LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG012517\
Data File : BG025648.D
Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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	2.928	11	15	25	rVB3	37089	74567	3.85%	0.304%
2	3.022	25	31	33	rBV4	21837	33833	1.75%	0.138%
3	3.069	34	39	47	rVB	120299	178825	9.24%	0.728%
4	3.152	50	53	56	rBV3	42501	50946	2.63%	0.207%
5	3.187	57	59	65	rVB4	22871	28311	1.46%	0.115%
6	3.275	71	74	85	rVB7	13888	33476	1.73%	0.136%
7	3.422	97	99	103	rVB5	8462	7815	0.40%	0.032%
8	3.516	109	115	123	rVB9	15003	34918	1.80%	0.142%
9	4.015	195	200	204	rBV3	58123	95319	4.93%	0.388%
10	4.174	222	227	229	rVB5	5909	7687	0.40%	0.031%
11	4.368	257	260	262	rVB3	5797	7104	0.37%	0.029%
12	4.656	306	309	318	rVB6	8437	16813	0.87%	0.068%
13	4.756	322	326	332	rBV5	7087	19366	1.00%	0.079%
14	4.850	334	342	348	rVB8	8967	20934	1.08%	0.085%
15	4.914	348	353	358	rVB6	6024	10444	0.54%	0.043%
16	5.079	376	381	384	rBV5	10692	16839	0.87%	0.069%
17	5.243	405	409	412	rVV3	5686	8994	0.46%	0.037%
18	5.273	412	414	416	rVV2	7163	7339	0.38%	0.030%
19	5.420	434	439	440	rBV4	7236	8849	0.46%	0.036%
20	5.525	453	457	463	rVB5	6808	12213	0.63%	0.050%
21	5.596	463	469	474	rVB5	10458	16803	0.87%	0.068%
22	5.749	489	495	502	rVV2	15725	32871	1.70%	0.134%
23	5.913	521	523	528	rBV4	7402	7971	0.41%	0.032%
24	6.230	575	577	580	rVB4	7833	8044	0.42%	0.033%
25	6.272	580	584	588	rBV5	6410	12242	0.63%	0.050%
26	6.377	595	602	607	rBV7	11330	26501	1.37%	0.108%
27	6.424	607	610	613	rVB5	5907	7603	0.39%	0.031%
28	6.460	613	616	623	rBV7	10317	24998	1.29%	0.102%
29	6.630	640	645	653	rBV3	20006	41425	2.14%	0.169%
30	6.724	653	661	670	rBV3	22790	54148	2.80%	0.220%
31	6.812	673	676	681	rBV6	5677	10680	0.55%	0.043%
32	6.871	681	686	689	rVB7	8562	13118	0.68%	0.053%
33	6.936	692	697	702	rVB6	15913	24465	1.26%	0.100%
34	6.977	702	704	709	rVB5	8007	11859	0.61%	0.048%

LSC Area Percent Report

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Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

35	7.035	709	714	721	rBV5	7476	21340	1.10%	0.087%
36	7.112	723	727	732	rVB7	11620	24418	1.26%	0.099%
37	7.194	732	741	743	rBV5	6115	15550	0.80%	0.063%
38	7.282	753	756	760	rVV6	5479	7873	0.41%	0.032%
39	7.341	760	766	785	rVV2	192934	490466	25.35%	1.997%
40	7.494	785	792	801	rVB	139636	253332	13.09%	1.031%
41	7.705	821	828	840	rBV	190638	380577	19.67%	1.549%
42	7.964	865	872	874	rBV5	6622	8888	0.46%	0.036%
43	8.022	879	882	888	rVB5	5511	7459	0.39%	0.030%
44	8.175	901	908	922	rVV	313703	604694	31.26%	2.462%
45	8.363	934	940	945	rVB6	6685	10811	0.56%	0.044%
46	8.469	954	958	961	rVB3	7213	9783	0.51%	0.040%
47	8.504	961	964	966	rBV3	6770	9207	0.48%	0.037%
48	8.822	1012	1018	1019	rBV4	5899	10268	0.53%	0.042%
49	8.898	1023	1031	1046	rBV2	186146	440930	22.79%	1.795%
50	9.109	1064	1067	1073	rBV5	7201	12207	0.63%	0.050%
51	9.362	1100	1110	1124	rBV2	207421	430967	22.28%	1.755%
52	9.673	1156	1163	1169	rBV5	11070	20689	1.07%	0.084%
53	9.856	1193	1194	1200	rBV3	4606	7484	0.39%	0.030%
54	10.091	1225	1234	1245	rBV2	186002	399117	20.63%	1.625%
55	10.643	1321	1328	1345	rBV	214608	555192	28.70%	2.260%
56	10.802	1352	1355	1360	rVB6	7172	10734	0.55%	0.044%
57	10.913	1373	1374	1379	rVB3	7240	8676	0.45%	0.035%
58	11.001	1381	1389	1399	rBV2	485780	909426	47.01%	3.702%
59	11.166	1407	1417	1432	rBV2	97486	292768	15.13%	1.192%
60	11.642	1495	1498	1504	rVB6	4945	9641	0.50%	0.039%
61	11.701	1504	1508	1511	rBV3	4676	8598	0.44%	0.035%
62	11.894	1535	1541	1546	rVB4	8188	12089	0.62%	0.049%
63	11.959	1546	1552	1557	rBV6	7730	12945	0.67%	0.053%
64	12.006	1557	1560	1563	rBV3	5419	7968	0.41%	0.032%
65	12.276	1604	1606	1610	rVB4	5722	7102	0.37%	0.029%
66	12.517	1639	1647	1649	rVB6	4485	8004	0.41%	0.033%
67	12.746	1684	1686	1691	rVB2	5355	7411	0.38%	0.030%
68	12.829	1696	1700	1702	rBV2	5686	8063	0.42%	0.033%
69	12.940	1718	1719	1726	rVV6	5500	8761	0.45%	0.036%
70	13.387	1791	1795	1800	rBV6	8398	13994	0.72%	0.057%
71	13.569	1823	1826	1831	rBV7	7399	14546	0.75%	0.059%

LSC Area Percent Report

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Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Title : SVOA CALIBRATION

72	14.121	1915	1920	1922	rVB4	5170	9592	0.50%	0.039%
73	14.203	1926	1934	1939	rVV	551620	875237	45.24%	3.563%
74	14.250	1939	1942	1951	rVB3	80996	137180	7.09%	0.558%
75	14.503	1979	1985	1993	rBV	619330	1022943	52.88%	4.165%
76	14.644	2006	2009	2015	rVB6	15678	23544	1.22%	0.096%
77	14.809	2029	2037	2045	rBV	847436	1359586	70.28%	5.535%
78	15.067	2072	2081	2098	rBV2	101821	365638	18.90%	1.489%
79	15.590	2166	2170	2177	rVB2	38764	54329	2.81%	0.221%
80	15.713	2186	2191	2192	rBV5	5779	7790	0.40%	0.032%
81	15.796	2197	2205	2220	rBV	846066	1353142	69.94%	5.509%
82	15.948	2224	2231	2243	rBV2	186864	412492	21.32%	1.679%
83	16.042	2244	2247	2251	rVB6	20255	22204	1.15%	0.090%
84	16.272	2284	2286	2289	rBV4	12540	12142	0.63%	0.049%
85	16.454	2312	2317	2325	rBV4	53269	114408	5.91%	0.466%
86	16.724	2359	2363	2364	rBV3	10200	11719	0.61%	0.048%
87	17.030	2411	2415	2418	rBV6	11602	22206	1.15%	0.090%
88	17.241	2448	2451	2456	rVB2	36021	43597	2.25%	0.177%
89	17.288	2456	2459	2465	rBV5	32659	44578	2.30%	0.181%
90	17.552	2498	2504	2513	rVB2	1023174	1588978	82.13%	6.469%
91	17.652	2514	2521	2529	rVB2	847376	1366776	70.65%	5.564%
92	17.981	2575	2577	2583	rVB6	28381	32005	1.65%	0.130%
93	18.393	2643	2647	2653	rBV8	54459	93675	4.84%	0.381%
94	18.622	2684	2686	2691	rVB6	21405	23039	1.19%	0.094%
95	19.791	2879	2885	2895	rBV	1136347	1356034	70.09%	5.521%
96	19.932	2903	2909	2918	rBV	1166917	1766059	91.29%	7.190%
97	20.825	3056	3061	3067	rVB	942735	1051147	54.33%	4.279%
98	21.842	3229	3234	3246	rVB	1085379	1934614	100.00%	7.876%
99	25.003	3764	3772	3783	rBV3	588350	1620839	83.78%	6.599%
100	25.232	3804	3811	3822	rVB3	611425	1808590	93.49%	7.363%

Sum of corrected areas: 24563381

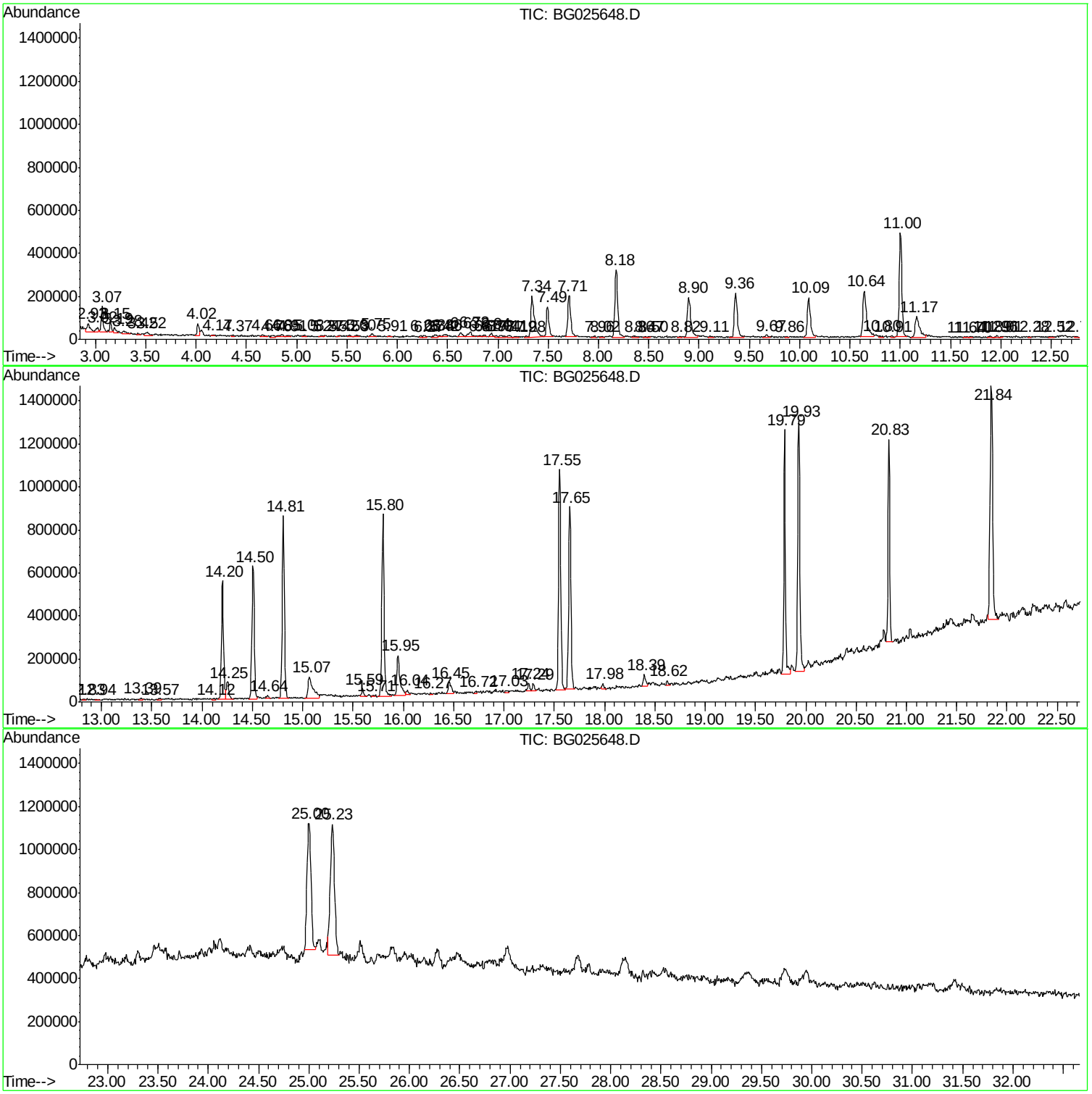
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\Data\BG012517\
Data File : BG025648.D
Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\Data\BG012517\
Data File : BG025648.D
Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

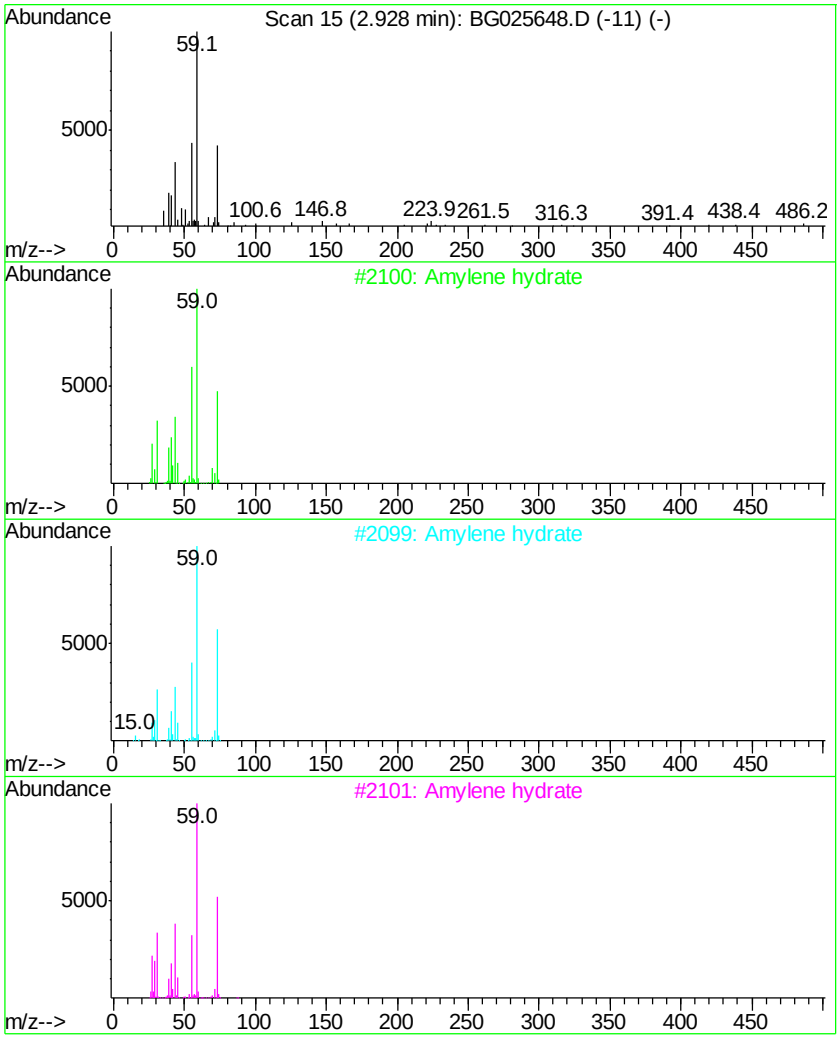
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

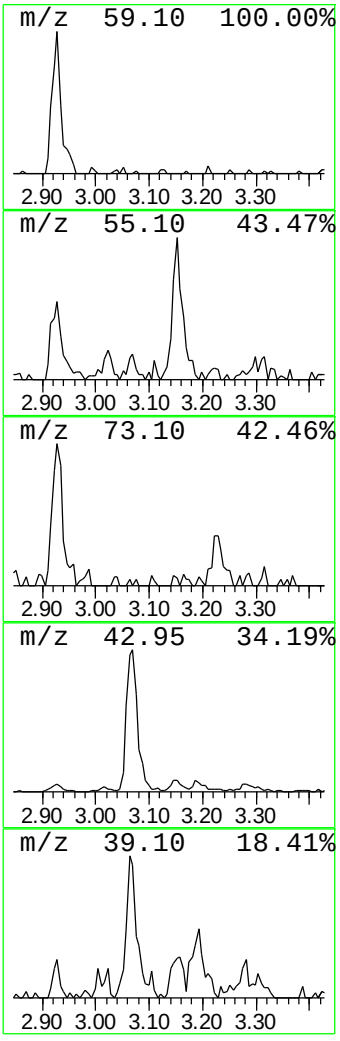
****

Peak Number 1 Amylene hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	2.47 ng/ul	74567	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Amylene hydrate	88	C5H12O	000075-85-4	53
2	Amylene hydrate	88	C5H12O	000075-85-4	53
3	Amylene hydrate	88	C5H12O	000075-85-4	42
4	2-Octanol, 2,6-dimethyl-	158	C10H22O	018479-57-7	38
5	1-Propanol, 2-(2-methoxypropoxy)-	148	C7H16O3	013588-28-8	36





Data Path : Z:\HPCHEM1\BNA G\Data\BG012517\
Data File : BG025648.D
Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

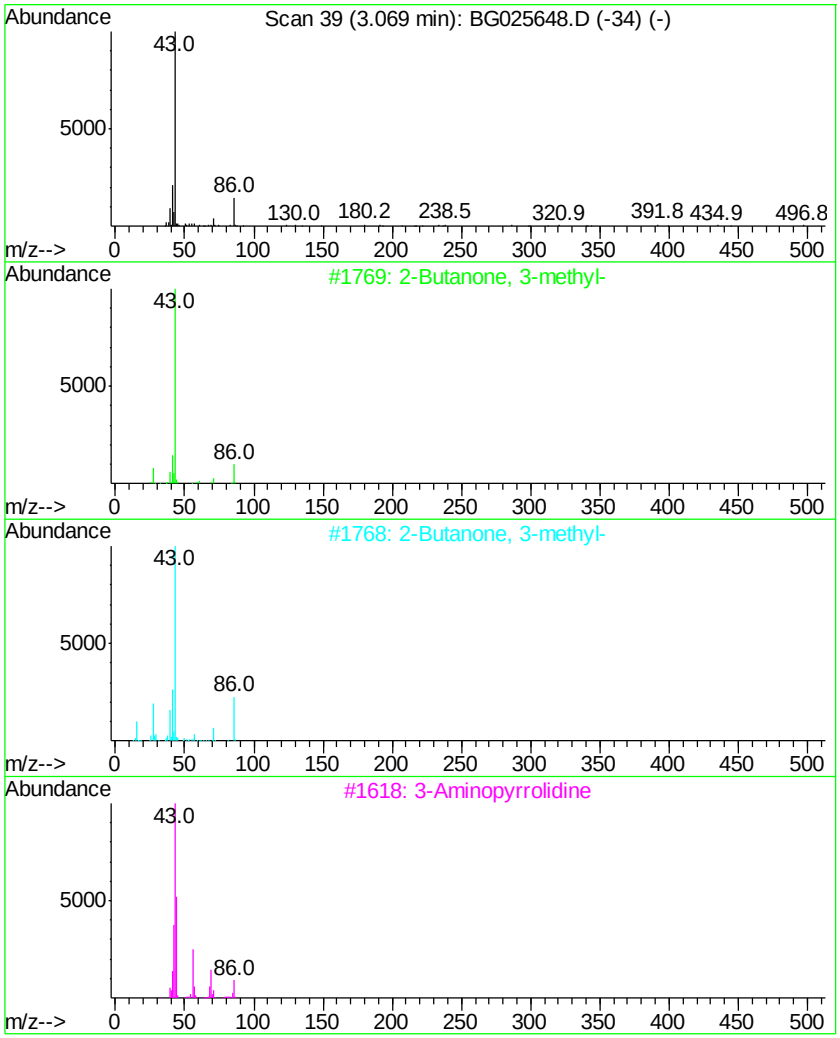
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

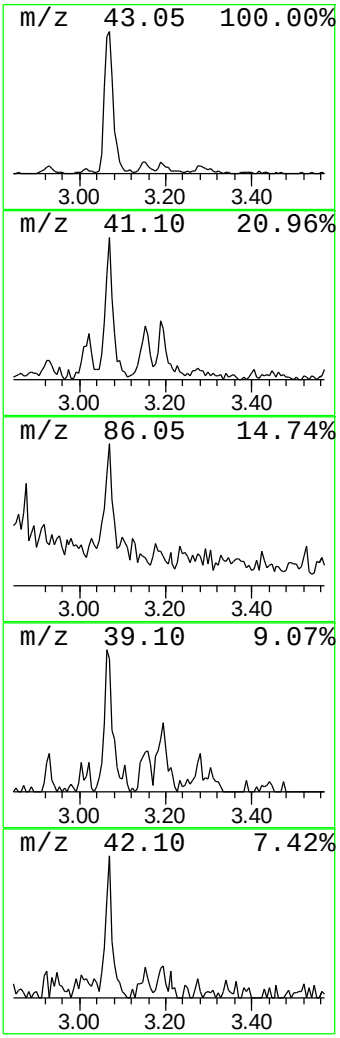
****

Peak Number 2 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	5.91 ng/ul	178825	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	38
2	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	38
3	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	28
4	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	27
5	Acetic acid ethenyl ester	86	C4H6O2	000108-05-4	9





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

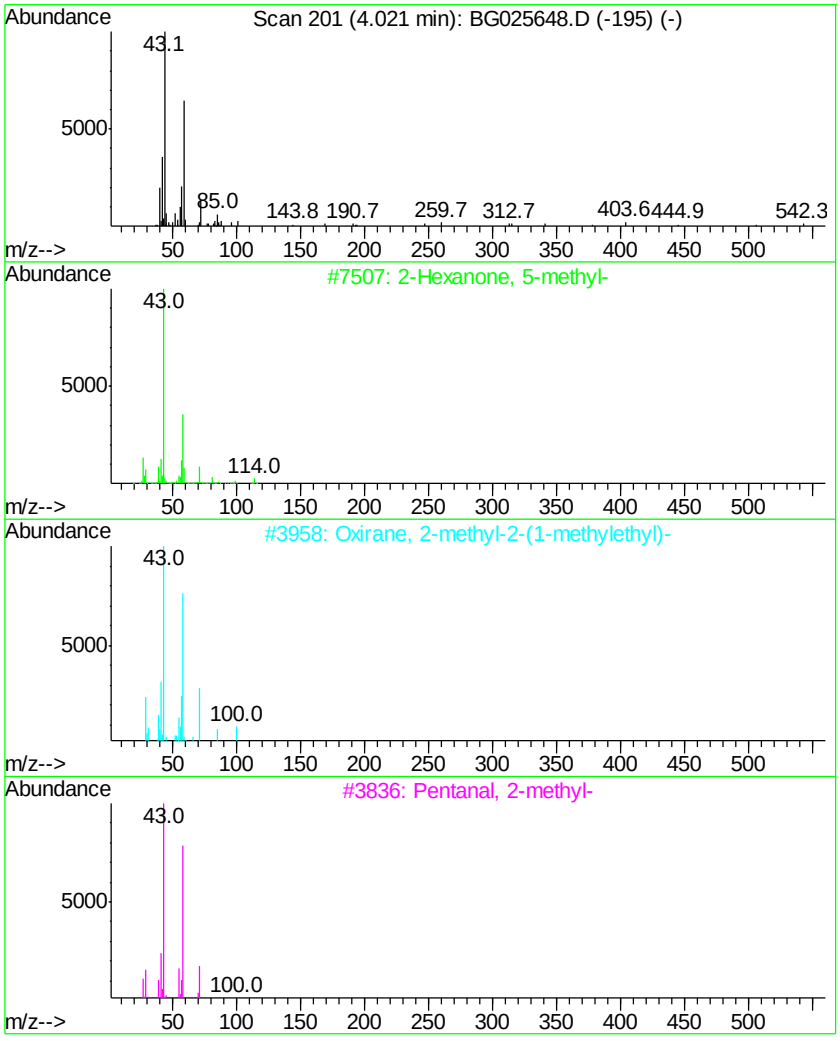
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

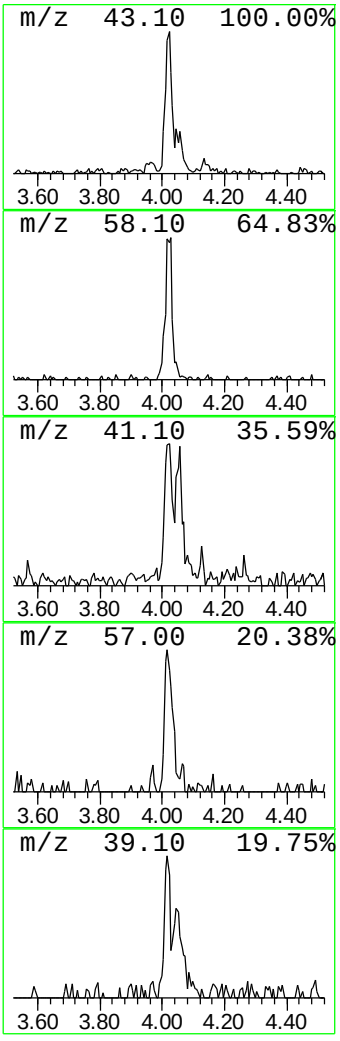
****

Peak Number 3 2-Hexanone, 5-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.15 ng/ul	95319	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	59
2	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	59
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	47
4	2-Nonanone	142	C9H18O	000821-55-6	47
5	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	47





Data Path : Z:\HPCHEM1\BNA G\Data\BG012517\
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Acq On : 26 Jan 2017 00:55
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Sample : I1362-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

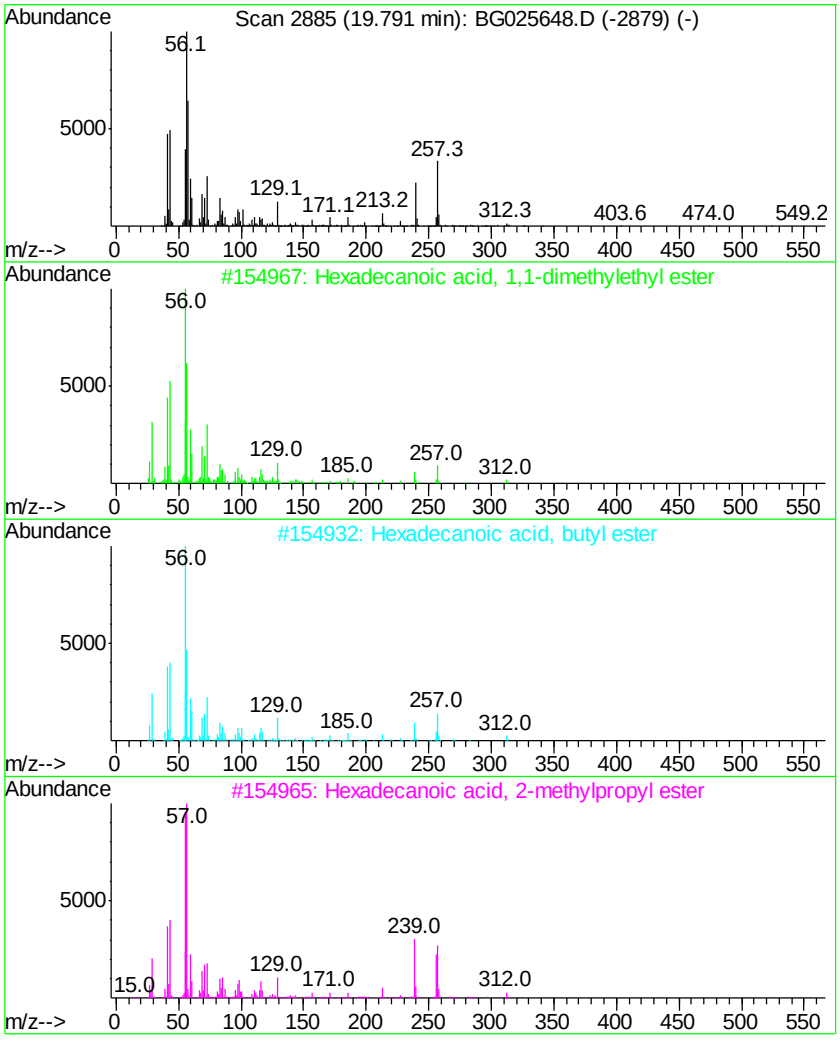
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

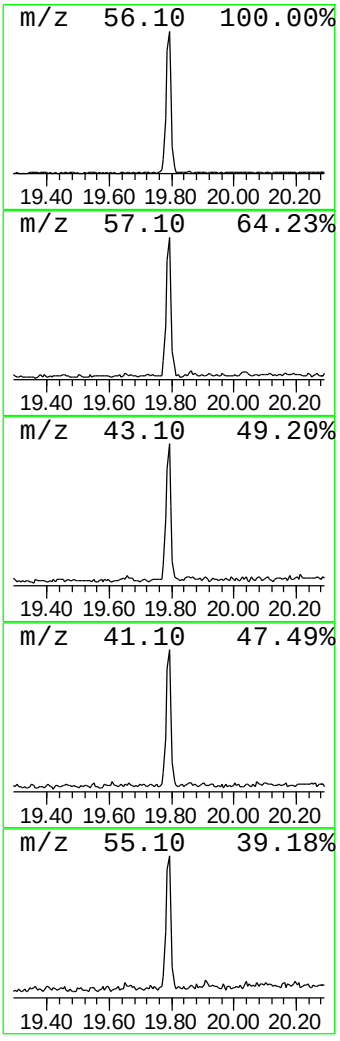
****

Peak Number 4 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	14.02 ng/ul	1356030	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	93
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	74
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	70
4	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	46
5	2,4-Dipropyl-5-ethyl-1,3-dioxane	200	C12H24O2	006413-83-8	32





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN35

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION

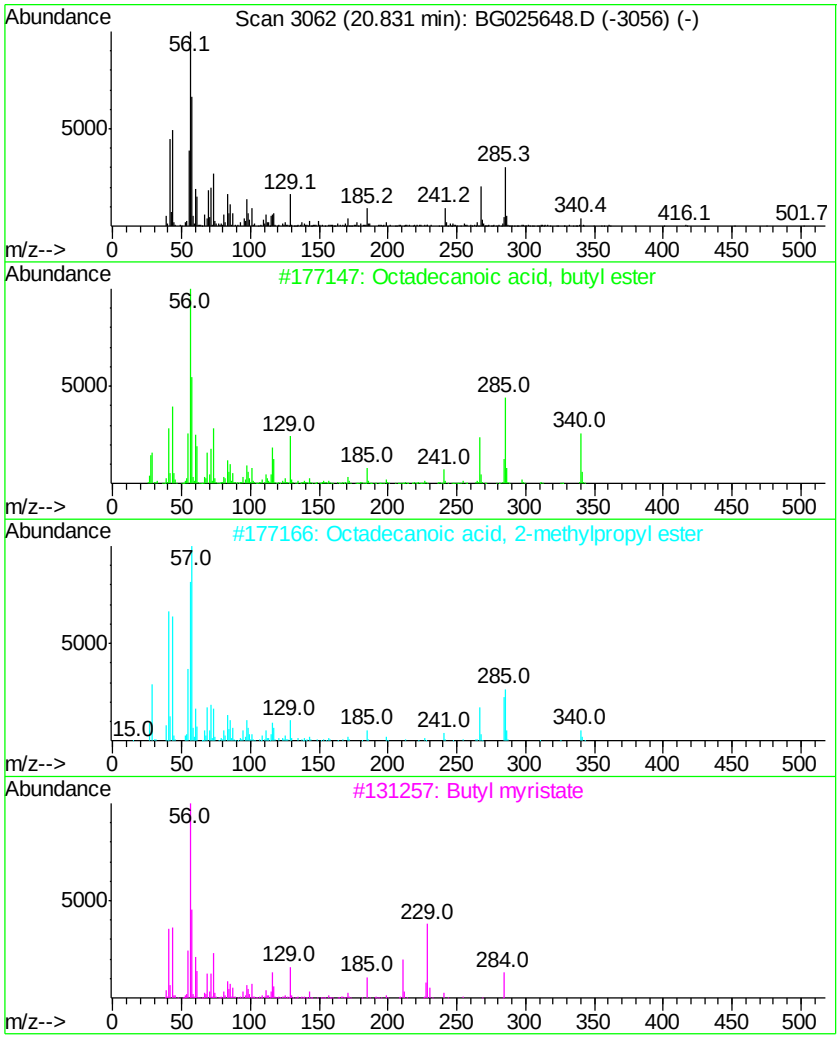
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

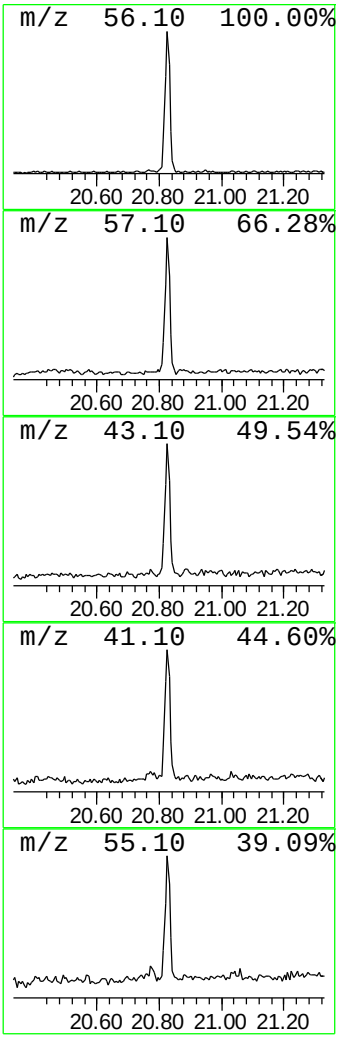
****

Peak Number 5 Octadecanoic acid, butyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	10.87 ng/ul	1051150	Chrysene-d12	21.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	90
2	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	70
3	Butyl myristate	284	C18H36O2	000110-36-1	64
4	Octadecanoic acid	284	C18H36O2	000057-11-4	42
5	Docosanoic acid	340	C22H44O2	000112-85-6	42





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG012517\
Data File : BG025648.D
Acq On : 26 Jan 2017 00:55
Operator : SJ/MA
Sample : I1362-16
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.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
Amylene hydrate	2.93	2.5	ng/ul	74567	1	8.18	604694	20.0
unknown-01	3.07	5.9	ng/ul	178825	1	8.18	604694	20.0
2-Hexanone, 5-met...	4.02	3.1	ng/ul	95319	1	8.18	604694	20.0
Hexadecanoic acid...	19.79	14.0	ng/ul	1356030	5	21.84	1934610	20.0
Octadecanoic acid...	20.83	10.9	ng/ul	1051150	5	21.84	1934610	20.0