LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032456.D
Acq On : 12 Oct 2021 13:29
Operator : CG/JU
Sample : M4098-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT37

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-BM100521.M
Title : SVOA CALIBRATION

Signal : TIC: BM032456.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.955	16	20	29	rVB	72463	101208	1.17%	0.113%
2	3.255	68	71	78	rVB	12756	17811	0.21%	0.020%
3	3.390	91	94	112	rBB	184452	301248	3.49%	0.335%
4	3.643	132	137	146	rVB	27051	50446	0.58%	0.056%
5	3.731	149	152	160	rVB	16080	25184	0.29%	0.028%
6	6.631	641	645	651	rBV2	9750	15969	0.18%	0.018%
7	6.801	667	674	683	rBV	347374	545142	6.31%	0.607%
8	6.937	690	697	708	rBV	1056402	1594074	18.45%	1.774%
9	7.148	725	733	741	rBV	1093564	1651565	19.11%	1.838%
10	7.213	741	744	749	rVB	18263	27567	0.32%	0.031%
11	7.607	805	811	821	rBV	1087973	1683397	19.48%	1.874%
12	7.690	821	825	830	rVB	20656	29071	0.34%	0.032%
13	8.337	929	935	949	rBV	1036376	1563100	18.09%	1.740%
14	8.766	1001	1008	1022	rBV	1232211	2022495	23.40%	2.251%
15	8.913	1028	1033	1042	rBV9	8995	23717	0.27%	0.026%
16	9.242	1083	1089	1095	rVB3	11174	19270	0.22%	0.021%
17	9.489	1123	1131	1146	rBV	1034979	1676955	19.41%	1.866%
18	9.654	1156	1159	1165	rVB5	6690	10707	0.12%	0.012%
19	9.742	1169	1174	1179	rVB5	5791	8691	0.10%	0.010%
20	9.907	1197	1202	1206	rBV3	9754	15533	0.18%	0.017%
21	10.031	1216	1223	1238	rBV	1579717	2530984	29.29%	2.817%
22	10.178	1242	1248	1258	rVV	1015607	1461983	16.92%	1.627%
23	10.401	1277	1286	1293	rBV	1629701	2691341	31.15%	2.995%
24	10.536	1302	1309	1327	rBV	1426938	2385413	27.60%	2.655%
25	11.725	1506	1511	1517	rBV3	6452	11895	0.14%	0.013%
26	11.889	1535	1539	1544	rVB4	5589	9526	0.11%	0.011%
27	11.960	1547	1551	1552	rVV3	8901	10530	0.12%	0.012%
28	11.989	1552	1556	1563	rVB2	31037	49826	0.58%	0.055%
29	12.266	1599	1603	1606	rBV4	5664	11127	0.13%	0.012%
30	12.613	1656	1662	1666	rBV2	12060	21564	0.25%	0.024%
31	12.860	1697	1704	1711	rVB	21229	31259	0.36%	0.035%
32	13.101	1739	1745	1750	rBV	600263	838714	9.71%	0.933%
33	13.160	1750	1755	1762	rVV	424373	652635	7.55%	0.726%
34	13.224	1762	1766	1774	rVB3	11706	20429	0.24%	0.023%
35	13.660	1834	1840	1849	rBV	3103236	4345582	50.29%	4.837%
36	13.801	1859	1864	1871	rBV2	27725	43124	0.50%	0.048%

LSC Area Percent Report

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Data File : BM032456.D
Acq On : 12 Oct 2021 13:29
Operator : CG/JU
Sample : M4098-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT37

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-BM100521.M
Title : SVOA CALIBRATION

37	13.948	1882	1889	1904	rVB	3596166	5114683	59.19%	5.693%
38	14.166	1924	1926	1930	rVB4	8116	9836	0.11%	0.011%
39	14.260	1935	1942	1950	rVV	2703677	3912050	45.27%	4.354%
40	14.319	1950	1952	1960	rVB4	16168	26617	0.31%	0.030%
41	14.401	1962	1966	1970	rBV3	11941	17138	0.20%	0.019%
42	14.466	1970	1977	1996	rBV	340294	547793	6.34%	0.610%
43	14.601	1996	2000	2005	rBV9	8425	18805	0.22%	0.021%
44	14.654	2005	2009	2020	rVV3	91687	158461	1.83%	0.176%
45	14.895	2046	2050	2055	rVB8	5629	10382	0.12%	0.012%
46	14.995	2063	2067	2073	rBV6	11250	16247	0.19%	0.018%
47	15.060	2074	2078	2082	rVB3	11727	18656	0.22%	0.021%
48	15.113	2084	2087	2091	rBV	9054	11877	0.14%	0.013%
49	15.177	2093	2098	2100	rBV	16980	24724	0.29%	0.028%
50	15.248	2100	2110	2123	rVV	4688785	6743317	78.04%	7.505%
51	15.365	2123	2130	2142	rVV	1706946	2297373	26.59%	2.557%
52	15.483	2146	2150	2160	rVB2	65553	110207	1.28%	0.123%
53	15.607	2167	2171	2174	rVB6	8016	12018	0.14%	0.013%
54	15.689	2179	2185	2191	rBV2	66065	109331	1.27%	0.122%
55	15.801	2200	2204	2212	rVB7	11314	28333	0.33%	0.032%
56	15.871	2212	2216	2220	rBV3	13029	20514	0.24%	0.023%
57	15.924	2220	2225	2231	rBV4	26318	51264	0.59%	0.057%
58	16.030	2238	2243	2247	rVB3	21735	35006	0.41%	0.039%
59	16.130	2255	2260	2267	rBV4	23173	41991	0.49%	0.047%
60	16.242	2276	2279	2284	rVB2	19106	23709	0.27%	0.026%
61	16.395	2302	2305	2312	rVB2	23913	29901	0.35%	0.033%
62	16.536	2327	2329	2335	rVB5	6469	8944	0.10%	0.010%
63	16.671	2348	2352	2353	rBV4	11674	14742	0.17%	0.016%
64	16.771	2362	2369	2380	rVB4	33190	82818	0.96%	0.092%
65	16.983	2399	2405	2411	rBV	3337351	4716995	54.59%	5.250%
66	17.083	2415	2422	2432	rVV	5529690	7519298	87.02%	8.369%
67	17.265	2450	2453	2456	rBV4	5673	9581	0.11%	0.011%
68	17.365	2465	2470	2477	rVB5	26645	48630	0.56%	0.054%
69	17.518	2493	2496	2503	rVB2	12583	19289	0.22%	0.021%
70	17.654	2514	2519	2527	rVB	219443	269737	3.12%	0.300%
71	17.724	2527	2531	2535	rBV3	8109	13389	0.15%	0.015%
72	17.877	2552	2557	2565	rBV	372705	547596	6.34%	0.609%
73	18.154	2601	2604	2609	rBV6	9993	17247	0.20%	0.019%
74	18.730	2698	2702	2708	rBV4	36277	64305	0.74%	0.072%
75	18.789	2708	2712	2714	rVV2	77389	99614	1.15%	0.111%
76	18.818	2714	2717	2721	rVV	709557	822755	9.52%	0.916%

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Operator : CG/JU
Sample : M4098-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT37

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Title : SVOA CALIBRATION

77	18.854	2721	2723	2731	rVB	43594	50887	0.59%	0.057%
78	18.953	2731	2740	2744	rBV2	213093	345966	4.00%	0.385%
79	19.006	2744	2749	2753	rBV	82986	113036	1.31%	0.126%
80	19.153	2770	2774	2786	rBV	159571	254193	2.94%	0.283%
81	19.259	2789	2792	2795	rVB2	16450	19500	0.23%	0.022%
82	19.301	2796	2799	2802	rVB4	24152	23761	0.27%	0.026%
83	19.371	2805	2811	2817	rBV	6689972	8641321	100.00%	9.618%
84	19.912	2901	2903	2905	rVB2	23379	18091	0.21%	0.020%
85	19.995	2914	2917	2921	rVB3	43263	50114	0.58%	0.056%
86	20.071	2927	2930	2935	rVB2	38352	44690	0.52%	0.050%
87	20.236	2954	2958	2962	rBV3	54834	73037	0.85%	0.081%
88	20.853	3060	3063	3069	rBV	258371	292854	3.39%	0.326%
89	21.153	3108	3114	3125	rBV	3992669	5184080	59.99%	5.770%
90	21.242	3127	3129	3133	rVV2	61713	75420	0.87%	0.084%
91	22.142	3279	3282	3286	rVB	134692	155480	1.80%	0.173%
92	22.612	3359	3362	3366	rVB	197815	255441	2.96%	0.284%
93	23.165	3447	3456	3469	rVB2	4707936	8574322	99.22%	9.543%
94	23.294	3472	3478	3494	rVB2	2817667	5121814	59.27%	5.701%
95	23.724	3548	3551	3559	rVB	256302	408433	4.73%	0.455%

Sum of corrected areas: 89846695

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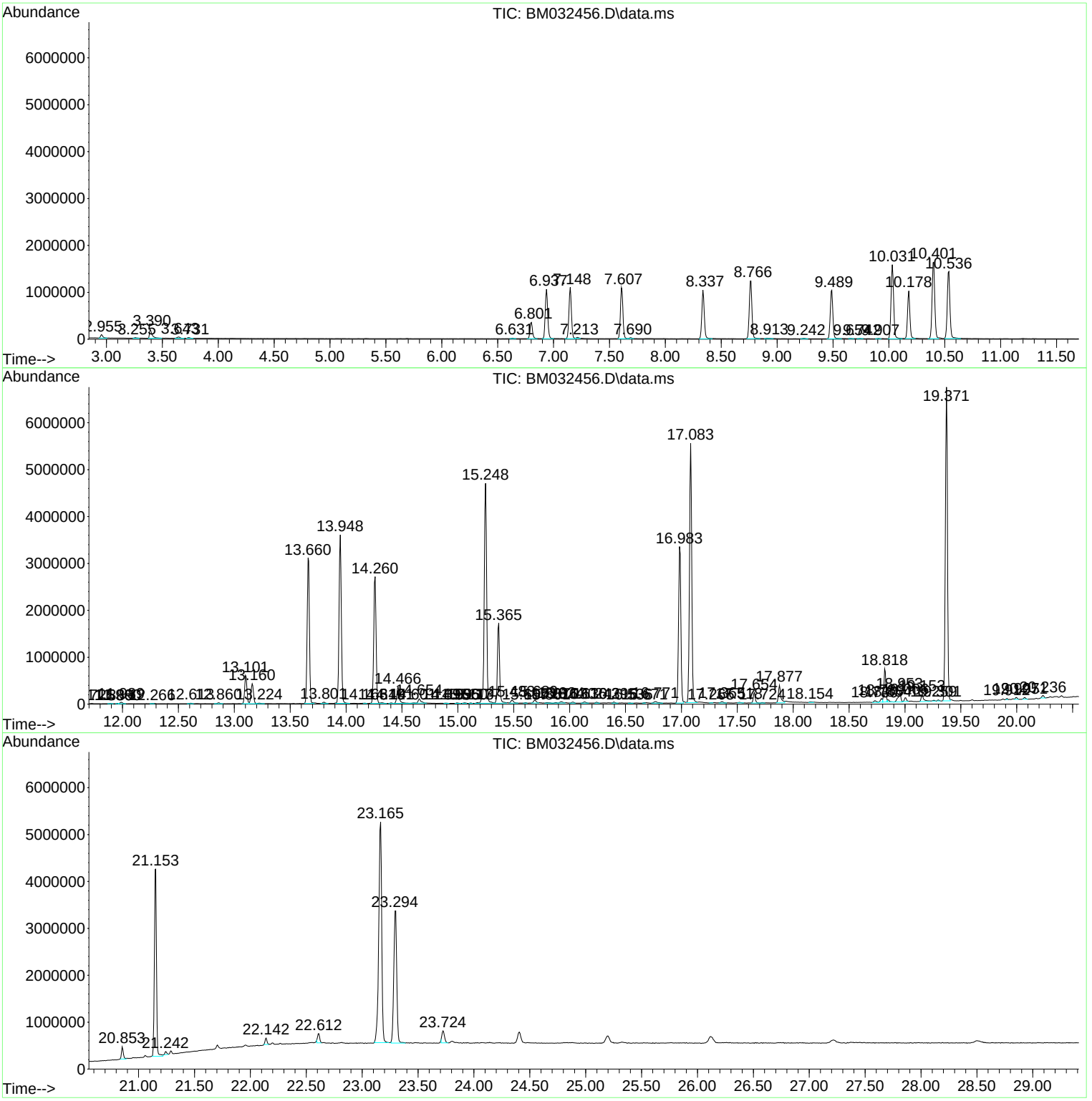
Instrument : BNA_M
ClientSampleId : YAT37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
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Sample : M4098-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT37

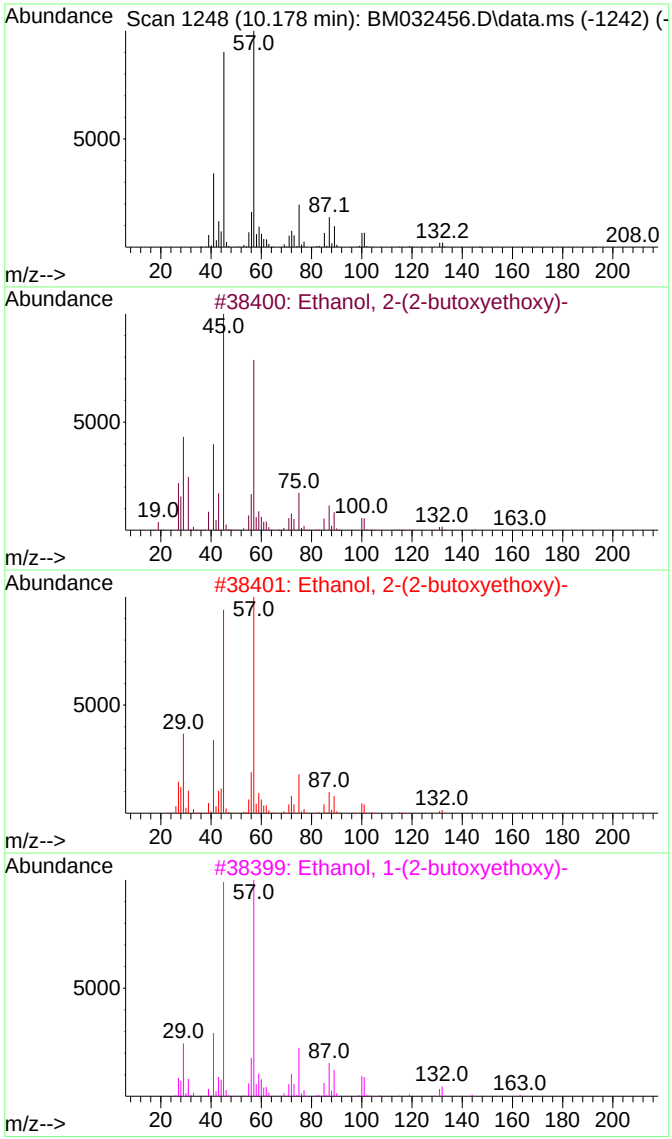
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

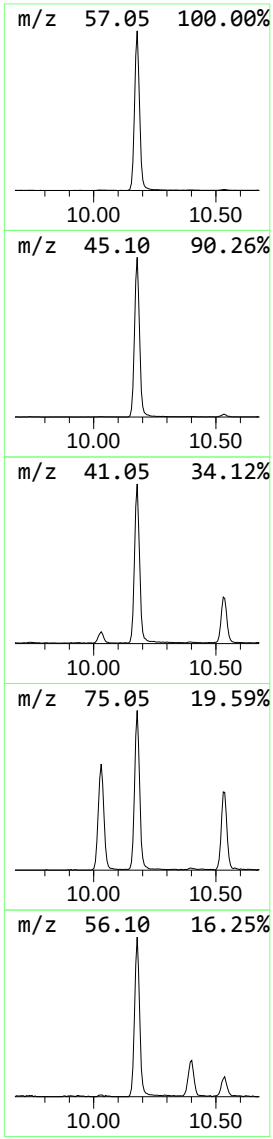
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	10.86 ng/ul	1461980	Naphthalene-d8	10.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	90
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
5	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72





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Acq On : 12 Oct 2021 13:29
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Sample : M4098-04
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT37

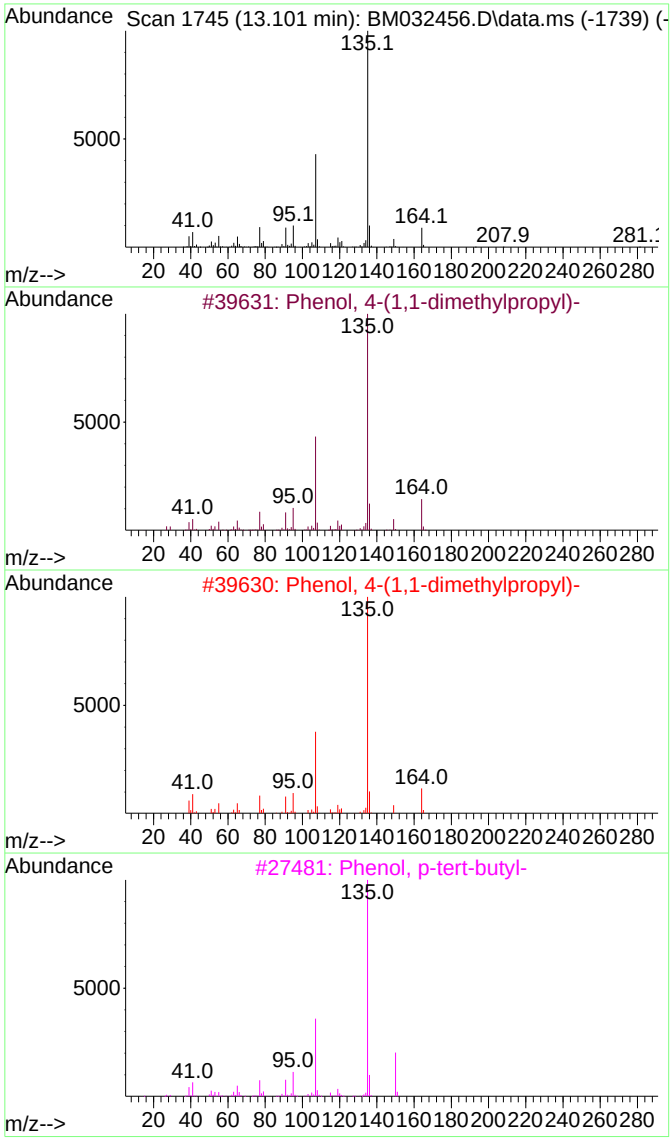
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

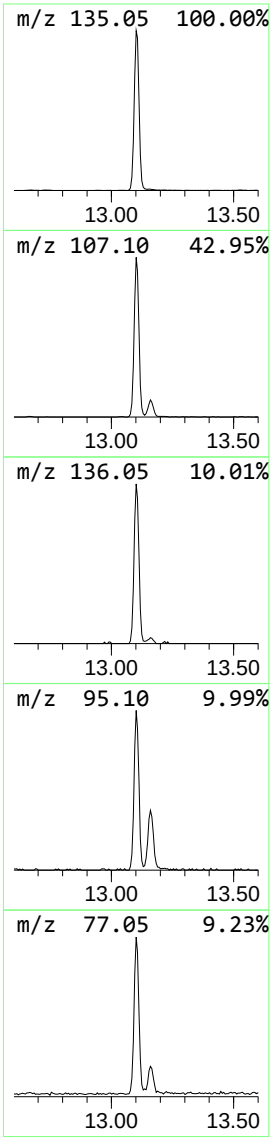
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Phenol, 4-(1,1-dimethylprop... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.101	4.29 ng/ul	838714	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
4	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	87
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	86





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BNA_M
ClientSampleId :
YAT37

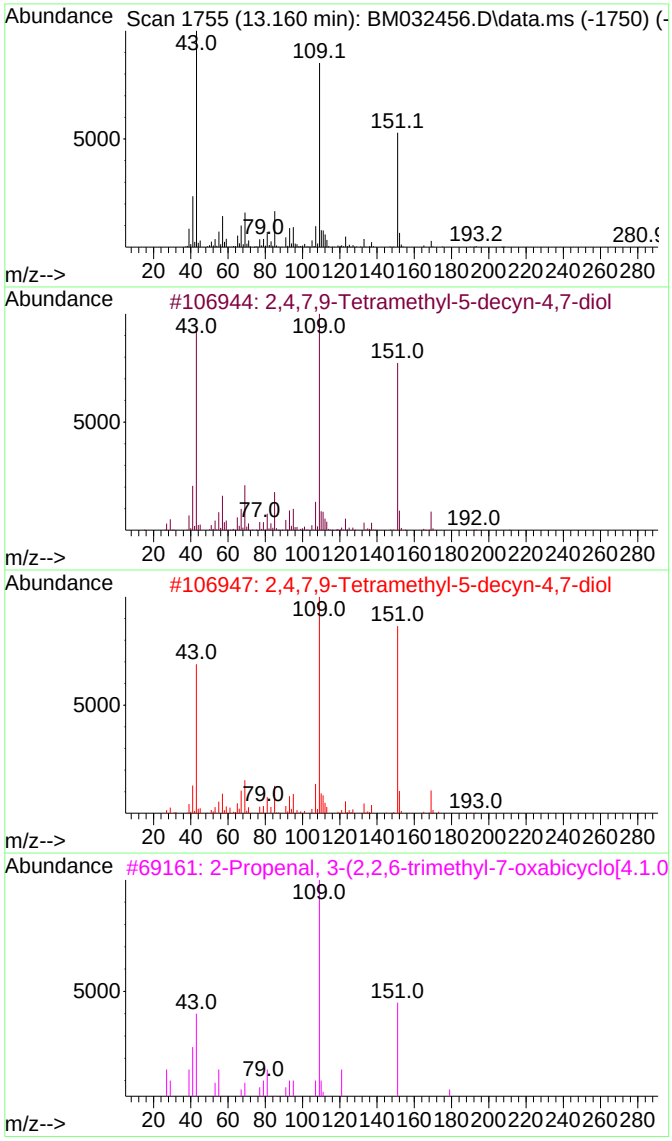
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

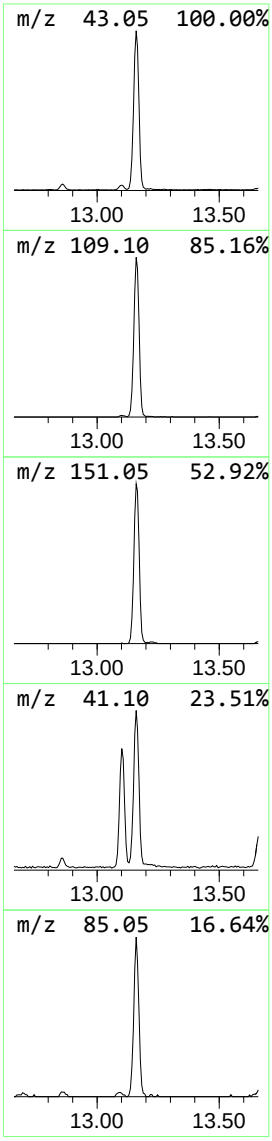
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.160	3.34 ng/ul	652635	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	91
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90
3	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	56
4	Metacetamol	151	C8H9NO2	000621-42-1	53
5	Metacetamol	151	C8H9NO2	000621-42-1	53





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

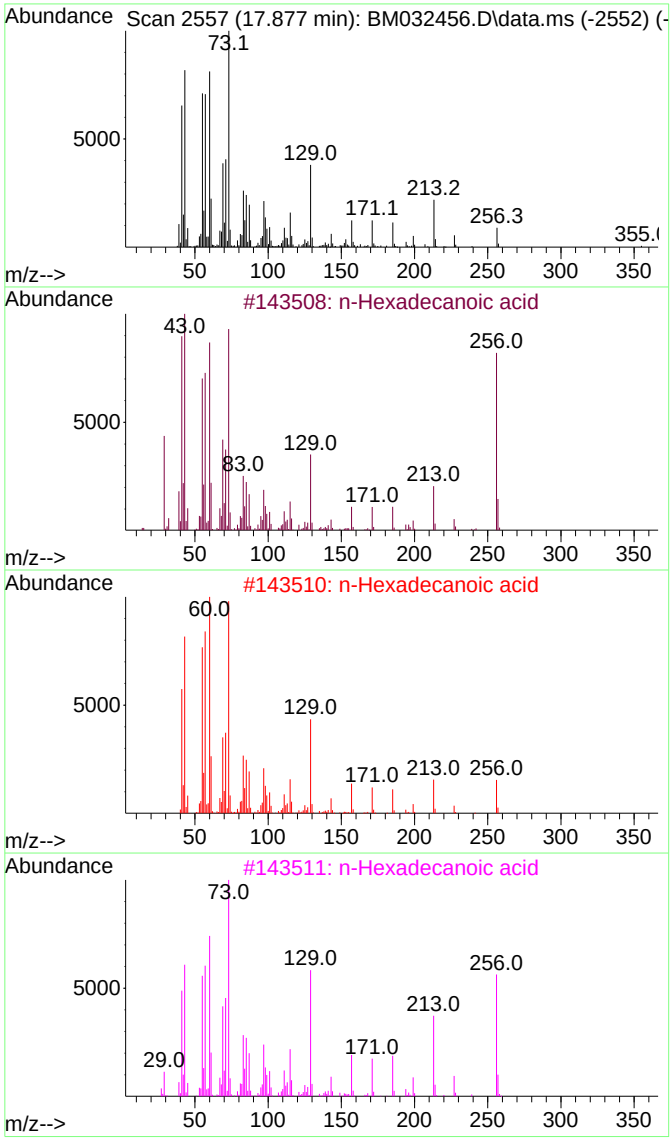
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

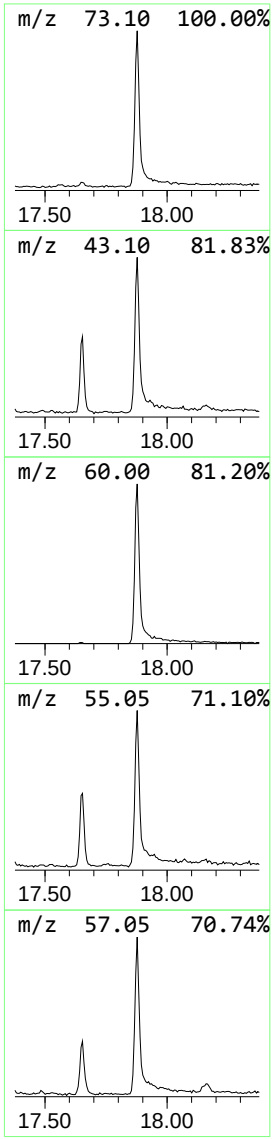
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.877	2.32 ng/ul	547596	Phenanthrene-d10	16.983

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	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	93





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Misc :
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Instrument : BNA_M
ClientSampleId : YAT37

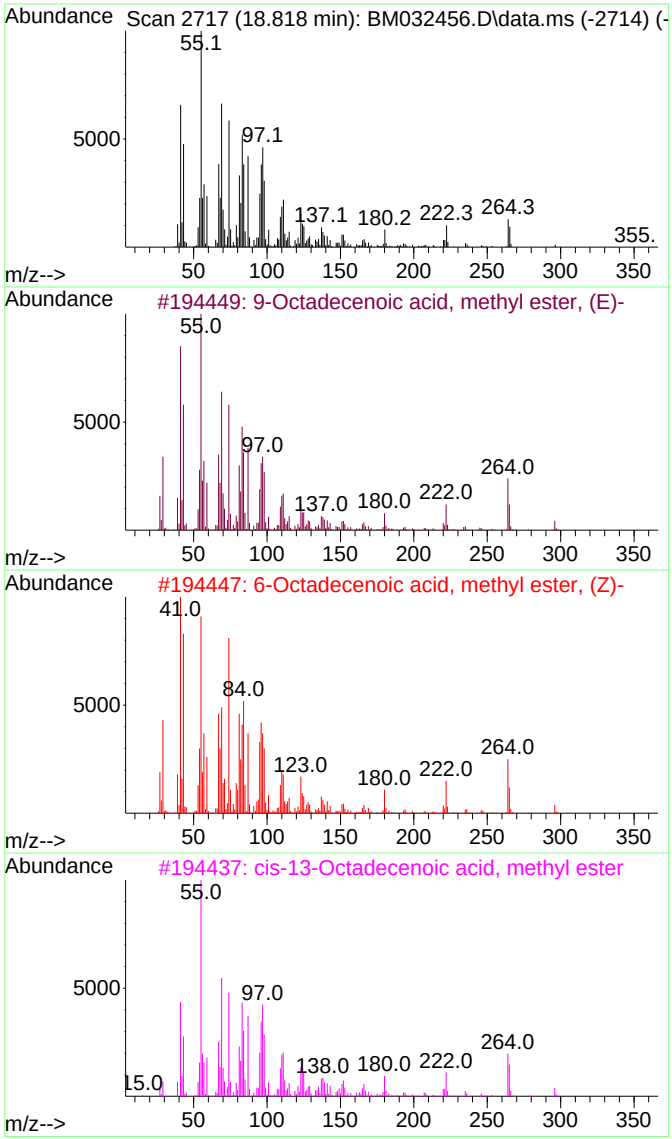
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

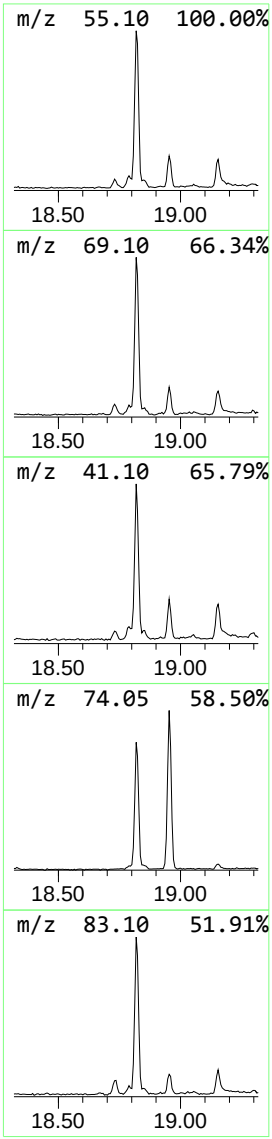
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 9-Octadecenoic acid, methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.818	3.49 ng/ul	822755	Phenanthrene-d10	16.983

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid, methyl este...	296	C19H36O2	001937-62-8	99
2	6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	99
3	cis-13-Octadecenoic acid, methyl...	296	C19H36O2	1010333-58-3	99
4	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99
5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
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Acq On : 12 Oct 2021 13:29
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Instrument : BNA_M
ClientSampleId : YAT37

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.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
Ethanol, 2-(2-b...	10.178	10.9	ng/ul	1461980	2	10.401	2691340	20.0
Phenol, 4-(1,1-...	13.101	4.3	ng/ul	838714	3	14.260	3912050	20.0
2,4,7,9-Tetrame...	13.160	3.3	ng/ul	652635	3	14.260	3912050	20.0
n-Hexadecanoic ...	17.877	2.3	ng/ul	547596	4	16.983	4717000	20.0
9-Octadecenoic ...	18.818	3.5	ng/ul	822755	4	16.983	4717000	20.0