LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022841.D
Acq On : 3 Jul 2016 23:12
Operator : UM/SJ
Sample : H3844-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHY8

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.443	98	103	114	rVB	221031	367159	6.01%	0.629%
2	3.678	139	143	144	rBV4	7362	9314	0.15%	0.016%
3	4.301	245	249	256	rVB3	24497	40316	0.66%	0.069%
4	4.741	319	324	326	rBV4	7567	8864	0.14%	0.015%
5	4.812	328	336	341	rBV2	40021	73046	1.19%	0.125%
6	5.006	365	369	372	rBV4	6800	9936	0.16%	0.017%
7	5.111	382	387	393	rVB4	59336	100724	1.65%	0.172%
8	5.523	453	457	461	rVB5	9773	13672	0.22%	0.023%
9	5.587	466	468	471	rVB2	8211	8951	0.15%	0.015%
10	5.640	473	477	479	rVV3	20839	25792	0.42%	0.044%
11	5.670	480	482	489	rVB7	22975	36877	0.60%	0.063%
12	5.728	489	492	494	rBV4	8459	9582	0.16%	0.016%
13	5.775	495	500	509	rVB	41865	90526	1.48%	0.155%
14	5.934	521	527	536	rVB8	19773	39758	0.65%	0.068%
15	6.069	548	550	553	rBV3	7775	8525	0.14%	0.015%
16	6.145	559	563	566	rBV3	18115	30437	0.50%	0.052%
17	6.621	638	644	648	rBV6	8283	17580	0.29%	0.030%
18	7.303	754	760	768	rBV	146817	250100	4.09%	0.428%
19	7.473	781	789	797	rVB	395263	654416	10.71%	1.120%
20	7.556	799	803	806	rBV5	4955	8451	0.14%	0.014%
21	7.685	818	825	833	rVB	421419	736889	12.05%	1.262%
22	7.755	833	837	839	rBV3	11539	12574	0.21%	0.022%
23	7.979	871	875	876	rBV3	5139	8100	0.13%	0.014%
24	8.161	895	906	914	rBV	525366	923033	15.10%	1.580%
25	8.543	969	971	976	rBV4	7410	8298	0.14%	0.014%
26	8.731	1001	1003	1007	rVB5	10688	15653	0.26%	0.027%
27	8.813	1013	1017	1019	rBV4	11465	20003	0.33%	0.034%
28	8.860	1019	1025	1032	rVV2	398402	700808	11.46%	1.200%
29	8.913	1032	1034	1038	rVB	14934	16029	0.26%	0.027%
30	9.113	1064	1068	1070	rBV2	6965	8465	0.14%	0.014%
31	9.271	1091	1095	1097	rBV5	10696	15461	0.25%	0.026%
32	9.330	1097	1105	1110	rVV	545910	1002410	16.40%	1.716%
33	9.377	1110	1113	1119	rVB2	92813	133878	2.19%	0.229%
34	9.506	1134	1135	1142	rBV7	9131	15052	0.25%	0.026%

LSC Area Percent Report

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Sample : H3844-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHY8

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

35	9.594	1146	1150	1152	rBV5	6988	11169	0.18%	0.019%
36	9.630	1154	1156	1159	rVB4	9131	8697	0.14%	0.015%
37	9.700	1164	1168	1169	rBV4	9133	11338	0.19%	0.019%
38	9.794	1178	1184	1188	rBV8	12019	25749	0.42%	0.044%
39	10.053	1218	1228	1237	rBV	494462	933908	15.28%	1.599%
40	10.152	1241	1245	1247	rBV4	6625	9495	0.16%	0.016%
41	10.200	1250	1253	1254	rBV2	9301	9370	0.15%	0.016%
42	10.299	1267	1270	1276	rVB7	16150	25310	0.41%	0.043%
43	10.376	1279	1283	1287	rBV7	22264	38073	0.62%	0.065%
44	10.487	1298	1302	1306	rBV6	15783	20867	0.34%	0.036%
45	10.599	1312	1321	1329	rBV	736685	1343576	21.98%	2.300%
46	10.746	1343	1346	1348	rBV4	8544	8005	0.13%	0.014%
47	10.799	1354	1355	1359	rBV2	6686	8950	0.15%	0.015%
48	10.934	1373	1378	1381	rBV2	74942	125182	2.05%	0.214%
49	10.987	1381	1387	1396	rVB	771118	1391210	22.76%	2.382%
50	11.122	1403	1410	1417	rVB7	45575	102725	1.68%	0.176%
51	11.792	1512	1524	1533	rBV3	655105	1613245	26.39%	2.762%
52	12.303	1608	1611	1613	rBV3	5957	8008	0.13%	0.014%
53	12.432	1628	1633	1634	rBV3	9640	12739	0.21%	0.022%
54	12.561	1651	1655	1658	rBV3	15845	23762	0.39%	0.041%
55	13.084	1735	1744	1751	rBV2	872661	1679617	27.48%	2.876%
56	13.219	1764	1767	1773	rVB8	18763	32207	0.53%	0.055%
57	13.678	1840	1845	1849	rBV7	11685	17354	0.28%	0.030%
58	13.742	1852	1856	1861	rVB7	8745	15780	0.26%	0.027%
59	14.195	1925	1933	1941	rBV	1811606	2659009	43.50%	4.553%
60	14.494	1977	1984	1991	rBV	1660146	2624580	42.93%	4.494%
61	14.788	2027	2034	2043	rVB2	2775013	5575857	91.21%	9.546%
62	14.853	2043	2045	2048	rVB4	10278	8878	0.15%	0.015%
63	14.994	2063	2069	2080	rBV3	159668	313003	5.12%	0.536%
64	15.117	2085	2090	2092	rBV6	13476	20315	0.33%	0.035%
65	15.188	2099	2102	2109	rVB8	26226	43340	0.71%	0.074%
66	15.523	2155	2159	2160	rBV4	9727	9024	0.15%	0.015%
67	15.793	2195	2205	2214	rVB	2676463	4190922	68.56%	7.175%
68	15.905	2217	2224	2232	rBV	1001959	1599681	26.17%	2.739%
69	16.028	2242	2245	2250	rVB3	39944	59354	0.97%	0.102%
70	16.457	2315	2318	2320	rBV3	16448	16615	0.27%	0.028%
71	16.539	2330	2332	2336	rBV2	5998	8397	0.14%	0.014%

LSC Area Percent Report

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Operator : UM/SJ
Sample : H3844-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHY8

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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Title : SVOA CALIBRATION

72	16.580	2336	2339	2340	rBV3	9497	8962	0.15%	0.015%
73	16.668	2353	2354	2357	rVB3	11400	8593	0.14%	0.015%
74	16.927	2392	2398	2399	rBV5	7850	13040	0.21%	0.022%
75	17.221	2445	2448	2453	rBV7	4972	8070	0.13%	0.014%
76	17.338	2463	2468	2472	rBV5	17662	32512	0.53%	0.056%
77	17.420	2479	2482	2484	rVB4	9397	9758	0.16%	0.017%
78	17.550	2498	2504	2514	rBV	1951853	3130471	51.21%	5.360%
79	17.655	2514	2522	2529	rBV	3231260	5187587	84.86%	8.882%
80	17.920	2563	2567	2571	rBV7	10240	15542	0.25%	0.027%
81	18.137	2602	2604	2607	rBV4	9623	8702	0.14%	0.015%
82	18.208	2610	2616	2621	rVV4	77969	109898	1.80%	0.188%
83	18.419	2646	2652	2654	rBV5	23813	36849	0.60%	0.063%
84	18.496	2663	2665	2668	rBV4	11024	10309	0.17%	0.018%
85	18.643	2685	2690	2696	rBV9	21538	52349	0.86%	0.090%
86	18.772	2710	2712	2715	rBV4	6270	8606	0.14%	0.015%
87	18.925	2735	2738	2739	rBV2	10324	9506	0.16%	0.016%
88	19.013	2751	2753	2755	rVB3	16163	11297	0.18%	0.019%
89	19.183	2781	2782	2785	rBV3	9347	8486	0.14%	0.015%
90	19.565	2843	2847	2852	rVB2	46606	70355	1.15%	0.120%
91	19.683	2864	2867	2871	rBV5	17946	25466	0.42%	0.044%
92	19.823	2887	2891	2899	rVB2	47480	77357	1.27%	0.132%
93	19.935	2903	2910	2918	rBV	4176942	6113158	100.00%	10.466%
94	21.774	3218	3223	3228	rVB	233267	362112	5.92%	0.620%
95	21.851	3229	3236	3247	rVB2	2172178	3713958	60.75%	6.359%
96	24.988	3760	3770	3786	rVB2	1939754	5725495	93.66%	9.803%
97	25.223	3799	3810	3824	rBV2	1214000	3623237	59.27%	6.203%

Sum of corrected areas: 58407665

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Instrument : BNA_G
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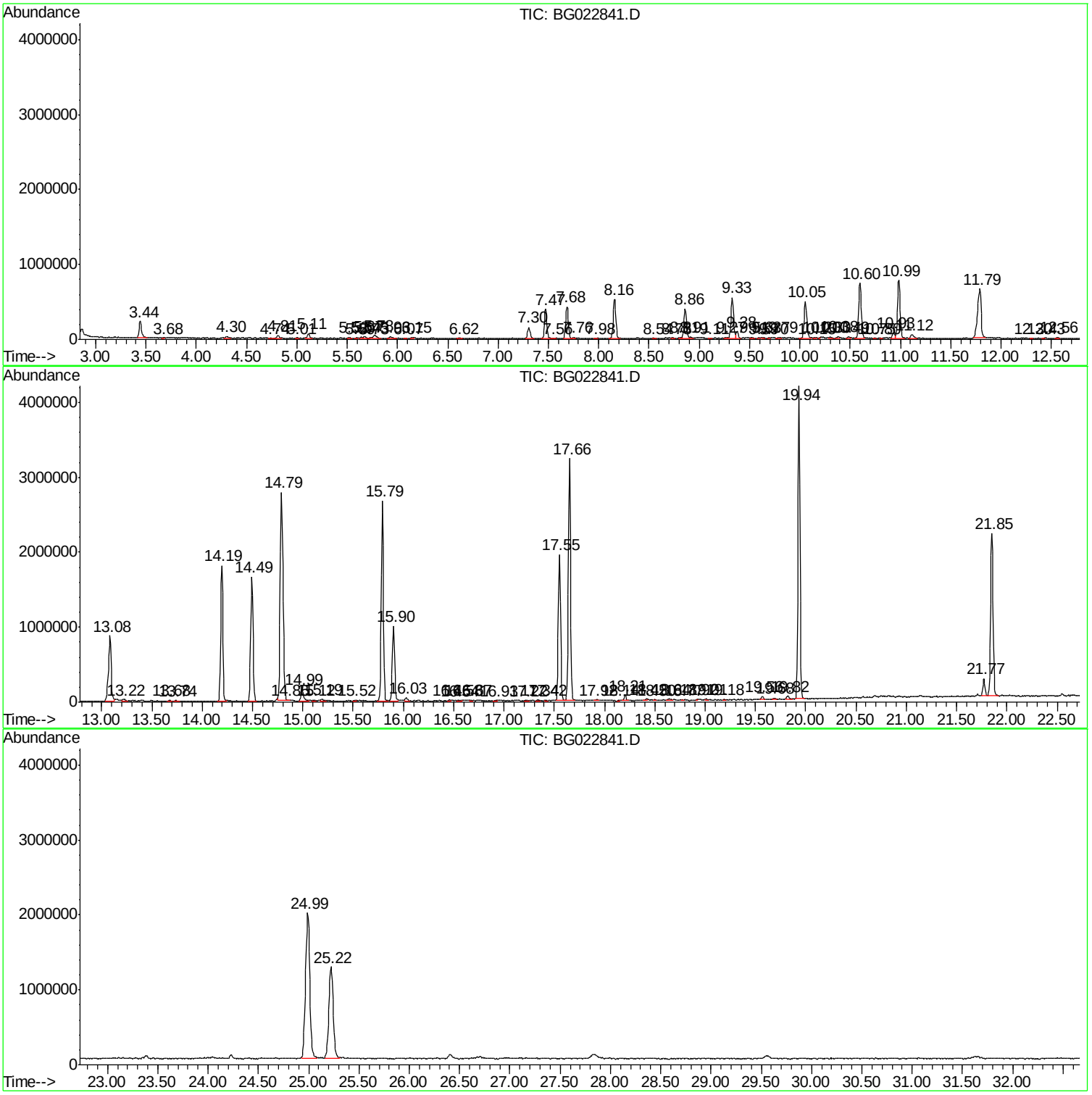
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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



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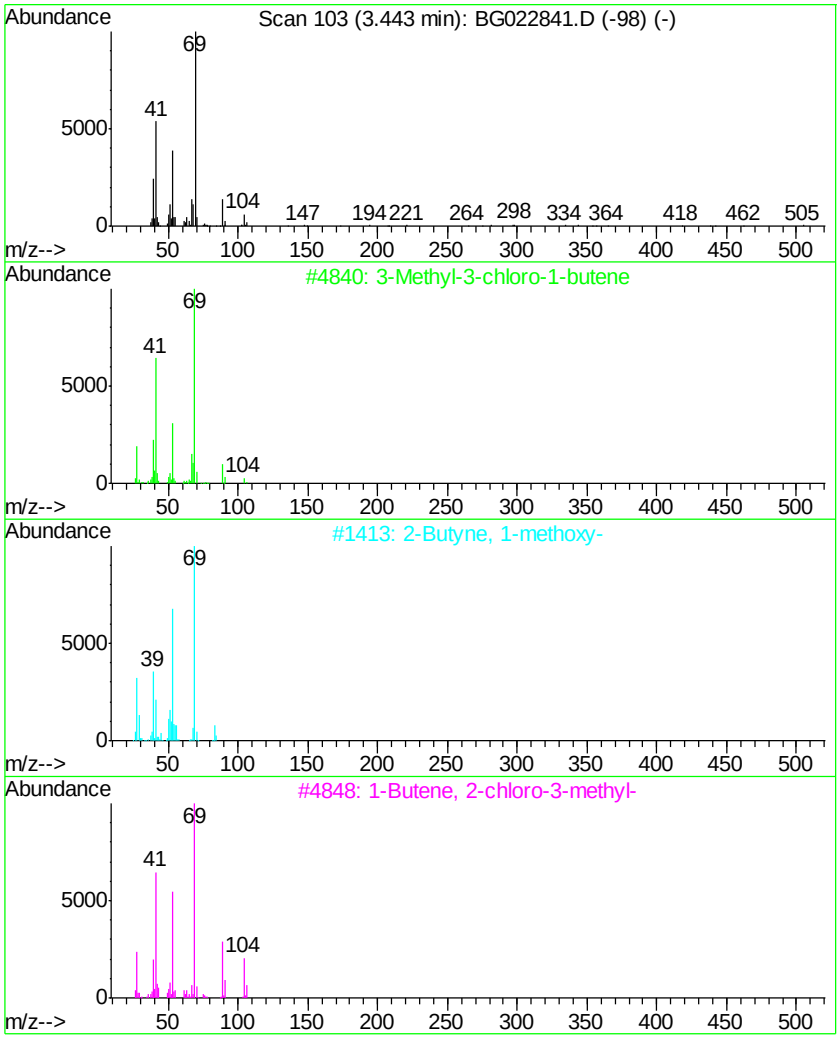
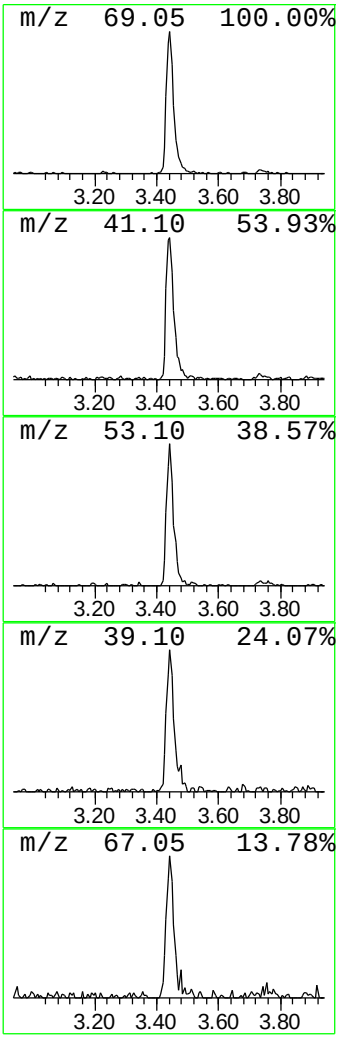
****

Peak Number 1 3-Methyl-3-chloro-1-butene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.44	7.96 ng/ul	367159	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-3-chloro-1-butene	104	C5H9Cl	002190-48-9	78
2	2-Butyne, 1-methoxy-	84	C5H8O	002768-41-4	46
3	1-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-64-7	40
4	2-Butene, 2-chloro-3-methyl-	104	C5H9Cl	017773-65-8	40
5	1-Butene, 2-(chloromethyl)-	104	C5H9Cl	023010-02-8	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG070316\
Data File : BG022841.D
Acq On : 3 Jul 2016 23:12
Operator : UM/SJ
Sample : H3844-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHY8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

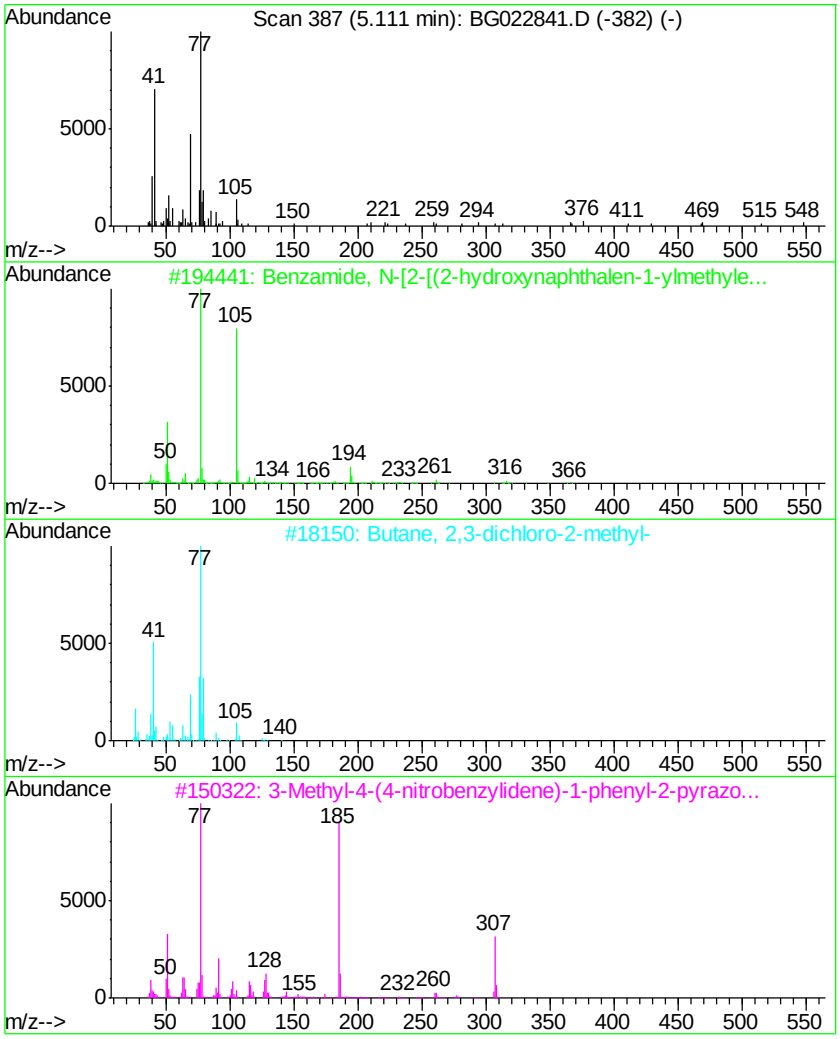
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

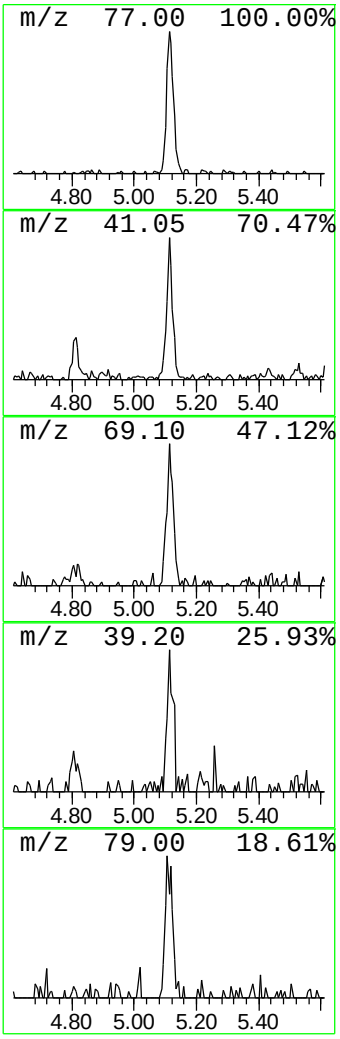
****

Peak Number 2 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.11	2.18 ng/ul	100724	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzamide, N-[2-[(2-hydroxynapht...	366	C24H18N2O2	1000295-56-5	36
2	Butane, 2,3-dichloro-2-methyl-	140	C5H10Cl2	000507-45-9	17
3	3-Methyl-4-(4-nitrobenzylidene)-...	307	C17H13N3O3	068901-70-2	12
4	(4-Chloro-3-nitrophenyl)methanol...	411	C15H11ClF5NO3Si	1000368-74-7	10
5	Propane, 1,1-dichloro-	112	C3H6Cl2	000078-99-9	9





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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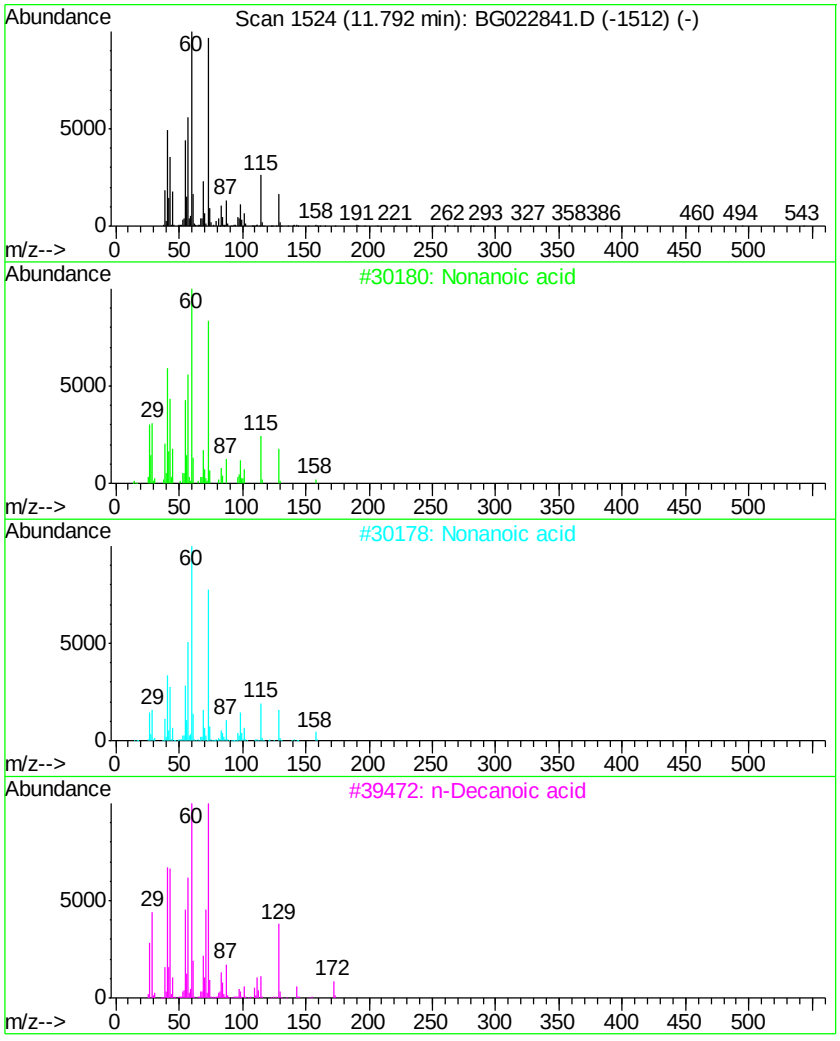
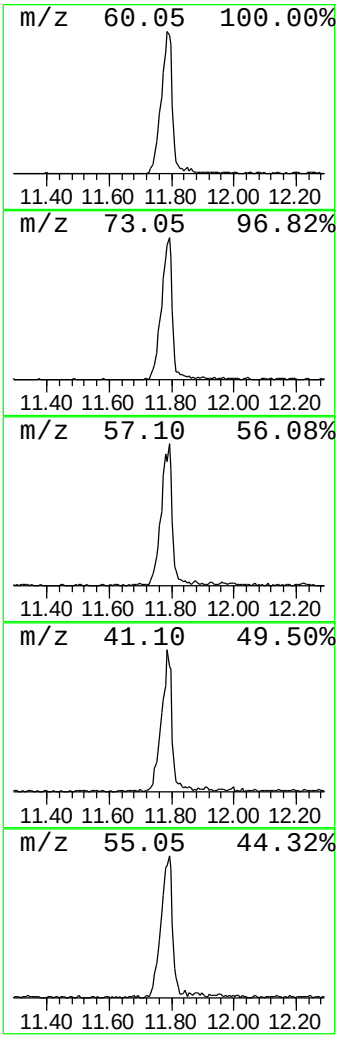
Peak Number 3 Nonanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	23.19 ng/ul	1613250	Naphthalene-d8	10.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonanoic acid	158	C9H18O2	000112-05-0	90
2	Nonanoic acid	158	C9H18O2	000112-05-0	86
3	n-Decanoic acid	172	C10H20O2	000334-48-5	72
4	n-Decanoic acid	172	C10H20O2	000334-48-5	72
5	12-Bromododecanoic acid	278	C12H23BrO2	073367-80-3	64





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Instrument : BNA_G
ClientSampleId : BDHY8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION

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

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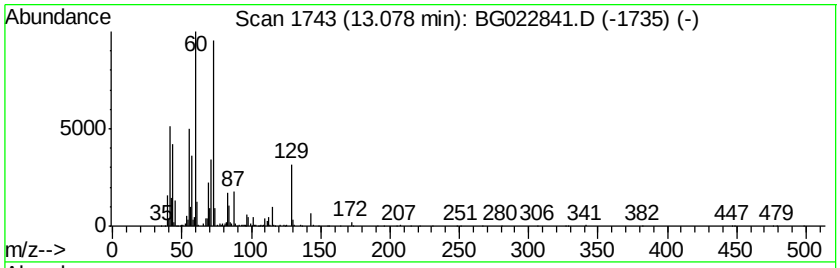
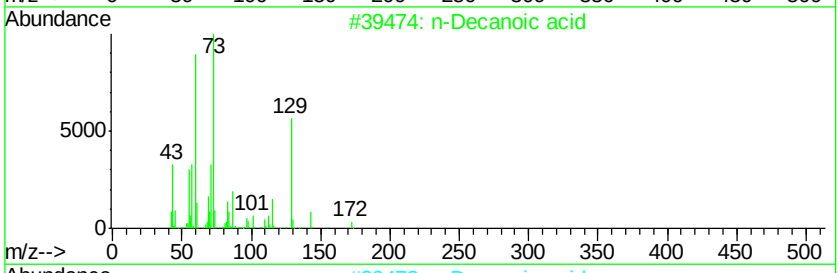
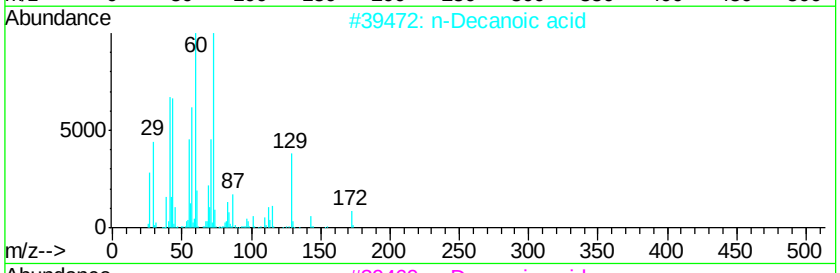
Peak Number 4 n-Decanoic acid Concentration Rank 3

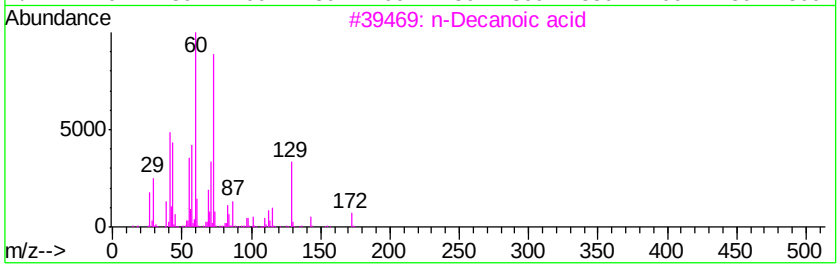
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	6.02 ng/ul	1679620	Acenaphthene-d10	14.80

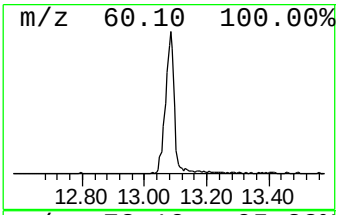
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Decanoic acid	172	C10H20O2	000334-48-5	97
2	n-Decanoic acid	172	C10H20O2	000334-48-5	90
3	n-Decanoic acid	172	C10H20O2	000334-48-5	90
4	n-Decanoic acid	172	C10H20O2	000334-48-5	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64

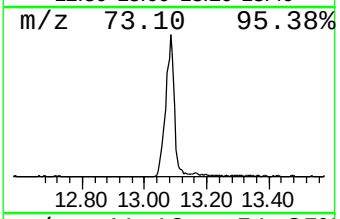


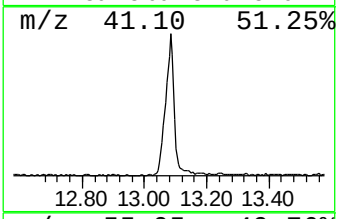


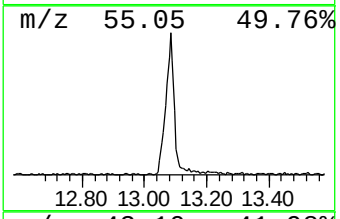


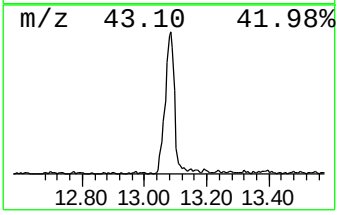












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070316\
Data File : BG022841.D
Acq On : 3 Jul 2016 23:12
Operator : UM/SJ
Sample : H3844-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDHY8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG063016.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
3-Methyl-3-chloro...	3.44	8.0	ng/ul	367159	1	8.16	923033	20.0
unknown-01	5.11	2.2	ng/ul	100724	1	8.16	923033	20.0
Nonanoic acid	11.79	23.2	ng/ul	1613250	2	10.99	1391210	20.0
n-Decanoic acid	13.08	6.0	ng/ul	1679620	3	14.80	5575860	20.0