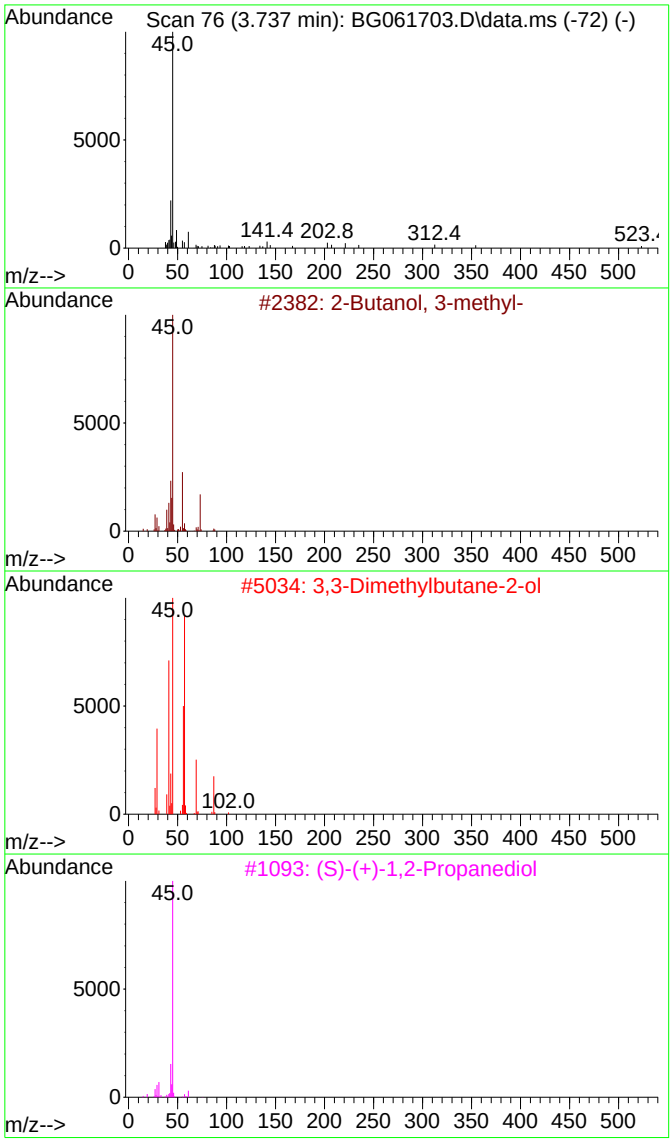
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

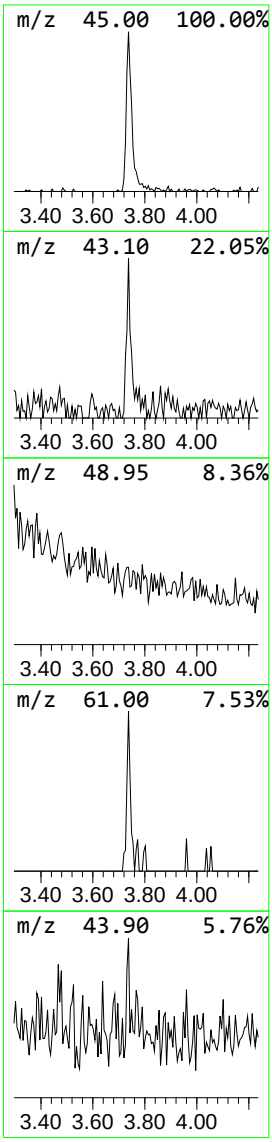
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Butanol, 3-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.737	2.24 ng/ul	41040	1,4-Dichlorobenzene-d4	8.067

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	59
2	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	45
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	39
4	Propanoic acid, 2-hydroxy-, meth...	104	C4H8O3	000547-64-8	39
5	Formic acid, 1-methylpropyl ester	102	C5H10O2	000589-40-2	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
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Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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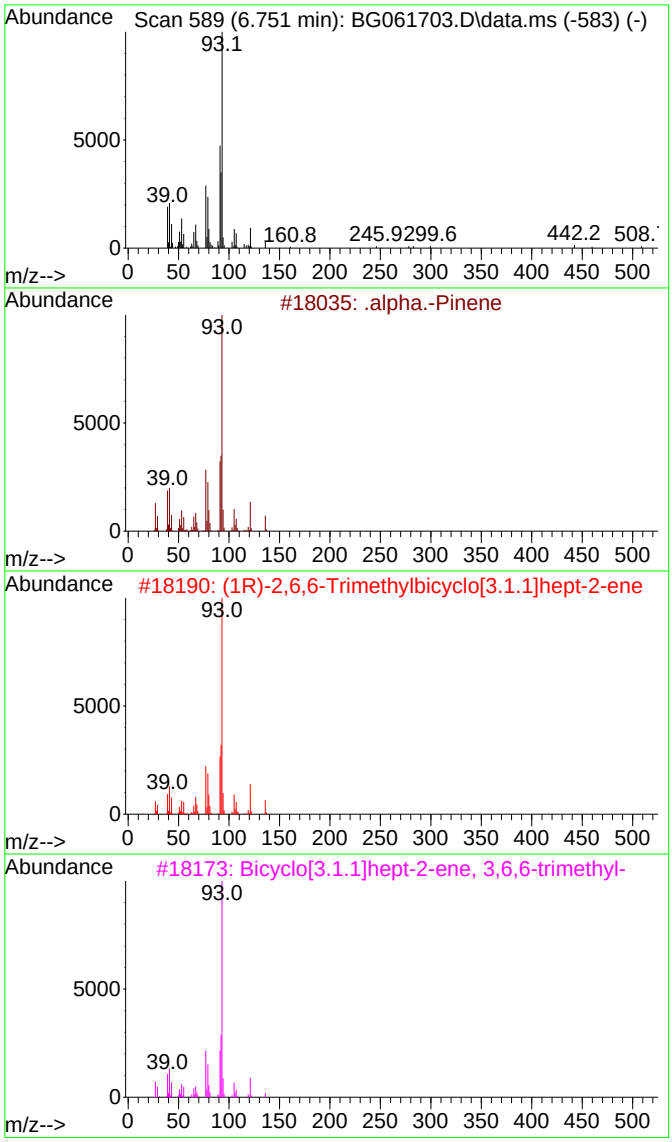
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

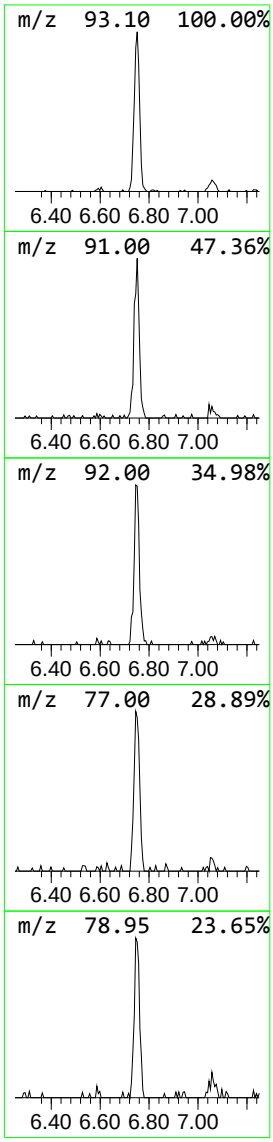
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 .alpha.-Pinene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.751	9.21 ng/ul	168746	1,4-Dichlorobenzene-d4	8.067

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	87
2	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	87
3	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	83
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	80
5	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000488-97-1	78





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ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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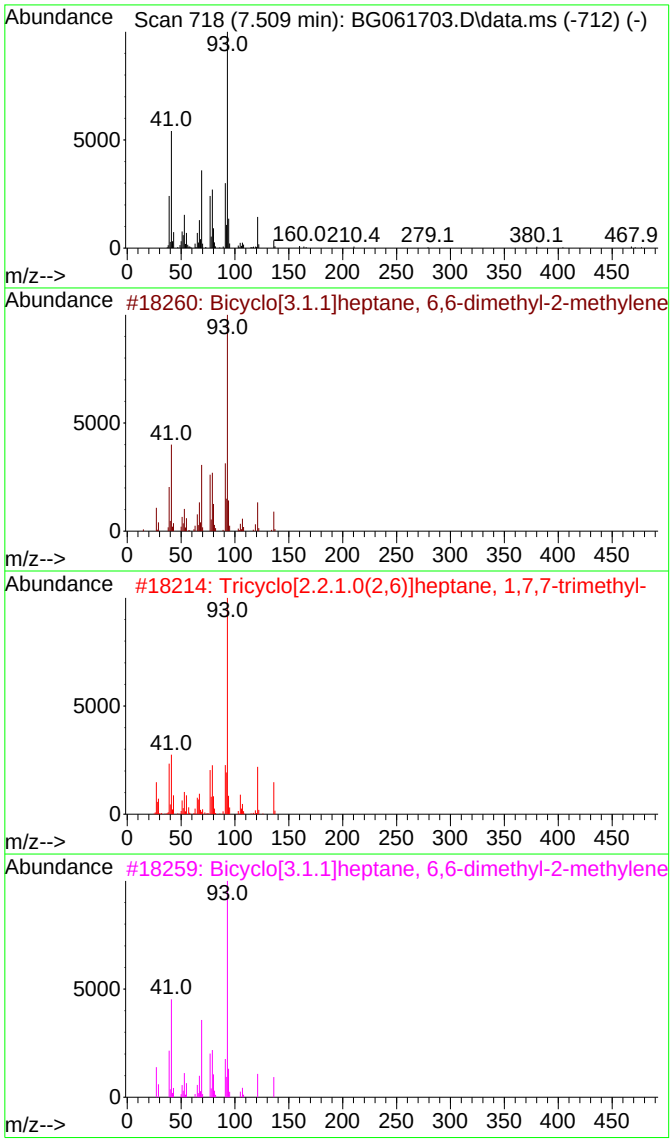
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

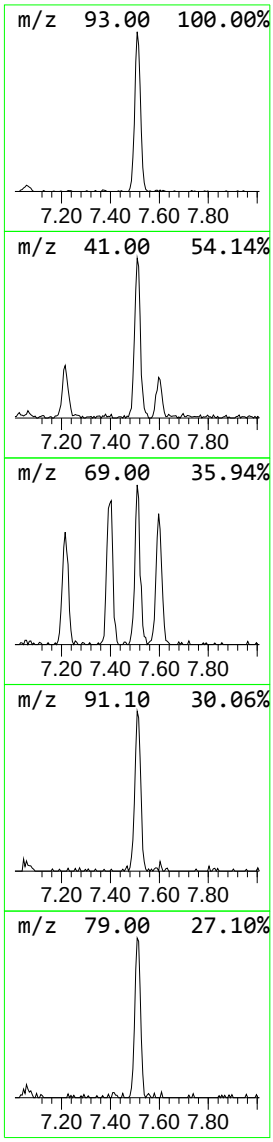
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Bicyclo[3.1.1]heptane, 6,6-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.509	19.28 ng/ul	353153	1,4-Dichlorobenzene-d4	8.067

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	91
2	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	87
3	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	87
4	Bicyclo[3.1.0]hexane, 4-methylen...	136	C10H16	003387-41-5	80
5	.beta.-Pinene	136	C10H16	000127-91-3	78





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Instrument :
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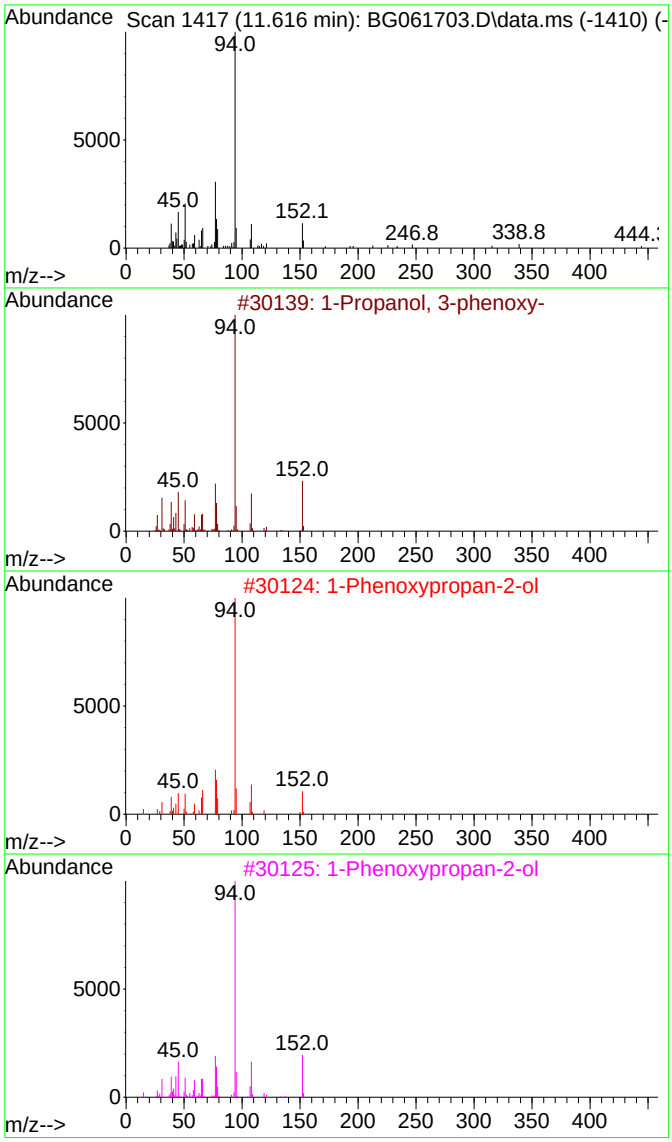
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

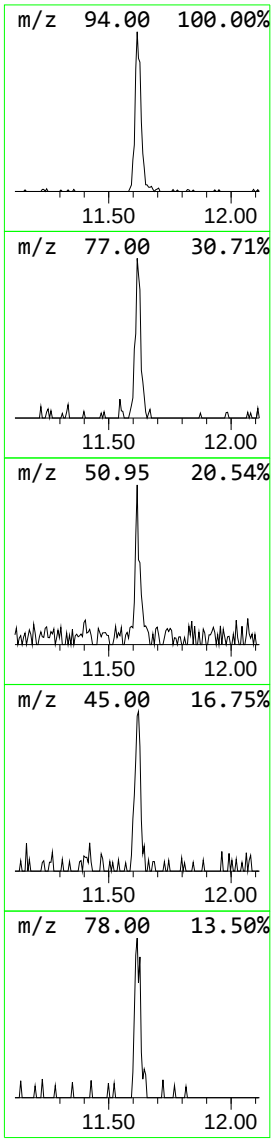
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1-Propanol, 3-phenoxy- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.616	3.43 ng/ul	108127	Naphthalene-d8	10.887

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	72
2	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	72
3	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	68
4	1-Propanol, 2-phenoxy-	152	C9H12O2	004169-04-4	59
5	1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	53





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Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

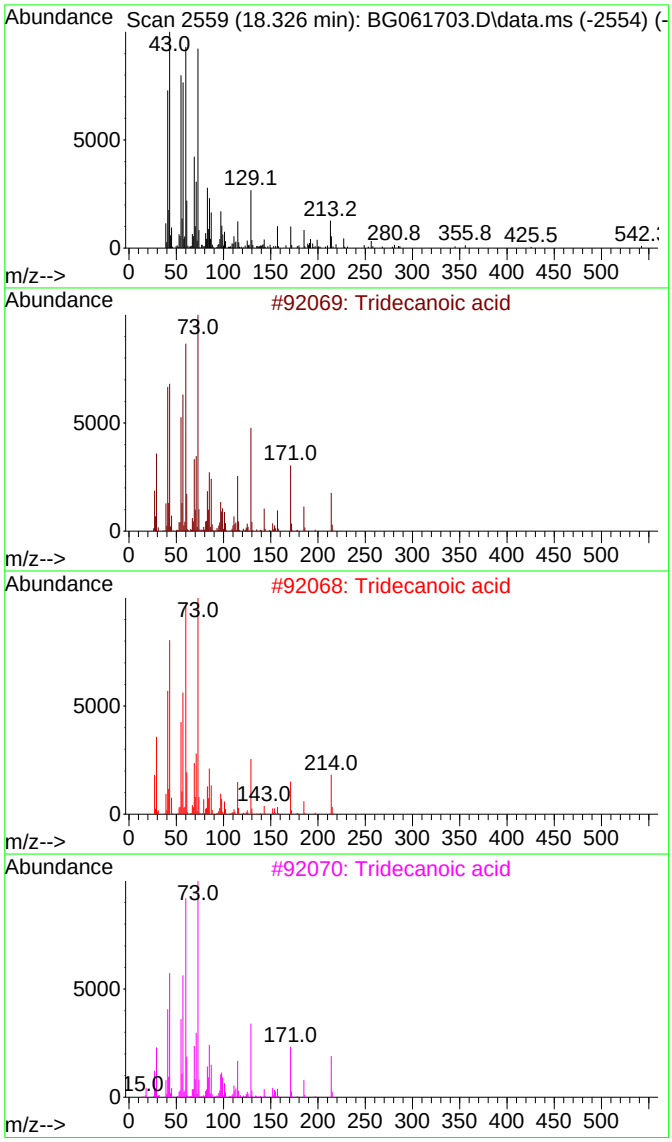
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

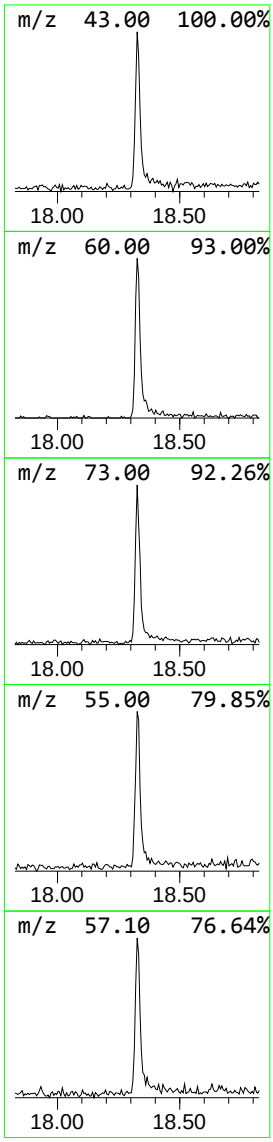
****

Peak Number 5 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.326	6.87 ng/ul	423644	Phenanthrene-d10	17.444

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	97
2	Tridecanoic acid	214	C13H26O2	000638-53-9	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

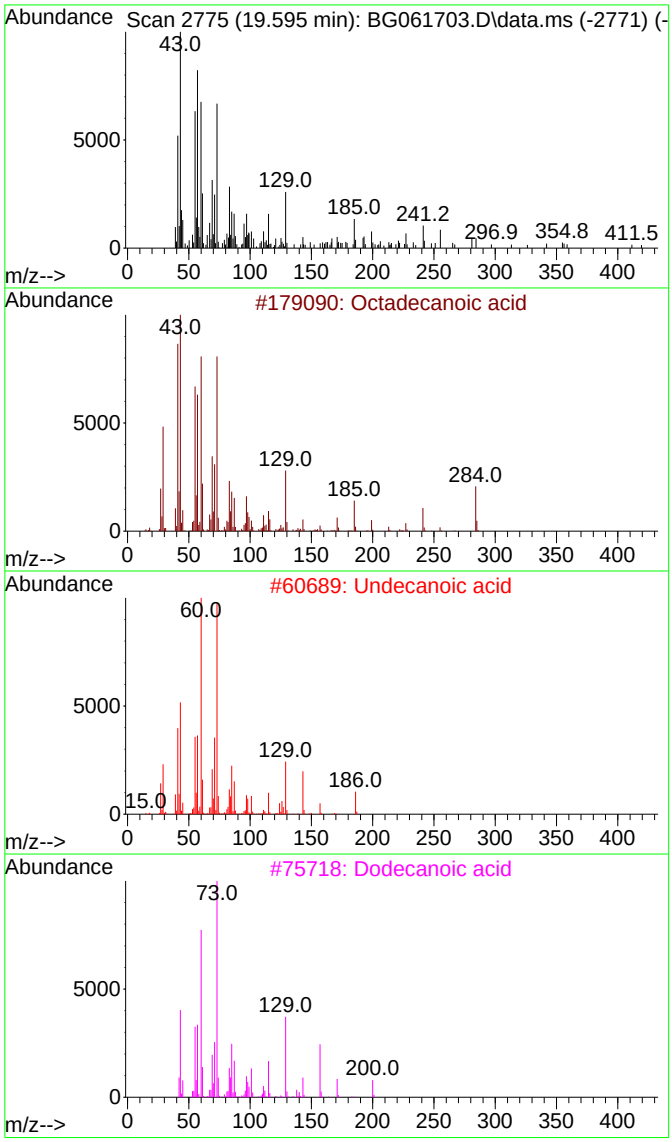
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

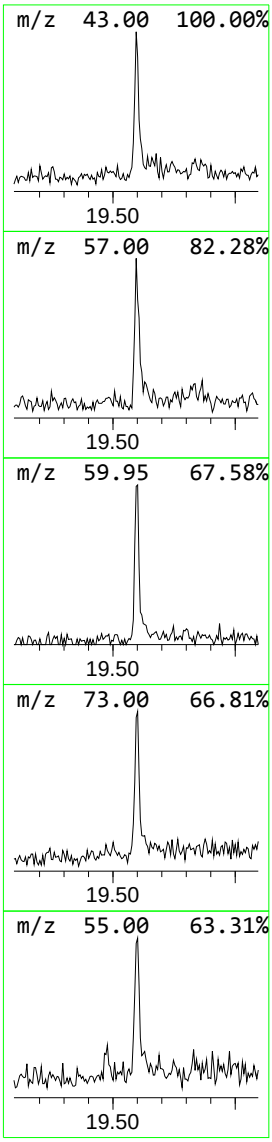
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.595	2.75 ng/ul	161891	Chrysene-d12	21.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	74
2	Undecanoic acid	186	C11H22O2	000112-37-8	64
3	Dodecanoic acid	200	C12H24O2	000143-07-7	60
4	Octadecanoic acid	284	C18H36O2	000057-11-4	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

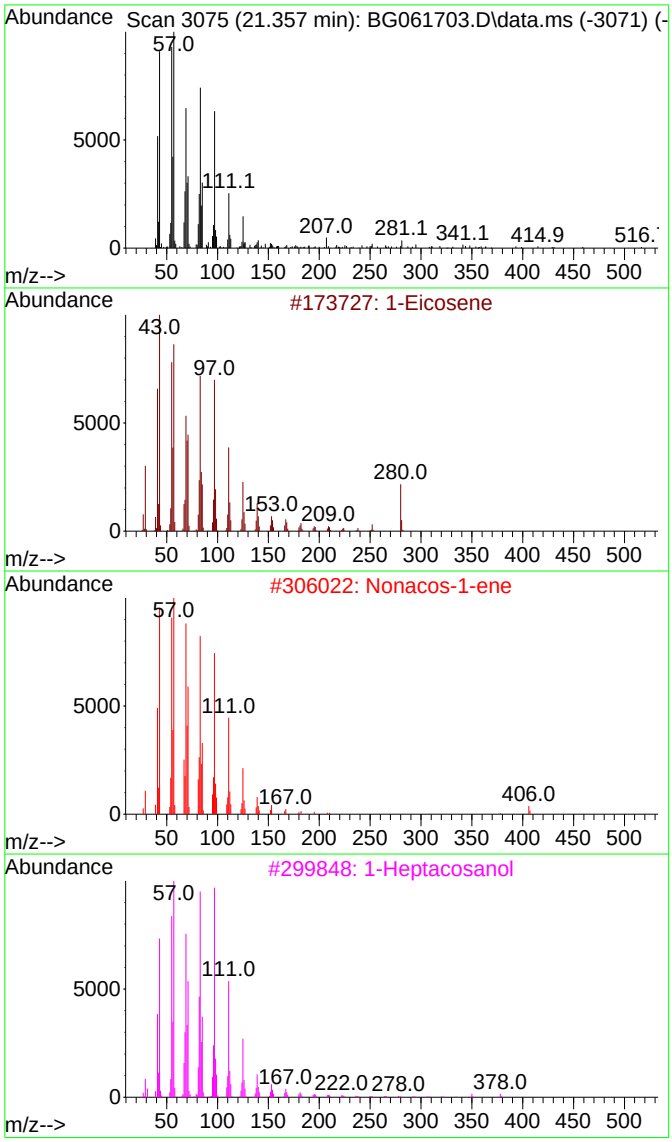
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

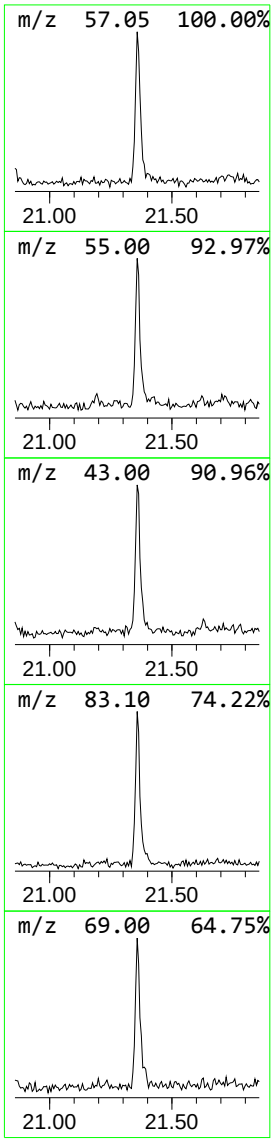
TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.357	6.60 ng/ul	388202	Chrysene-d12	21.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	Nonacos-1-ene	406	C29H58	018835-35-3	91
3	1-Heptacosanol	396	C27H56O	002004-39-9	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	86
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062424\
Data File : BG061703.D
Acq On : 25 Jun 2024 15:12
Operator : MA/JU
Sample : P2844-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
A4C81

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG062024.MA.M
Quant Title : SVOA CALIBRATION

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Butanol, 3-me...	3.737	2.2	ng/ul	41040	1	8.067	366372	20.0
.alpha.-Pinene	6.751	9.2	ng/ul	168746	1	8.067	366372	20.0
Bicyclo[3.1.1]h...	7.509	19.3	ng/ul	353153	1	8.067	366372	20.0
1-Propanol, 3-p...	11.616	3.4	ng/ul	108127	2	10.887	630577	20.0
Tridecanoic acid	18.326	6.9	ng/ul	423644	4	17.444	1234200	20.0
Octadecanoic acid	19.595	2.8	ng/ul	161891	5	21.704	1175920	20.0
(DEL) Alkane: S...	21.357	6.6	ng/ul	388202	5	21.704	1175920	20.0