LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030845.D
Acq On : 07 Jul 2021 07:17
Operator : CG/JU
Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS5

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-BM070621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030845.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.263	27	30	36	rVB	9847	13496	0.33%	0.067%
2	3.699	101	104	113	rBV	40785	95032	2.31%	0.468%
3	3.987	149	153	157	rVB3	7777	11879	0.29%	0.059%
4	5.416	393	396	400	rBV2	2438	4173	0.10%	0.021%
5	5.793	456	460	464	rVB5	3022	4765	0.12%	0.023%
6	6.934	647	654	666	rBV	184302	313203	7.62%	1.544%
7	7.098	675	682	692	rBV	143947	241779	5.89%	1.192%
8	7.298	709	716	727	rBV	193210	322717	7.86%	1.591%
9	7.387	727	731	735	rVB3	4230	6193	0.15%	0.031%
10	7.763	788	795	802	rBV	369416	594900	14.48%	2.932%
11	7.834	802	807	813	rVB	6896	12174	0.30%	0.060%
12	7.987	829	833	838	rBV6	2862	5614	0.14%	0.028%
13	8.463	905	914	926	rBV	224195	382902	9.32%	1.887%
14	8.592	931	936	941	rVV7	2767	5151	0.13%	0.025%
15	8.916	984	991	1004	rBV	170472	301408	7.34%	1.486%
16	9.639	1106	1114	1125	rBV	138577	244034	5.94%	1.203%
17	10.175	1197	1205	1220	rBV	202262	383301	9.33%	1.889%
18	10.351	1229	1235	1253	rBV2	40627	114134	2.78%	0.563%
19	10.545	1261	1268	1276	rVB	507314	848981	20.67%	4.184%
20	10.686	1285	1292	1308	rBV	176338	358568	8.73%	1.767%
21	12.139	1535	1539	1543	rVB3	3511	5628	0.14%	0.028%
22	12.998	1681	1685	1691	rVB5	2520	4652	0.11%	0.023%
23	13.351	1740	1745	1752	rBV6	2633	5305	0.13%	0.026%
24	13.804	1815	1822	1833	rBV	434875	632843	15.41%	3.119%
25	14.045	1859	1863	1864	rBV3	6285	7309	0.18%	0.036%
26	14.086	1864	1870	1883	rVB	475266	711405	17.32%	3.506%
27	14.298	1901	1906	1909	rBV4	2735	4355	0.11%	0.021%
28	14.392	1915	1922	1930	rBV	778106	1136595	27.67%	5.602%
29	14.451	1930	1932	1937	rVB4	5862	8201	0.20%	0.040%
30	14.604	1952	1958	1976	rBV	79319	216727	5.28%	1.068%
31	14.822	1991	1995	2000	rVB7	4022	7419	0.18%	0.037%
32	15.386	2084	2091	2105	rBV	608194	953452	23.21%	4.699%
33	15.510	2107	2112	2124	rVV	136935	229715	5.59%	1.132%
34	15.627	2128	2132	2140	rVB3	8448	13294	0.32%	0.066%
35	15.804	2157	2162	2166	rBV5	6149	9855	0.24%	0.049%
36	16.168	2220	2224	2228	rVB3	10797	14622	0.36%	0.072%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS5

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-BM070621.M
Title : SVOA CALIBRATION

37	16.280	2236	2243	2246	rBV6	3483	6367	0.16%	0.031%
38	16.368	2254	2258	2263	rVB	4997	5868	0.14%	0.029%
39	16.527	2279	2285	2292	rBV4	8634	21807	0.53%	0.107%
40	16.592	2292	2296	2299	rVB3	3874	5162	0.13%	0.025%
41	16.663	2304	2308	2315	rVB6	3733	6965	0.17%	0.034%
42	16.868	2340	2343	2345	rBV2	9914	11420	0.28%	0.056%
43	17.004	2361	2366	2373	rBV	37302	54675	1.33%	0.269%
44	17.133	2381	2388	2397	rBV	873798	1314285	32.00%	6.478%
45	17.227	2397	2404	2415	rVB2	691719	1048731	25.53%	5.169%
46	17.515	2448	2453	2457	rBV7	2015	4865	0.12%	0.024%
47	17.798	2499	2501	2505	rVB3	6075	7730	0.19%	0.038%
48	17.898	2512	2518	2524	rBV7	7338	14445	0.35%	0.071%
49	18.021	2534	2539	2545	rBV	93401	142129	3.46%	0.700%
50	18.239	2574	2576	2579	rBV4	5405	6538	0.16%	0.032%
51	18.457	2603	2613	2624	rBV	124826	232194	5.65%	1.144%
52	18.598	2633	2637	2645	rVB2	43784	64464	1.57%	0.318%
53	18.874	2680	2684	2686	rBV4	3735	5126	0.12%	0.025%
54	18.951	2693	2697	2700	rBV3	11269	15247	0.37%	0.075%
55	19.157	2729	2732	2733	rBV	11686	13155	0.32%	0.065%
56	19.186	2734	2737	2744	rVB2	19731	29827	0.73%	0.147%
57	19.239	2744	2746	2748	rBV3	4434	4977	0.12%	0.025%
58	19.268	2748	2751	2753	rBV2	11640	13250	0.32%	0.065%
59	19.298	2753	2756	2765	rVB4	30118	49787	1.21%	0.245%
60	19.515	2788	2793	2804	rVB	863489	1212230	29.51%	5.975%
61	20.515	2958	2963	2967	rBV	3699356	4107696	100.00%	20.245%
62	21.009	3043	3047	3051	rBV	115459	167282	4.07%	0.824%
63	21.298	3091	3096	3106	rBV	873042	1183123	28.80%	5.831%
64	21.892	3193	3197	3207	rVB5	56436	122771	2.99%	0.605%
65	22.474	3292	3296	3301	rVB	120646	159042	3.87%	0.784%
66	22.850	3357	3360	3364	rVB	70658	86736	2.11%	0.427%
67	23.403	3448	3454	3467	rVB	426351	900879	21.93%	4.440%
68	23.544	3472	3478	3491	rVB2	530871	1045314	25.45%	5.152%

Sum of corrected areas: 20289868

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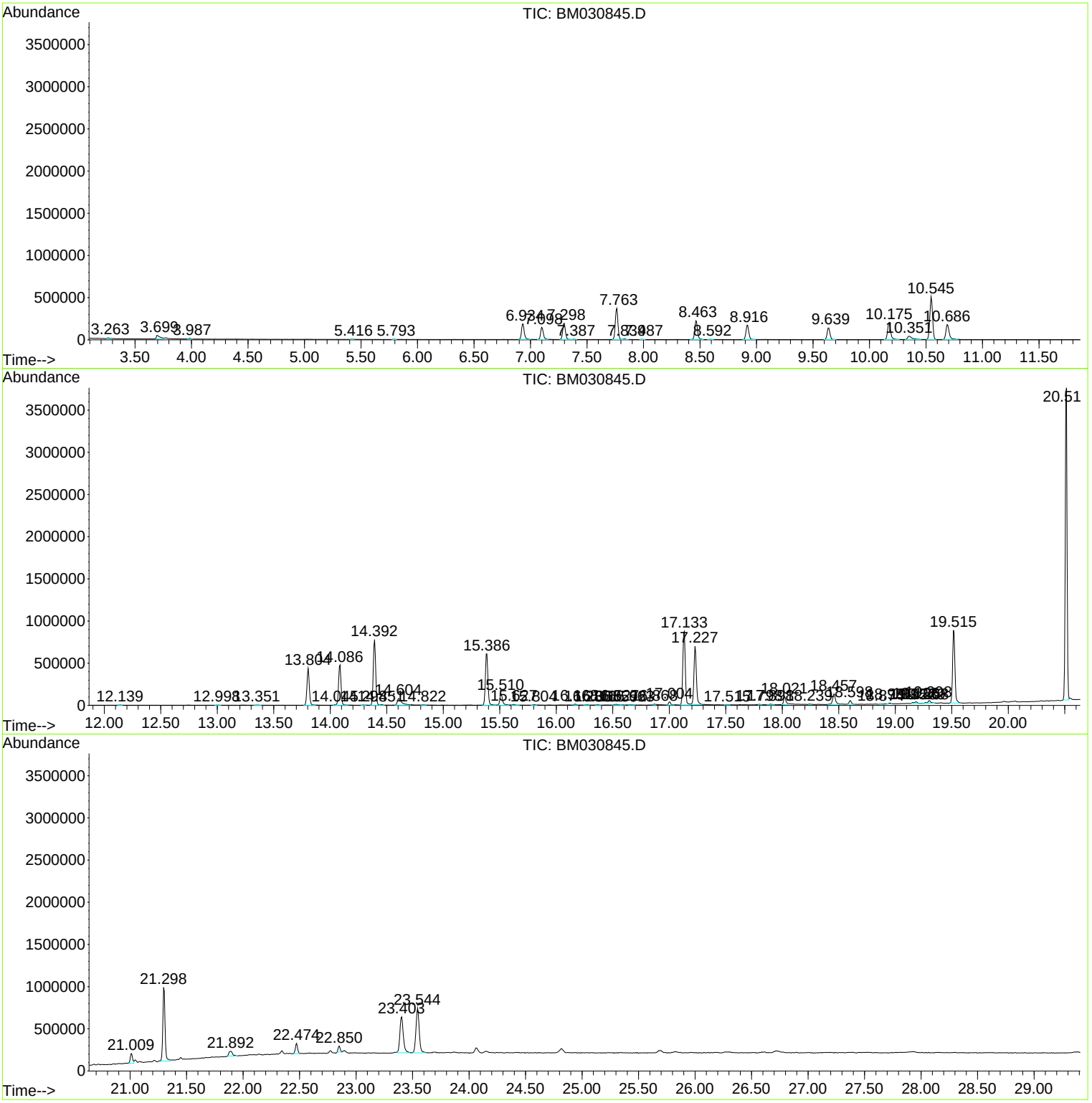
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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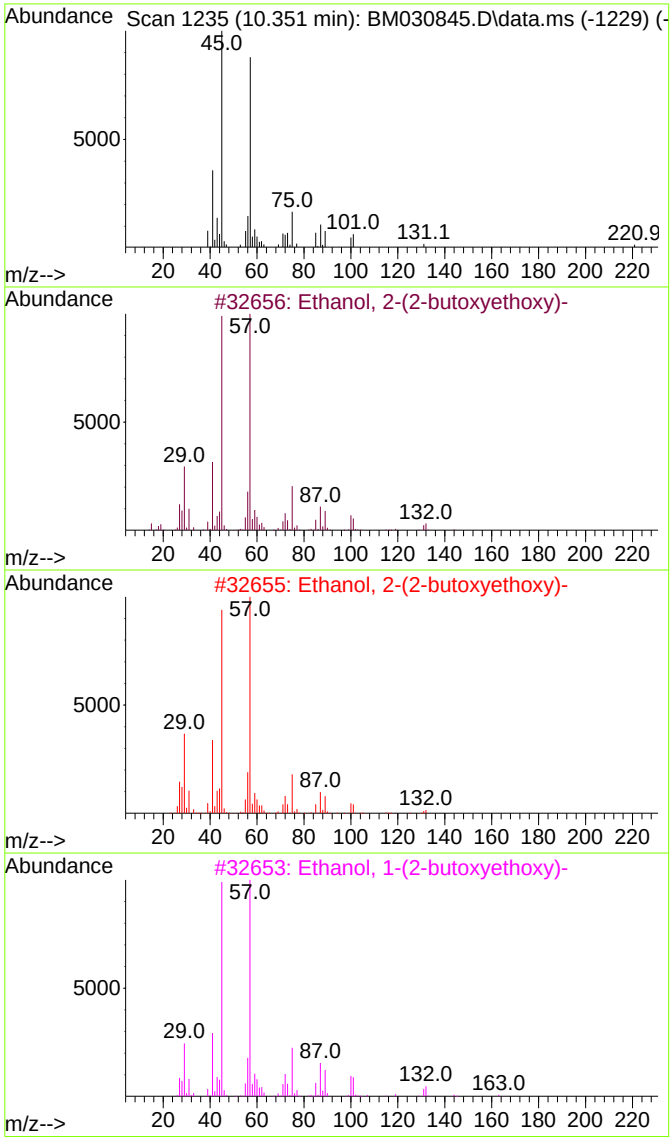
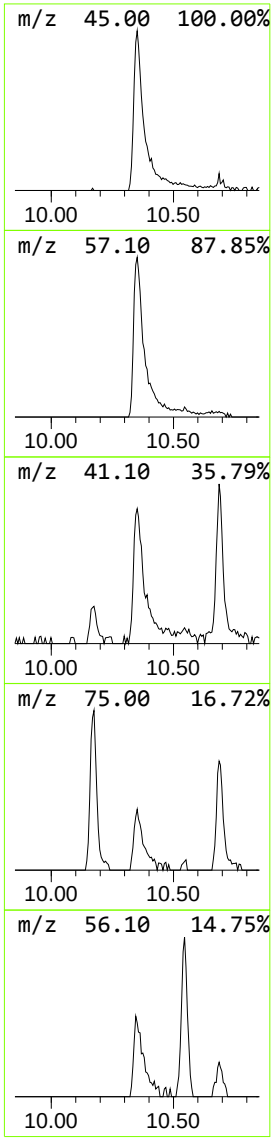
****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.350	2.69 ng/ul	114134	Naphthalene-d8	10.545

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	83
3	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
4	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
5	Di-sec-butyl ether	130	C8H18O	006863-58-7	59





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Data File : BM030845.D
Acq On : 07 Jul 2021 07:17
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Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

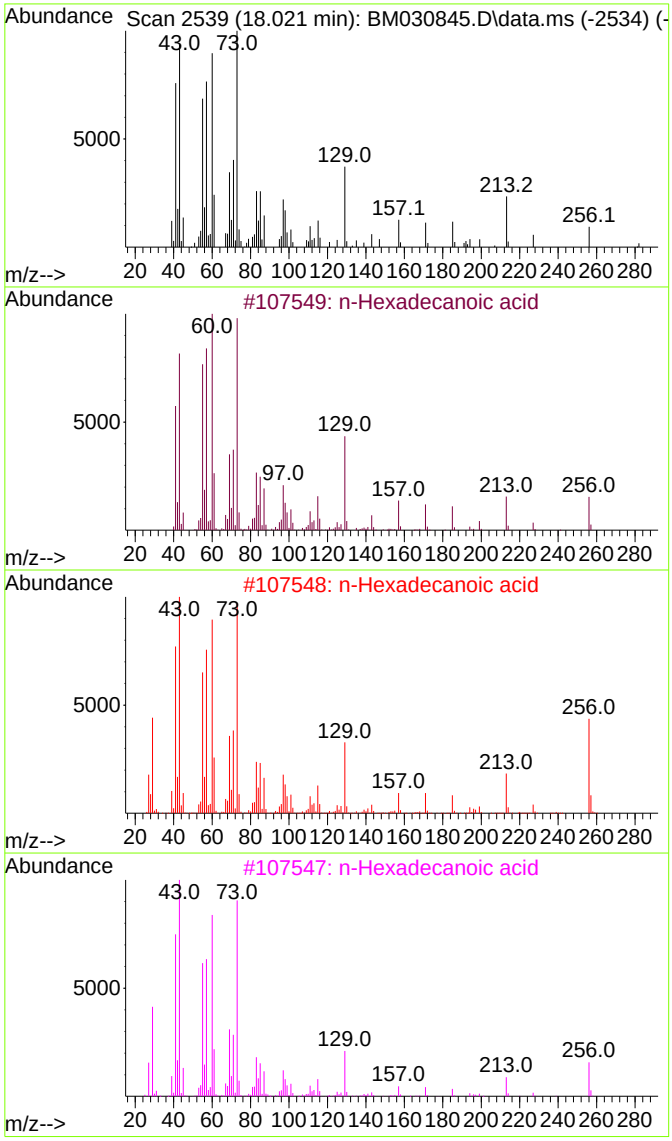
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

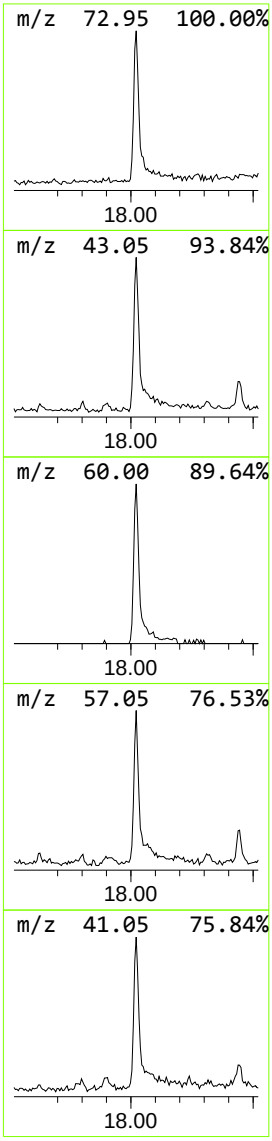
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	2.16 ng/ul	142129	Phenanthrene-d10	17.133

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	Tridecanoic acid	214	C13H26O2	000638-53-9	74





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Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
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TIC Library : C:\DATABASE\NIST11.L
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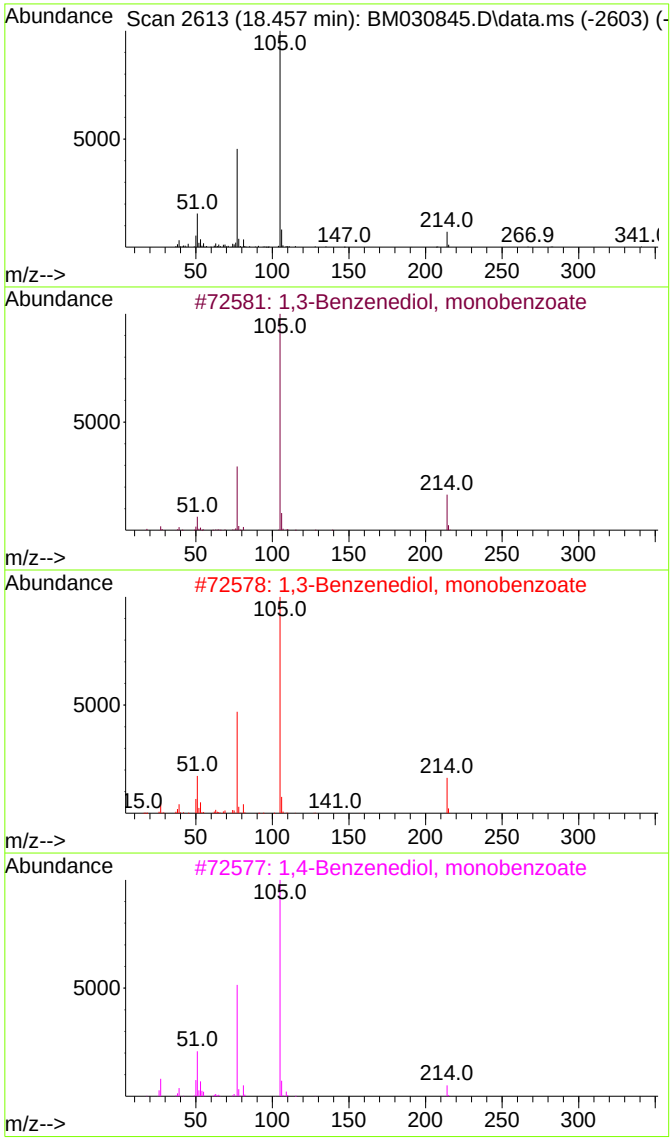
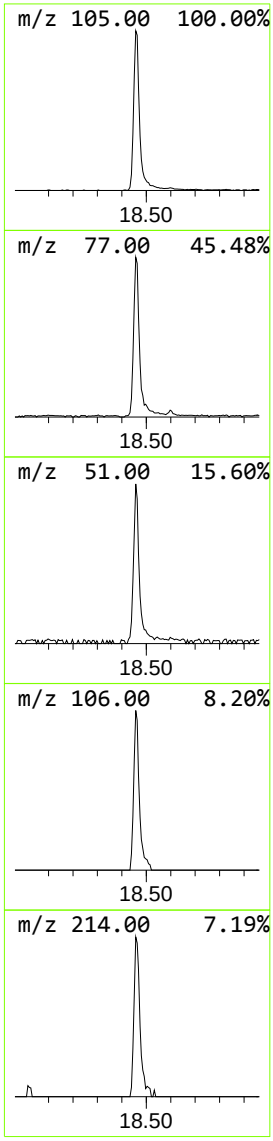
****
Peak Number 3 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	3.53 ng/ul	232194	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	90
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	87
4	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	72
5	Ethanone, 2-(acetyloxy)-1-phenyl-	178	C10H10O3	002243-35-8	59





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
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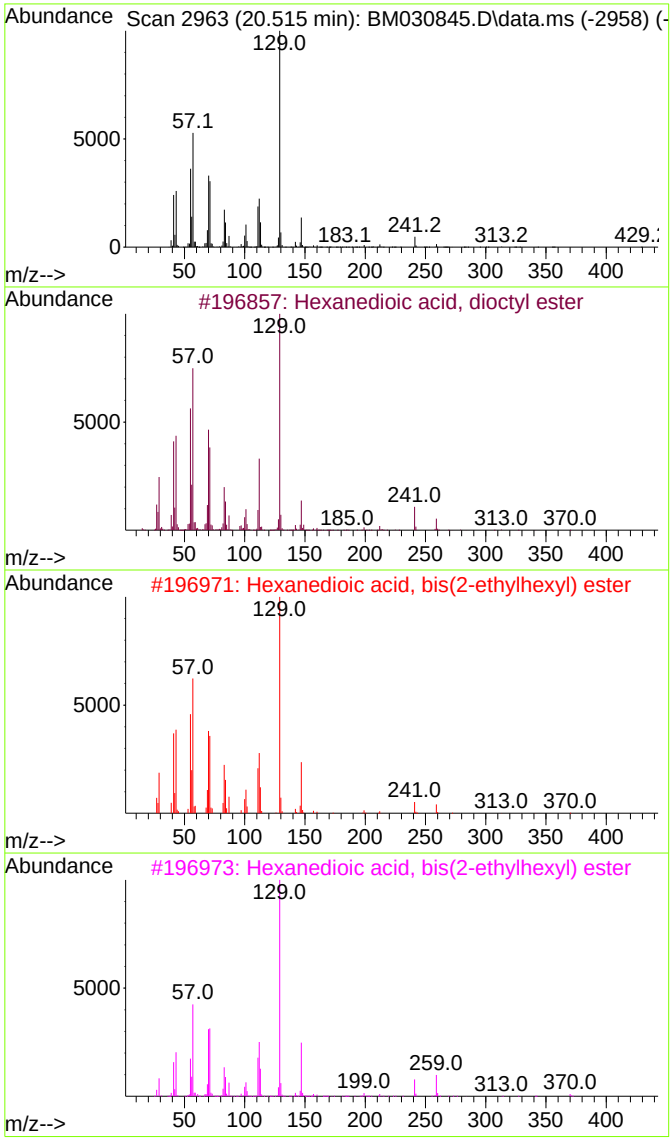
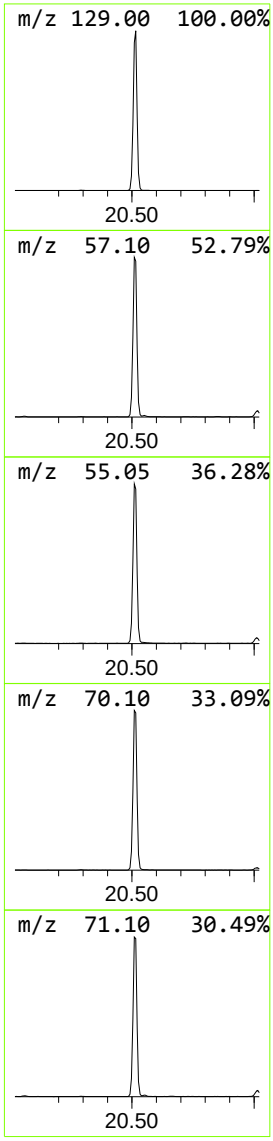
****
Peak Number 4 Hexanedioic acid, dioctyl e... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	69.44 ng/ul	4107700	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78
4	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	72
5	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	68





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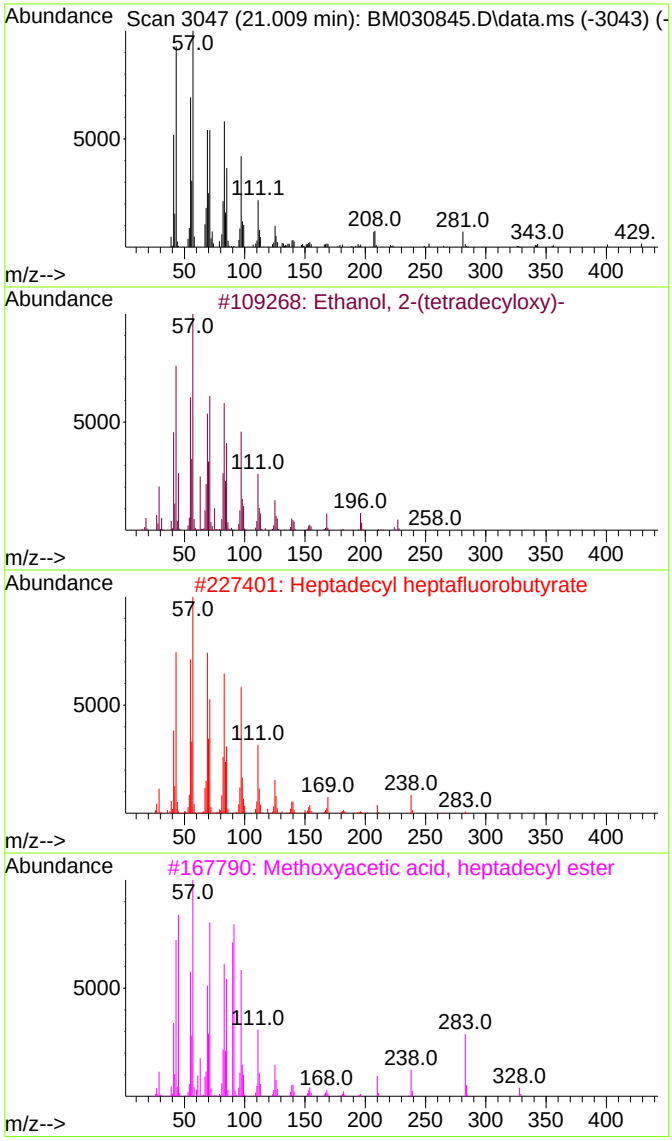
Quant Title : SVOA CALIBRATION

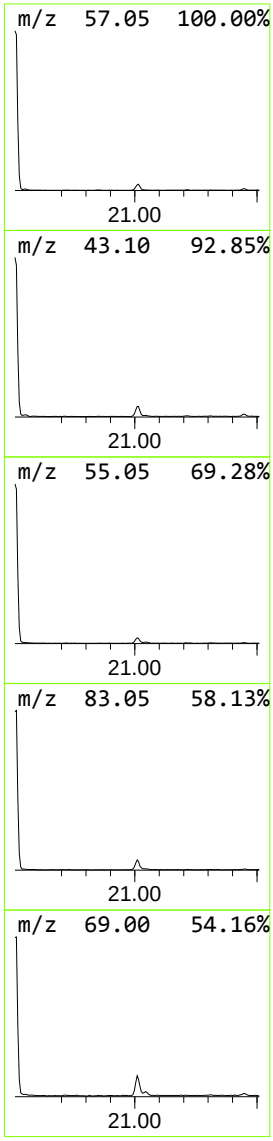
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Ethanol, 2-(tetradecyloxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.010	2.83 ng/ul	167282	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
3	Methoxyacetic acid, heptadecyl e...	328	C20H40O3	1000282-99-1	90
4	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	959218-78-1	81
5	Octacosyl trifluoroacetate	506	C30H57F3O2	1000351-74-9	81





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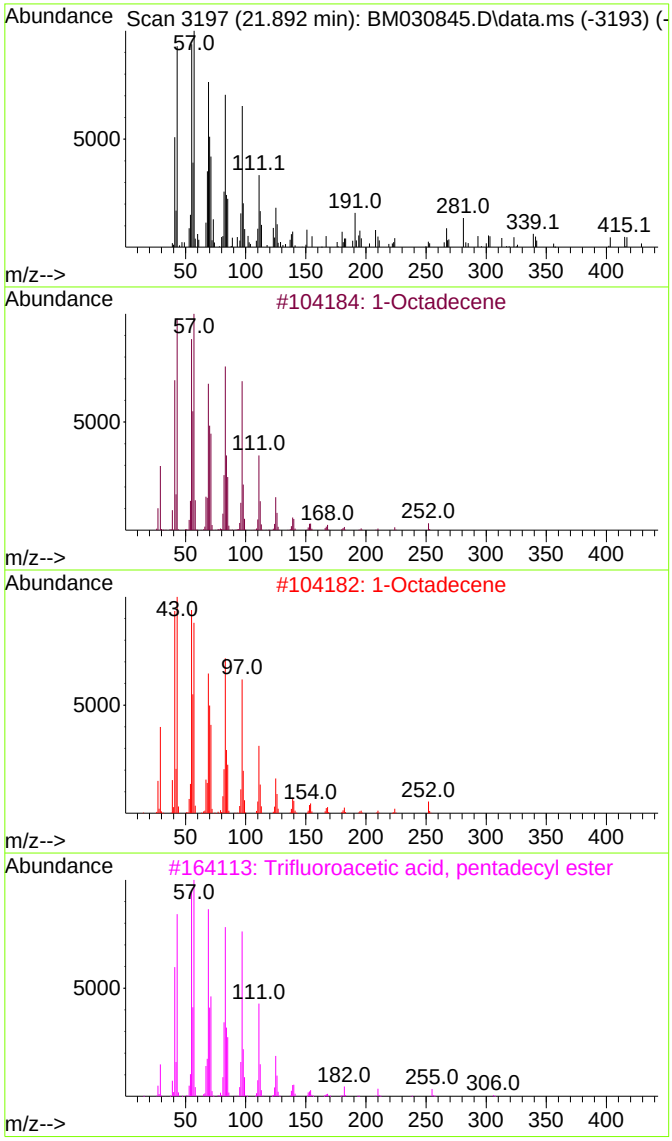
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

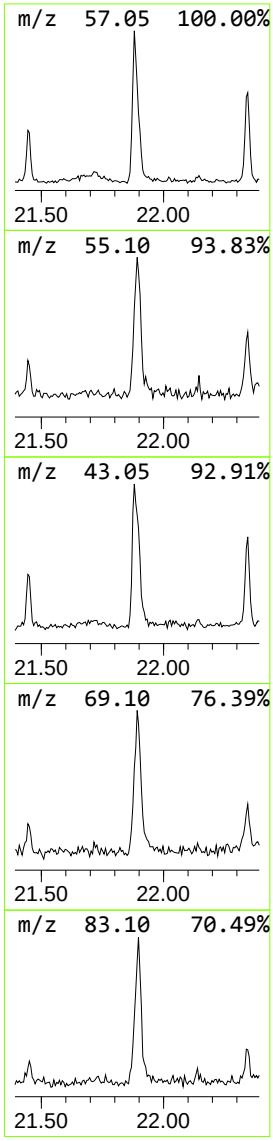
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.890	2.08 ng/ul	122771	Chrysene-d12	21.298

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	1-Octadecene	252	C18H36	000112-88-9	95
3	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	93
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	93





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Data File : BM030845.D
Acq On : 07 Jul 2021 07:17
Operator : CG/JU
Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

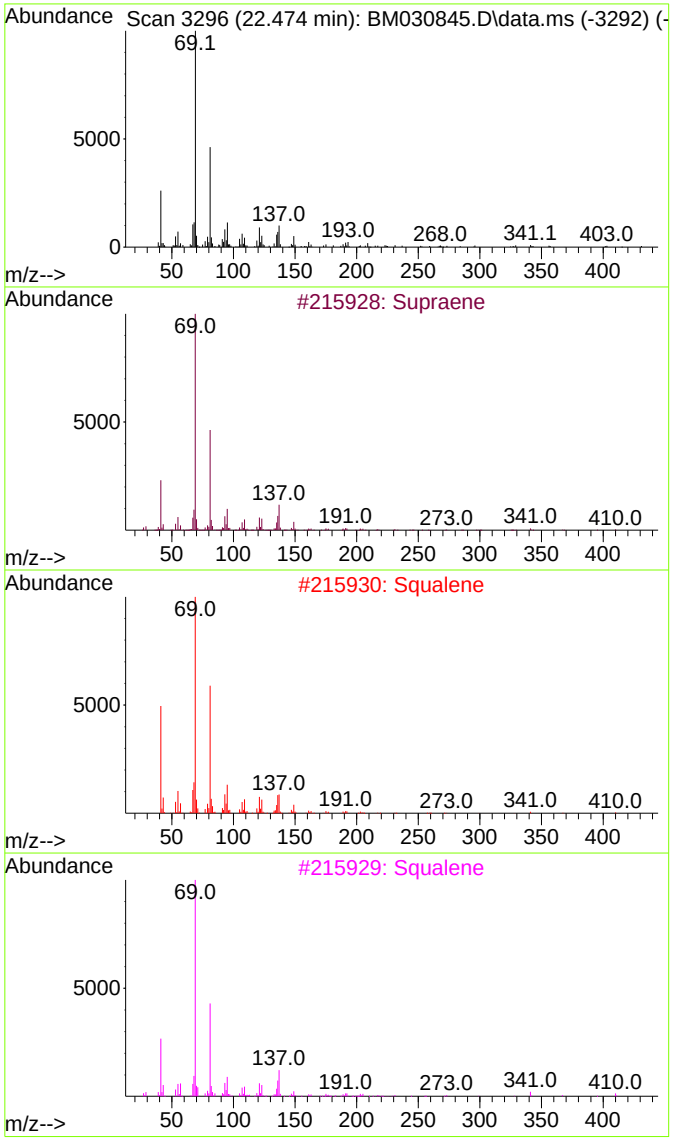
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

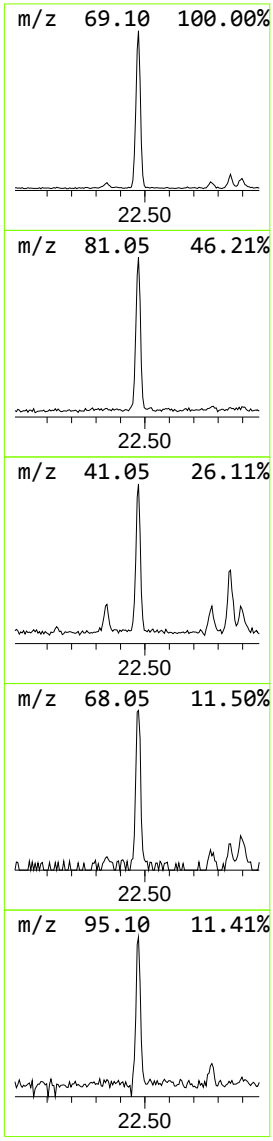
****

Peak Number 7 Supraene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.470	3.04 ng/ul	159042	Perylene-d12	23.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Supraene	410	C30H50	007683-64-9	91
2	Squalene	410	C30H50	000111-02-4	87
3	Squalene	410	C30H50	000111-02-4	86
4	(.+/-.)-Lavandulol, pentafluorop...	300	C13H17F5O2	1000352-63-1	72
5	4,8,12-Tetradecatrienal, 5,9,13-...	248	C17H28O	066408-55-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030845.D
Acq On : 07 Jul 2021 07:17
Operator : CG/JU
Sample : M2854-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Ethanol, 2-(2-b...	10.350	2.7	ng/ul	114134	2	10.545	848981	20.0
n-Hexadecanoic ...	18.020	2.2	ng/ul	142129	4	17.133	1314290	20.0
1,3-Benzenediol...	18.460	3.5	ng/ul	232194	4	17.133	1314290	20.0
Hexanedioic aci...	20.520	69.4	ng/ul	4107700	5	21.298	1183120	20.0
Ethanol, 2-(tet...	21.010	2.8	ng/ul	167282	5	21.298	1183120	20.0
(DEL) Alkane: S...	21.890	2.1	ng/ul	122771	5	21.298	1183120	20.0
Supraene	22.470	3.0	ng/ul	159042	6	23.544	1045310	20.0