LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071421\
Data File : BG049349.D
Acq On : 15 Jul 2021 5:05
Operator : CG/JU
Sample : M2971-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BGEA0

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: BG049349.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	5	12	20	rBV	115729	278063	47.70%	5.166%
2	3.187	20	25	35	rVB	77515	136942	23.49%	2.544%
3	3.452	69	70	71	rBV	2148	1221	0.21%	0.023%
4	3.546	84	86	89	rVB2	1331	1219	0.21%	0.023%
5	3.575	89	91	93	rBV3	1387	1480	0.25%	0.027%
6	3.640	100	102	103	rBV	1631	1198	0.21%	0.022%
7	3.669	105	107	109	rVB3	1897	1448	0.25%	0.027%
8	3.898	143	146	151	rBV	6887	11060	1.90%	0.205%
9	3.998	161	163	165	rVB2	1622	1230	0.21%	0.023%
10	4.121	182	184	188	rVB3	1785	1516	0.26%	0.028%
11	4.210	195	199	200	rBV2	1892	2293	0.39%	0.043%
12	4.386	227	229	231	rBV3	1370	1403	0.24%	0.026%
13	4.480	243	245	249	rBV3	1177	1137	0.20%	0.021%
14	4.609	265	267	270	rVB2	1295	1257	0.22%	0.023%
15	4.785	295	297	300	rVB2	1406	1707	0.29%	0.032%
16	4.897	314	316	318	rVB2	1508	1188	0.20%	0.022%
17	4.926	318	321	322	rBV2	1523	1646	0.28%	0.031%
18	5.144	356	358	362	rVB2	1450	1592	0.27%	0.030%
19	5.455	410	411	413	rBV	1695	1148	0.20%	0.021%
20	5.690	448	451	454	rBV3	816	1323	0.23%	0.025%
21	6.019	506	507	510	rVB	1624	1289	0.22%	0.024%
22	6.060	512	514	516	rVB2	1413	1147	0.20%	0.021%
23	6.090	516	519	521	rBV	1054	1348	0.23%	0.025%
24	6.243	540	545	546	rBV2	1751	2343	0.40%	0.044%
25	6.812	638	642	644	rBV2	1221	1426	0.24%	0.026%
26	7.218	705	711	719	rBV2	31116	60673	10.41%	1.127%
27	7.382	734	739	747	rBV2	21239	38206	6.55%	0.710%
28	7.594	769	775	782	rBV3	29812	54764	9.39%	1.017%
29	7.729	797	798	801	rBV2	1138	1141	0.20%	0.021%
30	7.823	811	814	817	rVB	922	1296	0.22%	0.024%
31	8.064	847	855	865	rVV	116770	202632	34.76%	3.765%
32	8.193	874	877	882	rVB	1493	2412	0.41%	0.045%
33	8.293	891	894	896	rVB3	1283	1387	0.24%	0.026%
34	8.604	944	947	948	rBV	1146	1191	0.20%	0.022%
35	8.769	968	975	983	rBV2	39745	72996	12.52%	1.356%
36	8.886	993	995	1002	rBV2	1643	2987	0.51%	0.055%

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ClientSampleId : BGEA0

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

37	9.233	1048	1054	1061	rBV2	32989	61207	10.50%	1.137%
38	9.609	1117	1118	1122	rBV	815	1250	0.21%	0.023%
39	9.809	1149	1152	1155	rBV	1751	1786	0.31%	0.033%
40	9.956	1170	1177	1186	rVB4	29636	56144	9.63%	1.043%
41	10.020	1186	1188	1191	rBV2	1183	1620	0.28%	0.030%
42	10.502	1264	1270	1280	rVB	40030	76366	13.10%	1.419%
43	10.655	1292	1296	1297	rBV	2032	2573	0.44%	0.048%
44	10.884	1327	1335	1342	rBV	148628	275969	47.34%	5.127%
45	11.019	1351	1358	1366	rVB3	35493	65704	11.27%	1.221%
46	11.912	1507	1510	1514	rBV	1051	1713	0.29%	0.032%
47	12.453	1599	1602	1604	rBV	1303	1143	0.20%	0.021%
48	12.946	1683	1686	1690	rBV	972	1534	0.26%	0.028%
49	13.087	1708	1710	1712	rBV	1180	1410	0.24%	0.026%
50	13.552	1786	1789	1793	rVB2	1396	1659	0.28%	0.031%
51	14.104	1877	1883	1891	rBV	88073	131083	22.49%	2.435%
52	14.345	1920	1924	1927	rBV2	883	1735	0.30%	0.032%
53	14.404	1927	1934	1943	rVB	92697	139486	23.93%	2.591%
54	14.468	1943	1945	1948	rBV	1353	1444	0.25%	0.027%
55	14.709	1979	1986	1993	rVB	255828	408821	70.13%	7.595%
56	14.915	2012	2021	2029	rBV4	21946	46364	7.95%	0.861%
57	15.203	2066	2070	2073	rVB2	817	1214	0.21%	0.023%
58	15.543	2125	2128	2131	rBV2	926	1364	0.23%	0.025%
59	15.702	2148	2155	2162	rVB	112698	172563	29.60%	3.206%
60	15.814	2169	2174	2181	rBV2	15551	25128	4.31%	0.467%
61	15.925	2189	2193	2194	rBV	1106	1344	0.23%	0.025%
62	15.943	2194	2196	2203	rVB2	1676	1530	0.26%	0.028%
63	16.401	2271	2274	2276	rBV2	1116	1183	0.20%	0.022%
64	16.489	2285	2289	2291	rBV2	1759	2364	0.41%	0.044%
65	17.147	2399	2401	2404	rVB2	1774	1264	0.22%	0.023%
66	17.194	2404	2409	2410	rBV4	2738	3670	0.63%	0.068%
67	17.459	2447	2454	2461	rBV	337381	514230	88.21%	9.554%
68	17.559	2465	2471	2477	rVV2	136843	207957	35.67%	3.863%
69	17.647	2480	2486	2488	rBV2	1569	2273	0.39%	0.042%
70	17.735	2497	2501	2503	rBV2	1366	1539	0.26%	0.029%
71	17.882	2524	2526	2529	rBV2	1789	2193	0.38%	0.041%
72	18.011	2545	2548	2549	rBV2	1675	1820	0.31%	0.034%
73	18.093	2559	2562	2564	rVB	1439	1545	0.27%	0.029%
74	18.117	2564	2566	2568	rBV2	1978	1972	0.34%	0.037%
75	18.340	2600	2604	2610	rBV5	5364	8476	1.45%	0.157%
76	18.775	2673	2678	2684	rBV2	25976	41439	7.11%	0.770%

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Instrument : BNA_G
ClientSampleId : BGEA0

Integration Parameters: LSCINT.P
Integrator: RTE
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Title : SVOA CALIBRATION

77	18.969	2710	2711	2715	rBV2	1401	1348	0.23%	0.025%
78	19.098	2728	2733	2736	rVB3	1917	3020	0.52%	0.056%
79	19.198	2749	2750	2753	rVB2	2352	2079	0.36%	0.039%
80	19.221	2753	2754	2756	rBV2	1631	1187	0.20%	0.022%
81	19.257	2758	2760	2763	rVV3	2109	2323	0.40%	0.043%
82	19.310	2766	2769	2770	rBV2	1392	1187	0.20%	0.022%
83	19.415	2783	2787	2796	rBV5	3265	7711	1.32%	0.143%
84	19.486	2796	2799	2802	rVB4	2696	3411	0.59%	0.063%
85	19.580	2812	2815	2818	rVB4	1827	2575	0.44%	0.048%
86	19.609	2818	2820	2824	rBV4	3464	3494	0.60%	0.065%
87	19.768	2841	2847	2848	rBV3	2500	3961	0.68%	0.074%
88	19.844	2854	2860	2867	rBV	174650	248341	42.60%	4.614%
89	19.921	2872	2873	2874	rBV	3014	1420	0.24%	0.026%
90	19.979	2881	2883	2885	rBV3	2303	2168	0.37%	0.040%
91	20.079	2898	2900	2901	rBV2	2035	2087	0.36%	0.039%
92	20.114	2903	2906	2908	rBV2	1933	2592	0.44%	0.048%
93	20.203	2919	2921	2924	rBV2	3344	2816	0.48%	0.052%
94	20.820	3021	3026	3031	rBV	438375	530344	90.97%	9.853%
95	20.966	3049	3051	3054	rVB4	4171	2998	0.51%	0.056%
96	21.372	3116	3120	3125	rBV7	15895	25884	4.44%	0.481%
97	21.742	3177	3183	3190	rVB2	333625	547768	93.96%	10.177%
98	24.797	3695	3703	3714	rVB2	70282	187003	32.08%	3.474%
99	25.032	3733	3743	3754	rVB2	199613	582967	100.00%	10.831%
100	26.219	3939	3945	3955	rVB7	15462	42552	7.30%	0.791%

Sum of corrected areas: 5382624

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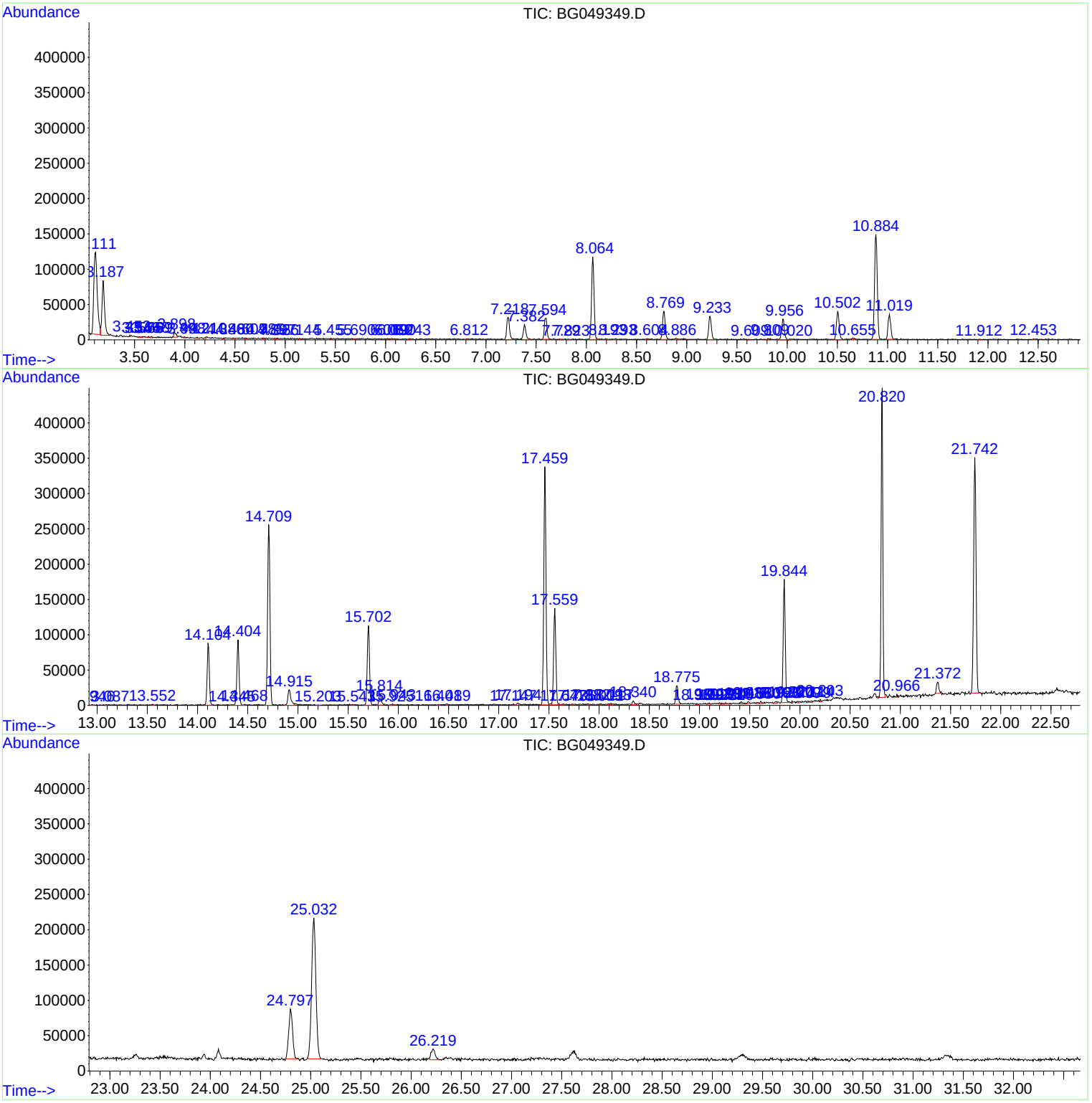
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION

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



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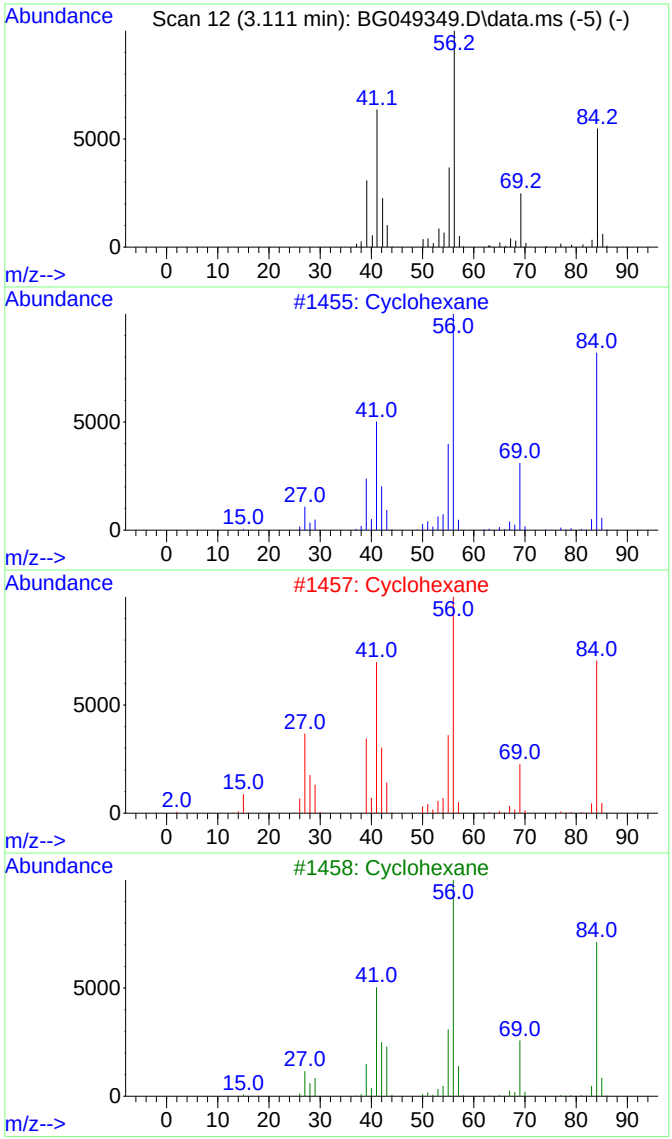
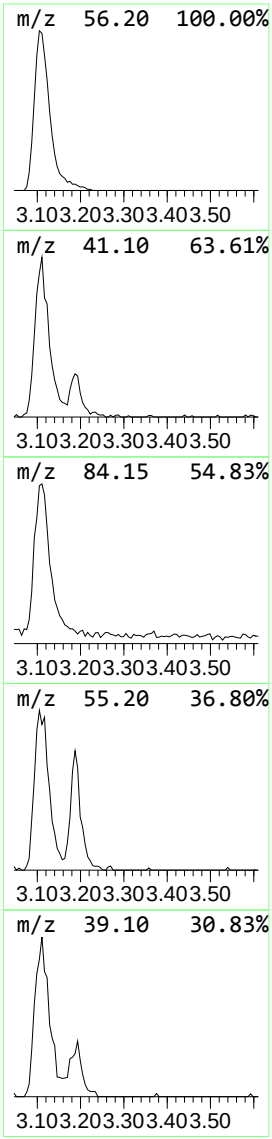
****
Peak Number 1 (DEL) Alkane: Cyclic3.11 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.110	27.45 ng/ul	278063	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	94
2	Cyclohexane	84	C6H12	000110-82-7	91
3	Cyclohexane	84	C6H12	000110-82-7	91
4	Cyclohexane	84	C6H12	000110-82-7	91
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	86





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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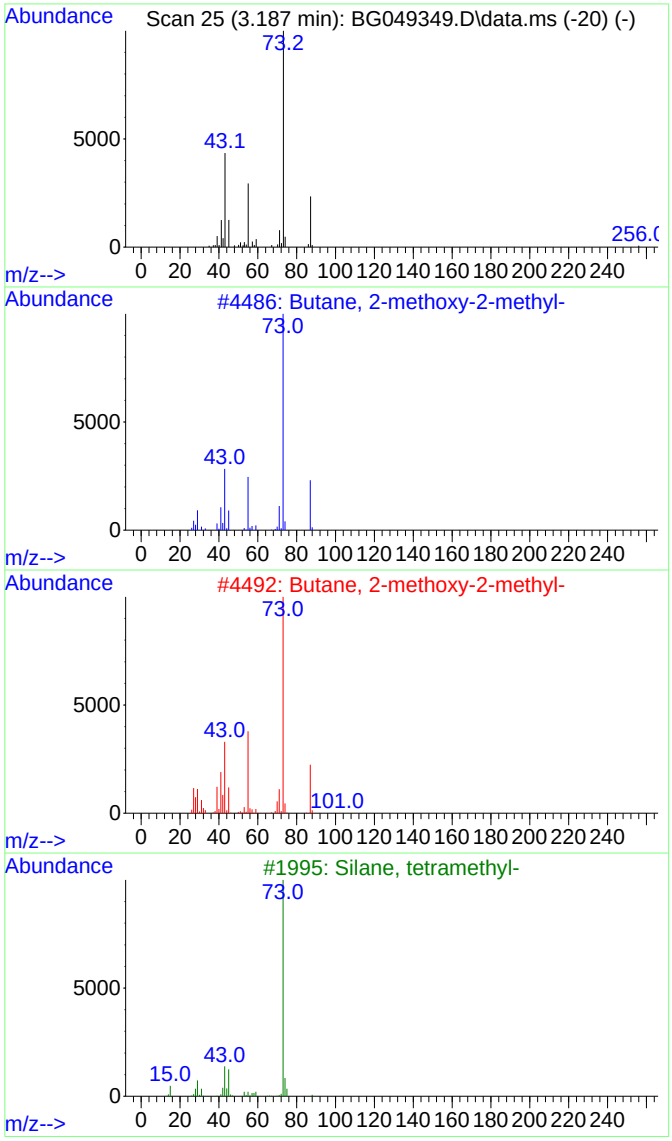
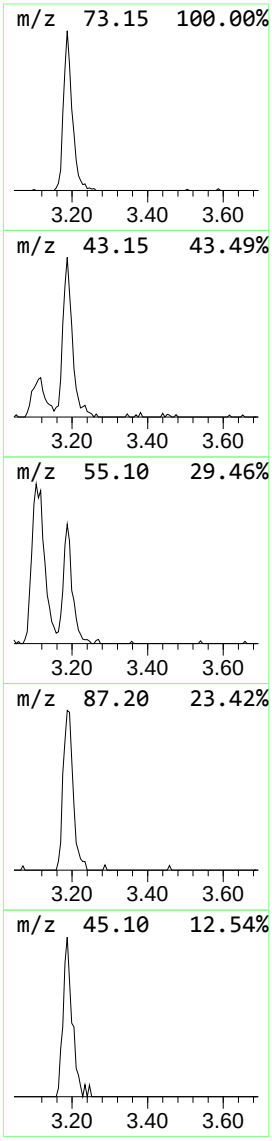
****
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.190	13.52 ng/ul	136942	1,4-Dichlorobenzene-d4	8.064

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	53
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
5	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37





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Quant Title : SVOA CALIBRATION

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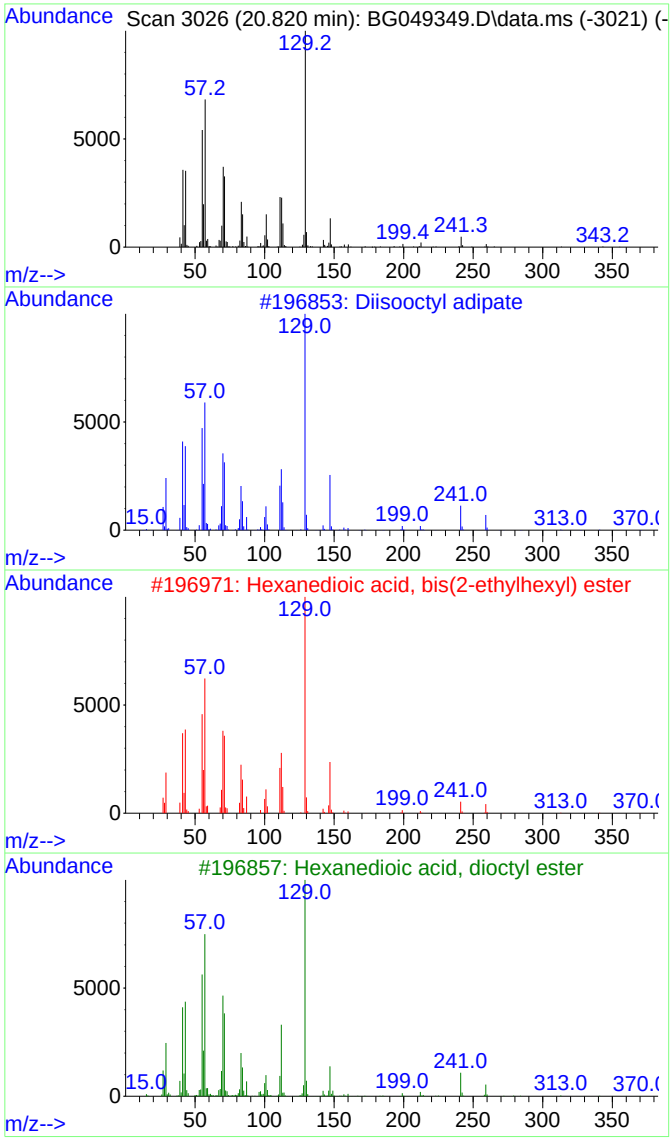
TIC Integration Parameters: LSCINT.P

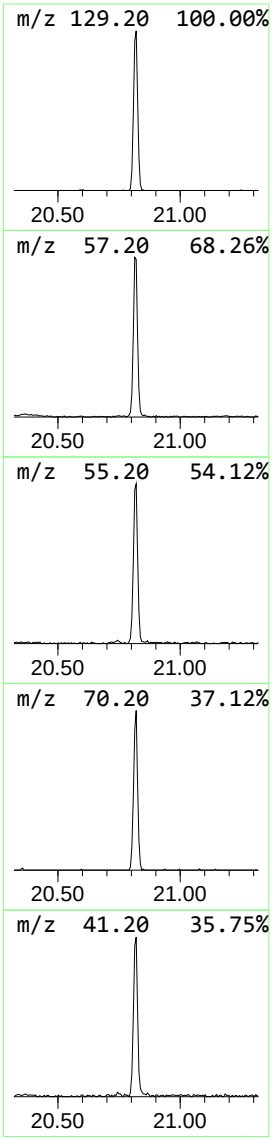
****

Peak Number 3 Diisooctyl adipate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.820	19.36 ng/ul	530344	Chrysene-d12	21.742

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	90
3	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	74
4	Hexanedioic acid, mono(2-ethylhe...	258	C14H26O4	004337-65-9	64
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	58





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: C...	3.110	27.4	ng/ul	278063	1	8.064	202632	20.0
Butane, 2-metho...	3.190	13.5	ng/ul	136942	1	8.064	202632	20.0
Diisooctyl adipate	20.820	19.4	ng/ul	530344	5	21.742	547768	20.0