LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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	20	rVB3	37706	49859	2.47%	0.171%
2	3.016	26	30	35	rVB5	17409	29987	1.48%	0.103%
3	3.069	35	39	48	rVB	149448	205881	10.19%	0.707%
4	3.152	48	53	57	rBV7	47601	77309	3.82%	0.265%
5	3.193	57	60	64	rVB5	24995	33411	1.65%	0.115%
6	3.281	70	75	87	rVB7	23595	55383	2.74%	0.190%
7	3.510	110	114	117	rBV6	9896	11501	0.57%	0.039%
8	3.945	184	188	191	rVB5	7825	9887	0.49%	0.034%
9	4.021	195	201	204	rBV2	69528	110158	5.45%	0.378%
10	4.127	215	219	223	rBV6	8288	16544	0.82%	0.057%
11	4.521	282	286	289	rVB5	5253	9571	0.47%	0.033%
12	4.556	289	292	295	rBV4	6239	8494	0.42%	0.029%
13	4.656	305	309	316	rVB7	8450	13677	0.68%	0.047%
14	4.779	326	330	335	rVB5	5711	8525	0.42%	0.029%
15	4.861	339	344	349	rBV6	10579	23803	1.18%	0.082%
16	5.008	368	369	376	rBV6	9016	16700	0.83%	0.057%
17	5.079	376	381	390	rVV8	10457	25815	1.28%	0.089%
18	5.179	396	398	402	rVB3	6219	8586	0.42%	0.029%
19	5.231	402	407	413	rBV4	10463	23574	1.17%	0.081%
20	5.325	419	423	431	rVB8	9104	20399	1.01%	0.070%
21	5.437	438	442	447	rVB4	6925	10825	0.54%	0.037%
22	5.596	464	469	480	rVB6	11677	30870	1.53%	0.106%
23	5.749	488	495	504	rBV2	19258	53997	2.67%	0.185%
24	5.919	522	524	533	rVB7	6920	12785	0.63%	0.044%
25	6.101	551	555	557	rBV2	7197	8788	0.43%	0.030%
26	6.283	578	586	594	rVB2	6388	17200	0.85%	0.059%
27	6.377	599	602	606	rBV3	14722	19142	0.95%	0.066%
28	6.477	615	619	624	rVB7	14340	19923	0.99%	0.068%
29	6.630	639	645	651	rVB6	28206	51349	2.54%	0.176%
30	6.730	653	662	670	rBV6	30400	67340	3.33%	0.231%
31	6.859	681	684	690	rVB7	10662	20067	0.99%	0.069%
32	6.930	691	696	700	rBV6	17232	25860	1.28%	0.089%
33	6.982	703	705	710	rVB5	10984	13160	0.65%	0.045%
34	7.035	710	714	720	rBV7	8414	17373	0.86%	0.060%

LSC Area Percent Report

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Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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	7.112	723	727	734	rBV4	10334	22108	1.09%	0.076%
36	7.170	734	737	742	rVB5	6568	9458	0.47%	0.032%
37	7.341	759	766	782	rBV2	271058	658970	32.60%	2.262%
38	7.494	786	792	804	rVB	201774	346215	17.13%	1.188%
39	7.576	804	806	812	rVB7	6983	11346	0.56%	0.039%
40	7.705	821	828	837	rBV2	265938	507198	25.09%	1.741%
41	7.846	850	852	860	rVB5	9111	15234	0.75%	0.052%
42	7.922	860	865	869	rBV3	5187	12057	0.60%	0.041%
43	8.116	894	898	900	rVV4	8568	9821	0.49%	0.034%
44	8.175	900	908	917	rVV	398460	731992	36.21%	2.512%
45	8.804	1010	1015	1016	rBV4	4563	8001	0.40%	0.027%
46	8.892	1020	1030	1047	rBV	265078	597421	29.56%	2.050%
47	9.027	1047	1053	1057	rVV6	13241	24444	1.21%	0.084%
48	9.133	1065	1071	1073	rBV6	5781	8695	0.43%	0.030%
49	9.362	1100	1110	1123	rBV	280858	569546	28.18%	1.955%
50	9.673	1155	1163	1168	rBV7	14811	33983	1.68%	0.117%
51	10.085	1223	1233	1245	rBV3	262600	543844	26.91%	1.867%
52	10.226	1254	1257	1262	rVB6	5679	8696	0.43%	0.030%
53	10.267	1262	1264	1268	rVB3	7191	9962	0.49%	0.034%
54	10.296	1268	1269	1273	rBV3	7242	8407	0.42%	0.029%
55	10.637	1319	1327	1342	rBV2	330777	772947	38.24%	2.653%
56	10.848	1357	1363	1368	rVB9	5409	9449	0.47%	0.032%
57	11.001	1382	1389	1405	rBV	598610	1126088	55.71%	3.865%
58	11.166	1410	1417	1432	rBV4	83637	237407	11.75%	0.815%
59	11.565	1481	1485	1489	rBV6	5111	8429	0.42%	0.029%
60	11.624	1491	1495	1500	rVB4	5609	9431	0.47%	0.032%
61	11.900	1540	1542	1547	rVB4	8617	9189	0.45%	0.032%
62	11.965	1551	1553	1556	rBV4	7055	8130	0.40%	0.028%
63	12.006	1558	1560	1567	rBV8	8392	13852	0.69%	0.048%
64	12.182	1588	1590	1596	rVB6	6705	8280	0.41%	0.028%
65	12.317	1609	1613	1616	rBV4	5016	8499	0.42%	0.029%
66	12.593	1653	1660	1664	rBV9	8438	17341	0.86%	0.060%
67	12.640	1664	1668	1670	rVB4	8449	11561	0.57%	0.040%
68	13.069	1739	1741	1746	rBV4	5690	8941	0.44%	0.031%
69	13.246	1768	1771	1773	rBV4	8861	9415	0.47%	0.032%
70	13.304	1776	1781	1783	rVB5	8910	10514	0.52%	0.036%
71	13.428	1799	1802	1804	rVB3	8035	9194	0.45%	0.032%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

72	13.451	1804	1806	1808	rBV2	8399	8292	0.41%	0.028%
73	13.581	1825	1828	1833	rVB7	8107	11972	0.59%	0.041%
74	13.651	1833	1840	1848	rBV7	11791	32299	1.60%	0.111%
75	13.745	1855	1856	1864	rBV7	5765	8693	0.43%	0.030%
76	13.927	1884	1887	1891	rBV6	9529	10342	0.51%	0.035%
77	14.197	1924	1933	1938	rVV	724151	1131629	55.99%	3.884%
78	14.244	1938	1941	1953	rVB	152129	251392	12.44%	0.863%
79	14.421	1965	1971	1972	rBV6	6838	8919	0.44%	0.031%
80	14.509	1979	1986	1999	rBV	762482	1302379	64.43%	4.470%
81	14.644	2007	2009	2016	rVB6	16073	27232	1.35%	0.093%
82	14.808	2029	2037	2044	rBV	967540	1578859	78.11%	5.419%
83	15.055	2072	2079	2091	rBV3	147358	442285	21.88%	1.518%
84	15.590	2167	2170	2176	rVB2	49777	67636	3.35%	0.232%
85	15.796	2199	2205	2215	rBV	1050846	1661700	82.21%	5.703%
86	15.942	2224	2230	2242	rBV3	270105	535176	26.48%	1.837%
87	16.213	2273	2276	2279	rBV5	19573	25691	1.27%	0.088%
88	16.448	2312	2316	2325	rBV2	68074	153263	7.58%	0.526%
89	16.583	2338	2339	2342	rBV3	15131	14220	0.70%	0.049%
90	17.241	2447	2451	2456	rBV4	55209	80500	3.98%	0.276%
91	17.288	2456	2459	2464	rBV4	42747	66062	3.27%	0.227%
92	17.552	2497	2504	2513	rBV2	1165259	1783032	88.21%	6.120%
93	17.652	2514	2521	2531	rVB2	996676	1623299	80.31%	5.571%
94	18.393	2643	2647	2658	rBV8	108233	225463	11.15%	0.774%
95	19.791	2880	2885	2894	rBV	1393178	1669081	82.58%	5.728%
96	19.932	2903	2909	2918	rBV	1268254	1975751	97.75%	6.781%
97	20.825	3057	3061	3070	rBV	1099946	1345675	66.58%	4.618%
98	21.847	3229	3235	3242	rVB	1196993	2021267	100.00%	6.937%
99	25.008	3766	3773	3782	rVB2	642580	1843979	91.23%	6.329%
100	25.243	3808	3813	3825	rVB2	660776	1686800	83.45%	5.789%

Sum of corrected areas: 29136696

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
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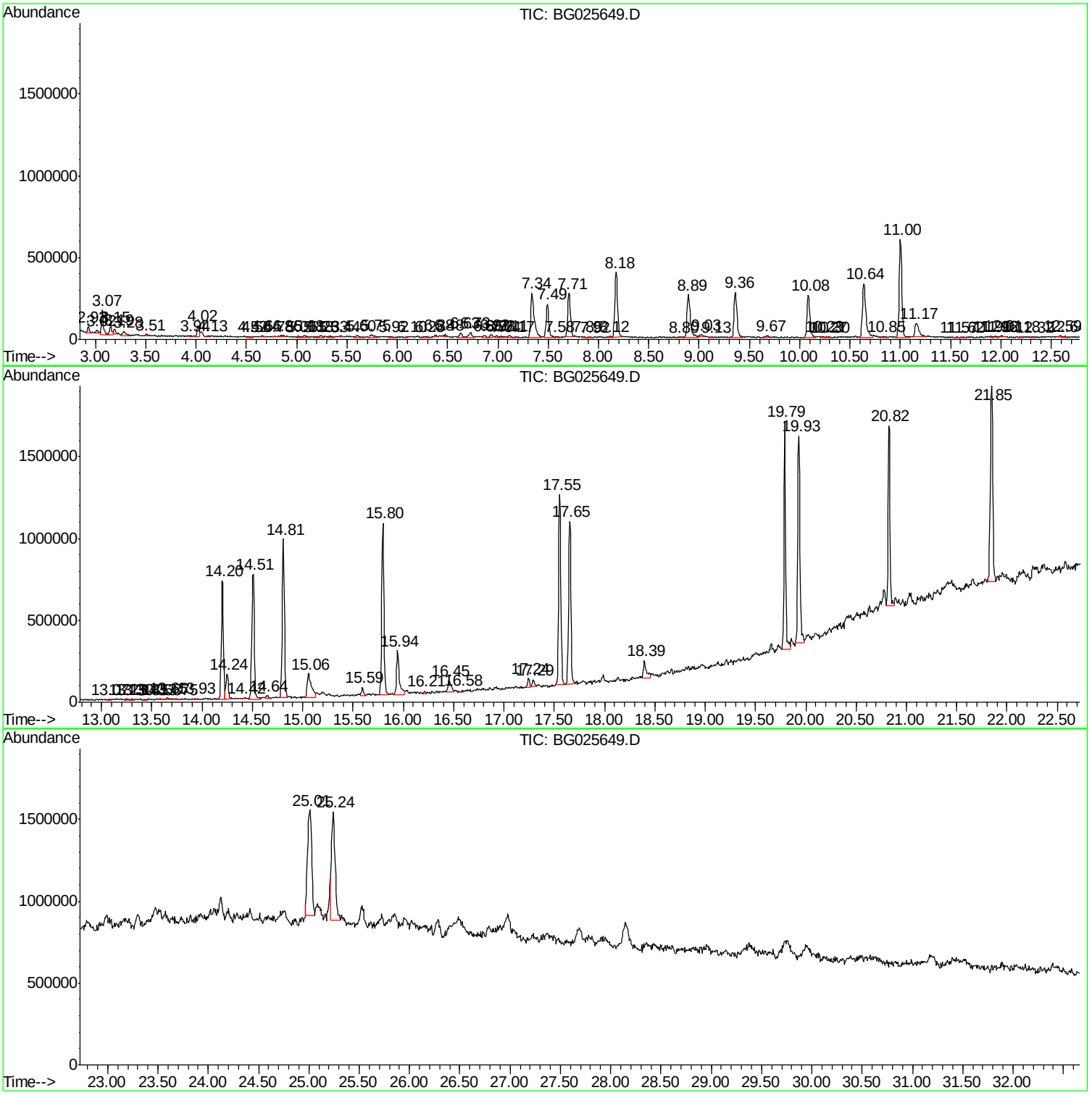
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BDN04

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\
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Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

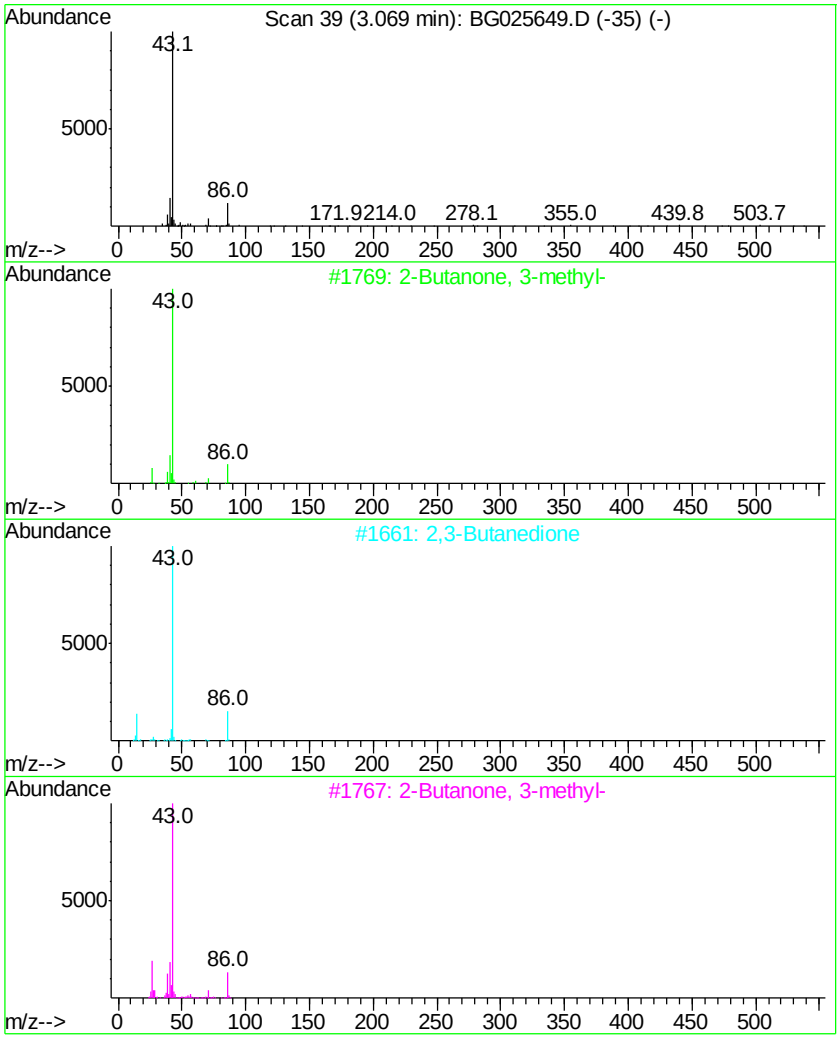
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

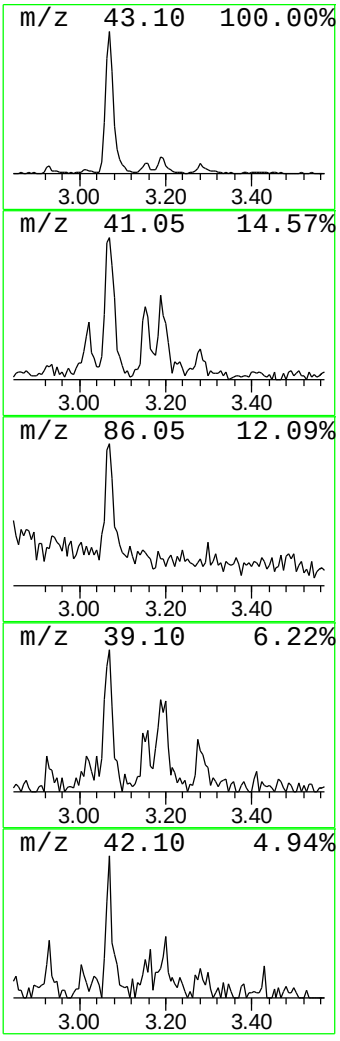
****

Peak Number 1 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.07	5.63 ng/ul	205881	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	49
2	2,3-Butanedione	86	C4H6O2	000431-03-8	38
3	2-Butanone, 3-methyl-	86	C5H10O	000563-80-4	27
4	3-Aminopyrrolidine	86	C4H10N2	079286-79-6	9
5	N,N'-di-t-Butylethylenediamine	172	C10H24N2	004062-60-6	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

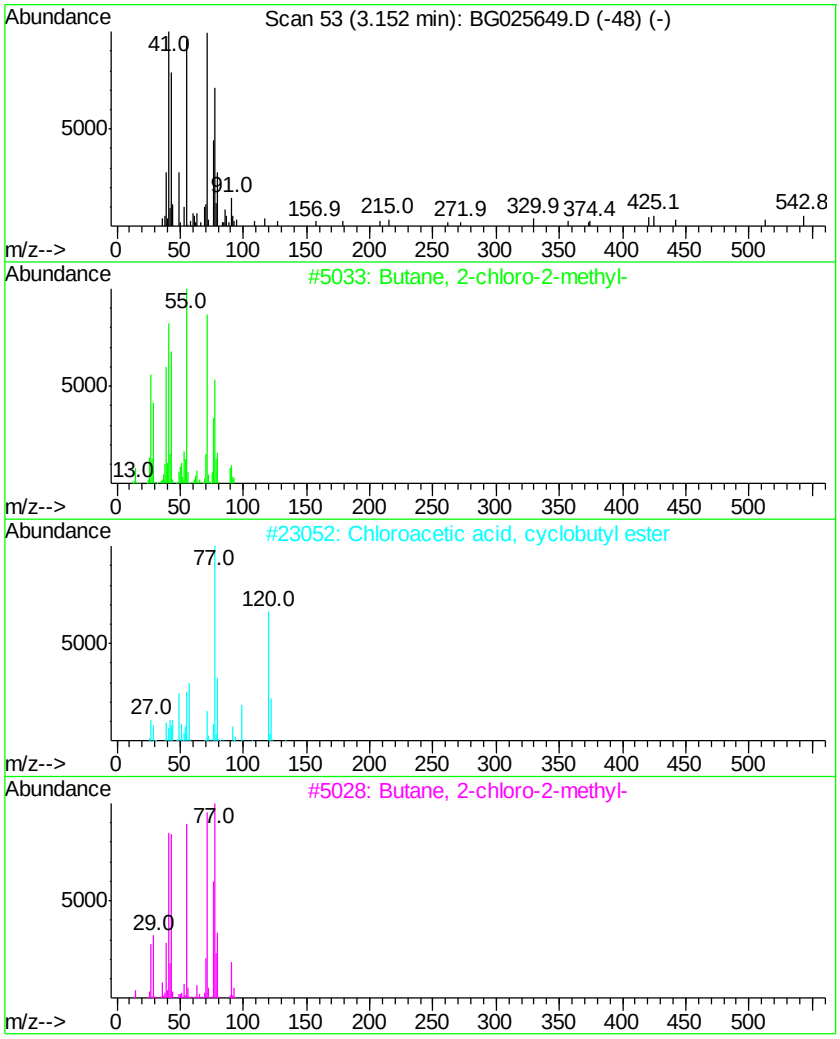
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

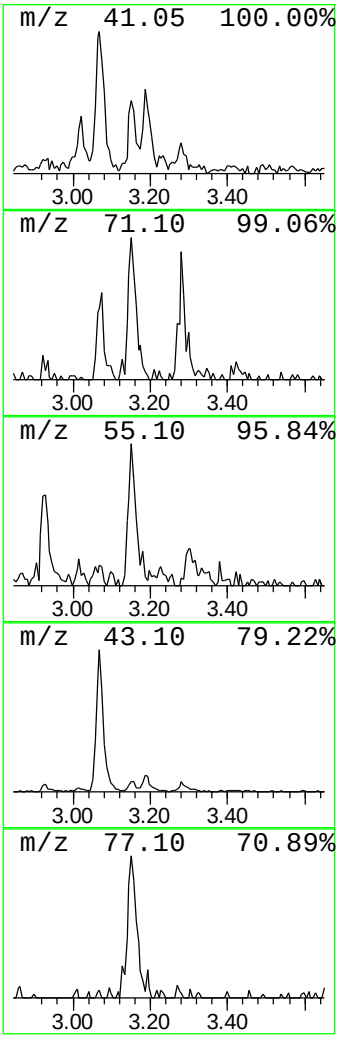
****

Peak Number 2 unknown-02 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	2.11 ng/ul	77309	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	47
2	Chloroacetic acid, cyclobutyl ester	148	C6H9ClO2	1000282-92-5	38
3	Butane, 2-chloro-2-methyl-	106	C5H11Cl	000594-36-5	35
4	1-Propanesulfonyl chloride, 3-ch...	176	C3H6Cl2O2S	001633-82-5	28
5	Acetyl chloride, chloro-	112	C2H2Cl2O	000079-04-9	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

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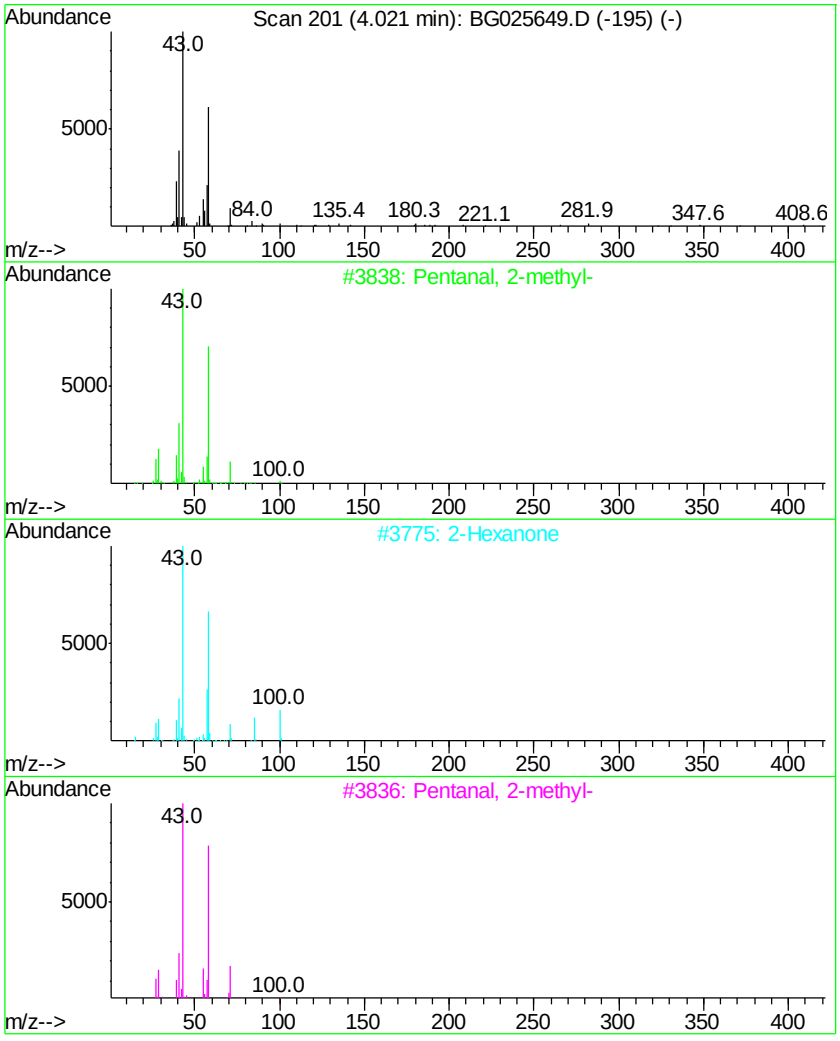
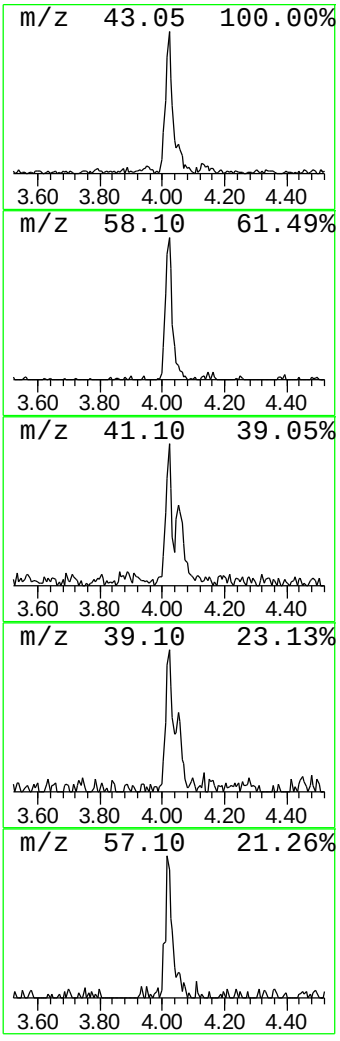
Peak Number 3 Pentanal, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.02	3.01 ng/ul	110158	1,4-Dichlorobenzene-d4	8.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	64
2	2-Hexanone	100	C6H12O	000591-78-6	50
3	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	50
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	40
5	2-Hexanone	100	C6H12O	000591-78-6	39





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

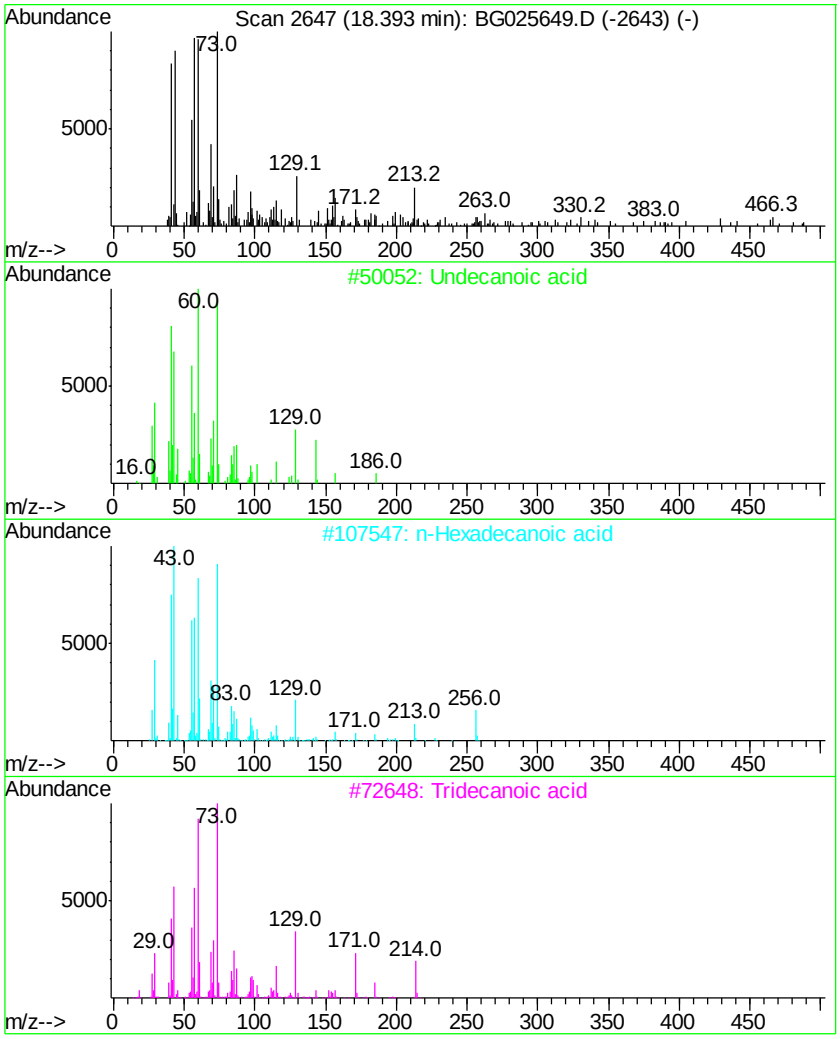
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

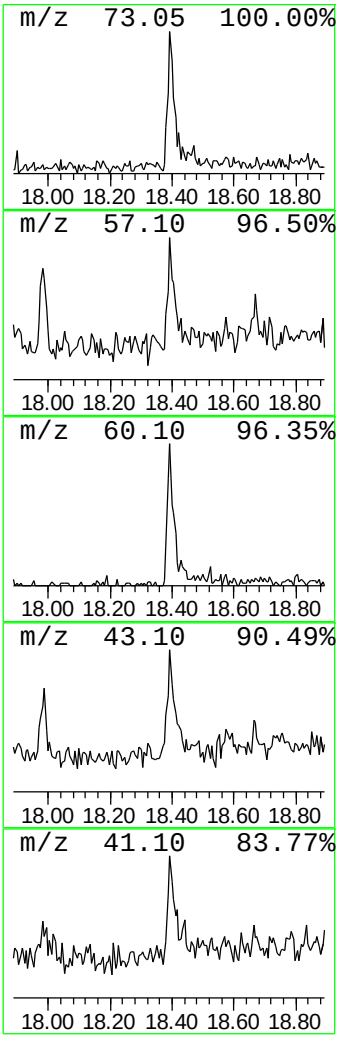
****

Peak Number 4 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.39	2.53 ng/ul	225463	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	76
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	62
4	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

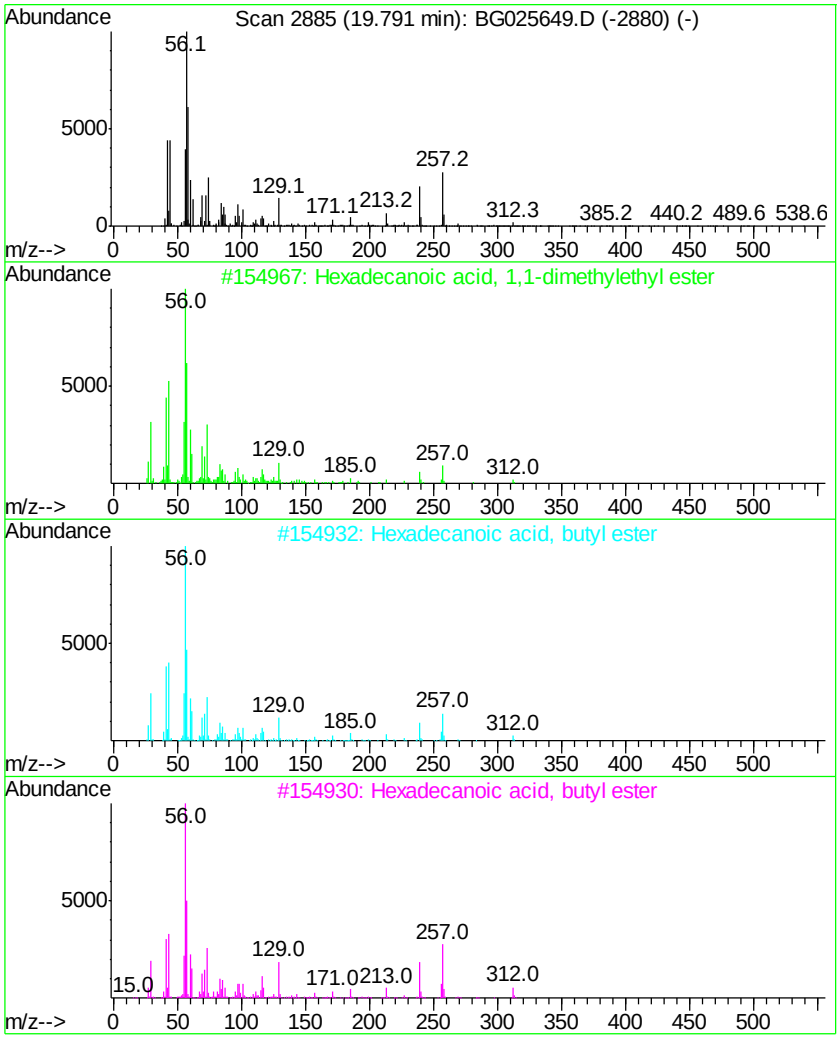
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

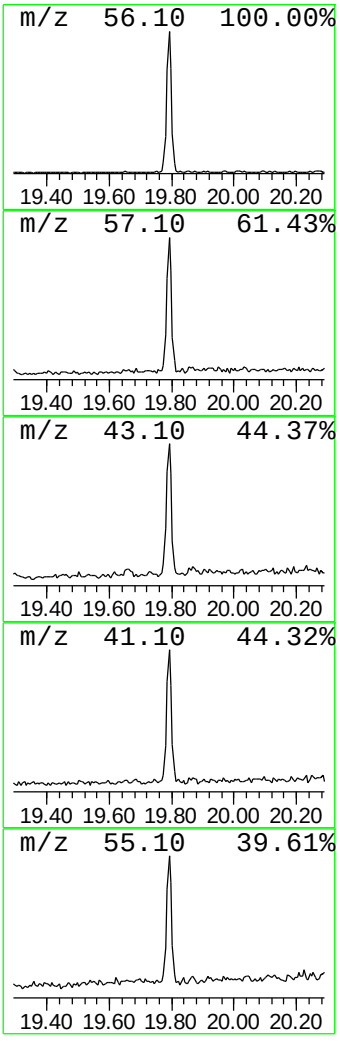
****

Peak Number 5 Hexadecanoic acid, 1,1-dime... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.79	16.52 ng/ul	1669080	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	96
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	95
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
4	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	55
5	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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

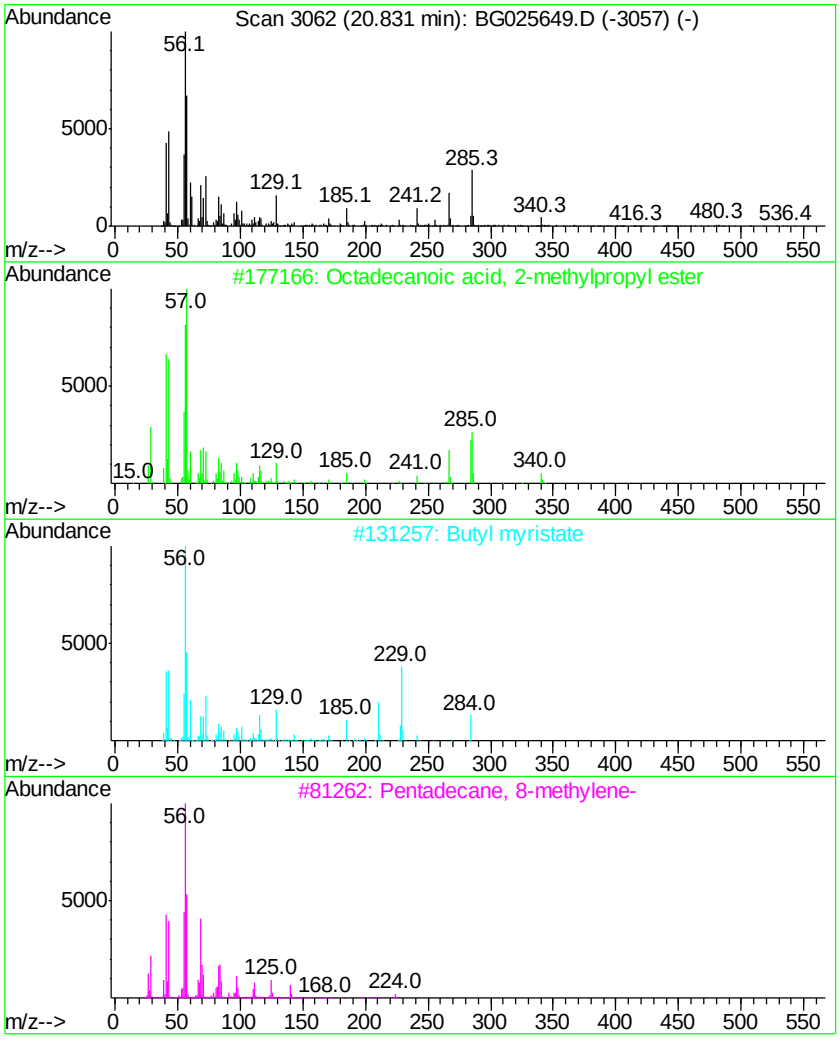
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

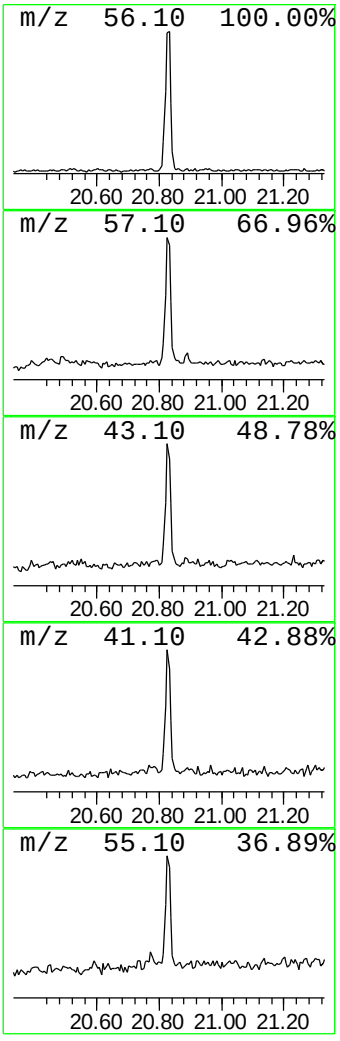
****

Peak Number 6 Octadecanoic acid, 2-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.83	13.32 ng/ul	1345680	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, 2-methylpropy...	340	C22H44O2	000646-13-9	68
2	Butyl myristate	284	C18H36O2	000110-36-1	64
3	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	35
4	Docosanoic acid	340	C22H44O2	000112-85-6	35
5	2-Isopropyl-3-vinyloxirane	112	C7H12O	070777-23-0	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG012517\
Data File : BG025649.D
Acq On : 26 Jan 2017 1:34
Operator : SJ/MA
Sample : I1362-13
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BDN04

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
unknown-01	3.07	5.6	ng/ul	205881	1	8.18	731992	20.0
unknown-02	3.15	2.1	ng/ul	77309	1	8.18	731992	20.0
Pentanal, 2-methyl-	4.02	3.0	ng/ul	110158	1	8.18	731992	20.0
Undecanoic acid	18.39	2.5	ng/ul	225463	4	17.55	1783030	20.0
Hexadecanoic acid...	19.79	16.5	ng/ul	1669080	5	21.85	2021270	20.0
Octadecanoic acid...	20.83	13.3	ng/ul	1345680	5	21.85	2021270	20.0