LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : GBNH5

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_M\Methods\SFAM-EPA-BM120122.M
Title : SVOA CALIBRATION

Signal : TIC: BM037830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.428	3	7	15	rVB	31288	52448	1.16%	0.092%
2	3.728	55	58	63	rVB	18166	24141	0.53%	0.043%
3	3.875	80	83	95	rBV	168533	319961	7.09%	0.564%
4	3.975	97	100	109	rVB3	24529	43196	0.96%	0.076%
5	4.104	118	122	128	rVB	30059	47111	1.04%	0.083%
6	4.199	135	138	146	rVB4	14730	23716	0.53%	0.042%
7	4.281	148	152	158	rVB9	3721	9411	0.21%	0.017%
8	4.581	200	203	209	rVB6	10628	19508	0.43%	0.034%
9	5.157	294	301	307	rBV3	14503	32534	0.72%	0.057%
10	5.399	339	342	349	rVB8	6781	13599	0.30%	0.024%
11	5.757	397	403	410	rVB10	9882	22281	0.49%	0.039%
12	6.122	461	465	469	rBV7	7009	12539	0.28%	0.022%
13	6.593	541	545	550	rVB5	8312	15007	0.33%	0.026%
14	6.951	600	606	612	rBV9	8112	16109	0.36%	0.028%
15	7.069	622	626	630	rBV3	15572	24972	0.55%	0.044%
16	7.251	650	657	668	rVB	661979	1073900	23.79%	1.893%
17	7.422	675	686	695	rBV	501560	798178	17.68%	1.407%
18	7.628	713	721	730	rBV	616805	1006801	22.30%	1.775%
19	7.710	730	735	739	rVV8	10632	17282	0.38%	0.030%
20	8.098	793	801	808	rBV	799955	1236646	27.39%	2.180%
21	8.151	808	810	816	rVB2	10511	16244	0.36%	0.029%
22	8.410	845	854	859	rBV2	67883	112928	2.50%	0.199%
23	8.810	910	922	933	rBV	629189	1039519	23.03%	1.832%
24	8.928	935	942	948	rVV	118116	189323	4.19%	0.334%
25	9.269	993	1000	1009	rBV	655295	1056112	23.40%	1.861%
26	9.369	1014	1017	1022	rVV7	11234	15713	0.35%	0.028%
27	9.428	1022	1027	1032	rVB7	10035	15132	0.34%	0.027%
28	9.669	1065	1068	1075	rVB7	9385	14067	0.31%	0.025%
29	9.998	1115	1124	1135	rBV	520835	876060	19.41%	1.544%
30	10.139	1140	1148	1153	rVV	43967	89891	1.99%	0.158%
31	10.216	1156	1161	1167	rVB7	18174	29129	0.65%	0.051%
32	10.351	1175	1184	1189	rBV10	10972	26932	0.60%	0.047%
33	10.428	1192	1197	1201	rBV8	5104	11414	0.25%	0.020%
34	10.533	1209	1215	1223	rVV	790051	1348737	29.88%	2.377%
35	10.592	1223	1225	1233	rVB7	14355	24447	0.54%	0.043%
36	10.692	1236	1242	1251	rBV	153470	265226	5.88%	0.467%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

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_M\Methods\SFAM-EPA-BM120122.M
Title : SVOA CALIBRATION

37	10.922	1270	1281	1288	rBV	1234199	2017714	44.70%	3.556%
38	10.975	1288	1290	1294	rVV5	9074	12444	0.28%	0.022%
39	11.057	1294	1304	1319	rVV	443713	791743	17.54%	1.395%
40	11.339	1349	1352	1357	rVB6	11149	17410	0.39%	0.031%
41	11.451	1364	1371	1376	rBV6	16694	28991	0.64%	0.051%
42	11.698	1404	1413	1423	rVB4	25414	58011	1.29%	0.102%
43	11.945	1450	1455	1463	rVB4	7388	17392	0.39%	0.031%
44	12.163	1490	1492	1496	rVB5	7610	9650	0.21%	0.017%
45	12.269	1506	1510	1515	rVB5	19563	31226	0.69%	0.055%
46	12.322	1515	1519	1522	rBV5	5218	9194	0.20%	0.016%
47	12.398	1528	1532	1537	rVB7	8322	12309	0.27%	0.022%
48	12.498	1542	1549	1555	rVB3	17660	34558	0.77%	0.061%
49	12.710	1581	1585	1594	rVB10	12867	25553	0.57%	0.045%
50	13.098	1645	1651	1654	rVB8	11688	18286	0.41%	0.032%
51	13.245	1671	1676	1682	rBV10	7750	16786	0.37%	0.030%
52	13.610	1733	1738	1742	rBV6	20852	35144	0.78%	0.062%
53	13.686	1749	1751	1756	rVV6	6329	9245	0.20%	0.016%
54	13.739	1756	1760	1769	rVB7	28451	52682	1.17%	0.093%
55	13.874	1778	1783	1787	rBV7	31895	60163	1.33%	0.106%
56	13.998	1800	1804	1808	rBV2	156484	232313	5.15%	0.409%
57	14.045	1808	1812	1819	rVB2	101279	162368	3.60%	0.286%
58	14.133	1819	1827	1837	rBV	1509889	2081769	46.12%	3.669%
59	14.251	1842	1847	1852	rVV2	53003	77238	1.71%	0.136%
60	14.357	1861	1865	1867	rBV5	7638	11523	0.26%	0.020%
61	14.421	1869	1876	1886	rVV	1745140	2594776	57.48%	4.573%
62	14.539	1892	1896	1902	rBV8	19831	34109	0.76%	0.060%
63	14.610	1904	1908	1915	rVB3	67177	108586	2.41%	0.191%
64	14.727	1921	1928	1935	rBV	1988402	2825229	62.58%	4.980%
65	14.874	1950	1953	1954	rBV3	11360	11929	0.26%	0.021%
66	14.916	1954	1960	1966	rVV	715190	1077324	23.86%	1.899%
67	14.969	1966	1969	1977	rVB2	54323	93414	2.07%	0.165%
68	15.074	1983	1987	1991	rBV	37069	55971	1.24%	0.099%
69	15.127	1992	1996	2001	rVV7	30163	51480	1.14%	0.091%
70	15.204	2006	2009	2015	rVB7	13856	20659	0.46%	0.036%
71	15.345	2029	2033	2038	rVB4	30963	43531	0.96%	0.077%
72	15.551	2064	2068	2073	rVB2	32583	47329	1.05%	0.083%
73	15.716	2089	2096	2107	rBV	2320588	3353920	74.30%	5.911%
74	15.827	2109	2115	2122	rVV	582687	814935	18.05%	1.436%
75	15.886	2122	2125	2130	rVB6	23556	31909	0.71%	0.056%
76	15.951	2133	2136	2140	rVV3	37987	61771	1.37%	0.109%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

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_M\Methods\SFAM-EPA-BM120122.M
Title : SVOA CALIBRATION

77	16.004	2140	2145	2151	rVB	300542	416217	9.22%	0.734%
78	16.210	2176	2180	2184	rBV5	34487	49706	1.10%	0.088%
79	16.410	2210	2214	2224	rBV	156966	270063	5.98%	0.476%
80	16.757	2267	2273	2275	rBV7	41788	86907	1.93%	0.153%
81	16.851	2286	2289	2295	rVB5	40159	64728	1.43%	0.114%
82	17.115	2328	2334	2341	rBV	1624443	2360931	52.30%	4.161%
83	17.198	2345	2348	2352	rVV	68356	83382	1.85%	0.147%
84	17.345	2369	2373	2378	rBV	191899	276235	6.12%	0.487%
85	17.410	2381	2384	2387	rVV2	76408	93947	2.08%	0.166%
86	17.468	2388	2394	2402	rVV	2361379	3445698	76.33%	6.073%
87	17.562	2405	2410	2417	rVB	2566144	3465780	76.77%	6.109%
88	17.939	2472	2474	2479	rVB2	70327	80733	1.79%	0.142%
89	18.074	2493	2497	2501	rVB	292256	348880	7.73%	0.615%
90	18.227	2518	2523	2529	rBV	340927	552494	12.24%	0.974%
91	18.286	2530	2533	2538	rVV	218200	276228	6.12%	0.487%
92	18.345	2538	2543	2553	rBV	1468704	2067344	45.80%	3.644%
93	18.639	2589	2593	2598	rBV3	137868	232077	5.14%	0.409%
94	19.468	2731	2734	2736	rBV	302363	368459	8.16%	0.649%
95	19.609	2754	2758	2769	rBV	649049	996327	22.07%	1.756%
96	19.845	2793	2798	2807	rBV	3180064	4514255	100.00%	7.957%
97	21.315	3045	3048	3053	rVB	1099645	1221742	27.06%	2.153%
98	21.633	3098	3102	3107	rBV	2348219	3081046	68.25%	5.430%
99	23.962	3494	3498	3506	rVB2	1517072	3028296	67.08%	5.337%
100	24.127	3522	3526	3536	rVB2	1199378	2364183	52.37%	4.167%

Sum of corrected areas: 56736456

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Data File : BM037830.D
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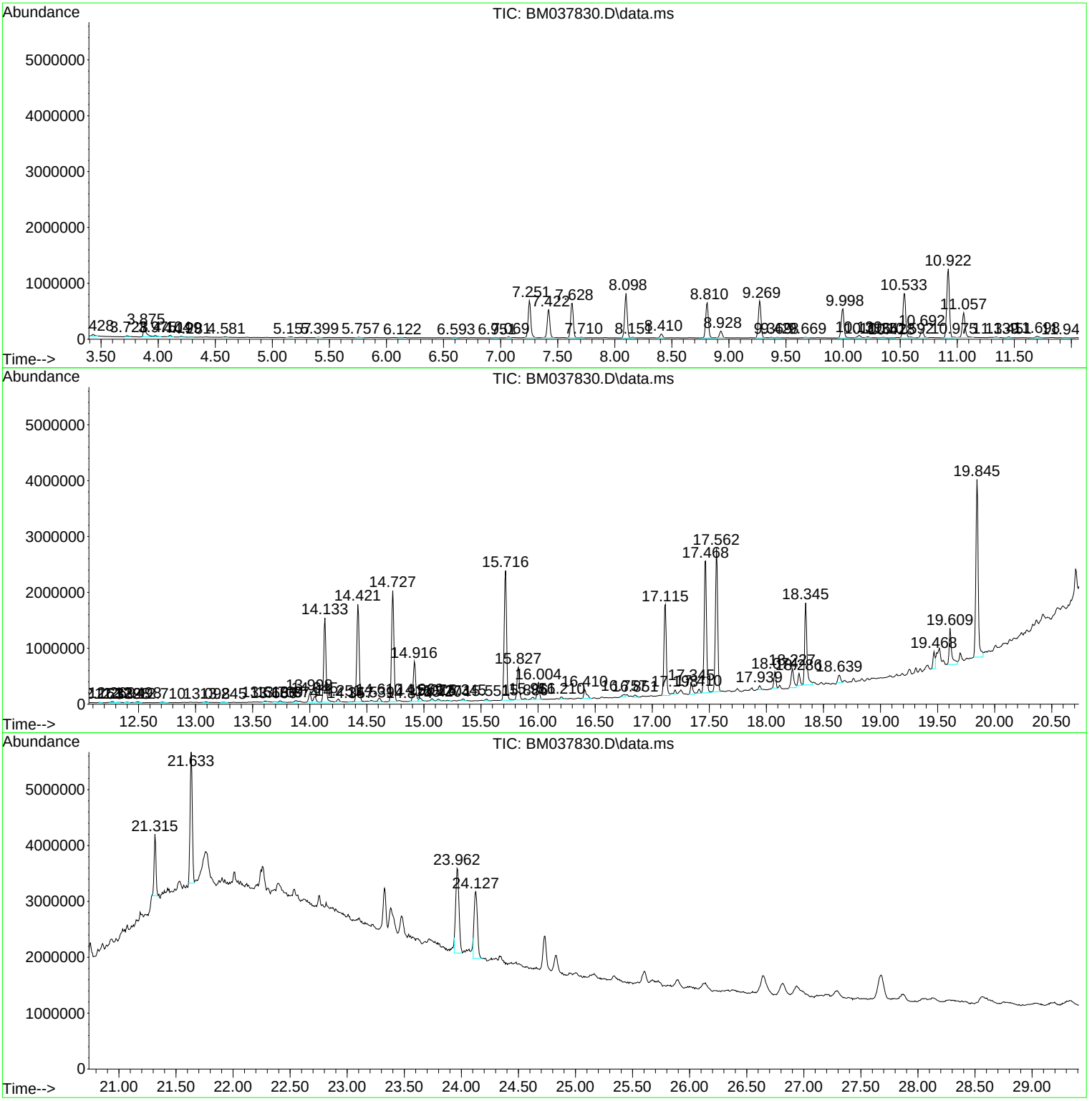
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
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Acq On : 02 Dec 2022 15:46
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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

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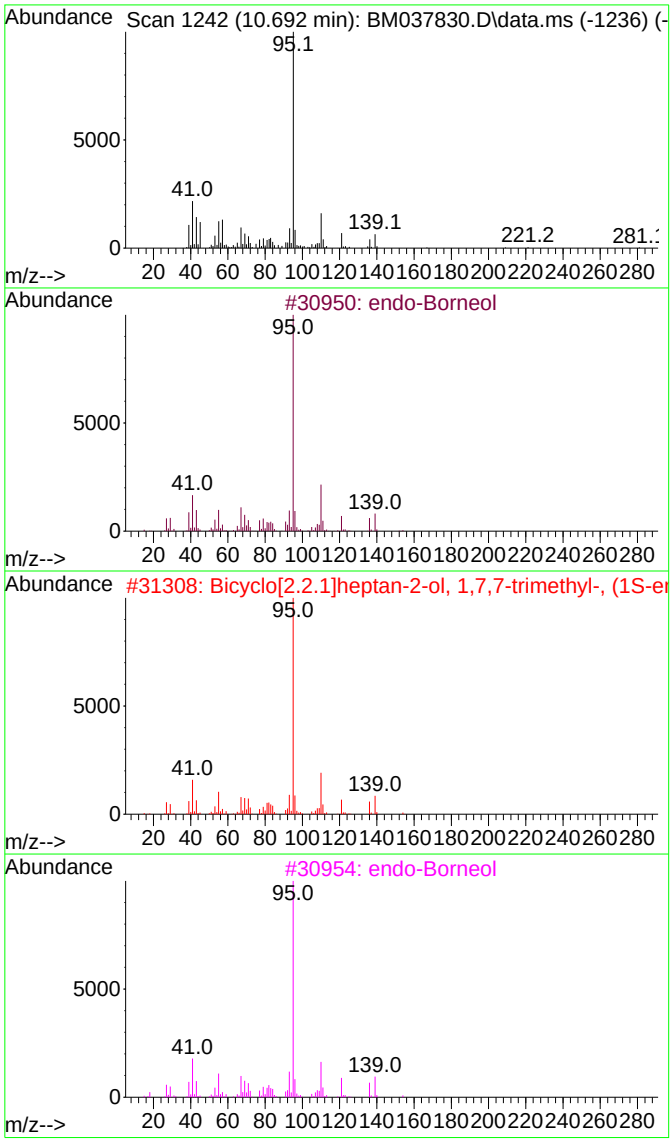
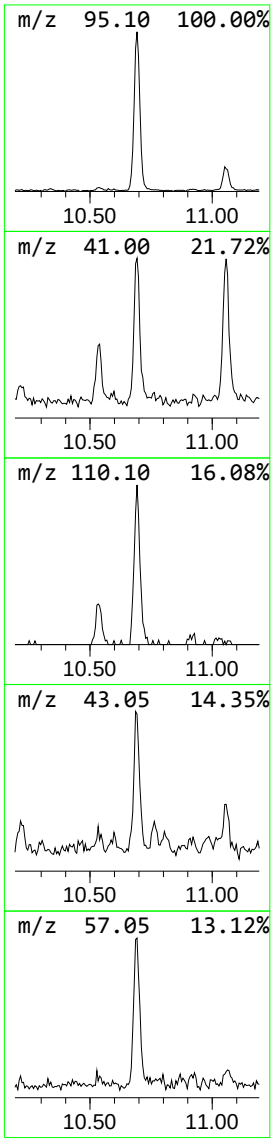
Peak Number 1 endo-Borneol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.692	2.63 ng/ul	265226	Naphthalene-d8	10.922

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	endo-Borneol	154	C10H18O	000507-70-0	86
2	Bicyclo[2.2.1]heptan-2-ol, 1,7,7...	154	C10H18O	000464-45-9	80
3	endo-Borneol	154	C10H18O	000507-70-0	78
4	endo-Borneol	154	C10H18O	000507-70-0	72
5	1,4-Pentadiene, 2,3,3-trimethyl-	110	C8H14	000756-02-5	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
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Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

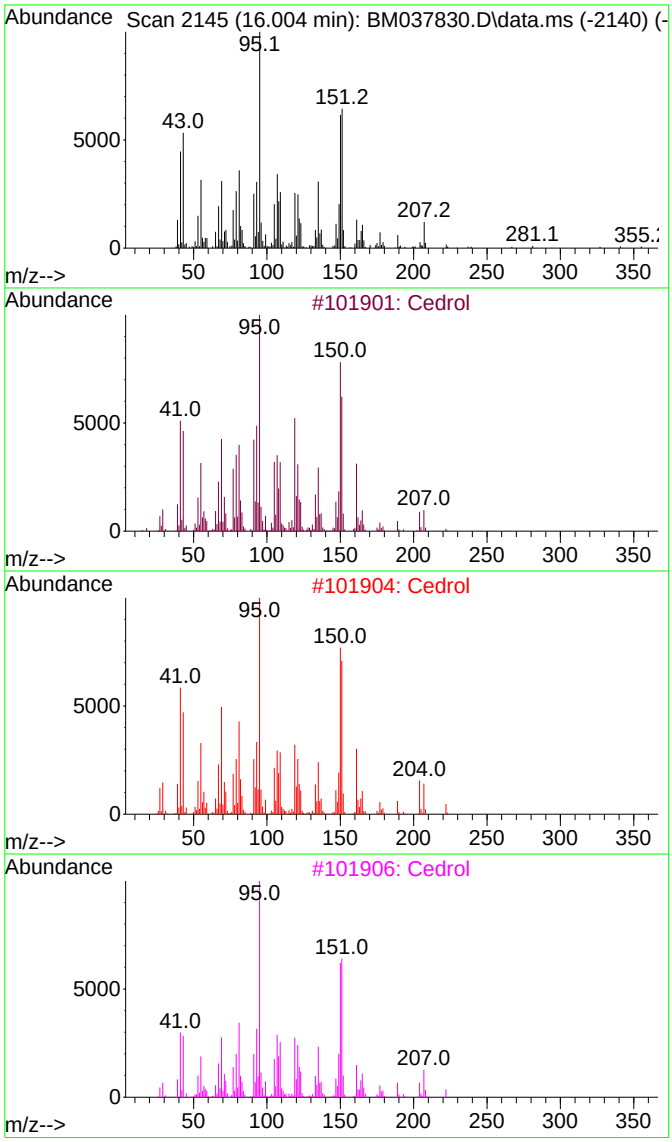
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

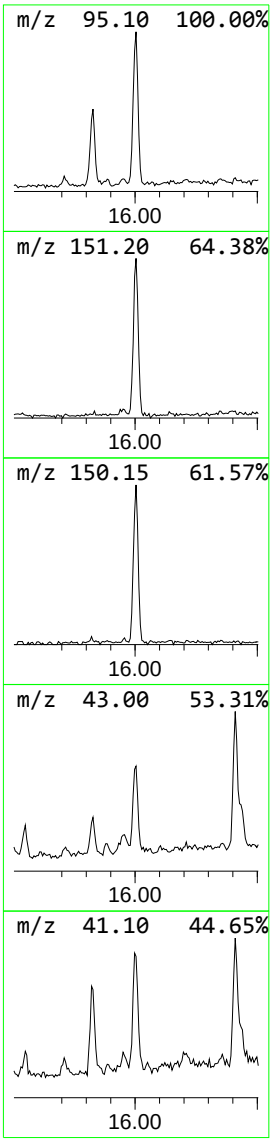
****

Peak Number 2 Cedrol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.004	2.95 ng/ul	416217	Acenaphthene-d10	14.727

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cedrol	222	C15H26O	000077-53-2	93
2	Cedrol	222	C15H26O	000077-53-2	93
3	Cedrol	222	C15H26O	000077-53-2	91
4	(3R,3aS,6S,7R)-3,6,8,8-Tetrameth...	222	C15H26O	019903-73-2	87
5	Cedrol	222	C15H26O	000077-53-2	87





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ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
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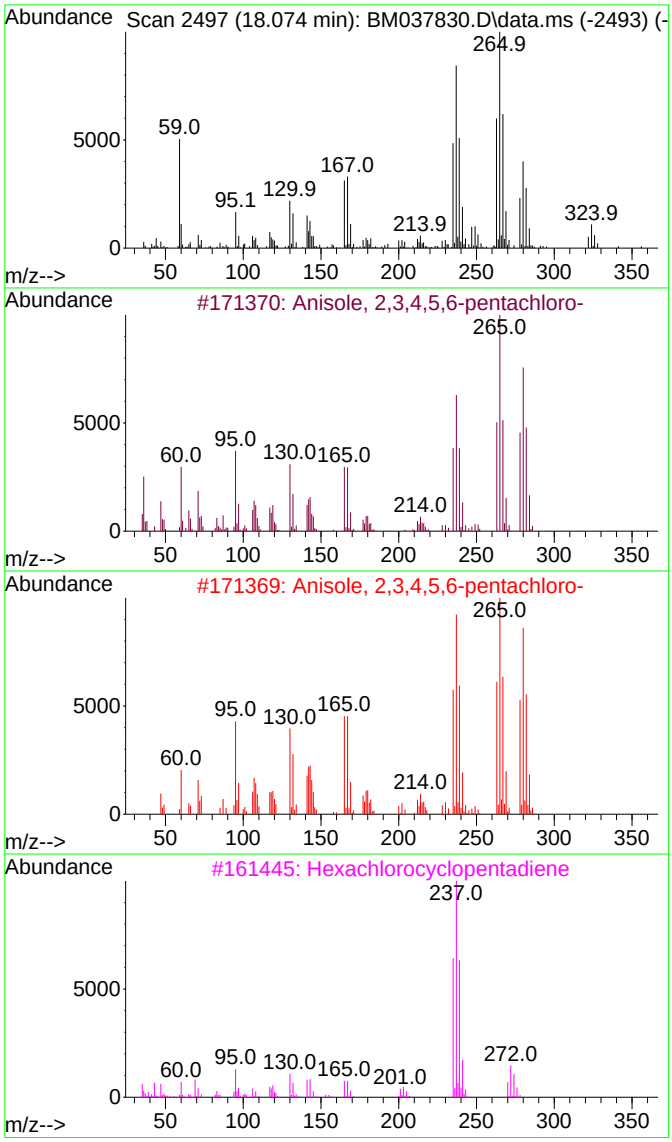
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

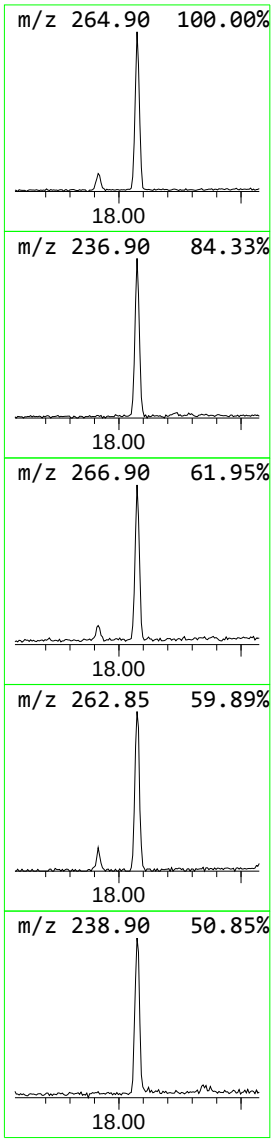
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Anisole, 2,3,4,5,6-pentachl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.074	2.03 ng/ul	348880	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	89
2	Anisole, 2,3,4,5,6-pentachloro-	278	C7H3Cl5O	001825-21-4	46
3	Hexachlorocyclopentadiene	270	C5Cl6	000077-47-4	22
4	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	12
5	2,3,4,5,6-Pentachloroaniline	263	C6H2Cl5N	000527-20-8	12





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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

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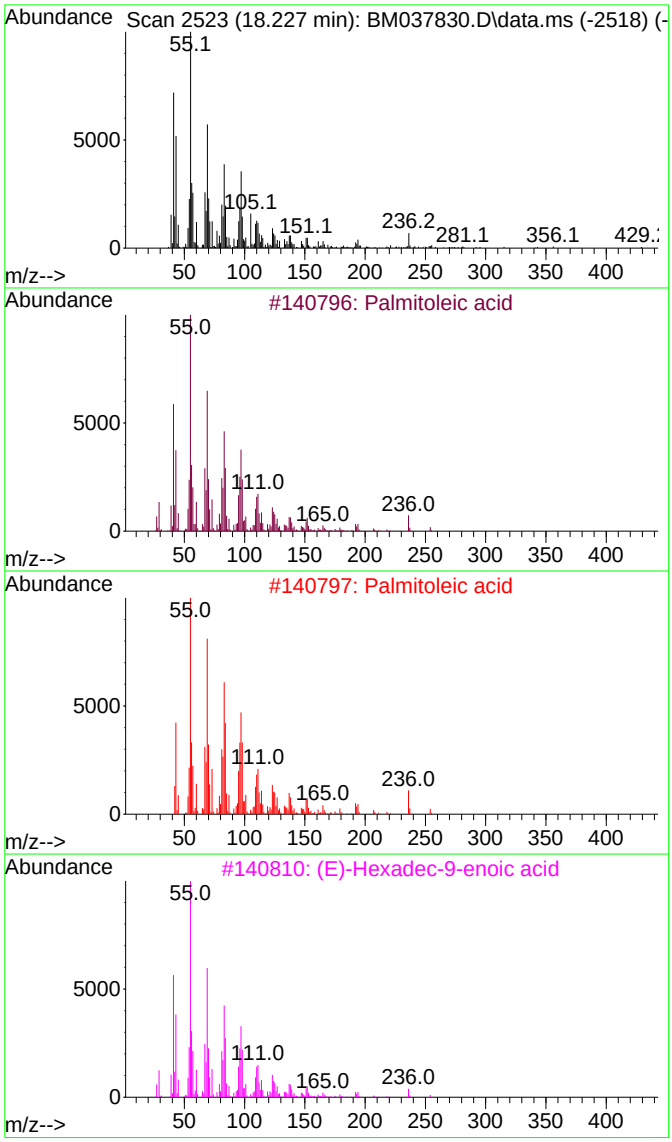
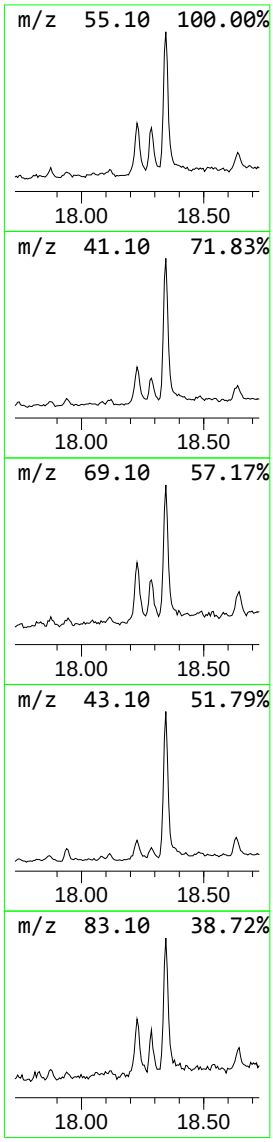
Peak Number 4 Palmitoleic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	3.21 ng/ul	552494	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Palmitoleic acid	254	C16H30O2	000373-49-9	98
2	Palmitoleic acid	254	C16H30O2	000373-49-9	98
3	(E)-Hexadec-9-enoic acid	254	C16H30O2	010030-73-6	98
4	Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	98
5	cis-7-Hexadecenoic acid	254	C16H30O2	002416-19-5	97





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Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

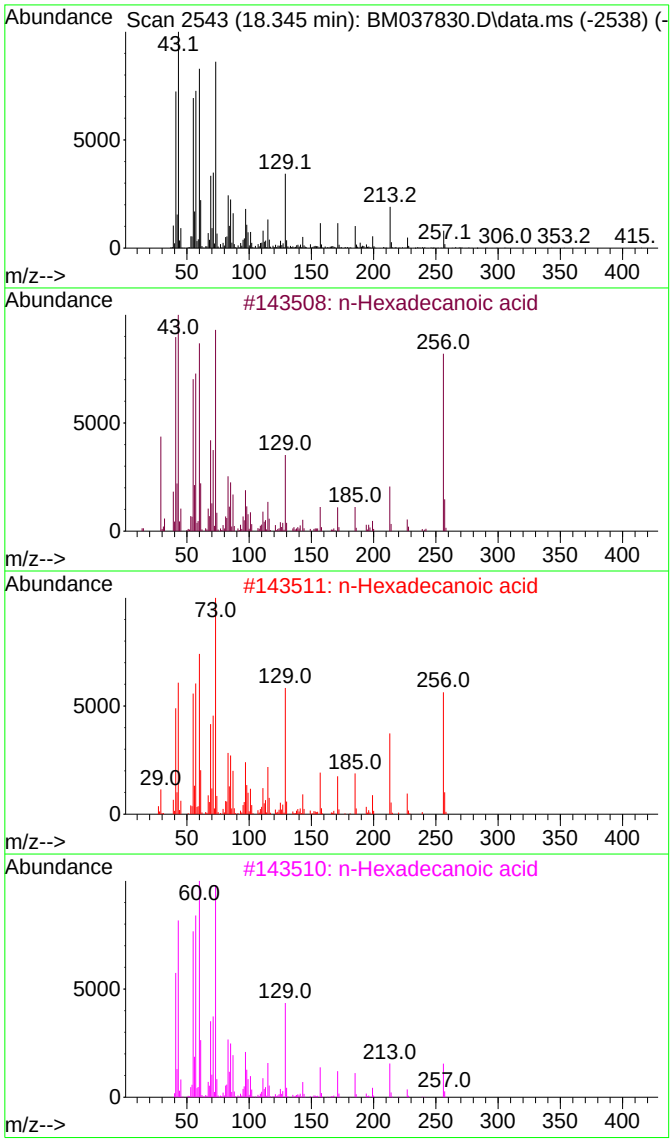
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

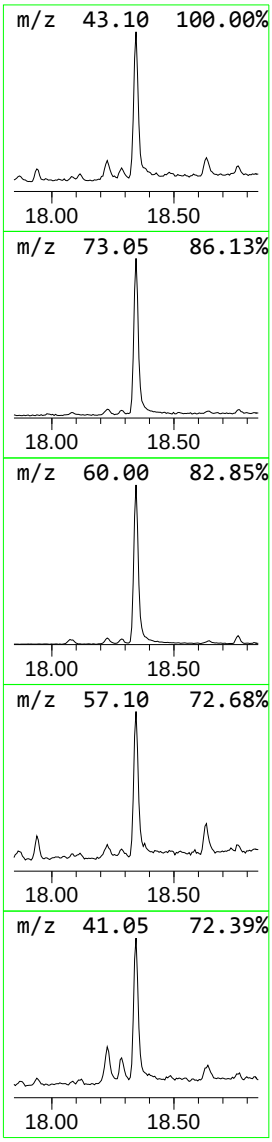
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	12.00 ng/ul	2067340	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	94
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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

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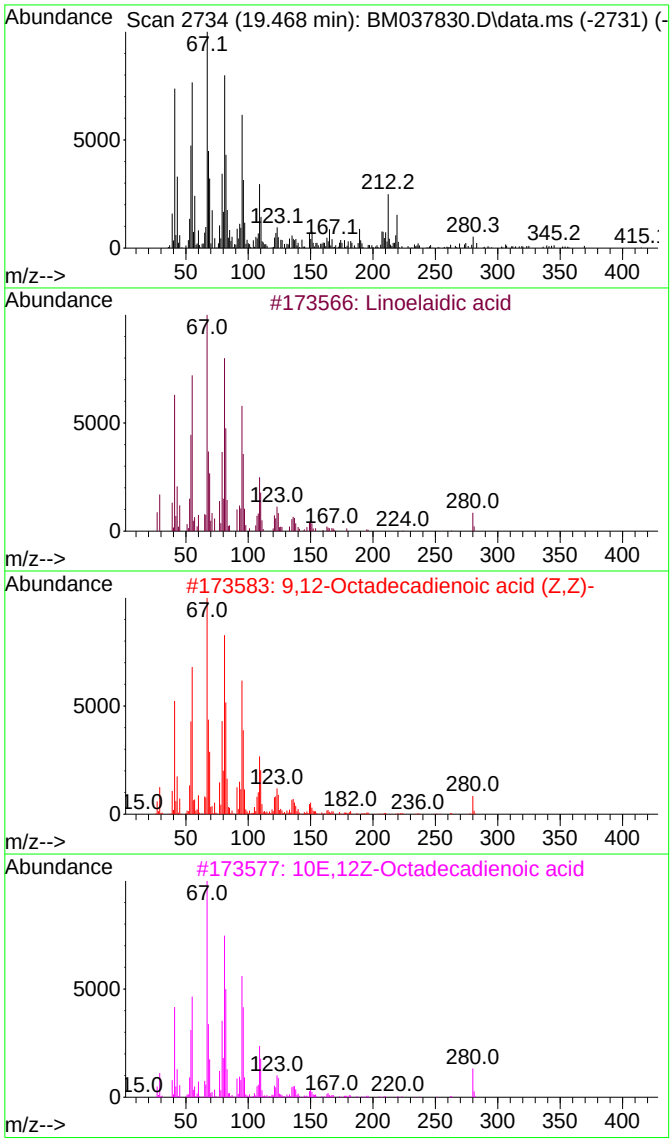
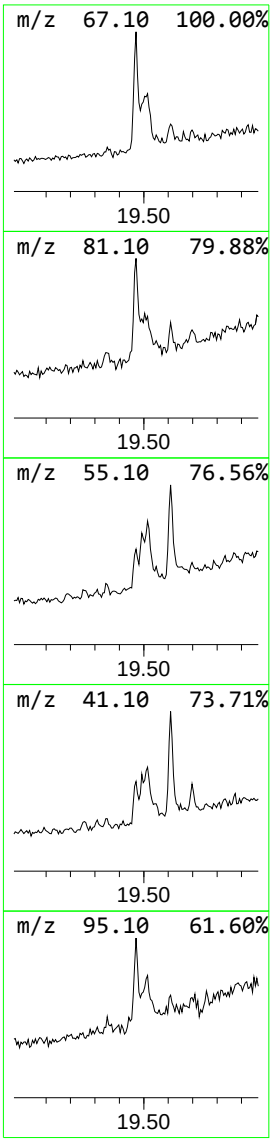
Peak Number 6 Linoelaidic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.468	2.14 ng/ul	368459	Phenanthrene-d10	17.462

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Linoelaidic acid	280	C18H32O2	000506-21-8	99
2	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	98
3	10E,12Z-Octadecadienoic acid	280	C18H32O2	002420-56-6	98
4	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	97
5	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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

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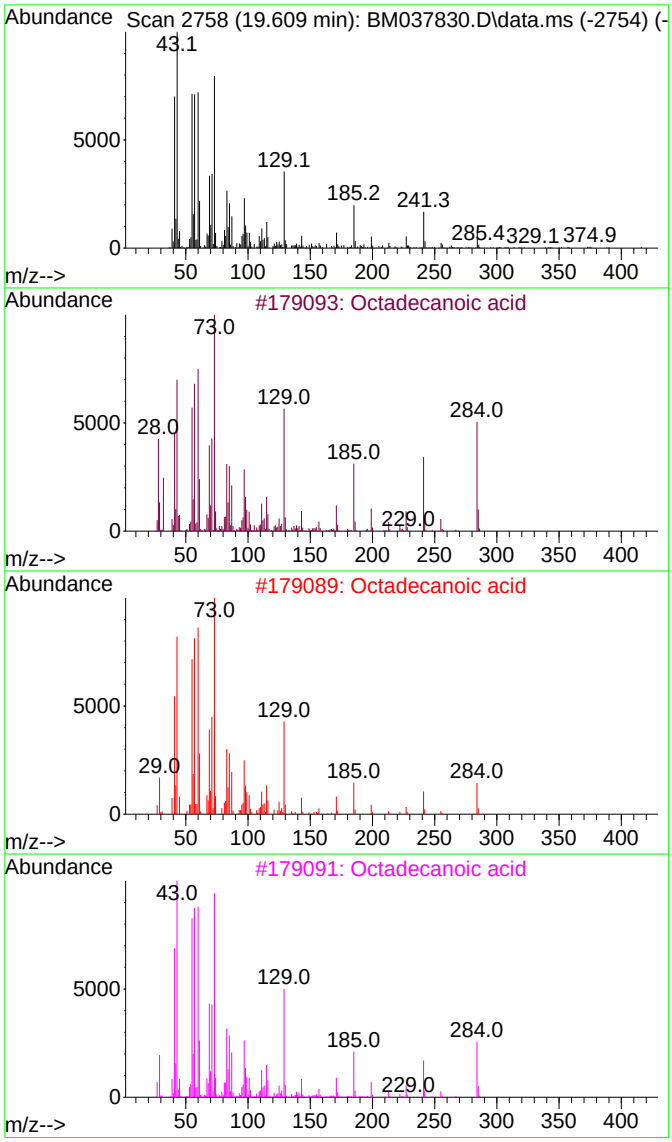
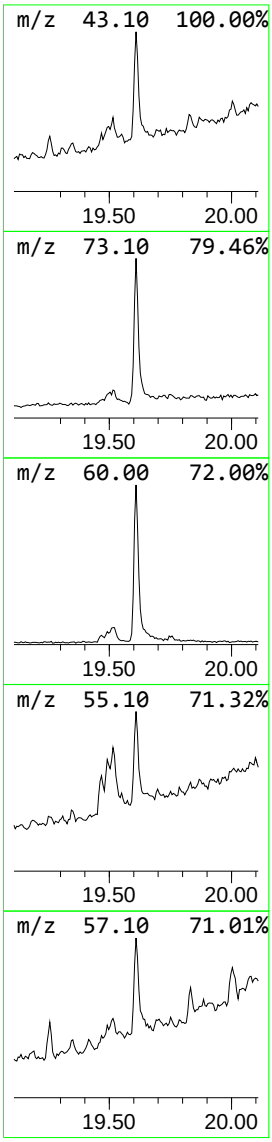
Peak Number 7 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.609	6.47 ng/ul	996327	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.M
Quant Title : SVOA CALIBRATION

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

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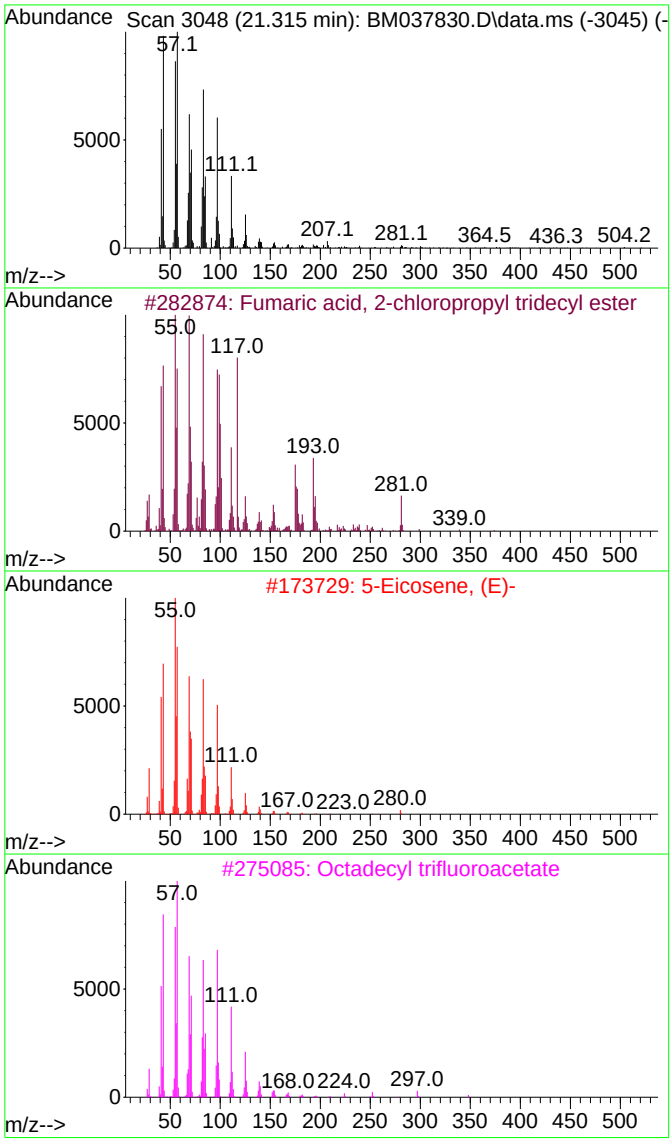
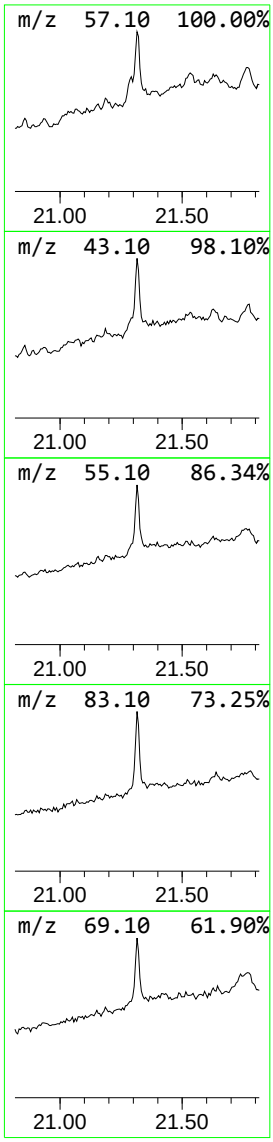
Peak Number 8 Fumaric acid, 2-chloropropy... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.315	7.93 ng/ul	1221740	Chrysene-d12	21.633

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, 2-chloropropyl tri...	374	C20H35ClO4	1010348-57-1	98
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	95
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
5	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120222\
Data File : BM037830.D
Acq On : 02 Dec 2022 15:46
Operator : CG/JU
Sample : N5738-06
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
GBNH5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120122.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
endo-Borneol	10.692	2.6	ng/ul	265226	2	10.922	2017710	20.0
Cedrol	16.004	3.0	ng/ul	416217	3	14.727	2825230	20.0
Anisole, 2,3,4,...	18.074	2.0	ng/ul	348880	4	17.462	3445700	20.0
Palmitoleic acid	18.227	3.2	ng/ul	552494	4	17.462	3445700	20.0
n-Hexadecanoic ...	18.345	12.0	ng/ul	2067340	4	17.462	3445700	20.0
Linoelaidic acid	19.468	2.1	ng/ul	368459	4	17.462	3445700	20.0
Octadecanoic acid	19.609	6.5	ng/ul	996327	5	21.633	3081050	20.0
Fumaric acid, 2...	21.315	7.9	ng/ul	1221740	5	21.633	3081050	20.0