LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030736.D
Acq On : 01 Jul 2021 10:43
Operator : CG/JU
Sample : M2808-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR8

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030736.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	40	rVB2	10372	17360	0.52%	0.093%
2	3.710	103	106	115	rBV	28424	69751	2.10%	0.376%
3	3.775	115	117	127	rVB3	13611	23009	0.69%	0.124%
4	3.993	150	154	158	rVB	9906	12235	0.37%	0.066%
5	4.546	243	248	254	rVB	9519	14623	0.44%	0.079%
6	5.304	373	377	383	rVB	5352	8007	0.24%	0.043%
7	5.434	392	399	408	rBV2	13439	30673	0.92%	0.165%
8	5.798	456	461	466	rBV2	8230	11711	0.35%	0.063%
9	6.945	649	656	668	rBV	148938	260306	7.84%	1.401%
10	7.110	678	684	695	rBV	116417	190210	5.73%	1.024%
11	7.310	711	718	729	rBV	160963	263131	7.92%	1.417%
12	7.398	729	733	735	rBV3	3396	4109	0.12%	0.022%
13	7.440	735	740	744	rBV4	4149	8200	0.25%	0.044%
14	7.775	790	797	805	rBV	346247	550008	16.56%	2.961%
15	8.475	908	916	927	rBV	156167	269683	8.12%	1.452%
16	8.604	933	938	944	rVB	9442	15233	0.46%	0.082%
17	8.934	987	994	1007	rBV	136796	240752	7.25%	1.296%
18	9.651	1109	1116	1128	rBV	108597	186725	5.62%	1.005%
19	10.186	1200	1207	1217	rBV	165344	302475	9.10%	1.628%
20	10.398	1238	1243	1246	rBV5	4981	9365	0.28%	0.050%
21	10.557	1263	1270	1285	rVB	454747	792828	23.86%	4.268%
22	10.704	1288	1295	1309	rBV	146199	294569	8.87%	1.586%
23	13.016	1684	1688	1692	rVB5	3141	4039	0.12%	0.022%
24	13.233	1719	1725	1728	rBV3	3643	5413	0.16%	0.029%
25	13.304	1730	1737	1745	rBV	243660	387787	11.67%	2.088%
26	13.816	1815	1824	1829	rBV	363947	513303	15.45%	2.763%
27	13.863	1829	1832	1841	rVB	93372	130378	3.92%	0.702%
28	14.057	1861	1865	1866	rBV3	5943	6457	0.19%	0.035%
29	14.098	1866	1872	1883	rVB	384050	575633	17.33%	3.099%
30	14.304	1903	1907	1912	rVB3	4600	5520	0.17%	0.030%
31	14.404	1917	1924	1931	rVV	759132	1092196	32.88%	5.880%
32	14.469	1931	1935	1940	rVB3	6355	8766	0.26%	0.047%
33	14.621	1955	1961	1976	rBV	43768	117523	3.54%	0.633%
34	14.833	1993	1997	2003	rVB5	4472	7536	0.23%	0.041%
35	15.257	2067	2069	2073	rVB4	4035	4087	0.12%	0.022%
36	15.398	2087	2093	2100	rBV	528368	762831	22.96%	4.107%

LSC Area Percent Report

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Sample : M2808-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDR8

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-BM062221.M
Title : SVOA CALIBRATION

37	15.527	2109	2115	2131	rBV	320084	475202	14.30%	2.558%
38	15.633	2131	2133	2137	rVB4	4373	6392	0.19%	0.034%
39	15.815	2160	2164	2169	rVB	25137	32088	0.97%	0.173%
40	16.110	2212	2214	2221	rVB5	2601	4152	0.12%	0.022%
41	16.286	2241	2244	2248	rVB4	2861	4235	0.13%	0.023%
42	16.686	2309	2312	2317	rBV3	4175	6279	0.19%	0.034%
43	17.145	2383	2390	2395	rBV	887191	1284636	38.67%	6.916%
44	17.186	2395	2397	2401	rVV	48669	55286	1.66%	0.298%
45	17.245	2401	2407	2416	rVV	544624	835744	25.16%	4.499%
46	17.345	2420	2424	2426	rVV4	4074	6526	0.20%	0.035%
47	17.368	2426	2428	2434	rVB6	7156	9859	0.30%	0.053%
48	17.451	2436	2442	2449	rBV	54154	81581	2.46%	0.439%
49	17.645	2467	2475	2478	rBV9	6104	11356	0.34%	0.061%
50	17.809	2500	2503	2509	rBV6	5722	11499	0.35%	0.062%
51	17.915	2518	2521	2525	rBV6	3245	5974	0.18%	0.032%
52	18.033	2536	2541	2545	rBV2	53523	78120	2.35%	0.421%
53	18.151	2557	2561	2563	rBV4	3639	4860	0.15%	0.026%
54	18.215	2568	2572	2575	rBV2	7267	10681	0.32%	0.058%
55	18.327	2588	2591	2596	rVB4	7933	9551	0.29%	0.051%
56	18.468	2610	2615	2622	rBV	114955	168801	5.08%	0.909%
57	18.892	2683	2687	2692	rBV	14570	22181	0.67%	0.119%
58	18.962	2696	2699	2701	rBV4	8823	8468	0.25%	0.046%
59	19.198	2730	2739	2747	rBV2	122652	275530	8.29%	1.483%
60	19.309	2756	2758	2763	rBV5	8494	10469	0.32%	0.056%
61	19.527	2787	2795	2807	rBV3	689775	1079733	32.50%	5.813%
62	19.662	2816	2818	2822	rVB4	9816	11671	0.35%	0.063%
63	20.039	2878	2882	2893	rBV4	36004	78411	2.36%	0.422%
64	20.403	2940	2944	2947	rBV	56284	63366	1.91%	0.341%
65	20.521	2960	2964	2969	rBV	2948373	3322158	100.00%	17.886%
66	21.021	3045	3049	3059	rBV3	102575	140421	4.23%	0.756%
67	21.227	3081	3084	3088	rVB	37464	46587	1.40%	0.251%
68	21.309	3093	3098	3103	rBV	948516	1268744	38.19%	6.831%
69	23.421	3451	3457	3471	rVB	366958	814644	24.52%	4.386%
70	23.562	3475	3481	3494	rVB2	565548	1132785	34.10%	6.099%

Sum of corrected areas: 18574422

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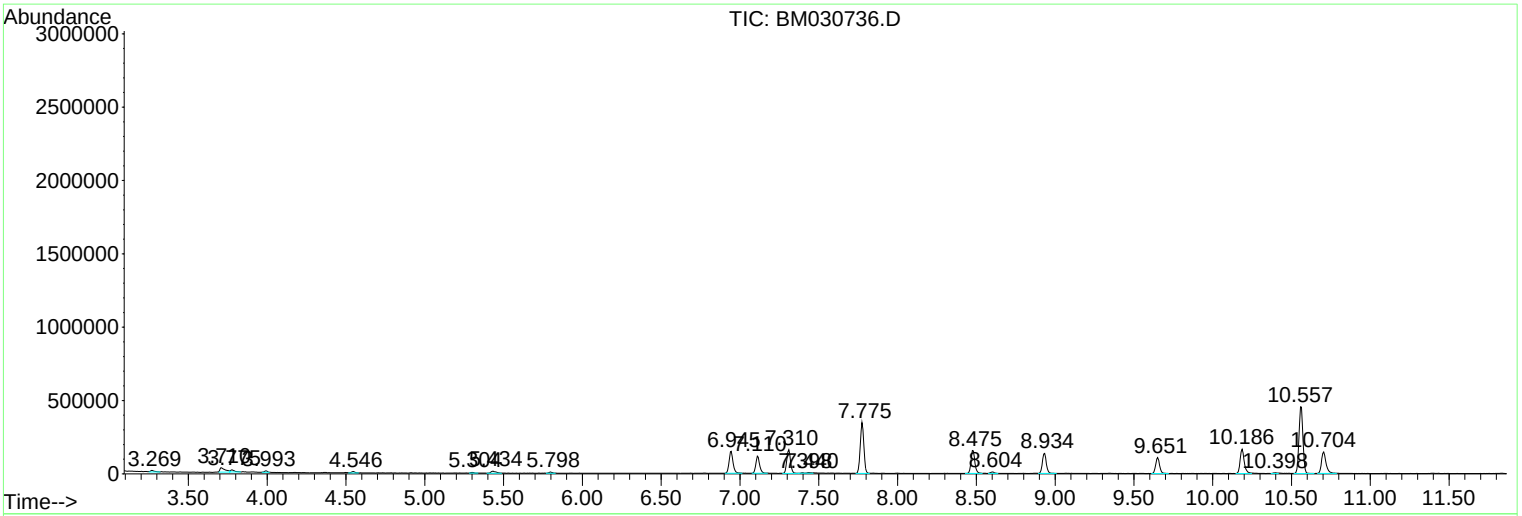
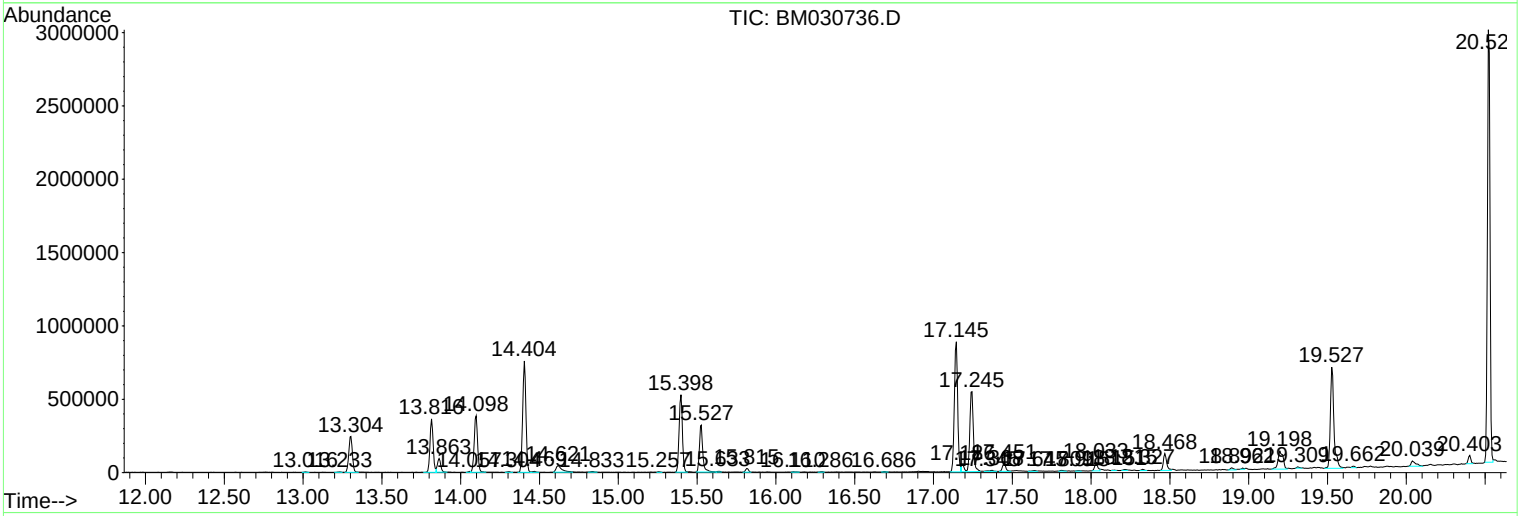
Misc :
ALS Vial : 39 Sample Multiplier: 1

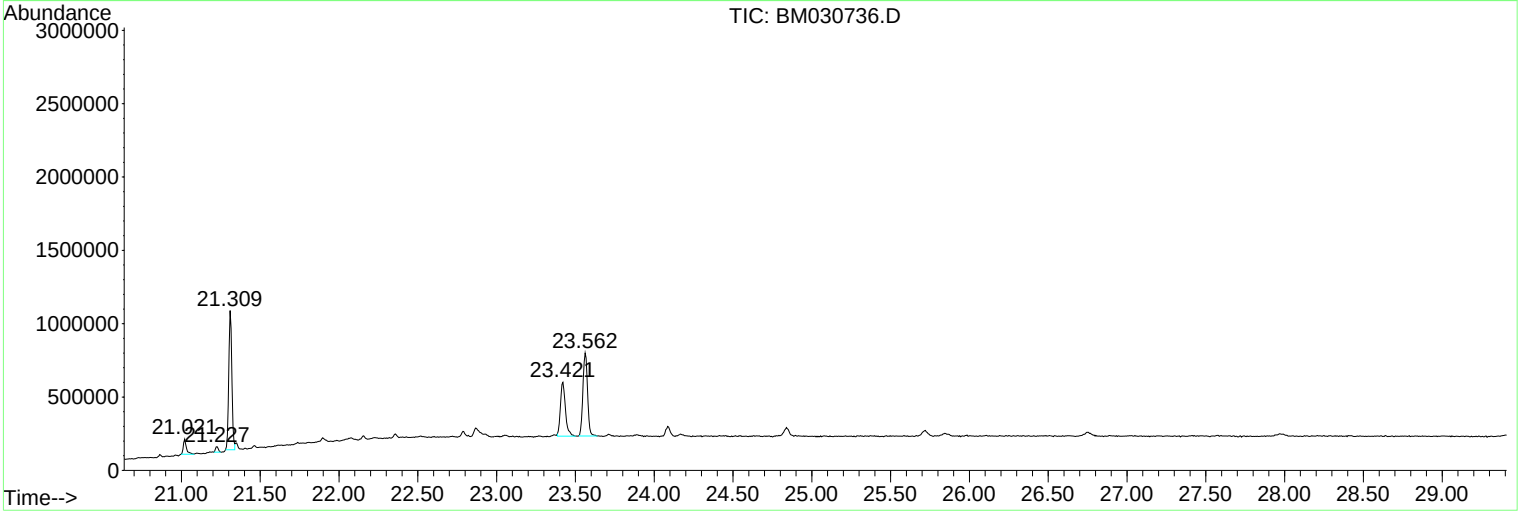
Instrument :
BNA_M
ClientSampleId :
BGDR8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







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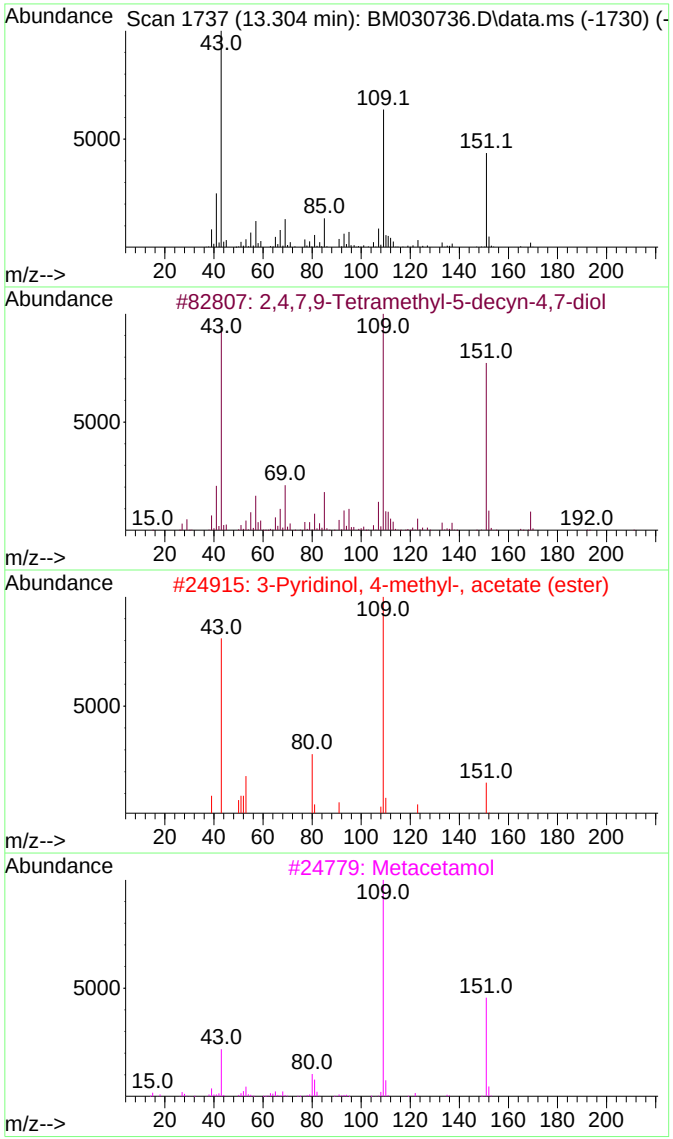
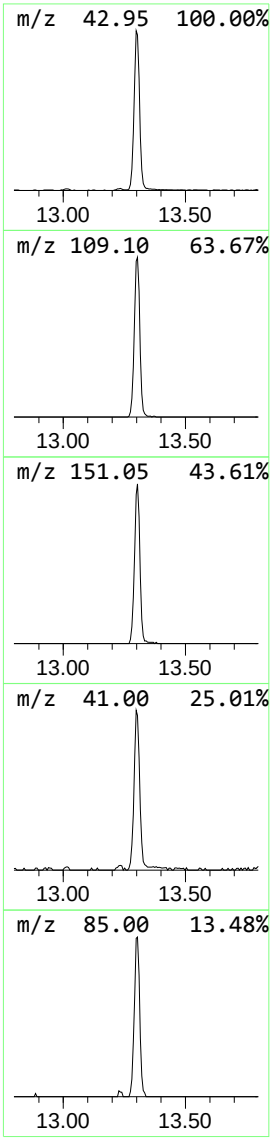
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.300	7.10 ng/ul	387787	Acenaphthene-d10	14.404

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	3-Pyridinol, 4-methyl-, acetate ...	151	C8H9NO2	001006-96-8	53
3	Metacetamol	151	C8H9NO2	000621-42-1	53
4	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	53
5	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	42





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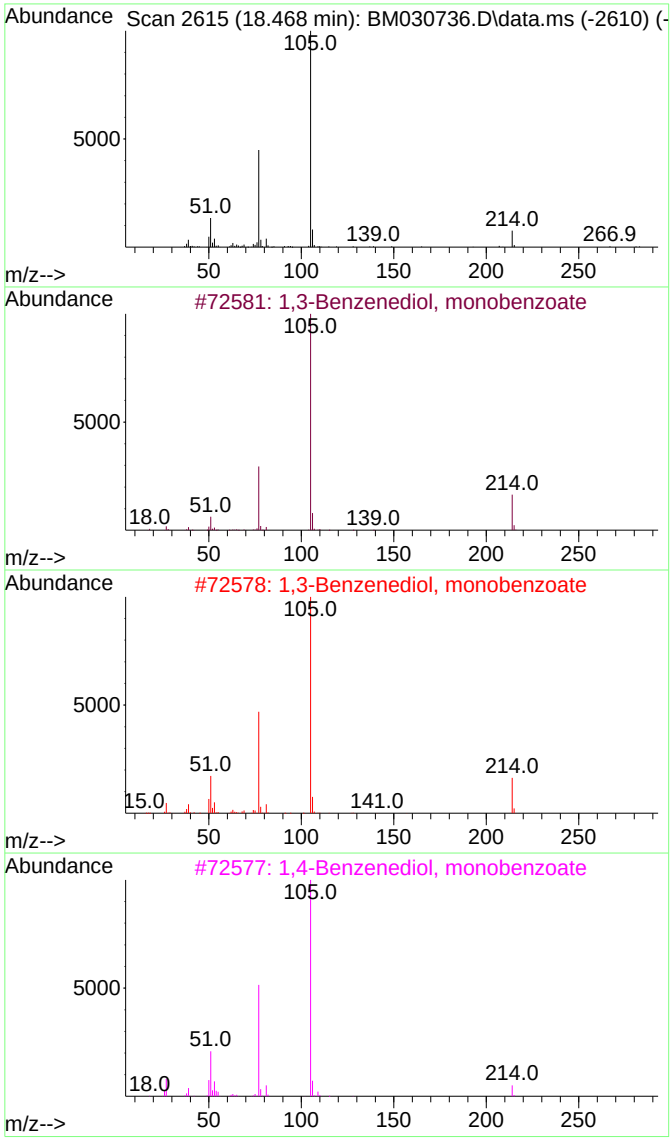
Quant Title : SVOA CALIBRATION

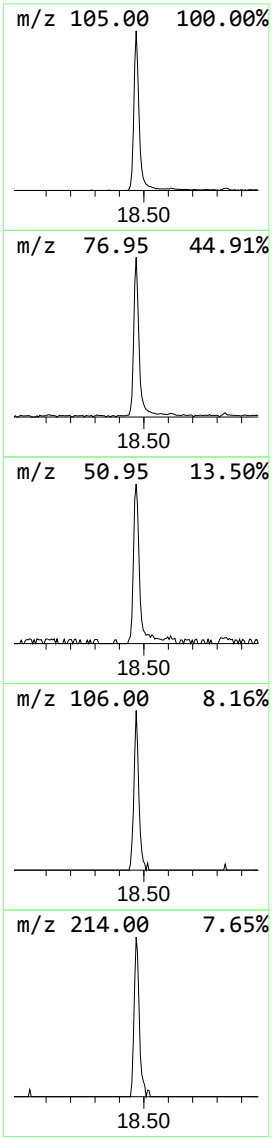
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.470	2.63 ng/ul	168801	Phenanthrene-d10	17.145

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	91
3	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	86
4	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	86
5	1,4-Benzenediol, monobenzoate	214	C13H10O3	002444-19-1	83





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Sample : M2808-10
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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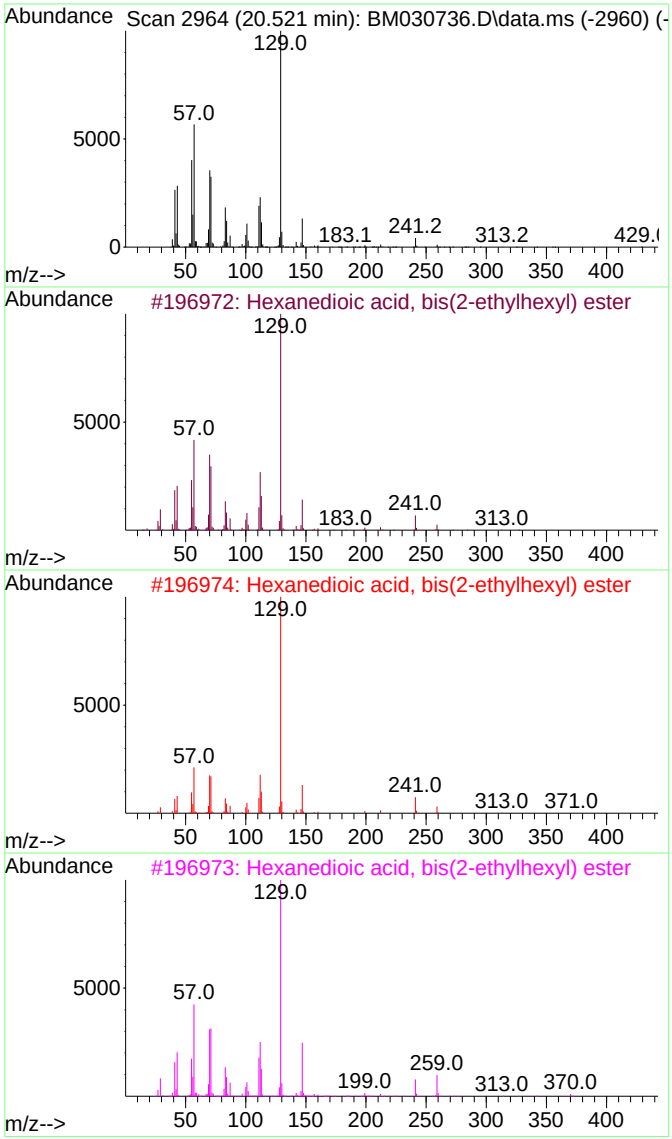
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

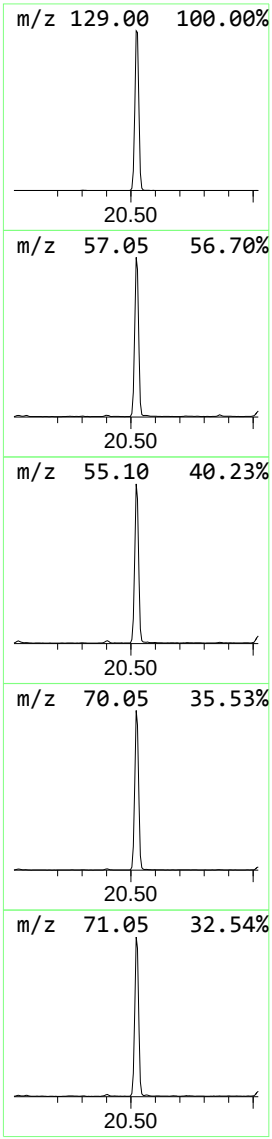
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	52.37 ng/ul	3322160	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
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, bis(2-ethylhex...	370	C22H42O4	000103-23-1	68





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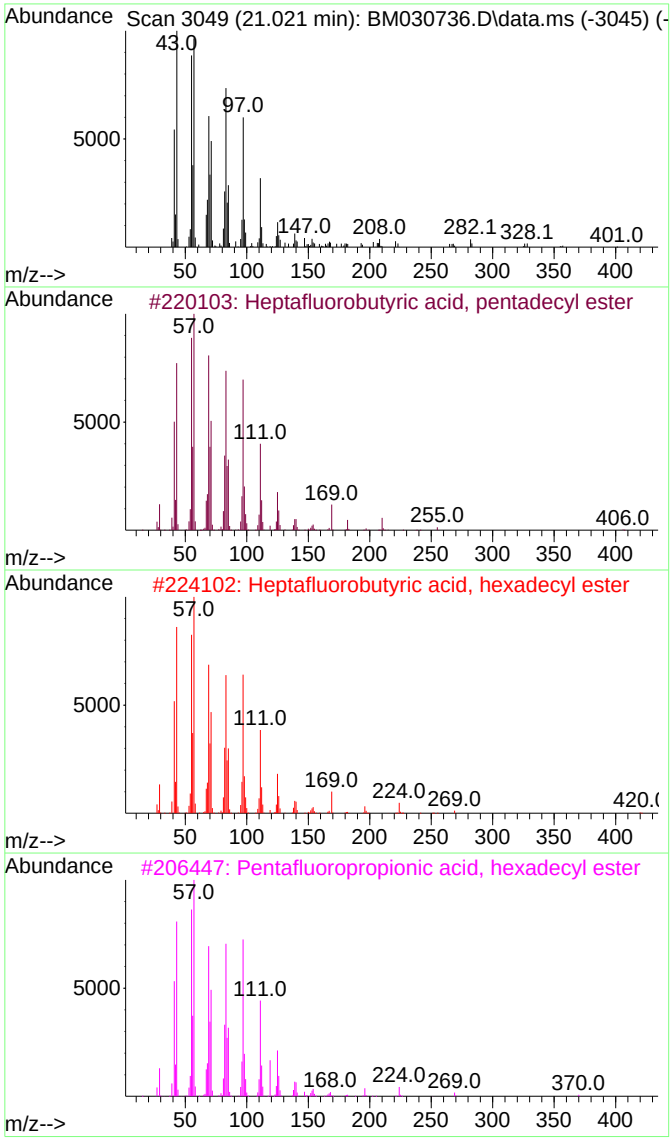
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

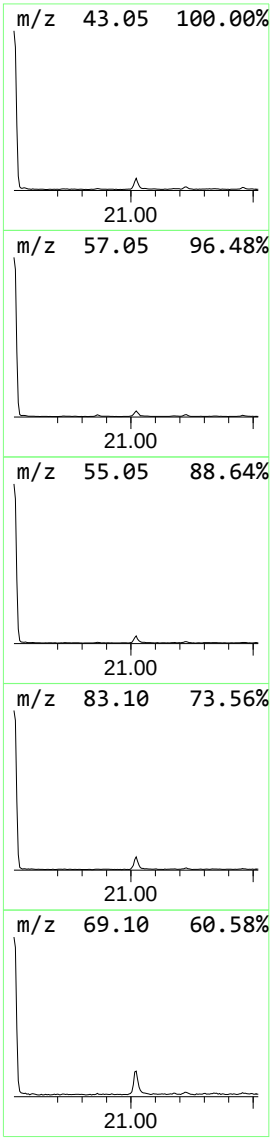
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Heptafluorobutyric acid, pe... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.020	2.21 ng/ul	140421	Chrysene-d12	21.309

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	94
2	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	91
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91
4	Cyclotetracosane	336	C24H48	000297-03-0	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
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Instrument : BNA_M
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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
2,4,7,9-Tetrame...	13.300	7.1	ng/ul	387787	3	14.404	1092200	20.0
1,3-Benzenediol...	18.470	2.6	ng/ul	168801	4	17.145	1284640	20.0
Hexanedioic aci...	20.520	52.4	ng/ul	3322160	5	21.309	1268740	20.0
Heptafluorobuty...	21.020	2.2	ng/ul	140421	5	21.309	1268740	20.0