LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030862.D
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT9

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: BM030862.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	11527	15636	0.79%	0.112%
2	3.640	91	94	97	rBV5	1695	2561	0.13%	0.018%
3	3.710	102	106	114	rBV	23345	57504	2.89%	0.411%
4	3.987	148	153	161	rVB3	6642	11703	0.59%	0.084%
5	4.199	187	189	194	rVB5	2749	4169	0.21%	0.030%
6	5.428	395	398	407	rVB6	2437	5245	0.26%	0.037%
7	5.793	456	460	463	rVB5	3063	3528	0.18%	0.025%
8	6.763	620	625	628	rBV3	3923	5692	0.29%	0.041%
9	6.934	647	654	662	rBV	174906	293136	14.73%	2.095%
10	7.098	676	682	695	rBV	142780	245314	12.32%	1.753%
11	7.298	709	716	728	rBV	185507	313703	15.76%	2.242%
12	7.387	728	731	738	rVB5	3905	5412	0.27%	0.039%
13	7.604	763	768	771	rBV5	1639	2460	0.12%	0.018%
14	7.763	784	795	803	rBV	311921	508314	25.54%	3.632%
15	7.828	803	806	812	rVV2	8033	13057	0.66%	0.093%
16	7.887	814	816	822	rVB3	2450	3081	0.15%	0.022%
17	7.987	828	833	840	rBV2	8485	15114	0.76%	0.108%
18	8.245	873	877	880	rVB4	2270	2721	0.14%	0.019%
19	8.292	880	885	889	rBV2	5049	8911	0.45%	0.064%
20	8.328	889	891	895	rVB4	2170	2617	0.13%	0.019%
21	8.463	900	914	930	rBV	201897	360950	18.13%	2.579%
22	8.634	939	943	947	rBV4	2676	3743	0.19%	0.027%
23	8.922	985	992	1003	rBV	163351	292371	14.69%	2.089%
24	9.639	1106	1114	1122	rBV	129039	223442	11.22%	1.597%
25	10.175	1197	1205	1217	rBV	164937	327029	16.43%	2.337%
26	10.404	1238	1244	1247	rBV5	2960	5216	0.26%	0.037%
27	10.545	1261	1268	1276	rBV	413195	696208	34.97%	4.975%
28	10.692	1286	1293	1316	rBV	158759	338591	17.01%	2.420%
29	12.151	1536	1541	1547	rVB4	2790	4989	0.25%	0.036%
30	13.004	1683	1686	1690	rBV5	2214	3079	0.15%	0.022%
31	13.216	1718	1722	1725	rBV4	2755	3881	0.19%	0.028%
32	13.804	1815	1822	1836	rBV	338001	515898	25.92%	3.687%
33	14.086	1861	1870	1883	rBV	384915	582820	29.28%	4.165%
34	14.292	1901	1905	1909	rVB3	2163	3455	0.17%	0.025%
35	14.392	1915	1922	1930	rBV	607542	879426	44.18%	6.284%
36	14.451	1930	1932	1937	rVB3	2757	4253	0.21%	0.030%

LSC Area Percent Report

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Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT9

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	14.615	1954	1960	1977	rBV3	36715	118344	5.95%	0.846%
38	14.833	1994	1997	2002	rVB6	2106	2124	0.11%	0.015%
39	14.986	2020	2023	2030	rVB5	3357	4299	0.22%	0.031%
40	15.245	2064	2067	2072	rVB3	2598	3866	0.19%	0.028%
41	15.386	2084	2091	2106	rBV	514763	767184	38.54%	5.482%
42	15.515	2108	2113	2126	rVV2	65467	122737	6.17%	0.877%
43	15.627	2128	2132	2140	rVV4	5963	10481	0.53%	0.075%
44	15.745	2144	2152	2155	rBV5	2133	4793	0.24%	0.034%
45	15.804	2159	2162	2168	rVB4	3498	4505	0.23%	0.032%
46	15.892	2173	2177	2183	rVB6	1673	3361	0.17%	0.024%
47	16.110	2209	2214	2216	rBV4	1671	2528	0.13%	0.018%
48	16.168	2221	2224	2228	rVB6	4189	5711	0.29%	0.041%
49	16.274	2237	2242	2246	rBV5	2303	4025	0.20%	0.029%
50	16.368	2253	2258	2262	rBV2	4593	6162	0.31%	0.044%
51	16.439	2266	2270	2271	rBV3	2370	2437	0.12%	0.017%
52	16.521	2280	2284	2287	rBV2	6719	8962	0.45%	0.064%
53	16.592	2292	2296	2301	rVB4	3152	4279	0.21%	0.031%
54	16.668	2306	2309	2312	rBV5	2570	3344	0.17%	0.024%
55	16.868	2337	2343	2345	rBV6	3376	5027	0.25%	0.036%
56	17.133	2381	2388	2393	rBV	626706	916048	46.02%	6.546%
57	17.174	2393	2395	2398	rVV	32113	39616	1.99%	0.283%
58	17.233	2398	2405	2416	rVB	448188	726239	36.48%	5.190%
59	17.804	2495	2502	2506	rVB3	4631	6787	0.34%	0.048%
60	17.845	2506	2509	2515	rBV4	2174	2930	0.15%	0.021%
61	17.898	2515	2518	2524	rBV4	7155	10655	0.54%	0.076%
62	18.021	2533	2539	2549	rBV3	52344	102146	5.13%	0.730%
63	18.139	2557	2559	2563	rVB5	5117	4801	0.24%	0.034%
64	18.198	2566	2569	2575	rBV2	8515	14323	0.72%	0.102%
65	18.462	2608	2614	2628	rBV	65863	123754	6.22%	0.884%
66	18.927	2690	2693	2696	rBV4	3752	5891	0.30%	0.042%
67	19.186	2728	2737	2742	rBV	76028	117323	5.89%	0.838%
68	19.303	2753	2757	2761	rBV4	18254	27641	1.39%	0.198%
69	19.521	2788	2794	2808	rBV	468456	714825	35.91%	5.108%
70	20.145	2898	2900	2905	rVB2	12330	12429	0.62%	0.089%
71	20.515	2958	2963	2968	rBV	1901090	1990637	100.00%	14.225%
72	21.009	3044	3047	3055	rBV4	34435	55094	2.77%	0.394%
73	21.303	3091	3097	3102	rBV	653405	898022	45.11%	6.417%
74	22.474	3294	3296	3303	rVB2	62630	89269	4.48%	0.638%
75	23.409	3450	3455	3465	rVB	202642	431185	21.66%	3.081%
76	23.550	3473	3479	3489	rVB	446024	854900	42.95%	6.109%

LSC Area Percent Report

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Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT9

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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Peak separation: 5

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

Sum of corrected areas: 13993913

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
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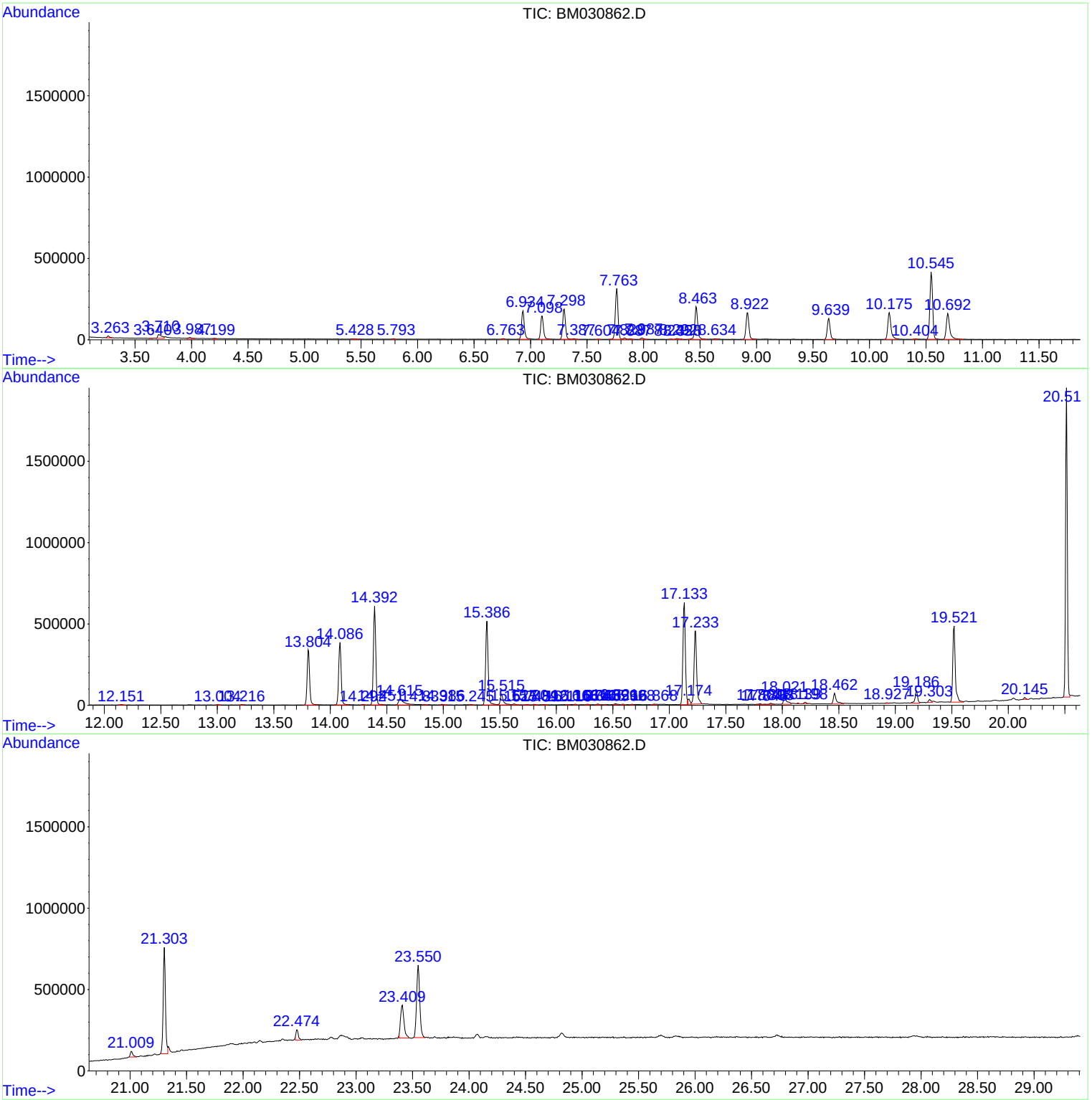
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDT9

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030862.D
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 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

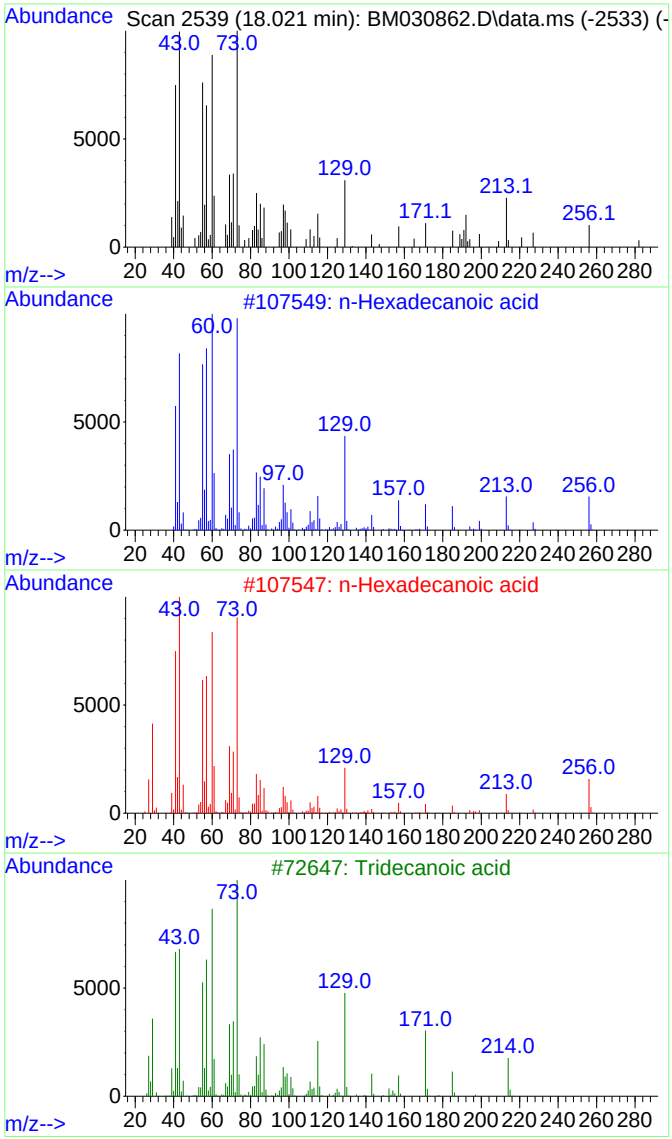
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

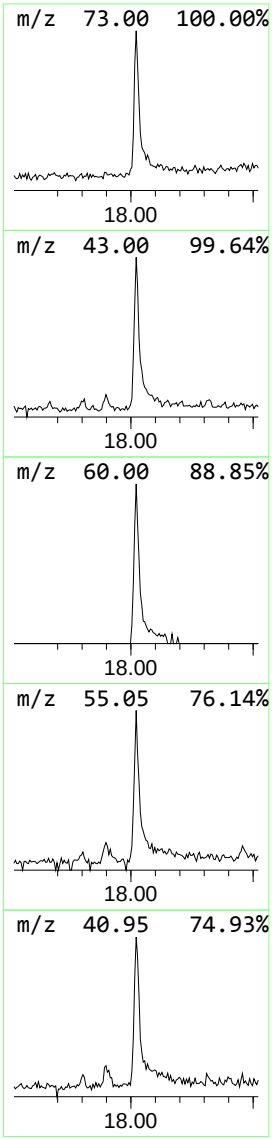
****

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	2.23 ng/ul	102146	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	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030862.D
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT9

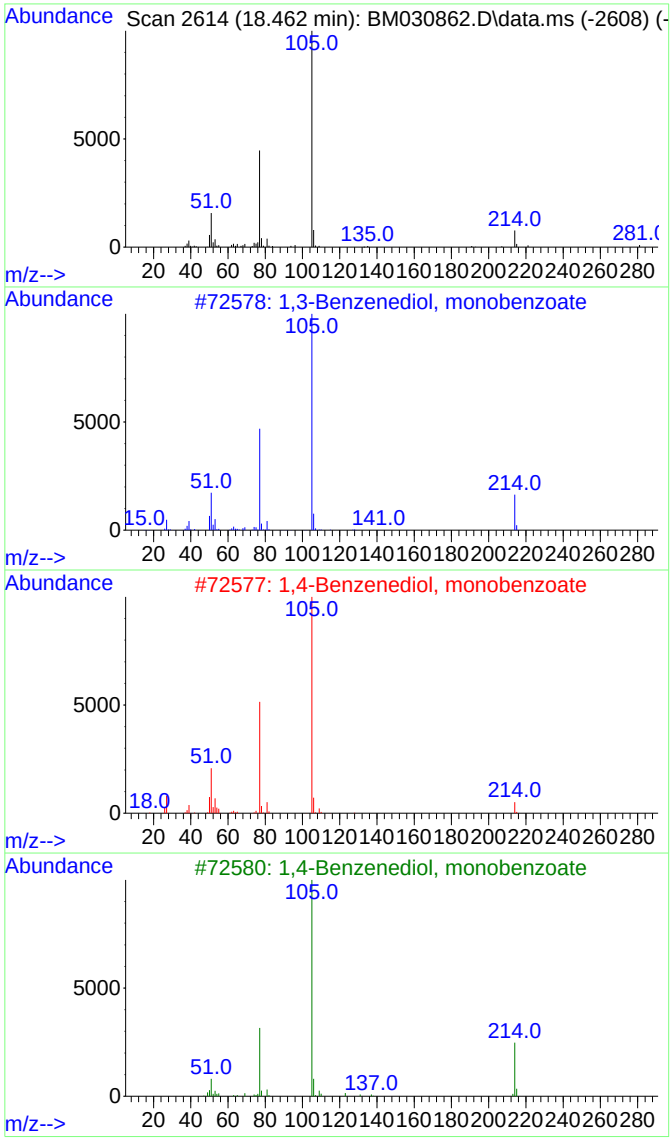
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

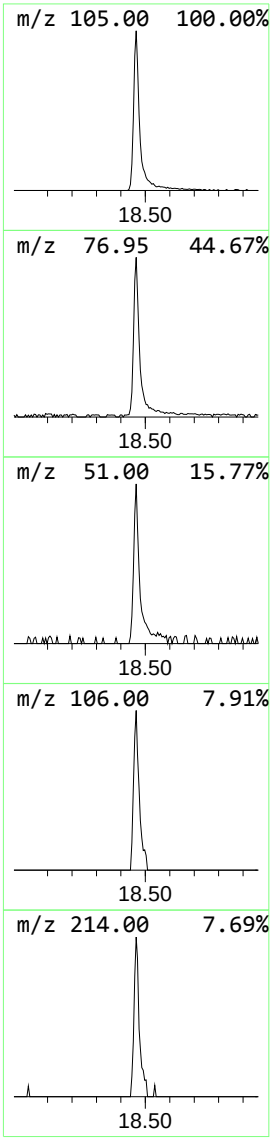
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,3-Benzenediol, monobenzoate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	2.70 ng/ul	123754	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	90
4	1-Benzoyloxy-2-formyloxybenzene	242	C14H10O4	079792-93-1	78
5	Glyoxylic acid, phenyl-, 2'-cyan...	251	C15H9NO3	166538-14-3	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030862.D
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT9

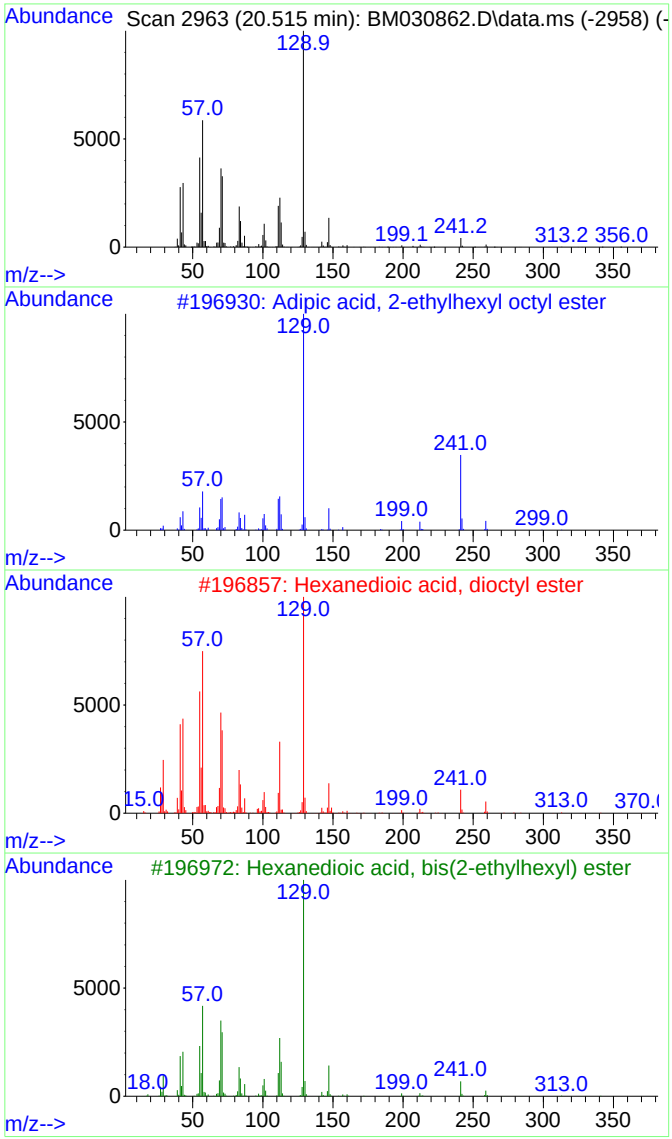
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

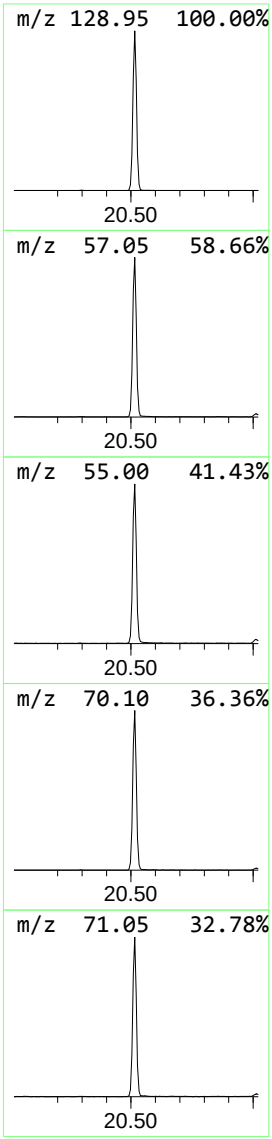
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Adipic acid, 2-ethylhexyl o... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	44.33 ng/ul	1990640	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Adipic acid, 2-ethylhexyl octyl ...	370	C22H42O4	1000324-48-6	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	78





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Misc :
ALS Vial : 39 Sample Multiplier: 1

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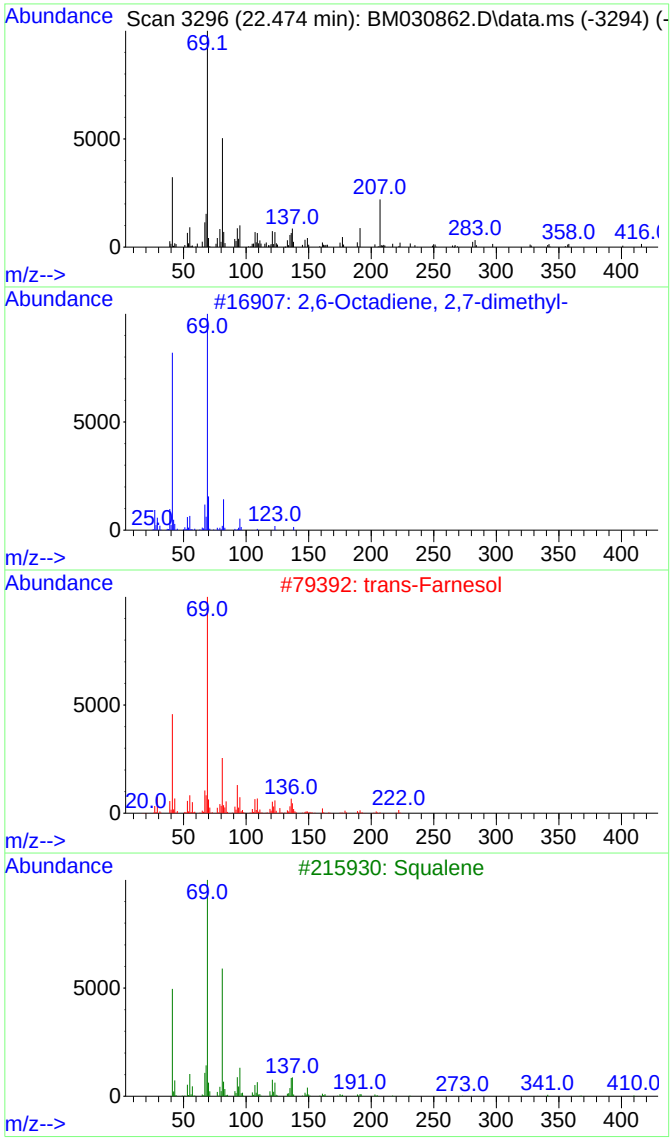
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

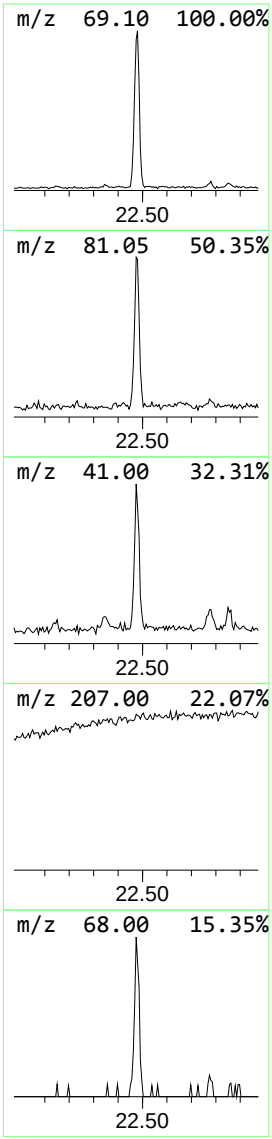
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 2,6-Octadiene, 2,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.474	2.09 ng/ul	89269	Perylene-d12	23.550

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Octadiene, 2,7-dimethyl-	138	C10H18	016736-42-8	53
2	trans-Farnesol	222	C15H26O	000106-28-5	53
3	Squalene	410	C30H50	000111-02-4	53
4	Farnesol isomer a	222	C15H26O	1000108-92-4	47
5	2,6-Dimethyl-2-trans-6-octadiene	138	C10H18	002609-23-6	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030862.D
Acq On : 07 Jul 2021 18:22
Operator : CG/JU
Sample : M2854-15
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDT9

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
n-Hexadecanoic ...	18.020	2.2	ng/ul	102146	4	17.133	916048	20.0
1,3-Benzenediol...	18.460	2.7	ng/ul	123754	4	17.133	916048	20.0
Adipic acid, 2-...	20.520	44.3	ng/ul	1990640	5	21.303	898022	20.0
2,6-Octadiene, ...	22.474	2.1	ng/ul	89269	6	23.550	854900	20.0