LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101121\
Data File : BM032446.D
Acq On : 12 Oct 2021 07:27
Operator : CG/JU
Sample : M4098-01
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : YAT35

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: BM032446.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	28	rBV	59695	80439	0.88%	0.092%
2	3.266	69	73	79	rBV3	6104	9997	0.11%	0.011%
3	3.390	90	94	111	rBV	279540	427901	4.69%	0.491%
4	3.649	132	138	147	rVB	24107	44050	0.48%	0.051%
5	3.731	149	152	158	rVB	15899	23512	0.26%	0.027%
6	4.702	313	317	321	rBV4	9214	12832	0.14%	0.015%
7	6.801	667	674	687	rBV	313664	478479	5.25%	0.549%
8	6.937	690	697	706	rBV	996417	1530880	16.78%	1.755%
9	7.148	724	733	742	rBV	1040248	1573876	17.25%	1.805%
10	7.607	805	811	823	rBV	1075085	1679237	18.41%	1.925%
11	7.684	823	824	831	rVB3	8450	11629	0.13%	0.013%
12	8.337	928	935	949	rBV	888811	1350760	14.81%	1.549%
13	8.766	1000	1008	1018	rBV	1225185	1971830	21.62%	2.261%
14	9.242	1083	1089	1093	rVB2	16886	25867	0.28%	0.030%
15	9.489	1122	1131	1142	rBV	1015757	1608861	17.64%	1.845%
16	10.031	1216	1223	1240	rBV	1492687	2370680	25.99%	2.718%
17	10.178	1242	1248	1260	rVB	408324	603755	6.62%	0.692%
18	10.401	1275	1286	1295	rBV	1665031	2698421	29.58%	3.094%
19	10.536	1301	1309	1333	rBV	1186751	2010382	22.04%	2.305%
20	11.213	1417	1424	1430	rBV5	12787	26034	0.29%	0.030%
21	11.725	1504	1511	1517	rBV3	11276	17710	0.19%	0.020%
22	11.989	1551	1556	1563	rVB	30740	49882	0.55%	0.057%
23	12.613	1657	1662	1668	rBV5	8649	12493	0.14%	0.014%
24	12.860	1700	1704	1710	rVB3	16393	25216	0.28%	0.029%
25	13.101	1739	1745	1750	rBV	336938	465741	5.11%	0.534%
26	13.160	1750	1755	1761	rVV	157984	242157	2.65%	0.278%
27	13.225	1761	1766	1771	rVB3	8580	14162	0.16%	0.016%
28	13.666	1833	1841	1848	rBV	3069792	4320391	47.36%	4.954%
29	13.801	1860	1864	1871	rVB7	6023	10630	0.12%	0.012%
30	13.948	1879	1889	1901	rBV	3505717	4974215	54.53%	5.703%
31	14.072	1905	1910	1914	rVB3	9778	17050	0.19%	0.020%
32	14.172	1922	1927	1932	rVB4	5695	9879	0.11%	0.011%
33	14.260	1935	1942	1949	rBV	2745379	3890968	42.65%	4.461%
34	14.466	1970	1977	1990	rBV	338336	523180	5.74%	0.600%
35	14.677	2006	2013	2019	rVB10	16046	31619	0.35%	0.036%
36	14.895	2045	2050	2057	rVB	14676	20581	0.23%	0.024%

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Misc :
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Instrument : BNA_M
ClientSampleId : YAT35

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

37	15.066	2073	2079	2084	rBV3	9382	15678	0.17%	0.018%
38	15.248	2101	2110	2124	rBV	4721012	6736068	73.84%	7.723%
39	15.366	2124	2130	2145	rVV	1828394	2353208	25.80%	2.698%
40	15.483	2146	2150	2155	rBV	59860	82051	0.90%	0.094%
41	15.683	2179	2184	2189	rVV6	12416	20166	0.22%	0.023%
42	15.795	2199	2203	2205	rBV5	9523	11820	0.13%	0.014%
43	15.918	2221	2224	2230	rVV6	13177	25285	0.28%	0.029%
44	15.995	2234	2237	2240	rVV	18328	27874	0.31%	0.032%
45	16.030	2240	2243	2250	rVB5	16858	25845	0.28%	0.030%
46	16.130	2256	2260	2267	rVB7	11571	20858	0.23%	0.024%
47	16.242	2276	2279	2283	rVB3	9204	12110	0.13%	0.014%
48	16.401	2302	2306	2310	rVB4	12056	17077	0.19%	0.020%
49	16.671	2348	2352	2356	rBV4	7706	10536	0.12%	0.012%
50	16.771	2361	2369	2372	rBV	18107	32687	0.36%	0.037%
51	16.807	2372	2375	2380	rVB2	16732	21858	0.24%	0.025%
52	16.989	2399	2406	2415	rBV	3373793	4721377	51.76%	5.413%
53	17.083	2415	2422	2434	rVV2	5627262	7881294	86.40%	9.036%
54	17.171	2435	2437	2443	rVB7	12543	22600	0.25%	0.026%
55	17.360	2465	2469	2473	rVB4	14917	22061	0.24%	0.025%
56	17.407	2473	2477	2483	rVB9	7270	13066	0.14%	0.015%
57	17.518	2493	2496	2501	rVB6	6479	9312	0.10%	0.011%
58	17.654	2514	2519	2525	rBV	140734	163795	1.80%	0.188%
59	17.877	2551	2557	2566	rBV	269896	410799	4.50%	0.471%
60	18.071	2588	2590	2597	rVB8	6541	11095	0.12%	0.013%
61	18.736	2699	2703	2704	rBV3	9845	12348	0.14%	0.014%
62	18.789	2708	2712	2714	rVV2	47453	59063	0.65%	0.068%
63	18.824	2714	2718	2722	rVB	438106	504727	5.53%	0.579%
64	18.954	2732	2740	2745	rBV2	108805	216970	2.38%	0.249%
65	19.006	2745	2749	2755	rVB	86288	111612	1.22%	0.128%
66	19.154	2770	2774	2781	rBV	142132	193802	2.12%	0.222%
67	19.259	2789	2792	2795	rVB	13155	15847	0.17%	0.018%
68	19.295	2795	2798	2802	rBV3	17661	20407	0.22%	0.023%
69	19.371	2805	2811	2817	rBV	6701205	9082614	99.57%	10.414%
70	19.995	2915	2917	2921	rVB5	21195	24034	0.26%	0.028%
71	20.853	3059	3063	3069	rBV	174461	217672	2.39%	0.250%
72	21.148	3108	3113	3123	rBV	4209037	5247666	57.53%	6.017%
73	22.136	3279	3281	3286	rVB	124114	144991	1.59%	0.166%
74	22.606	3359	3361	3368	rVB	204373	265390	2.91%	0.304%
75	23.165	3447	3456	3468	rVB2	4863662	9122067	100.00%	10.459%
76	23.294	3472	3478	3489	rVB2	2912783	5142919	56.38%	5.897%

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Instrument : BNA_M
ClientSampleId : YAT35

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	23.724	3547	3551	3557	rVB	286971	474688	5.20%	0.544%
78	24.400	3662	3666	3674	rVB	271839	527807	5.79%	0.605%

Sum of corrected areas: 87218440

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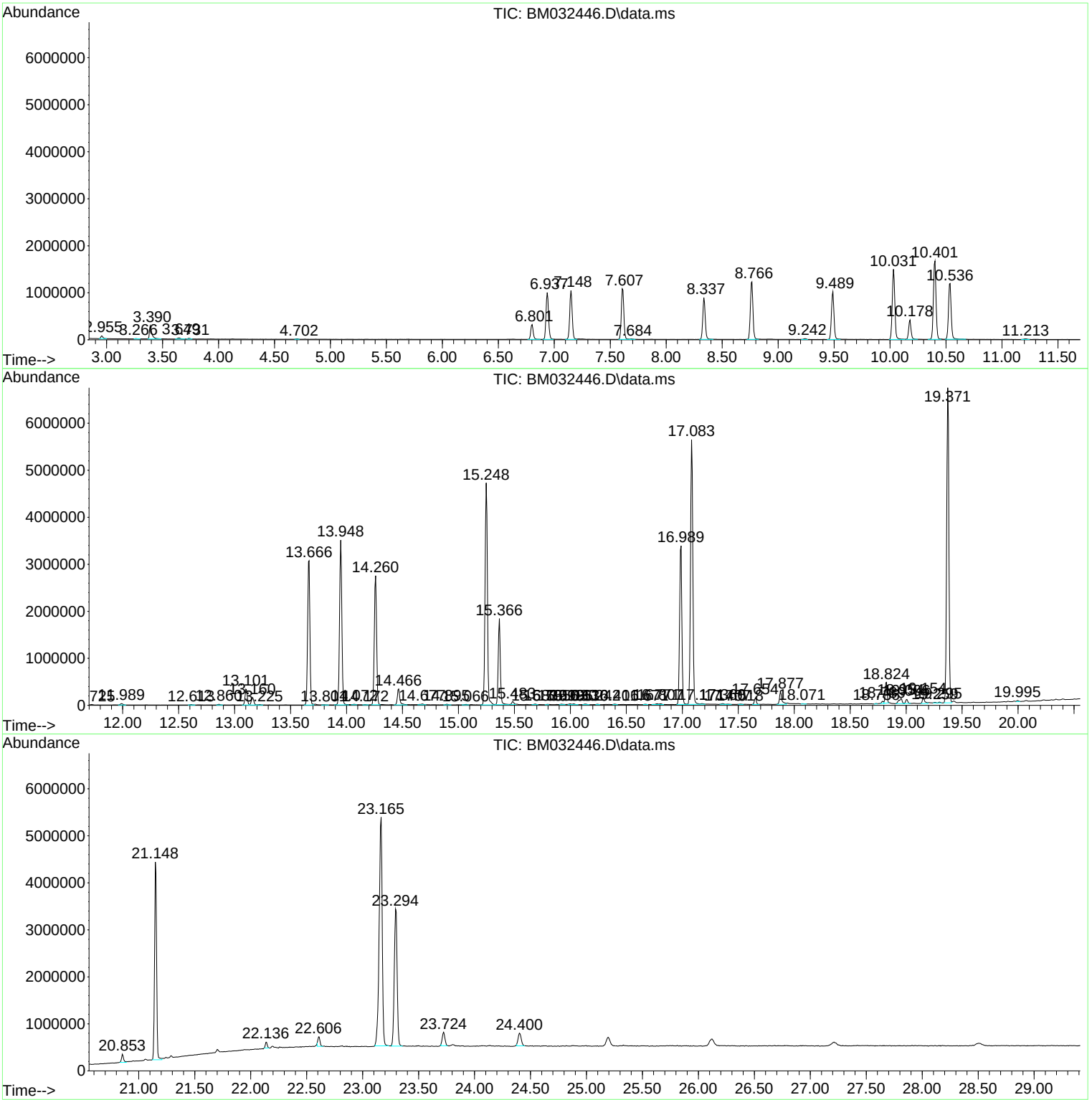
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAT35

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\
Data File : BM032446.D
Acq On : 12 Oct 2021 07:27
Operator : CG/JU
Sample : M4098-01
Misc :
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Instrument : BNA_M
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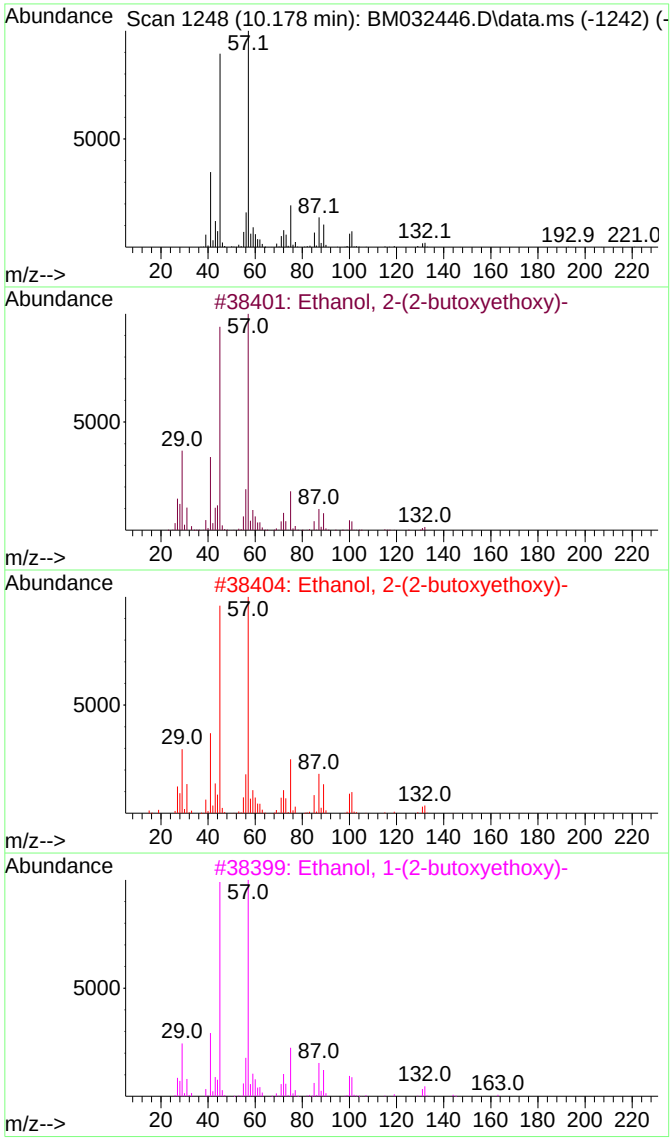
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

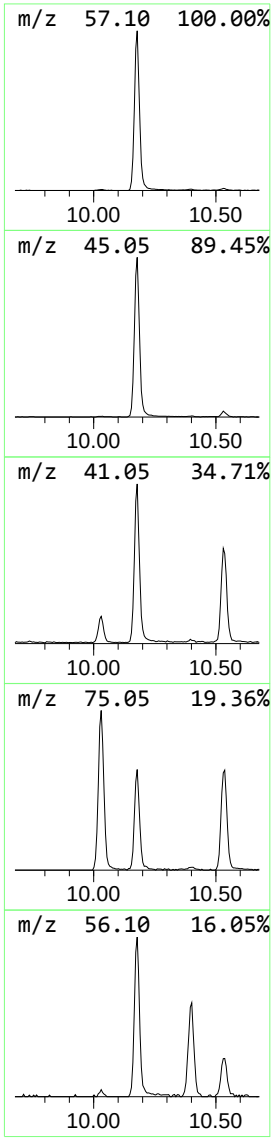
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	4.47 ng/ul	603755	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	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	72
5	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64





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Instrument :
BNA_M
ClientSampleId :
YAT35

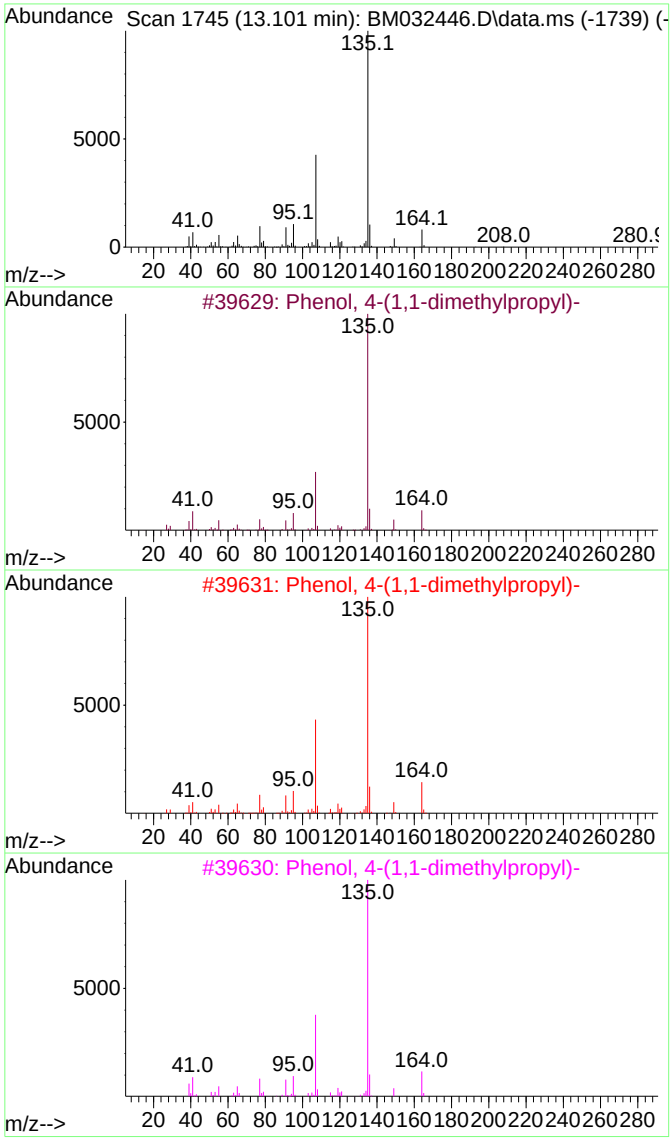
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

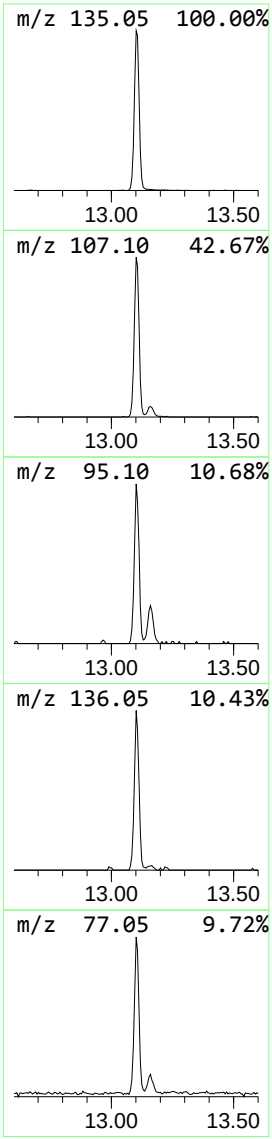
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.101	2.39 ng/ul	465741	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	94
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	93
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	91
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90
5	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	90





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
YAT35

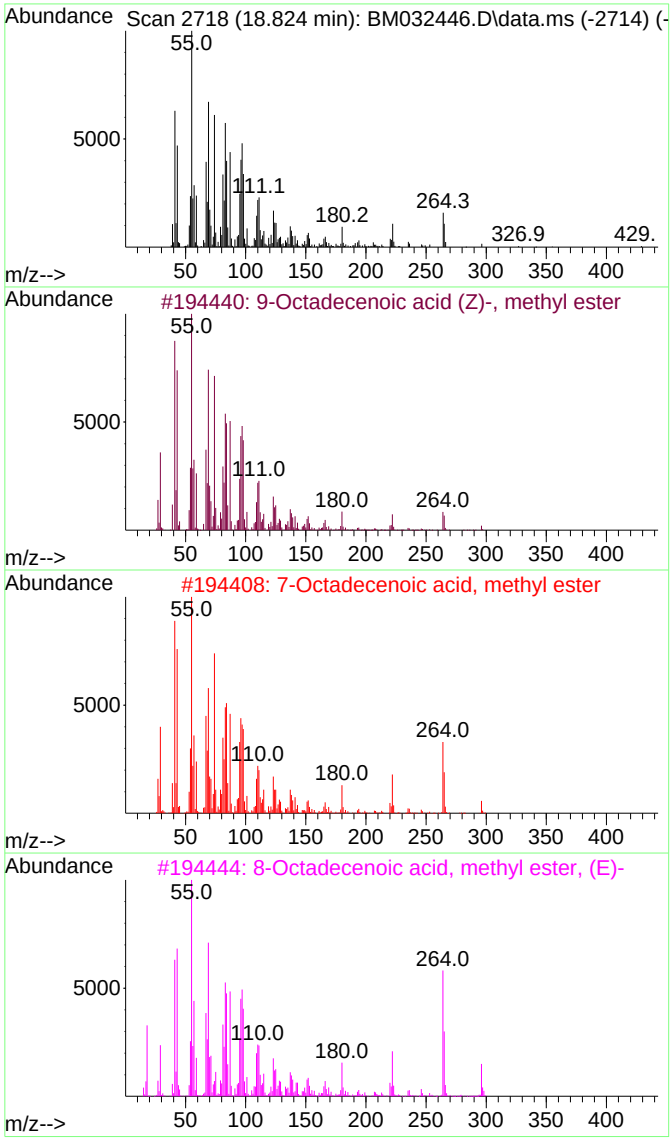
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

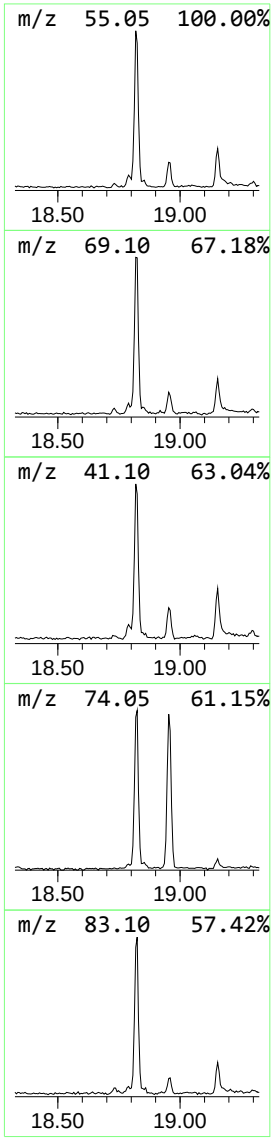
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9-Octadecenoic acid (Z)-, m... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.824	2.14 ng/ul	504727	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
2	7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
3	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
4	9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	99
5	11-Octadecenoic acid, methyl est...	296	C19H36O2	001937-63-9	99





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ALS Vial : 33 Sample Multiplier: 1

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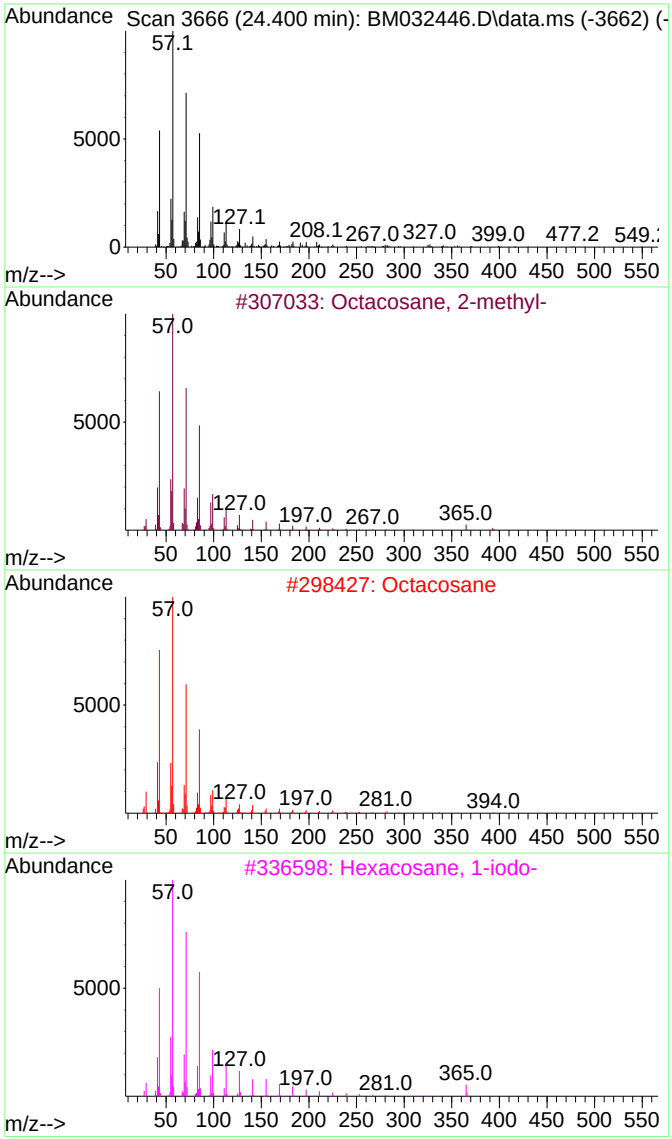
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM100521.M
Quant Title : SVOA CALIBRATION

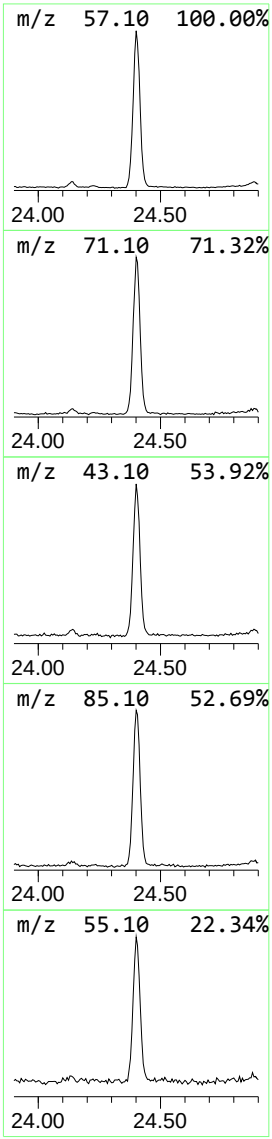
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.400	2.05 ng/ul	527807	Perylene-d12	23.294

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane, 2-methyl-	408	C29H60	001560-98-1	90
2	Octacosane	394	C28H58	000630-02-4	90
3	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	90
4	Dotriacontane, 1-iodo-	576	C32H65I	1000406-32-4	90
5	Heptacosane	380	C27H56	000593-49-7	90





Tentatively Identified Compound (LSC) summary

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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	4.5	ng/ul	603755	2	10.401	2698420	20.0
Phenol, 4-(1,1-...	13.101	2.4	ng/ul	465741	3	14.260	3890970	20.0
9-Octadecenoic ...	18.824	2.1	ng/ul	504727	4	16.989	4721380	20.0
(DEL) Alkane: S...	24.400	2.0	ng/ul	527807	6	23.294	5142920	20.0