LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG070921\
Data File : BG049254.D
Acq On : 10 Jul 2021 2:13
Operator : CG/JU
Sample : M2878-14
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGE05

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_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

Signal : TIC: BG049254.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.120	8	14	23	rBV	136882	284262	43.48%	4.570%
2	3.196	23	27	38	rVB	94030	151149	23.12%	2.430%
3	3.461	69	72	77	rVB6	3682	6004	0.92%	0.097%
4	3.901	144	147	157	rBV3	8597	21024	3.22%	0.338%
5	4.224	199	202	210	rVB3	2760	4283	0.66%	0.069%
6	4.636	271	272	275	rBV3	1358	1310	0.20%	0.021%
7	4.771	293	295	297	rBV2	1253	1336	0.20%	0.021%
8	4.906	316	318	320	rBV3	1176	1185	0.18%	0.019%
9	5.035	339	340	343	rBV2	1116	1471	0.23%	0.024%
10	5.141	356	358	361	rVB2	1416	1469	0.22%	0.024%
11	5.235	372	374	379	rVB2	943	1425	0.22%	0.023%
12	5.364	394	396	399	rVV3	1021	1127	0.17%	0.018%
13	5.411	403	404	408	rBV2	905	1138	0.17%	0.018%
14	5.576	430	432	433	rBV	1264	1130	0.17%	0.018%
15	5.817	470	473	477	rVB2	990	1313	0.20%	0.021%
16	6.028	506	509	512	rBV3	1363	1904	0.29%	0.031%
17	6.075	514	517	519	rVV	1303	1300	0.20%	0.021%
18	6.128	522	526	528	rBV2	726	1169	0.18%	0.019%
19	6.152	528	530	534	rVV2	1347	1856	0.28%	0.030%
20	6.304	554	556	559	rVB	1643	1814	0.28%	0.029%
21	6.334	559	561	566	rBV2	1591	2416	0.37%	0.039%
22	6.945	663	665	669	rVB2	1362	1428	0.22%	0.023%
23	6.998	669	674	676	rBV3	752	1172	0.18%	0.019%
24	7.062	680	685	686	rBV	1387	1945	0.30%	0.031%
25	7.221	706	712	720	rBV	53987	99668	15.25%	1.602%
26	7.397	735	742	749	rBV	37305	69866	10.69%	1.123%
27	7.491	755	758	760	rBV	1347	1403	0.21%	0.023%
28	7.603	770	777	785	rBV	55847	98562	15.08%	1.585%
29	7.685	788	791	797	rVB3	2120	3371	0.52%	0.054%
30	8.073	851	857	864	rBV	117790	206393	31.57%	3.318%
31	8.179	873	875	879	rBV	1233	1473	0.23%	0.024%
32	8.631	951	952	955	rBV	1358	1199	0.18%	0.019%
33	8.772	969	976	987	rBV3	66994	121419	18.57%	1.952%
34	8.901	995	998	999	rBV	1747	2090	0.32%	0.034%
35	9.124	1033	1036	1038	rBV	1093	1246	0.19%	0.020%
36	9.242	1049	1056	1064	rBV3	58914	111633	17.08%	1.795%

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Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Title : SVOA CALIBRATION

37	9.401	1080	1083	1088	rVB	1118	1716	0.26%	0.028%
38	9.559	1107	1110	1113	rVB	963	1197	0.18%	0.019%
39	9.971	1173	1180	1187	rBV3	46220	84138	12.87%	1.353%
40	10.511	1264	1272	1280	rBV2	66407	123886	18.95%	1.992%
41	10.670	1294	1299	1304	rBV3	5124	9052	1.38%	0.146%
42	10.893	1329	1337	1346	rBV	155449	278832	42.65%	4.483%
43	11.028	1352	1360	1368	rVB2	56145	107670	16.47%	1.731%
44	11.334	1409	1412	1416	rBV2	725	1362	0.21%	0.022%
45	12.074	1536	1538	1540	rVV	1518	1258	0.19%	0.020%
46	12.479	1604	1607	1610	rVB2	1911	2234	0.34%	0.036%
47	13.102	1711	1713	1717	rVB	1200	1349	0.21%	0.022%
48	13.278	1741	1743	1746	rBV	1066	1273	0.19%	0.020%
49	13.537	1783	1787	1791	rVB2	1338	2245	0.34%	0.036%
50	14.048	1871	1874	1876	rVB	1092	1322	0.20%	0.021%
51	14.113	1879	1885	1895	rVV	146599	222063	33.97%	3.570%
52	14.412	1930	1936	1946	rVB	146443	233017	35.64%	3.746%
53	14.665	1975	1979	1981	rVB2	878	1316	0.20%	0.021%
54	14.718	1981	1988	1996	rBV2	255576	396593	60.67%	6.376%
55	14.912	2015	2021	2031	rBV3	35903	75966	11.62%	1.221%
56	15.041	2041	2043	2049	rVB3	1161	1513	0.23%	0.024%
57	15.558	2128	2131	2134	rBV3	1673	1698	0.26%	0.027%
58	15.711	2150	2157	2164	rBV	198531	304968	46.65%	4.903%
59	15.823	2171	2176	2182	rBV2	25413	41212	6.30%	0.663%
60	15.952	2192	2198	2201	rBV4	1730	2690	0.41%	0.043%
61	16.087	2219	2221	2223	rBV2	916	1138	0.17%	0.018%
62	16.404	2273	2275	2282	rVB3	1176	1499	0.23%	0.024%
63	16.481	2286	2288	2290	rBV	1567	1159	0.18%	0.019%
64	16.698	2321	2325	2326	rBV2	2106	1899	0.29%	0.031%
65	16.780	2334	2339	2340	rBV3	1816	1888	0.29%	0.030%
66	16.845	2347	2350	2354	rBV	3719	4947	0.76%	0.080%
67	16.915	2359	2362	2366	rBV2	1986	3129	0.48%	0.050%
68	16.945	2366	2367	2370	rVB3	1473	1258	0.19%	0.020%
69	17.062	2384	2387	2390	rVB2	1724	1901	0.29%	0.031%
70	17.098	2390	2393	2395	rBV	1197	1383	0.21%	0.022%
71	17.145	2399	2401	2405	rBV3	1026	1154	0.18%	0.019%
72	17.415	2445	2447	2449	rVB2	1746	1312	0.20%	0.021%
73	17.468	2449	2456	2464	rBV	345341	516001	78.93%	8.296%
74	17.568	2464	2473	2480	rVV	241705	357324	54.66%	5.745%
75	17.650	2484	2487	2490	rVB2	2246	2138	0.33%	0.034%
76	17.832	2516	2518	2519	rBV2	1324	1256	0.19%	0.020%

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Integrator: RTE
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Title : SVOA CALIBRATION

77	18.061	2554	2557	2561	rVB3	1099	1431	0.22%	0.023%
78	18.126	2564	2568	2573	rVB4	3343	5087	0.78%	0.082%
79	18.355	2602	2607	2608	rBV3	2394	2834	0.43%	0.046%
80	18.367	2608	2609	2612	rVB3	1516	1370	0.21%	0.022%
81	18.431	2617	2620	2623	rVV2	2295	2583	0.40%	0.042%
82	18.784	2678	2680	2682	rBV	2660	1696	0.26%	0.027%
83	18.878	2693	2696	2697	rBV	1772	2004	0.31%	0.032%
84	18.931	2703	2705	2707	rBV3	1261	1319	0.20%	0.021%
85	19.025	2719	2721	2724	rBV2	1756	1505	0.23%	0.024%
86	19.183	2745	2748	2749	rBV2	1660	1248	0.19%	0.020%
87	19.213	2752	2753	2754	rBV	2424	1159	0.18%	0.019%
88	19.412	2783	2787	2788	rBV3	1585	1450	0.22%	0.023%
89	19.483	2797	2799	2800	rBV2	2457	1628	0.25%	0.026%
90	19.536	2806	2808	2810	rVB3	1487	1299	0.20%	0.021%
91	19.618	2820	2822	2824	rBV3	2641	2733	0.42%	0.044%
92	19.747	2837	2844	2846	rBV4	3505	5647	0.86%	0.091%
93	19.853	2856	2862	2870	rBV	296245	429793	65.74%	6.910%
94	20.211	2921	2923	2925	rBV3	2395	2926	0.45%	0.047%
95	20.353	2945	2947	2948	rBV	2918	2260	0.35%	0.036%
96	20.828	3023	3028	3032	rBV	88814	105388	16.12%	1.694%
97	21.387	3119	3123	3128	rBV7	12389	27892	4.27%	0.448%
98	21.751	3179	3185	3194	rVB2	368526	599048	91.64%	9.631%
99	24.818	3697	3707	3715	rBV	127192	352802	53.97%	5.672%
100	25.047	3737	3746	3763	rVB	214526	653730	100.00%	10.511%

Sum of corrected areas: 6219741

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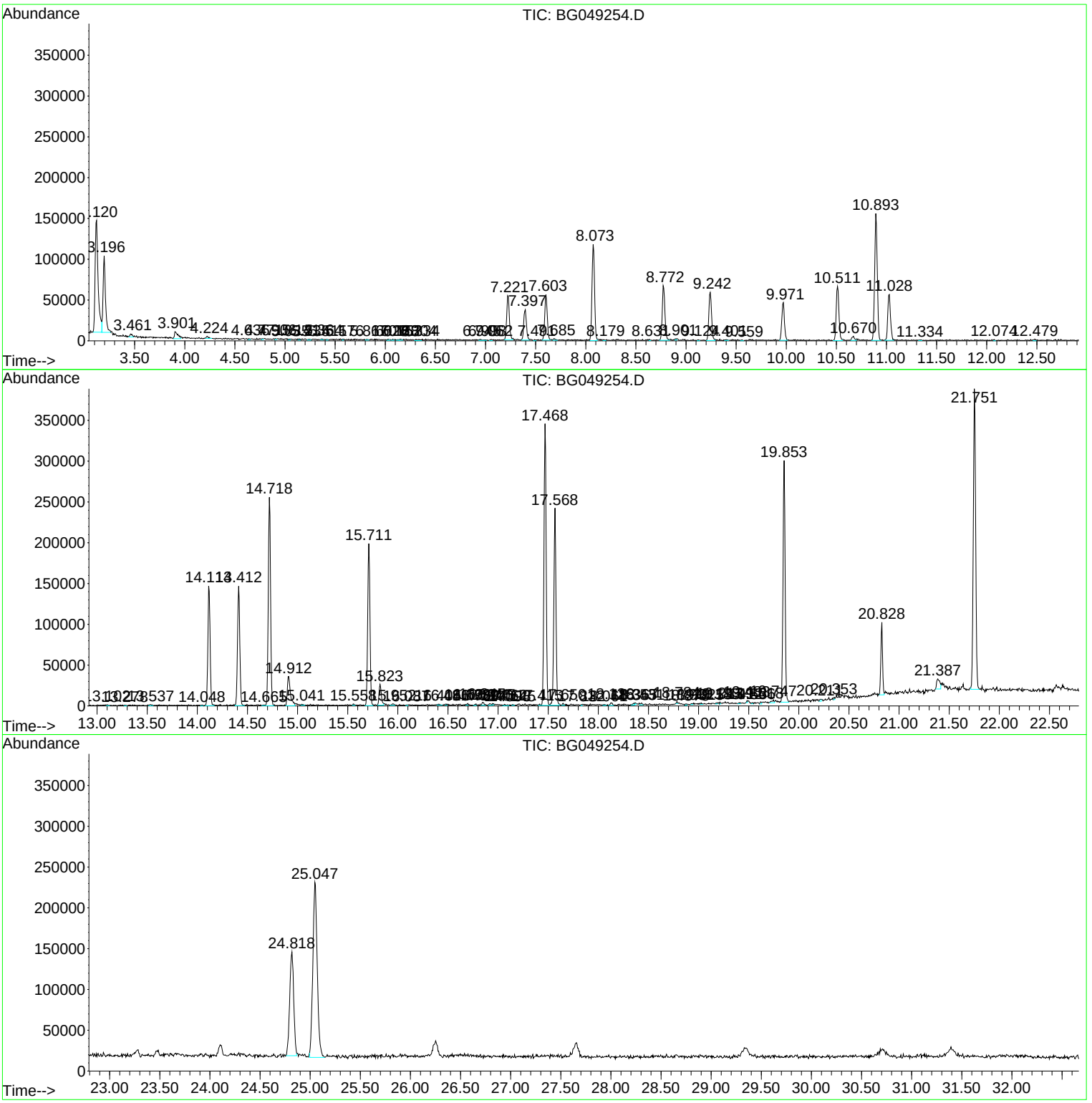
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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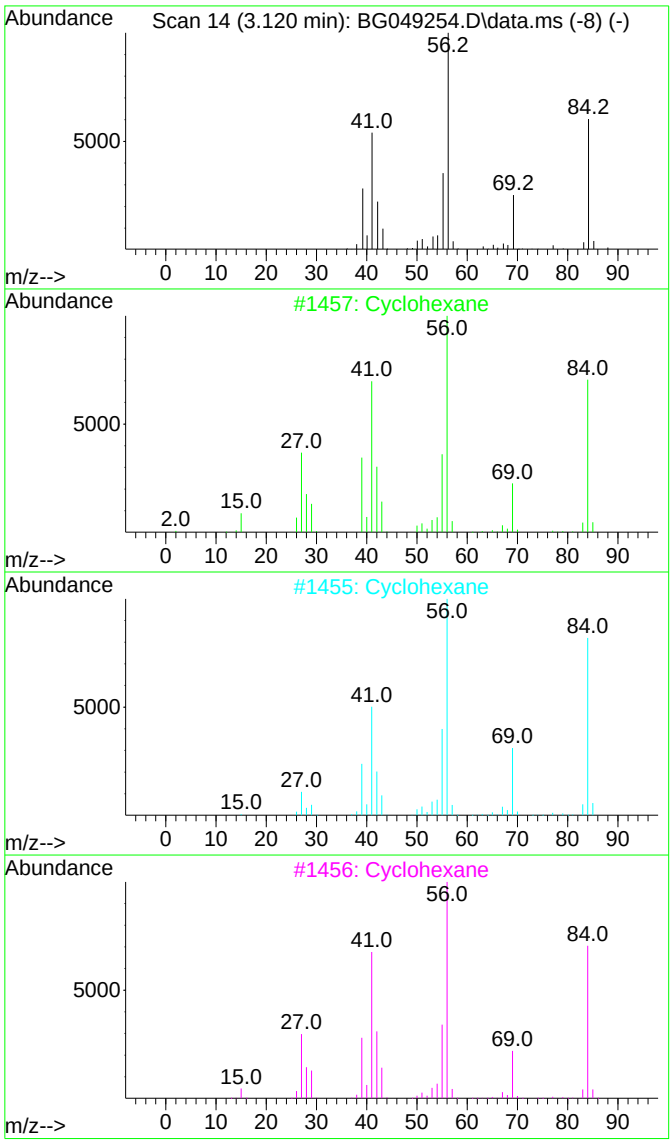
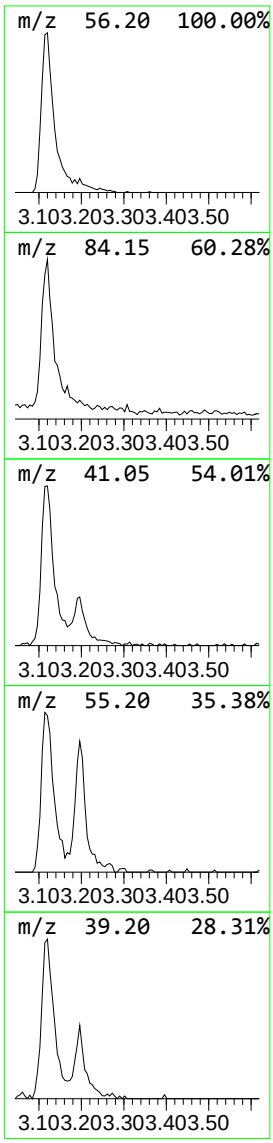
****
Peak Number 1 (DEL) Alkane: Cyclic3.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.120	27.55 ng/ul	284262	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	86
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	64





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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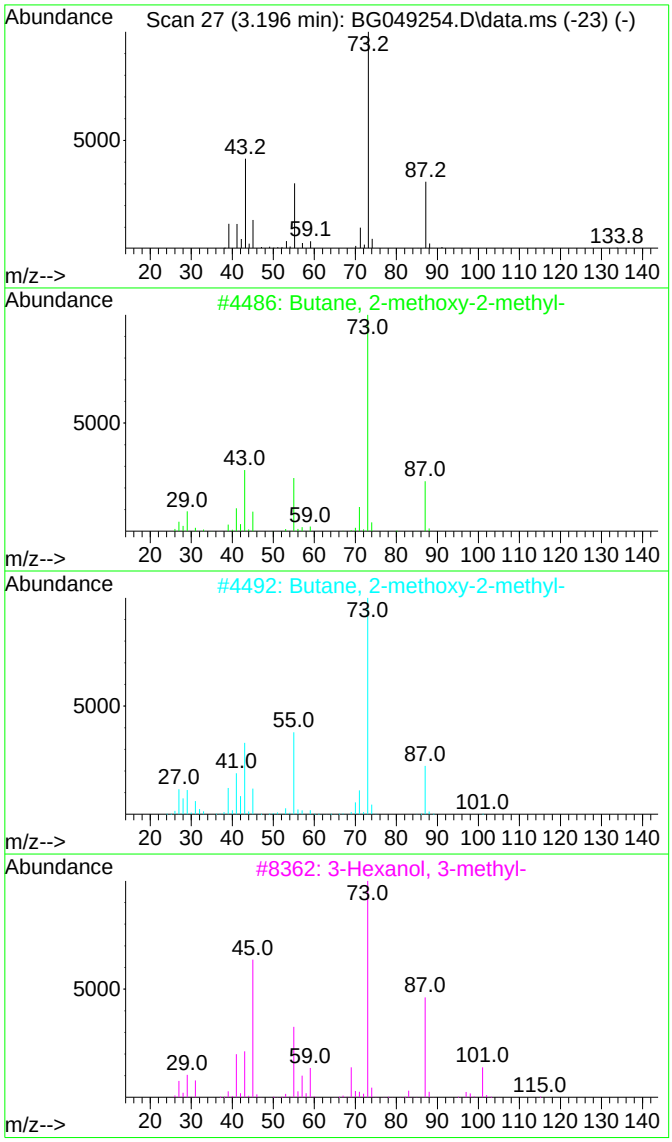
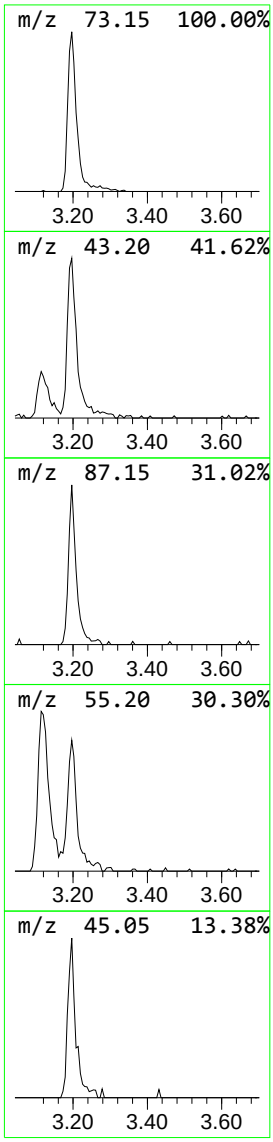
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.200	14.65 ng/ul	151149	1,4-Dichlorobenzene-d4	8.073

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	3-Hexanol, 3-methyl-	116	C7H16O	000597-96-6	45
4	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





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Quant Title : SVOA CALIBRATION

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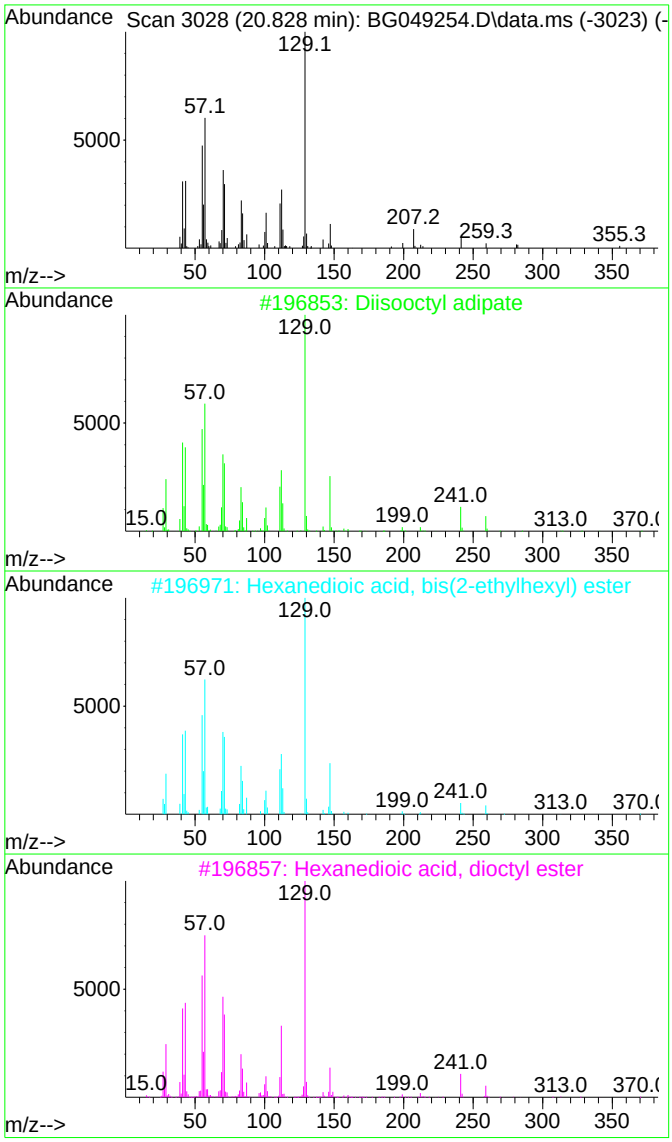
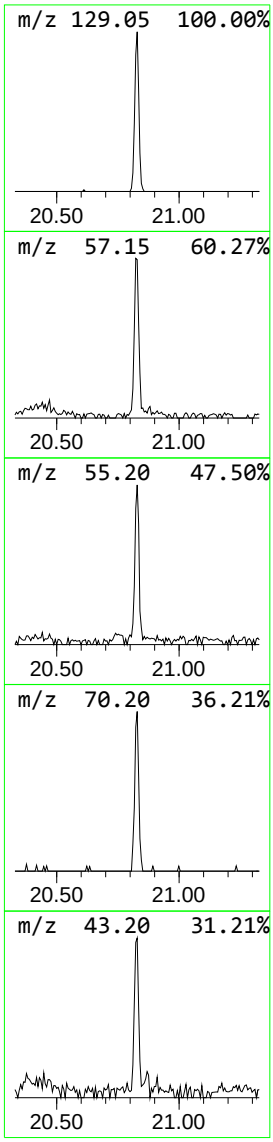
****

Peak Number 3 Diisooctyl adipate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.830	3.52 ng/ul	105388	Chrysene-d12	21.751

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisooctyl adipate	370	C22H42O4	001330-86-5	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	83
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	83
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	72





Tentatively Identified Compound (LSC) summary

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

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.120	27.6	ng/ul	284262	1	8.073	206393	20.0
Butane, 2-metho...	3.200	14.7	ng/ul	151149	1	8.073	206393	20.0
Diisooctyl adipate	20.830	3.5	ng/ul	105388	5	21.751	599048	20.0