LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030527.D
Acq On : 22 Jun 2021 22:21
Operator : CG/JU
Sample : M2662-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD96

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: BM030527.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.287	30	34	38	rBV	19339	25562	1.00%	0.080%
2	3.746	107	112	115	rBV	21247	46639	1.83%	0.146%
3	3.799	118	121	125	rVB2	16995	24845	0.97%	0.078%
4	3.922	137	142	147	rBV2	18513	29886	1.17%	0.093%
5	4.016	153	158	164	rVB	71721	108319	4.25%	0.339%
6	4.116	173	175	179	rVB4	5945	7065	0.28%	0.022%
7	4.387	217	221	225	rBV2	24722	33413	1.31%	0.104%
8	4.516	239	243	247	rBV	19780	28649	1.12%	0.090%
9	4.569	247	252	261	rVB	81904	119617	4.69%	0.374%
10	4.934	309	314	326	rVB	13179	27627	1.08%	0.086%
11	5.140	342	349	355	rVB2	15131	28670	1.13%	0.090%
12	5.328	376	381	387	rVB	46752	69198	2.72%	0.216%
13	5.457	398	403	414	rVB	134081	283203	11.11%	0.886%
14	5.828	460	466	473	rBV	66447	103504	4.06%	0.324%
15	6.204	526	530	535	rVB4	7846	12144	0.48%	0.038%
16	6.557	587	590	597	rVB7	3515	4910	0.19%	0.015%
17	6.675	607	610	614	rVB6	4027	5718	0.22%	0.018%
18	6.804	627	632	637	rVB3	5646	8954	0.35%	0.028%
19	6.975	652	661	677	rBV	349328	612295	24.03%	1.915%
20	7.140	683	689	701	rBV	276611	457052	17.93%	1.429%
21	7.234	702	705	712	rVB5	6435	9952	0.39%	0.031%
22	7.340	717	723	734	rVV	356434	595550	23.37%	1.862%
23	7.434	734	739	744	rVB7	5555	9345	0.37%	0.029%
24	7.810	795	803	811	rVV	661610	1071638	42.05%	3.351%
25	7.875	811	814	819	rVB2	8562	13793	0.54%	0.043%
26	7.934	821	824	830	rVB8	3847	4889	0.19%	0.015%
27	8.040	837	842	852	rVV3	9312	19779	0.78%	0.062%
28	8.345	890	894	899	rBV5	6652	11492	0.45%	0.036%
29	8.510	913	922	937	rBV	407807	690422	27.09%	2.159%
30	8.634	937	943	949	rVV	25263	45181	1.77%	0.141%
31	8.681	949	951	955	rVV4	4108	5728	0.22%	0.018%
32	8.910	984	990	993	rBV	17901	30050	1.18%	0.094%
33	8.963	993	999	1007	rVB	323873	540064	21.19%	1.689%
34	9.110	1017	1024	1025	rBV4	5959	9841	0.39%	0.031%
35	9.386	1064	1071	1075	rBV2	8283	13755	0.54%	0.043%
36	9.681	1113	1121	1133	rBV	248269	437656	17.17%	1.369%

LSC Area Percent Report

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Sample : M2662-22
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGD96

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	10.222	1206	1213	1233	rVB	389302	699460	27.45%	2.187%
38	10.428	1242	1248	1256	rBV5	7798	23196	0.91%	0.073%
39	10.598	1269	1277	1292	rVB	935885	1568508	61.55%	4.905%
40	10.733	1292	1300	1315	rBV	245280	485782	19.06%	1.519%
41	11.122	1364	1366	1373	rVB6	4194	7356	0.29%	0.023%
42	11.863	1487	1492	1499	rVB7	5821	12075	0.47%	0.038%
43	12.016	1516	1518	1523	rVB5	3710	5434	0.21%	0.017%
44	12.192	1543	1548	1554	rVV2	7532	13117	0.51%	0.041%
45	12.392	1576	1582	1583	rBV4	3294	5460	0.21%	0.017%
46	12.974	1675	1681	1687	rBV6	4185	7448	0.29%	0.023%
47	13.263	1723	1730	1739	rBV	21897	33842	1.33%	0.106%
48	13.769	1812	1816	1820	rBV7	7103	9784	0.38%	0.031%
49	13.845	1823	1829	1840	rBV	746944	1101018	43.20%	3.443%
50	13.921	1840	1842	1847	rVB4	7022	8702	0.34%	0.027%
51	14.133	1867	1878	1888	rBV	859461	1327017	52.07%	4.150%
52	14.339	1907	1913	1917	rVB	32004	41722	1.64%	0.130%
53	14.439	1922	1930	1938	rBV	1481080	2166823	85.03%	6.776%
54	14.498	1938	1940	1945	rVB4	6742	8848	0.35%	0.028%
55	14.551	1945	1949	1954	rVB2	7323	9127	0.36%	0.029%
56	14.645	1958	1965	1982	rBV	133163	297350	11.67%	0.930%
57	14.810	1985	1993	1995	rBV7	8781	18812	0.74%	0.059%
58	14.863	1995	2002	2007	rVB4	74645	117753	4.62%	0.368%
59	14.963	2015	2019	2024	rVB5	5212	9320	0.37%	0.029%
60	15.027	2024	2030	2032	rBV6	4033	5629	0.22%	0.018%
61	15.239	2061	2066	2067	rVV5	4716	6552	0.26%	0.020%
62	15.292	2071	2075	2080	rVB	20402	29180	1.15%	0.091%
63	15.427	2092	2098	2105	rBV	1173183	1730681	67.91%	5.412%
64	15.486	2105	2108	2112	rVB3	9386	13182	0.52%	0.041%
65	15.551	2113	2119	2124	rBV2	215743	374092	14.68%	1.170%
66	15.674	2135	2140	2148	rVB4	16080	34041	1.34%	0.106%
67	15.780	2155	2158	2164	rVB5	4906	8100	0.32%	0.025%
68	15.851	2164	2170	2175	rBV	292733	365679	14.35%	1.144%
69	16.110	2211	2214	2217	rBV5	5142	5541	0.22%	0.017%
70	16.151	2217	2221	2228	rVB5	16058	29668	1.16%	0.093%
71	16.210	2228	2231	2233	rBV4	4526	5507	0.22%	0.017%
72	16.327	2248	2251	2254	rVB5	4799	7016	0.28%	0.022%
73	16.492	2272	2279	2282	rBV9	9462	17635	0.69%	0.055%
74	16.539	2283	2287	2290	rVB6	5788	9972	0.39%	0.031%
75	16.721	2314	2318	2321	rBV6	6823	8754	0.34%	0.027%
76	16.751	2321	2323	2326	rVV3	4404	4962	0.19%	0.016%

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Instrument : BNA_M
ClientSampleId : BGD96

Integration Parameters: LSCINT.P
Integrator: RTE
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77	16.939	2348	2355	2358	rBV2	35013	62976	2.47%	0.197%
78	16.992	2361	2364	2369	rVB4	17998	27768	1.09%	0.087%
79	17.180	2389	2396	2400	rBV	1724600	2538399	99.61%	7.938%
80	17.221	2400	2403	2407	rVV	97884	142066	5.57%	0.444%
81	17.274	2407	2412	2424	rVV2	1320134	1908898	74.91%	5.969%
82	17.368	2424	2428	2432	rVV6	30920	46945	1.84%	0.147%
83	17.674	2476	2480	2483	rBV	47499	58456	2.29%	0.183%
84	17.845	2506	2509	2515	rVB3	27629	42760	1.68%	0.134%
85	18.068	2541	2547	2550	rBV2	50207	98939	3.88%	0.309%
86	18.180	2563	2566	2571	rBV5	16751	24724	0.97%	0.077%
87	18.239	2573	2576	2581	rVV2	26956	47750	1.87%	0.149%
88	18.362	2594	2597	2602	rBV	55369	67568	2.65%	0.211%
89	18.498	2617	2620	2625	rVB	61802	84226	3.31%	0.263%
90	18.968	2697	2700	2702	rBV	33953	41426	1.63%	0.130%
91	18.998	2702	2705	2707	rVV	46250	49110	1.93%	0.154%
92	19.227	2740	2744	2751	rVB	176200	250770	9.84%	0.784%
93	19.562	2796	2801	2814	rVB	1277648	1952354	76.61%	6.105%
94	20.556	2965	2970	2974	rBV	1824637	2076548	81.48%	6.494%
95	21.056	3052	3055	3058	rBV2	88998	105489	4.14%	0.330%
96	21.256	3086	3089	3095	rVB	354455	379590	14.90%	1.187%
97	21.345	3098	3104	3108	rBV	1911318	2548425	100.00%	7.969%
98	22.192	3245	3248	3253	rVB	207979	256498	10.06%	0.802%
99	23.468	3460	3465	3479	rVB	421550	917514	36.00%	2.869%
100	23.615	3484	3490	3498	rVB2	1085668	2068795	81.18%	6.469%

Sum of corrected areas: 31978544

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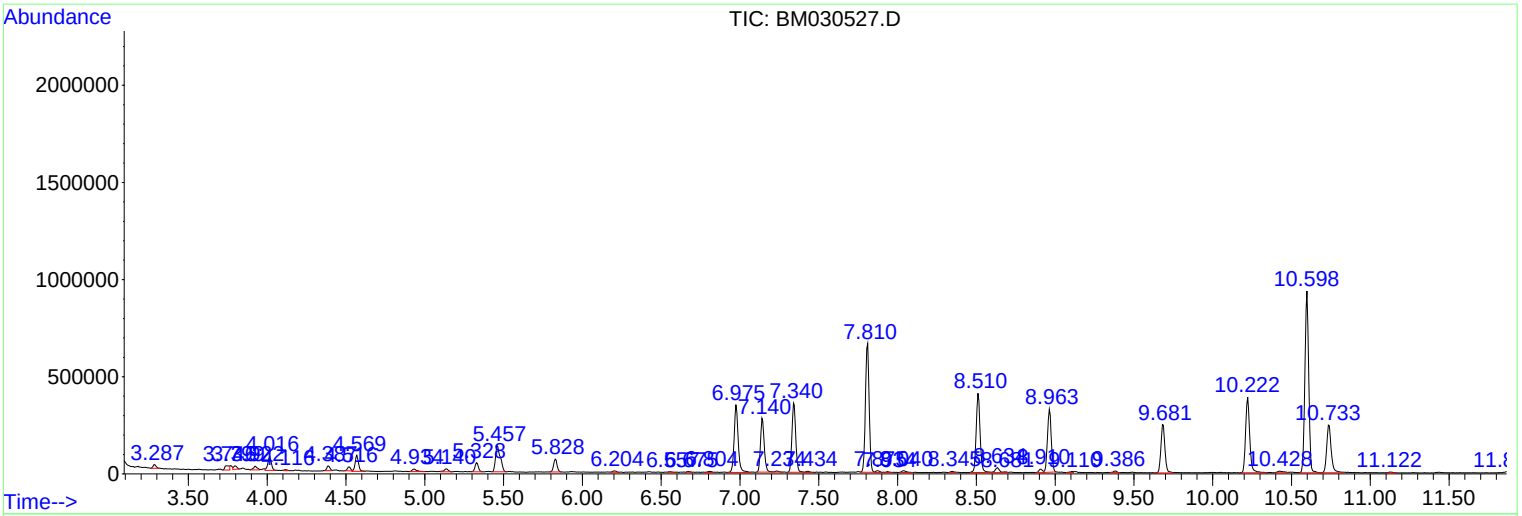
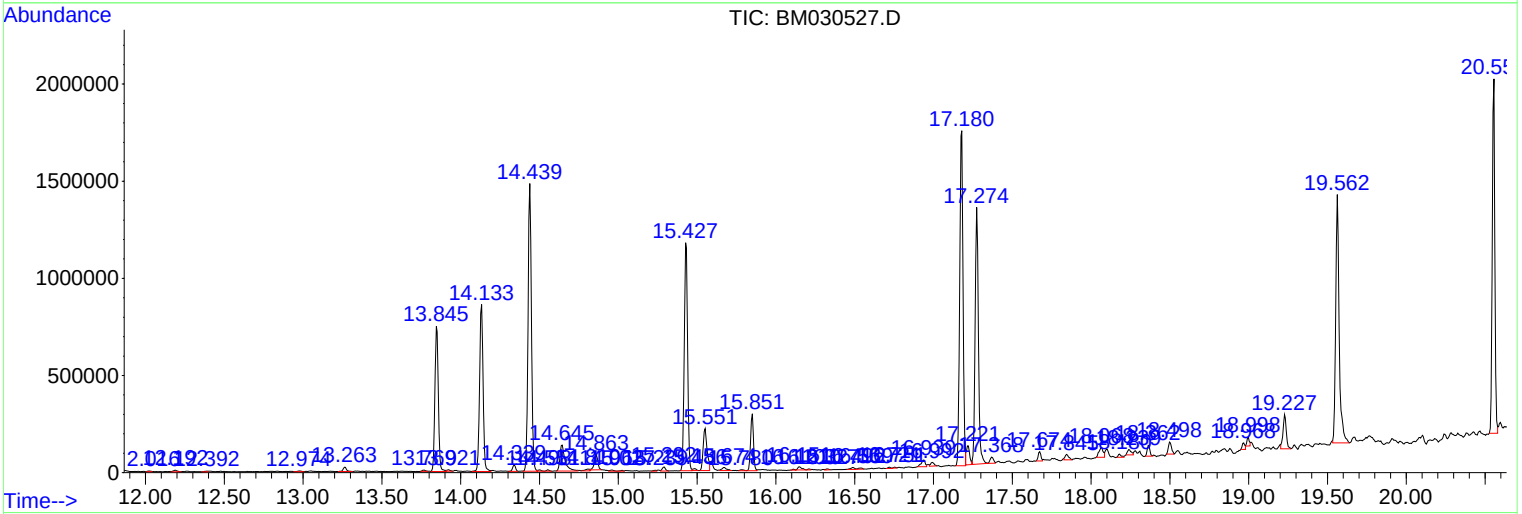
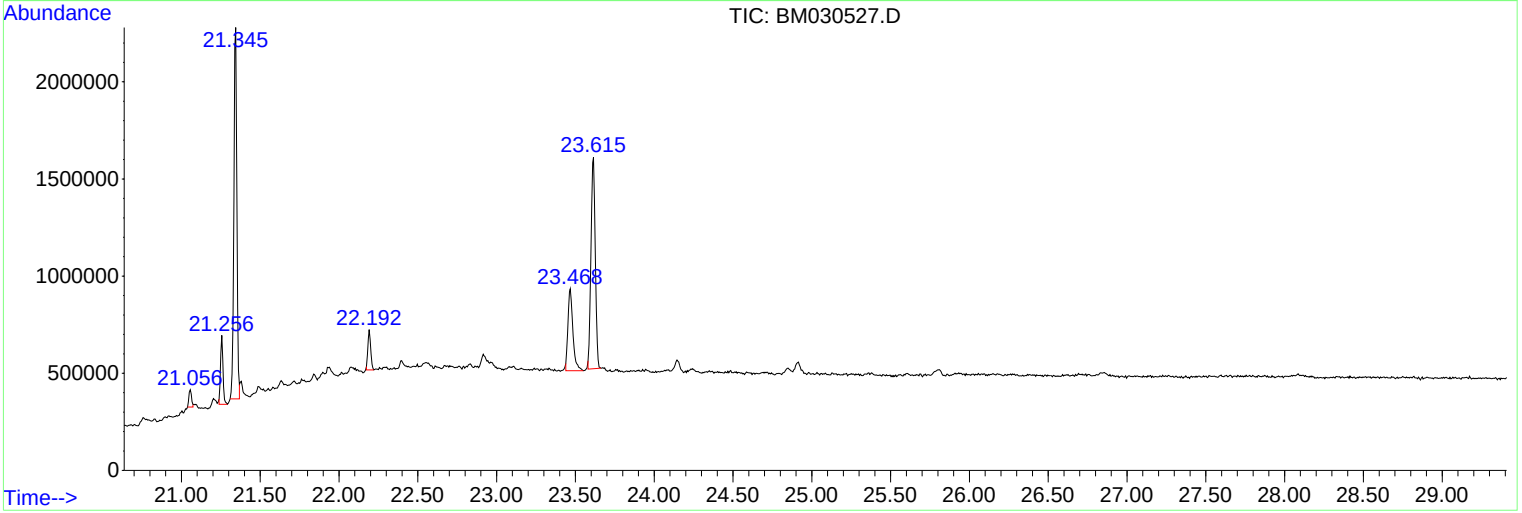
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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







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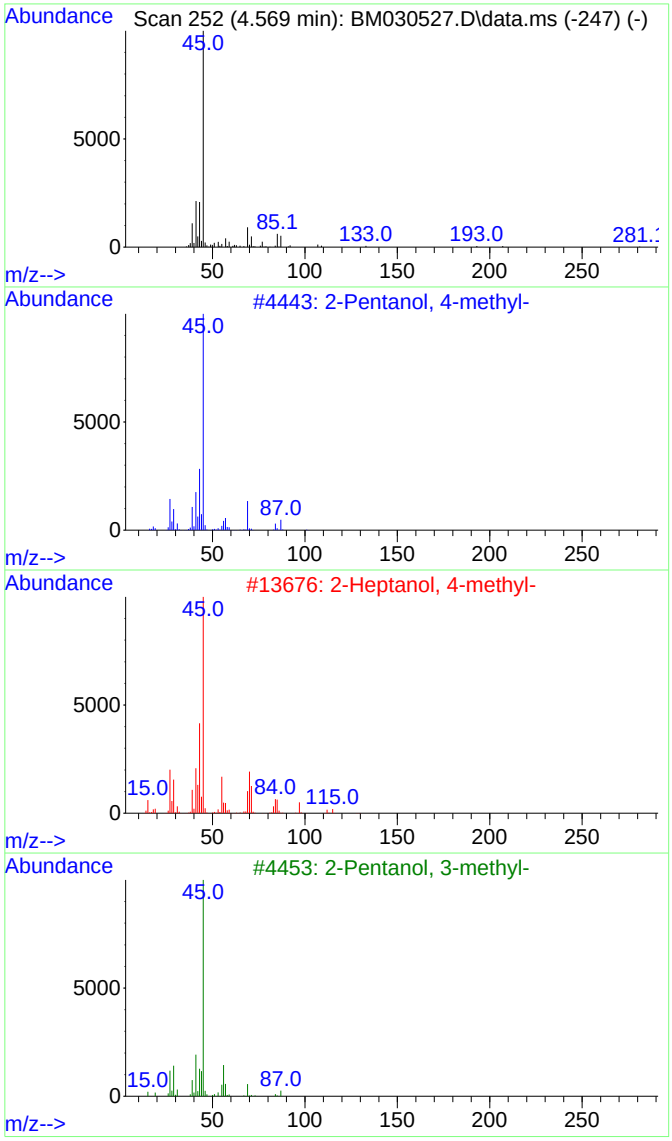
Quant Title : SVOA CALIBRATION

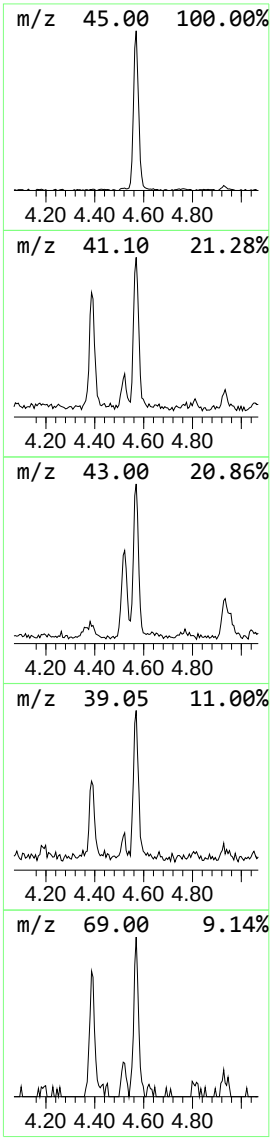
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanol, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.570	2.23 ng/ul	119617	1,4-Dichlorobenzene-d4	7.810

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50
2	2-Heptanol, 4-methyl-	130	C8H18O	056298-90-9	40
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	39
4	2-Hexanol	102	C6H14O	000626-93-7	39
5	1-Butene, 4-methoxy	86	C5H10O	004696-30-4	38





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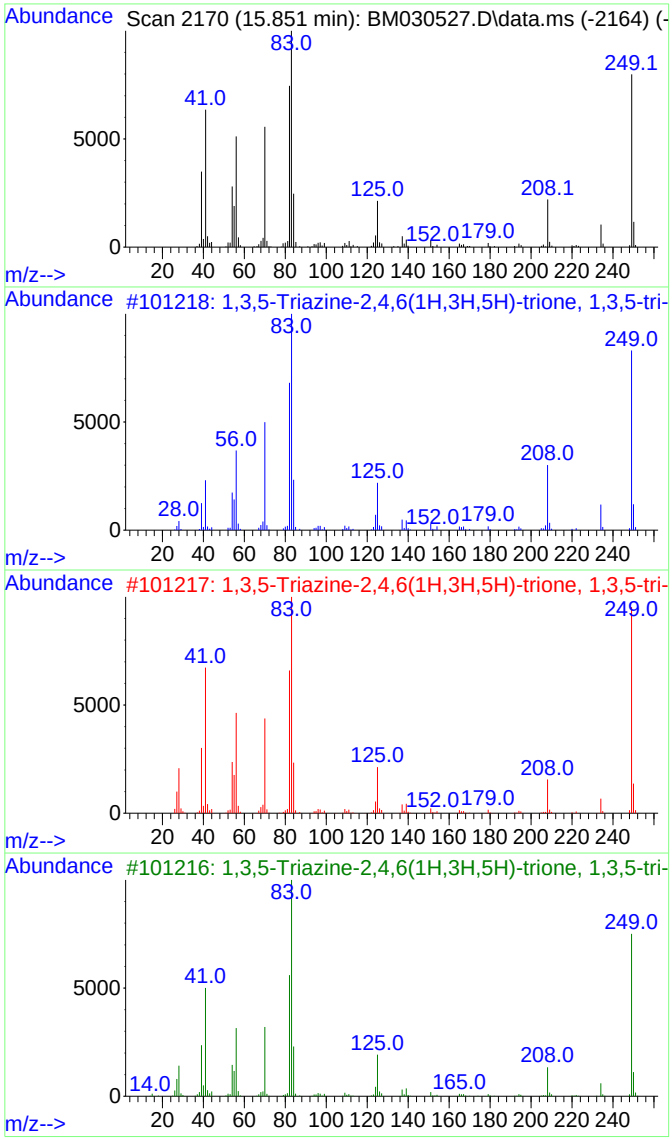
Quant Title : SVOA CALIBRATION

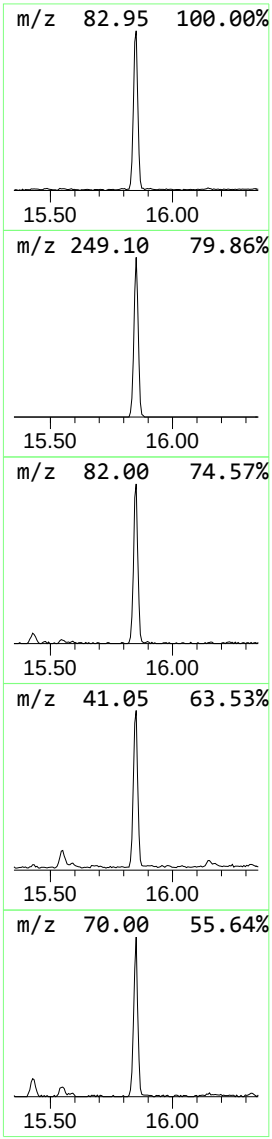
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1,3,5-Triazine-2,4,6(1H,3H,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.850	2.88 ng/ul	365679	Phenanthrene-d10	17.180

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	97
2	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	97
3	1,3,5-Triazine-2,4,6(1H,3H,5H)-t...	249	C12H15N3O3	001025-15-6	93
4	12-Octadecenal	266	C18H34O	056554-91-7	35
5	n-Nonylcyclohexane	210	C15H30	002883-02-5	27





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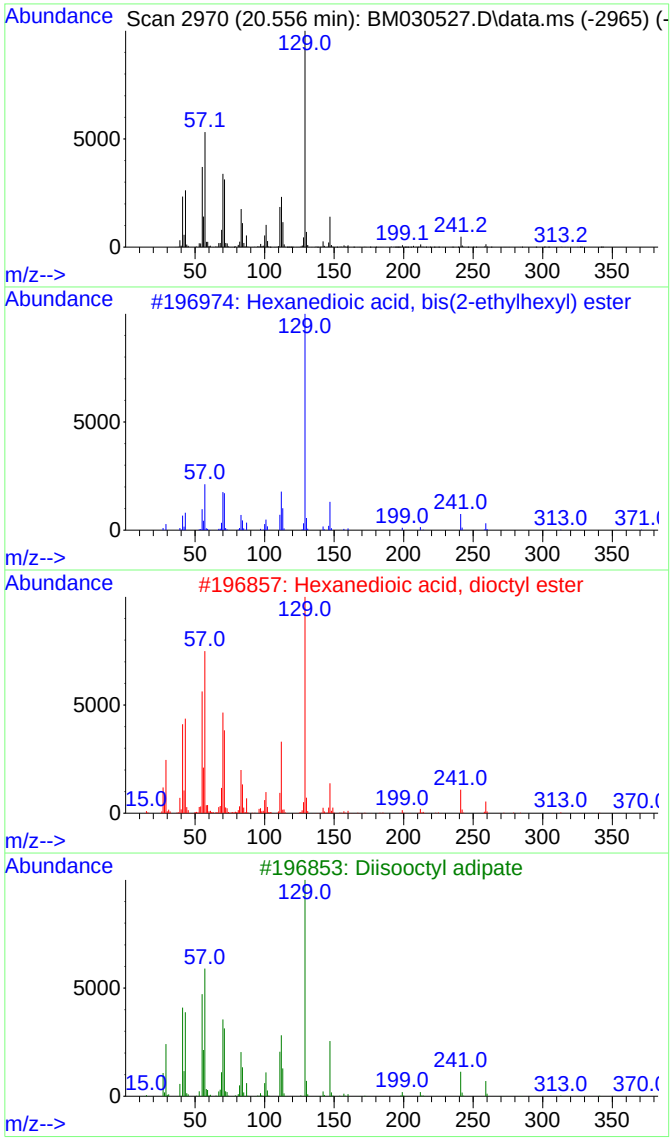
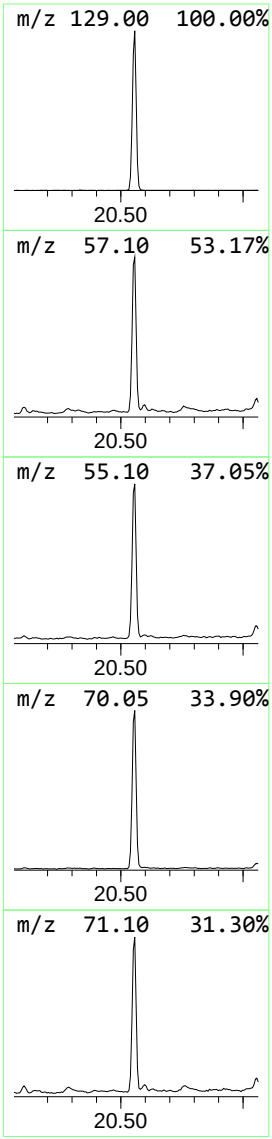
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	16.30 ng/ul	2076550	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81





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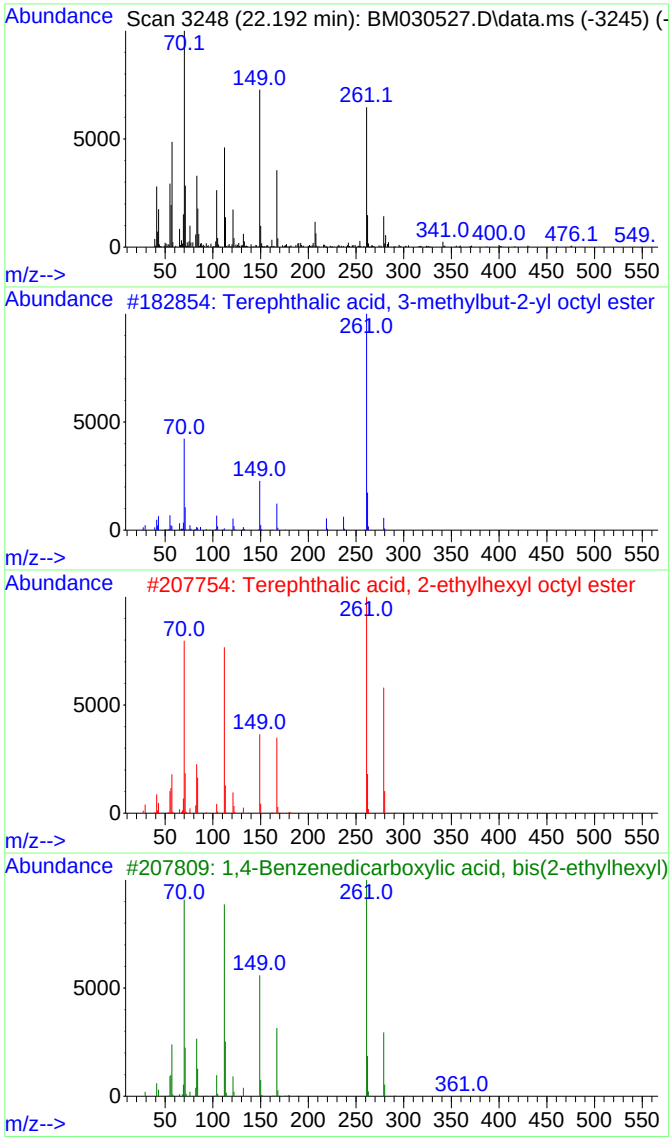
Quant Title : SVOA CALIBRATION

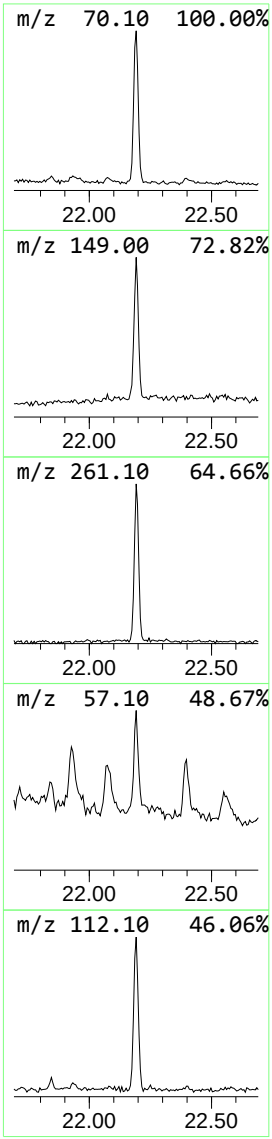
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Terephthalic acid, 3-methyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.190	2.01 ng/ul	256498	Chrysene-d12	21.345

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Terephthalic acid, 3-methylbut-2...	348	C21H32O4	1000356-27-6	59
2	Terephthalic acid, 2-ethylhexyl ...	390	C24H38O4	1000324-00-5	50
3	1,4-Benzenedicarboxylic acid, bi...	390	C24H38O4	006422-86-2	43
4	Terephthalic acid, di(4-octyl) e...	390	C24H38O4	1000323-74-2	35
5	Diisooctyl phthalate	390	C24H38O4	000131-20-4	22





Tentatively Identified Compound (LSC) summary

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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-Pentanol, 4-m...	4.570	2.2	ng/ul	119617	1	7.810	1071640	20.0
1,3,5-Triazine-...	15.850	2.9	ng/ul	365679	4	17.180	2538400	20.0
Hexanedioic aci...	20.560	16.3	ng/ul	2076550	5	21.345	2548430	20.0
Terephthalic ac...	22.190	2.0	ng/ul	256498	5	21.345	2548430	20.0