LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

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-BG080915.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	2.891	6	9	13	rVB2	20989	29371	0.98%	0.084%
2	3.108	42	46	54	rBV	61425	106766	3.57%	0.306%
3	3.185	54	59	72	rVB	572113	770622	25.79%	2.207%
4	3.449	100	104	108	rBV3	13234	19571	0.65%	0.056%
5	3.655	137	139	144	rVB4	6225	6273	0.21%	0.018%
6	3.713	147	149	151	rVV3	7554	8593	0.29%	0.025%
7	4.648	305	308	311	rBV5	4371	6117	0.20%	0.018%
8	4.977	363	364	370	rBV6	4424	7517	0.25%	0.022%
9	5.470	447	448	452	rBV4	3419	5162	0.17%	0.015%
10	5.776	498	500	505	rVB6	5025	5783	0.19%	0.017%
11	6.181	567	569	572	rVB3	4075	4552	0.15%	0.013%
12	6.216	572	575	576	rBV3	5873	6123	0.20%	0.018%
13	6.475	617	619	622	rVB4	4533	4943	0.17%	0.014%
14	6.528	622	628	629	rBV5	5695	8612	0.29%	0.025%
15	6.698	653	657	663	rVB4	18801	33233	1.11%	0.095%
16	6.774	666	670	671	rVB4	5413	6368	0.21%	0.018%
17	7.004	702	709	714	rBV9	18151	34223	1.15%	0.098%
18	7.174	731	738	746	rBV	332461	584838	19.57%	1.675%
19	7.333	758	765	775	rVB	263777	433019	14.49%	1.240%
20	7.456	780	786	794	rVB3	29299	53724	1.80%	0.154%
21	7.544	794	801	812	rBV2	329625	569406	19.05%	1.631%
22	7.914	862	864	869	rVB5	8147	9742	0.33%	0.028%
23	8.014	872	881	888	rBV	305819	531849	17.80%	1.523%
24	8.155	901	905	906	rBV4	5221	4548	0.15%	0.013%
25	8.237	913	919	922	rBV6	9812	16490	0.55%	0.047%
26	8.396	943	946	948	rVV5	5786	6103	0.20%	0.017%
27	8.566	973	975	979	rVB5	3926	5702	0.19%	0.016%
28	8.619	983	984	989	rVB5	4454	4801	0.16%	0.014%
29	8.713	993	1000	1009	rBV	440554	735370	24.61%	2.106%
30	8.937	1037	1038	1041	rBV2	4495	4503	0.15%	0.013%
31	9.166	1070	1077	1088	rBV	319722	580470	19.42%	1.663%
32	9.518	1134	1137	1140	rBV4	3471	4492	0.15%	0.013%
33	9.671	1160	1163	1165	rBV4	4416	5381	0.18%	0.015%
34	9.894	1191	1201	1213	rBV	265274	476433	15.94%	1.365%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

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-BG080915.M
Title : SVOA CALIBRATION

35	10.223	1252	1257	1261	rBV8	4250	8319	0.28%	0.024%
36	10.435	1286	1293	1305	rBV	511939	880114	29.45%	2.521%
37	10.576	1313	1317	1320	rBV5	9463	13025	0.44%	0.037%
38	10.688	1331	1336	1338	rVB5	5131	6837	0.23%	0.020%
39	10.817	1350	1358	1365	rBV	525792	919600	30.77%	2.634%
40	10.946	1372	1380	1388	rBV	325781	606027	20.28%	1.736%
41	12.045	1564	1567	1572	rVB5	4083	6963	0.23%	0.020%
42	12.180	1583	1590	1592	rBV7	6922	11747	0.39%	0.034%
43	12.221	1594	1597	1598	rBV3	6566	7261	0.24%	0.021%
44	12.421	1628	1631	1635	rVB7	3623	6207	0.21%	0.018%
45	12.609	1660	1663	1666	rBV2	3039	4676	0.16%	0.013%
46	12.920	1714	1716	1719	rBV3	3790	4875	0.16%	0.014%
47	13.002	1725	1730	1737	rVB6	17754	28013	0.94%	0.080%
48	13.243	1767	1771	1778	rVB3	25639	38382	1.28%	0.110%
49	13.378	1789	1794	1799	rBV7	10702	24396	0.82%	0.070%
50	13.472	1805	1810	1811	rBV5	4214	6496	0.22%	0.019%
51	13.525	1814	1819	1823	rVV7	8737	16606	0.56%	0.048%
52	13.578	1826	1828	1830	rBV2	5459	5101	0.17%	0.015%
53	13.878	1877	1879	1883	rVB4	4855	4925	0.16%	0.014%
54	13.966	1890	1894	1898	rVB5	10647	15303	0.51%	0.044%
55	14.037	1898	1906	1911	rBV	877186	1323244	44.28%	3.790%
56	14.084	1911	1914	1922	rVV	361196	533423	17.85%	1.528%
57	14.142	1922	1924	1925	rVV2	12366	11252	0.38%	0.032%
58	14.166	1926	1928	1933	rVB5	22187	29171	0.98%	0.084%
59	14.330	1950	1956	1966	rVB	1071709	1717780	57.48%	4.921%
60	14.477	1979	1981	1983	rVV3	5522	5012	0.17%	0.014%
61	14.530	1988	1990	1993	rVV3	8013	10181	0.34%	0.029%
62	14.601	1997	2002	2003	rVV	60007	69438	2.32%	0.199%
63	14.642	2003	2009	2016	rVV2	873092	1432527	47.94%	4.103%
64	14.706	2016	2020	2027	rVV8	19029	29445	0.99%	0.084%
65	14.830	2034	2041	2049	rBV	447199	728814	24.39%	2.088%
66	15.041	2073	2077	2082	rVB8	12633	22878	0.77%	0.066%
67	15.106	2086	2088	2091	rBV4	4822	4990	0.17%	0.014%
68	15.165	2095	2098	2106	rVB9	12649	26428	0.88%	0.076%
69	15.441	2141	2145	2149	rVB6	10239	15189	0.51%	0.044%
70	15.482	2149	2152	2157	rBV2	22434	26185	0.88%	0.075%
71	15.629	2170	2177	2183	rBV	1500703	2174772	72.78%	6.230%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

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-BG080915.M
Title : SVOA CALIBRATION

72	15.740	2189	2196	2202	rBV	349996	537625	17.99%	1.540%
73	15.876	2213	2219	2225	rVB9	14648	33354	1.12%	0.096%
74	16.105	2255	2258	2264	rVB7	9276	16312	0.55%	0.047%
75	16.193	2271	2273	2277	rBV5	5507	6558	0.22%	0.019%
76	16.340	2295	2298	2302	rBV	45780	62427	2.09%	0.179%
77	16.422	2310	2312	2316	rVB4	7446	7223	0.24%	0.021%
78	16.675	2354	2355	2358	rBV3	6573	6709	0.22%	0.019%
79	16.769	2368	2371	2374	rBV5	15956	19177	0.64%	0.055%
80	17.133	2430	2433	2436	rVB	46270	51171	1.71%	0.147%
81	17.268	2451	2456	2462	rBV8	37696	62755	2.10%	0.180%
82	17.380	2469	2475	2480	rBV	1165260	1804757	60.39%	5.170%
83	17.480	2486	2492	2499	rVB	1585848	2358875	78.94%	6.757%
84	17.873	2556	2559	2562	rVB3	28633	31667	1.06%	0.091%
85	18.149	2602	2606	2612	rBV9	19102	36924	1.24%	0.106%
86	18.202	2612	2615	2619	rBV2	35984	51064	1.71%	0.146%
87	18.267	2621	2626	2636	rBV2	740825	1111633	37.20%	3.184%
88	18.567	2673	2677	2681	rBV7	26900	47743	1.60%	0.137%
89	18.749	2705	2708	2711	rBV2	25697	31623	1.06%	0.091%
90	19.389	2815	2817	2818	rBV	42832	32691	1.09%	0.094%
91	19.418	2818	2822	2830	rVB2	686488	1010091	33.80%	2.893%
92	19.536	2838	2842	2852	rBV2	199645	275676	9.23%	0.790%
93	19.759	2875	2880	2892	rVB2	1821402	2988303	100.00%	8.560%
94	21.287	3136	3140	3150	rBV2	371820	662203	22.16%	1.897%
95	21.639	3194	3200	3205	rBV	1233583	2022084	67.67%	5.792%
96	22.374	3321	3325	3332	rVB3	221830	415571	13.91%	1.190%
97	23.102	3445	3449	3458	rVB3	250223	495272	16.57%	1.419%
98	23.631	3535	3539	3547	rVB4	295526	620916	20.78%	1.779%
99	24.612	3699	3706	3716	rVB	910830	2221418	74.34%	6.363%
100	24.830	3735	3743	3760	rVB2	695677	2022008	67.66%	5.792%

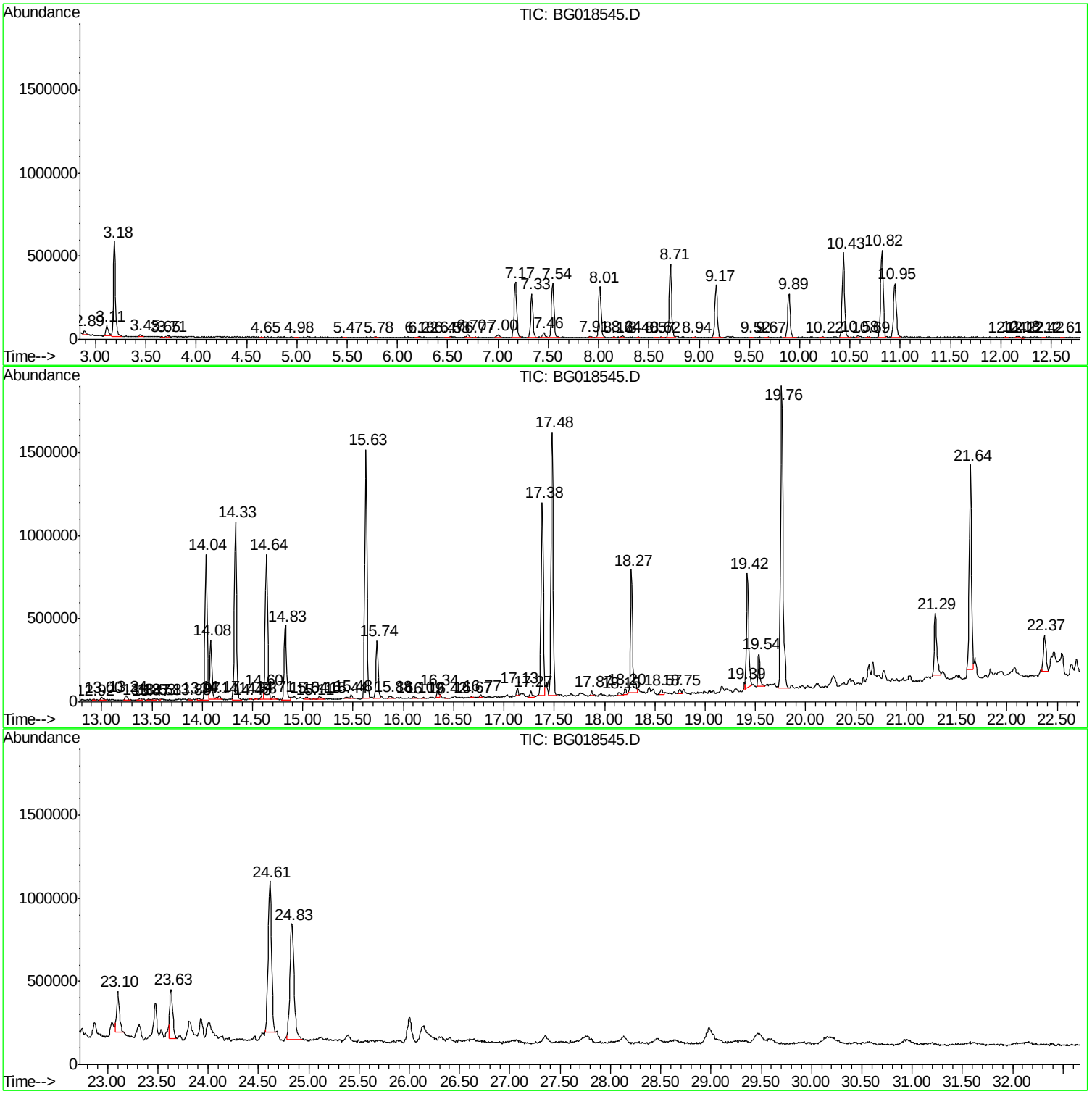
Sum of corrected areas: 34910132

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

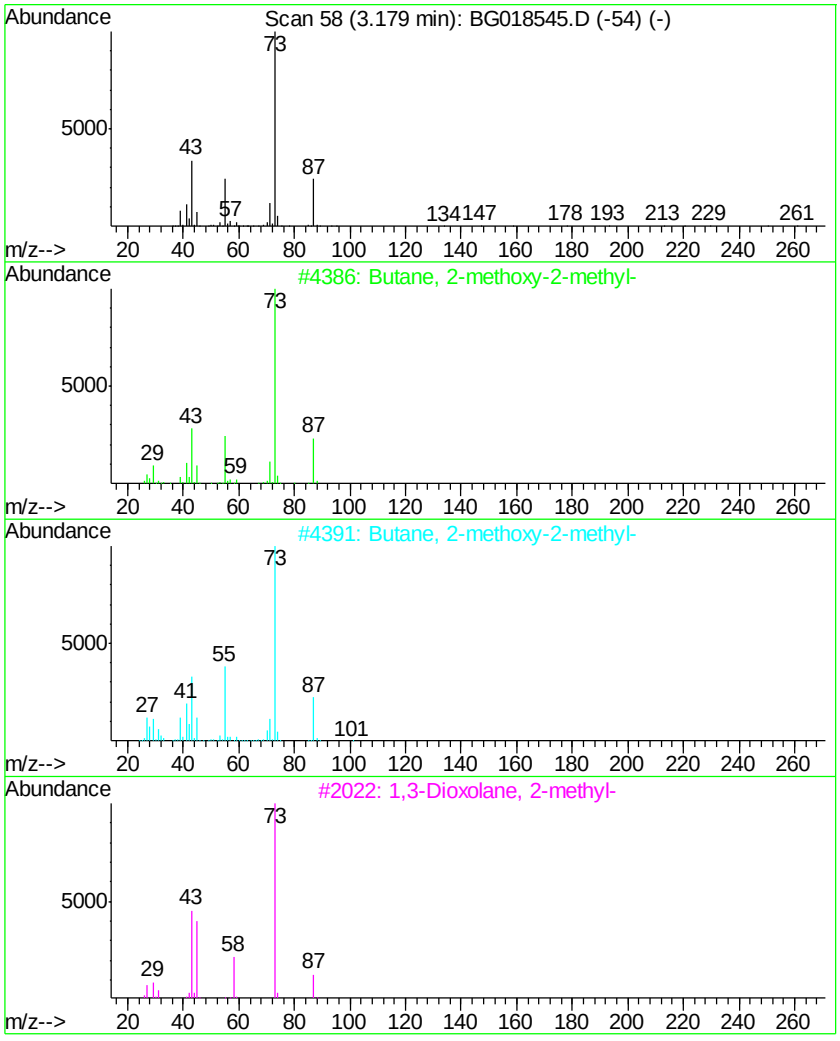
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

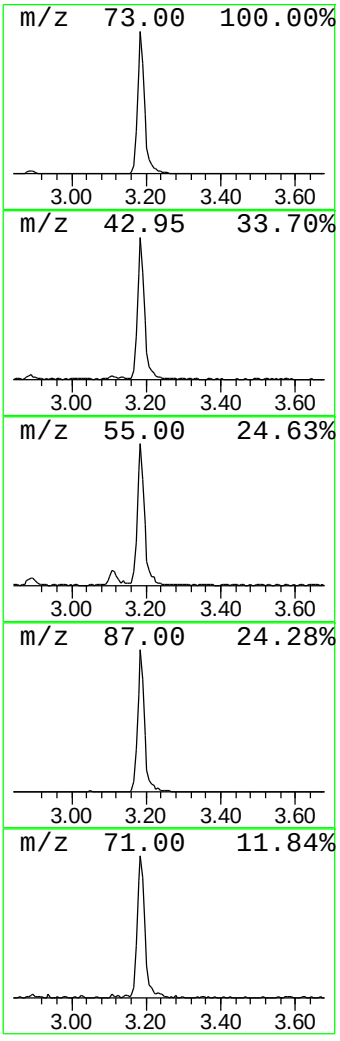
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	28.98 ng/ul	770622	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	86
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	38
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

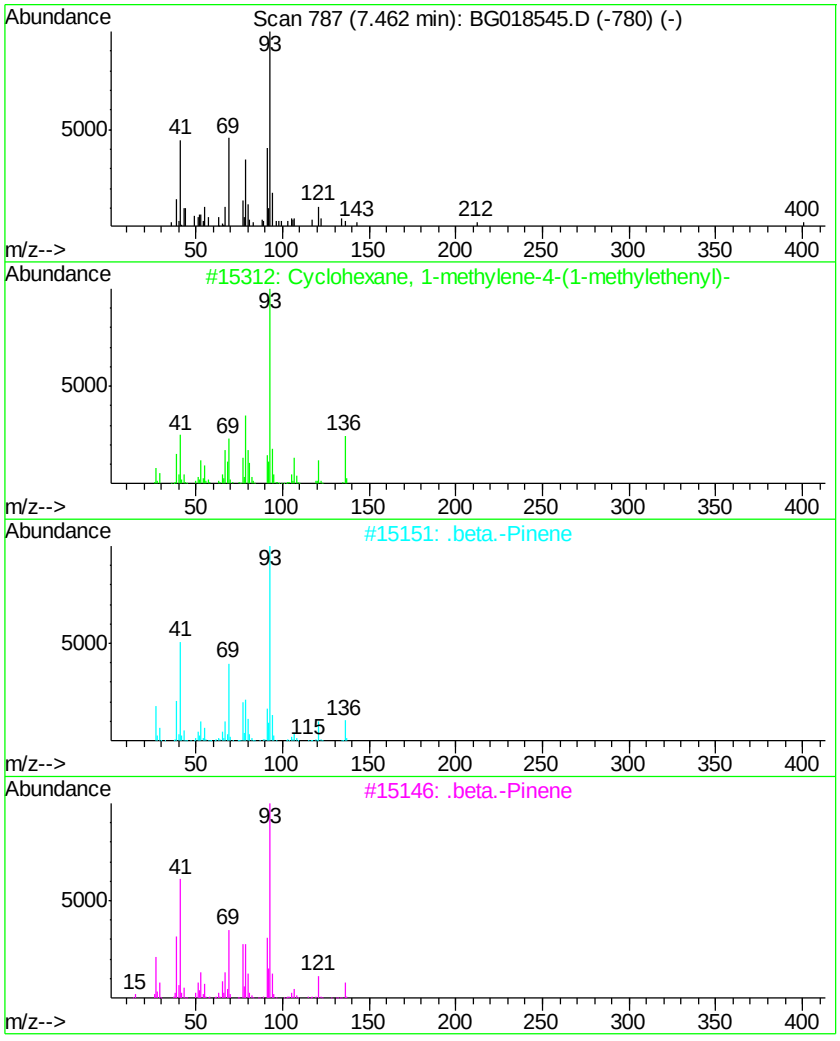
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

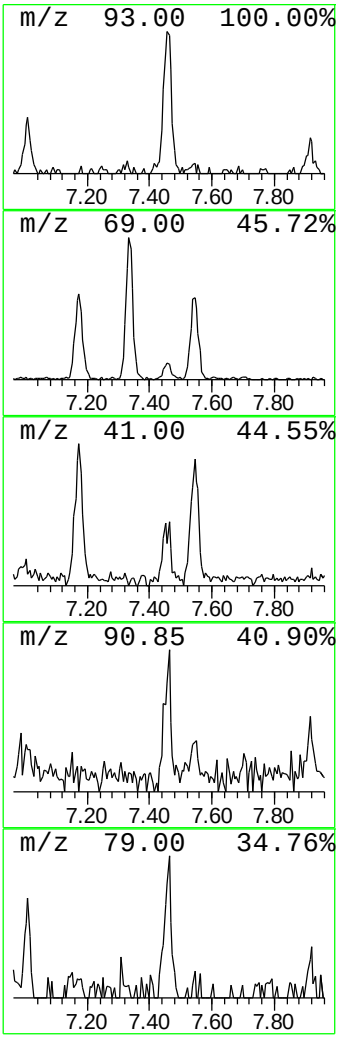
****

Peak Number 3 Cyclohexane, 1-methylene-4-... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	2.02 ng/ul	53724	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methylene-4-(1-me...	136	C10H16	000499-97-8	91
2	.beta.-Pinene	136	C10H16	000127-91-3	87
3	.beta.-Pinene	136	C10H16	000127-91-3	87
4	Bicyclo[3.1.1]heptane, 6,6-dimet...	136	C10H16	018172-67-3	83
5	.beta.-Pinene	136	C10H16	000127-91-3	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

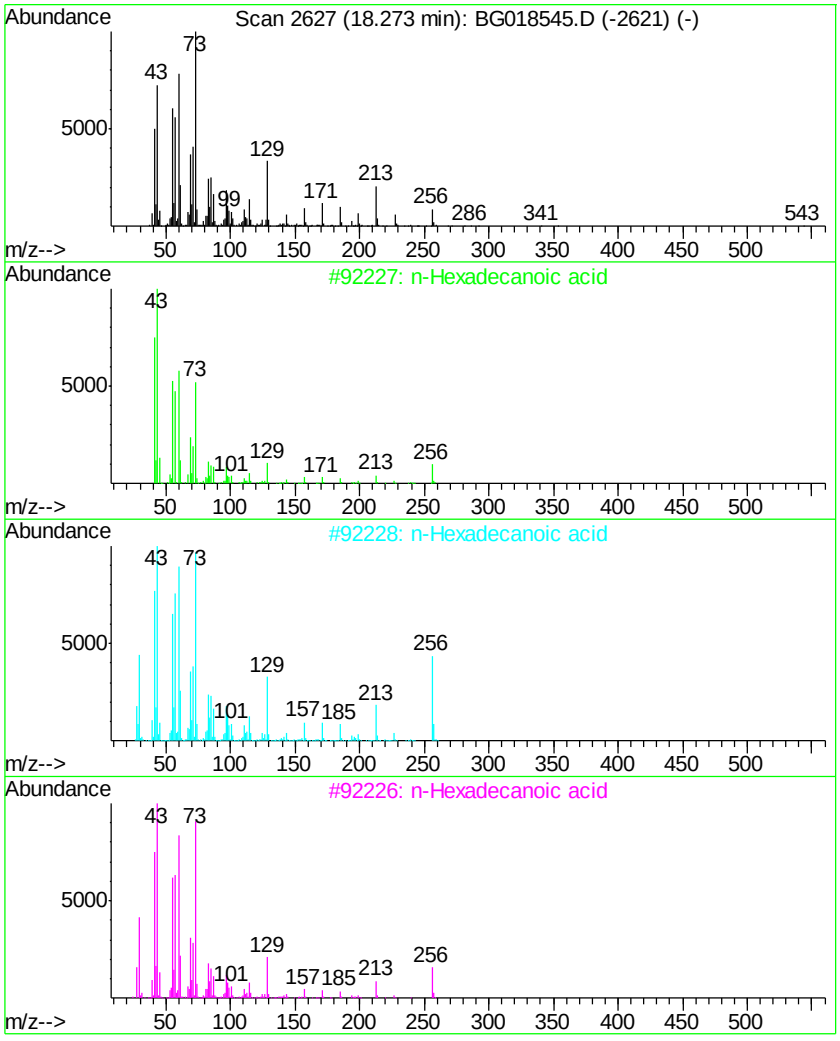
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

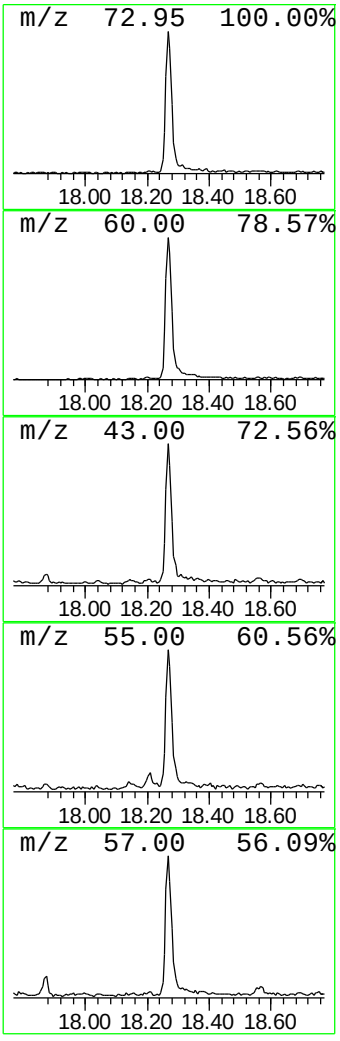
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	12.32 ng/ul	1111630	Phenanthrene-d10	17.38

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

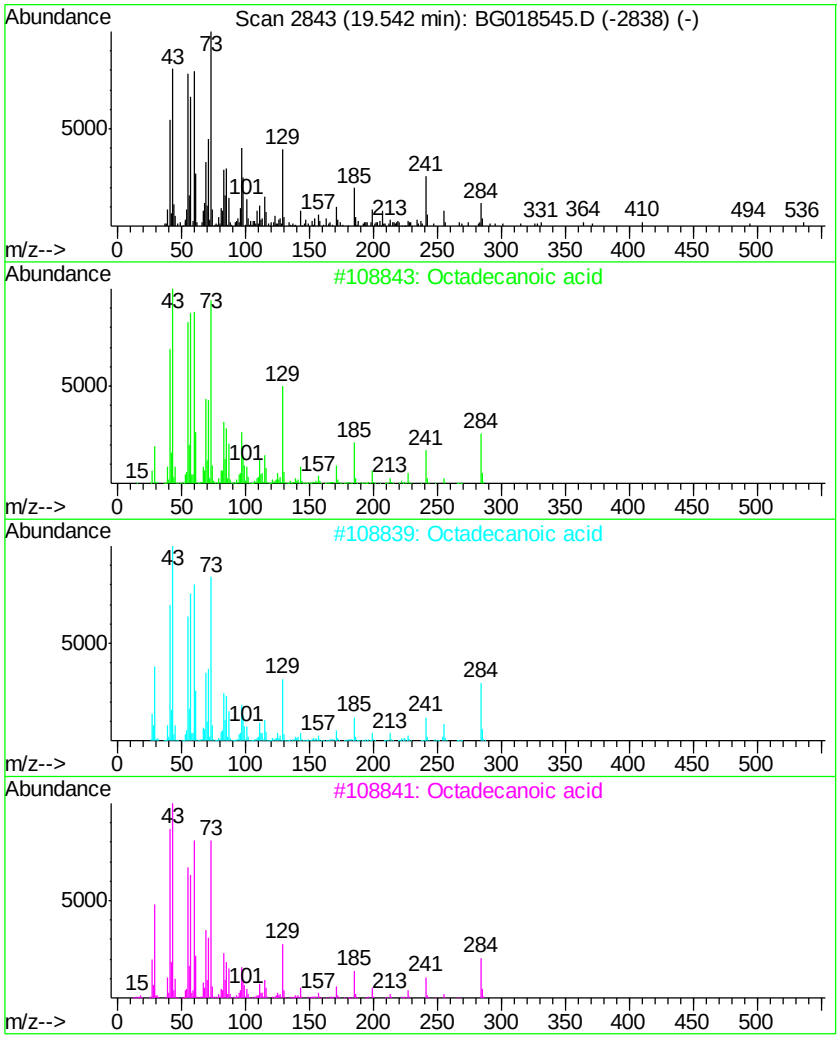
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

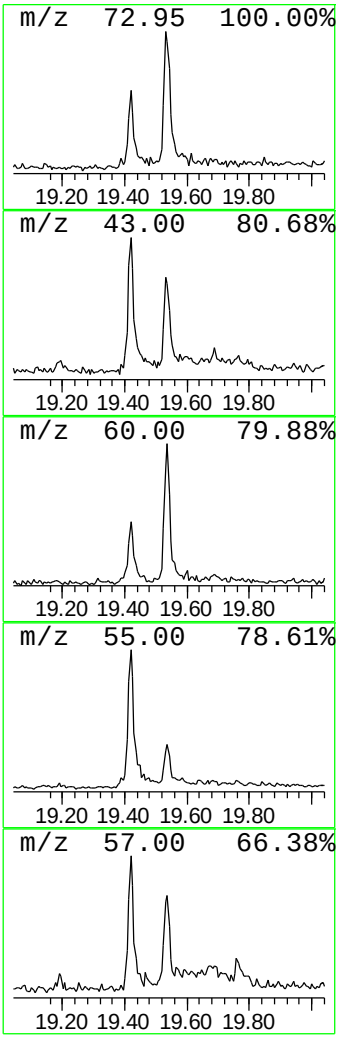
****

Peak Number 5 Octadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.54	2.73 ng/ul	275676	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	96
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	Octadecanoic acid	284	C18H36O2	000057-11-4	86
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	74





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

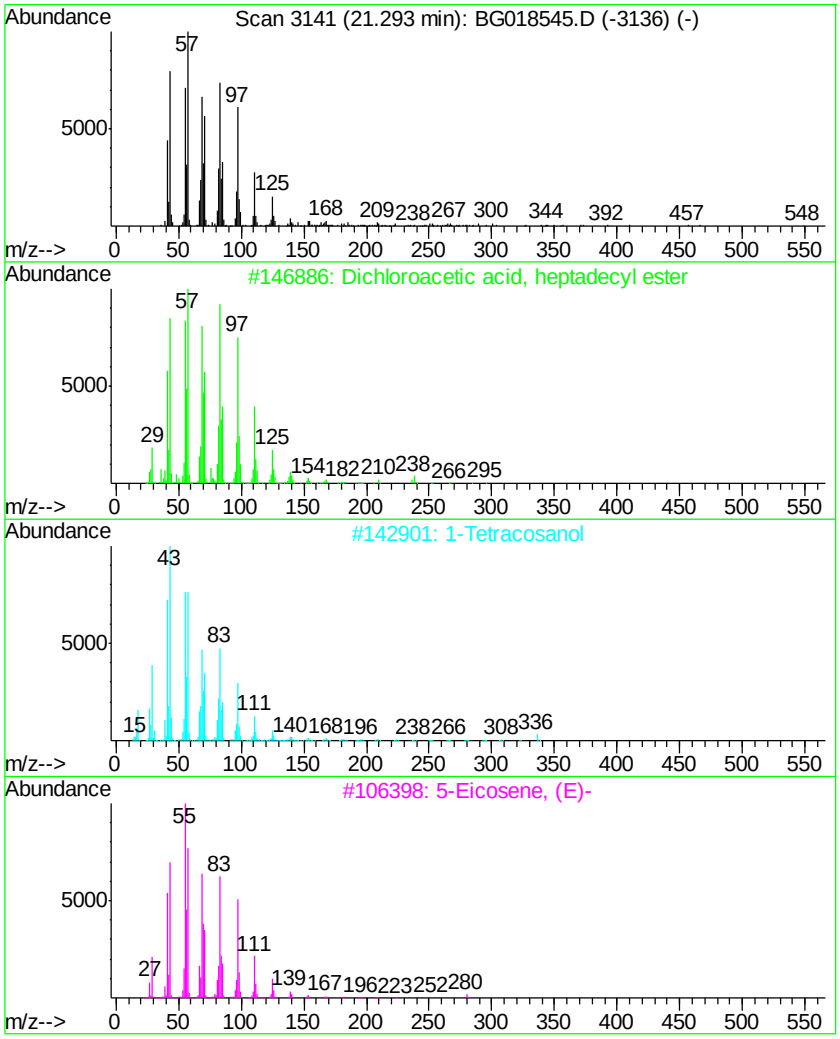
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

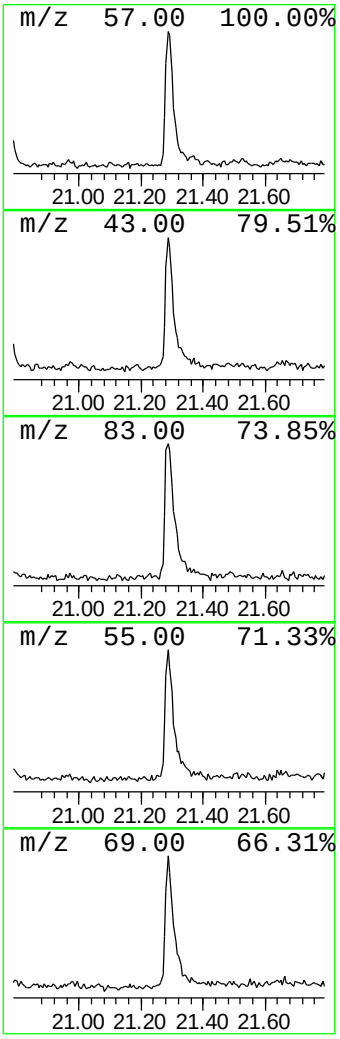
****

Peak Number 6 Dichloroacetic acid, heptad... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	6.55 ng/ul	662203	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	94
2	1-Tetracosanol	354	C24H50O	000506-51-4	91
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
5	Cyclotetradecane	196	C14H28	000295-17-0	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

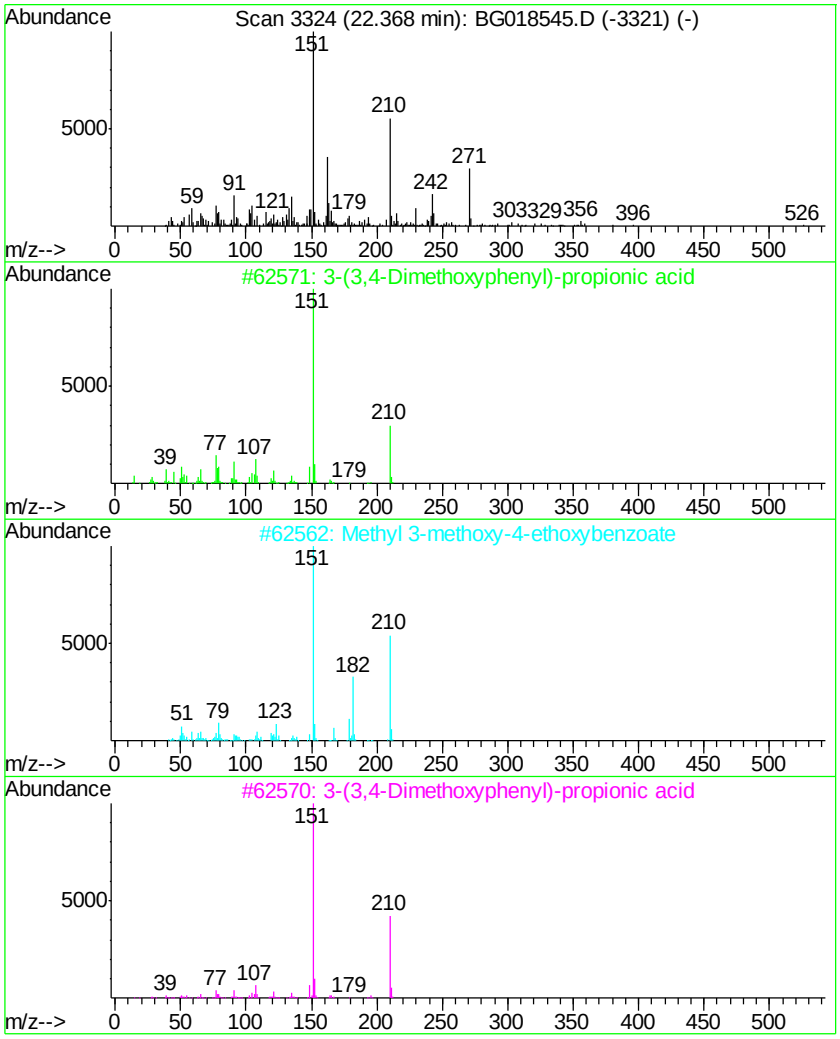
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

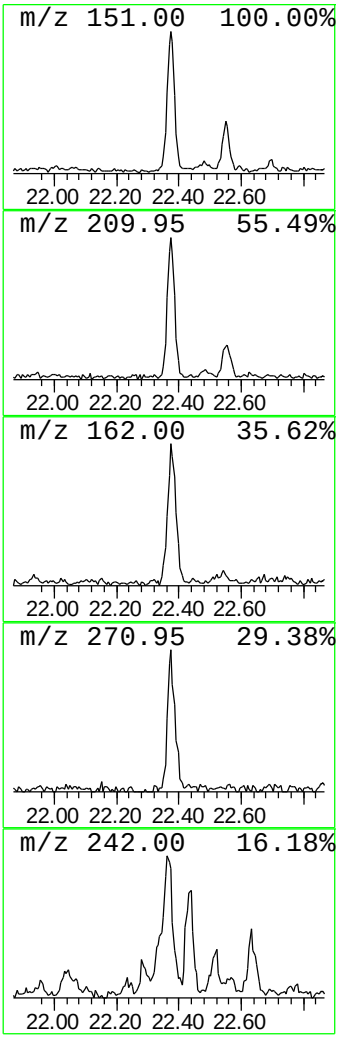
****

Peak Number 7 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.37	4.11 ng/ul	415571	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-(3,4-Dimethoxyphenyl)-propioni...	210	C11H14O4	002107-70-2	46
2	Methyl 3-methoxy-4-ethoxybenzoate	210	C11H14O4	003535-24-8	41
3	3-(3,4-Dimethoxyphenyl)-propioni...	210	C11H14O4	002107-70-2	38
4	3,4-Dimethoxyphenylacethydrazide	210	C10H14N2O3	060075-23-2	38
5	Benzeneacetic acid, 3,4-dimethox...	210	C11H14O4	015964-79-1	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

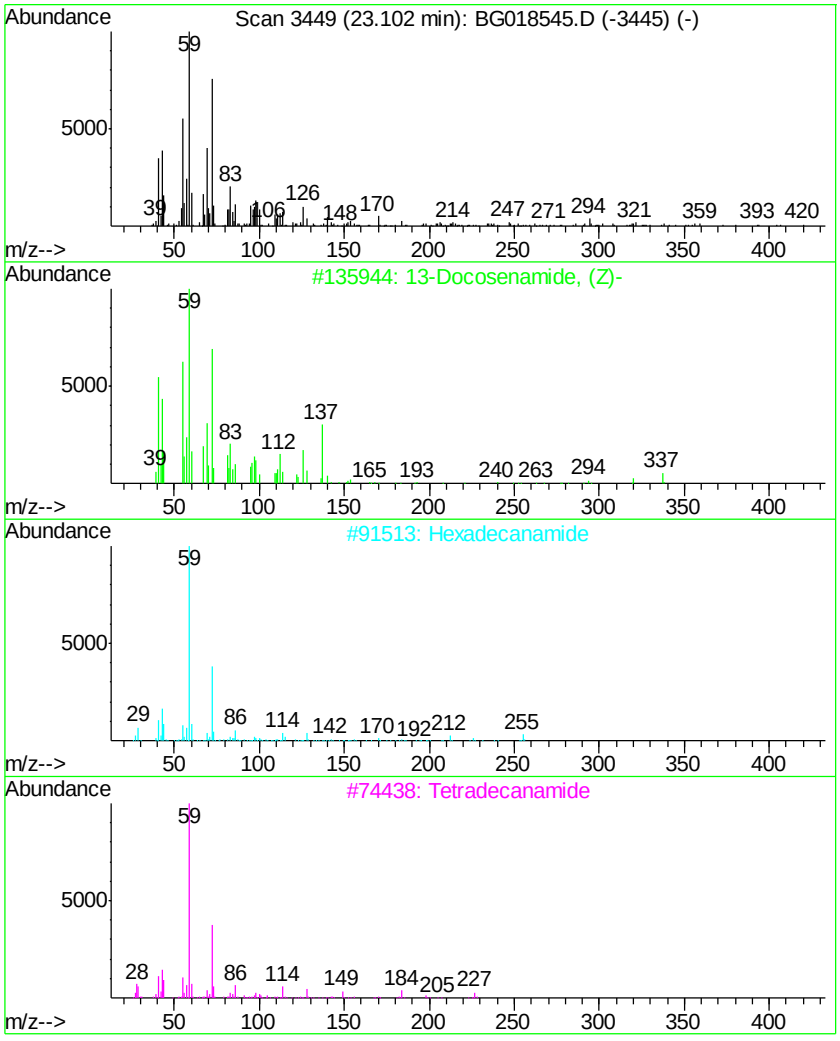
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

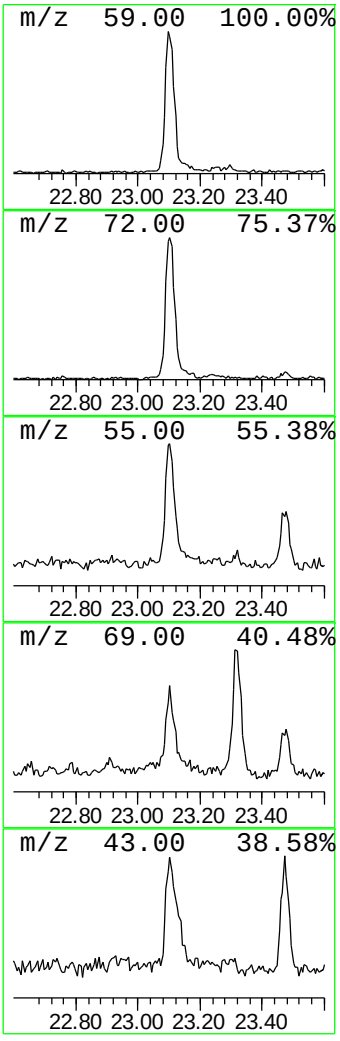
****

Peak Number 8 13-Docosenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.10	4.90 ng/ul	495272	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
2	Hexadecanamide	255	C16H33NO	000629-54-9	64
3	Tetradecanamide	227	C14H29NO	000638-58-4	59
4	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	56
5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

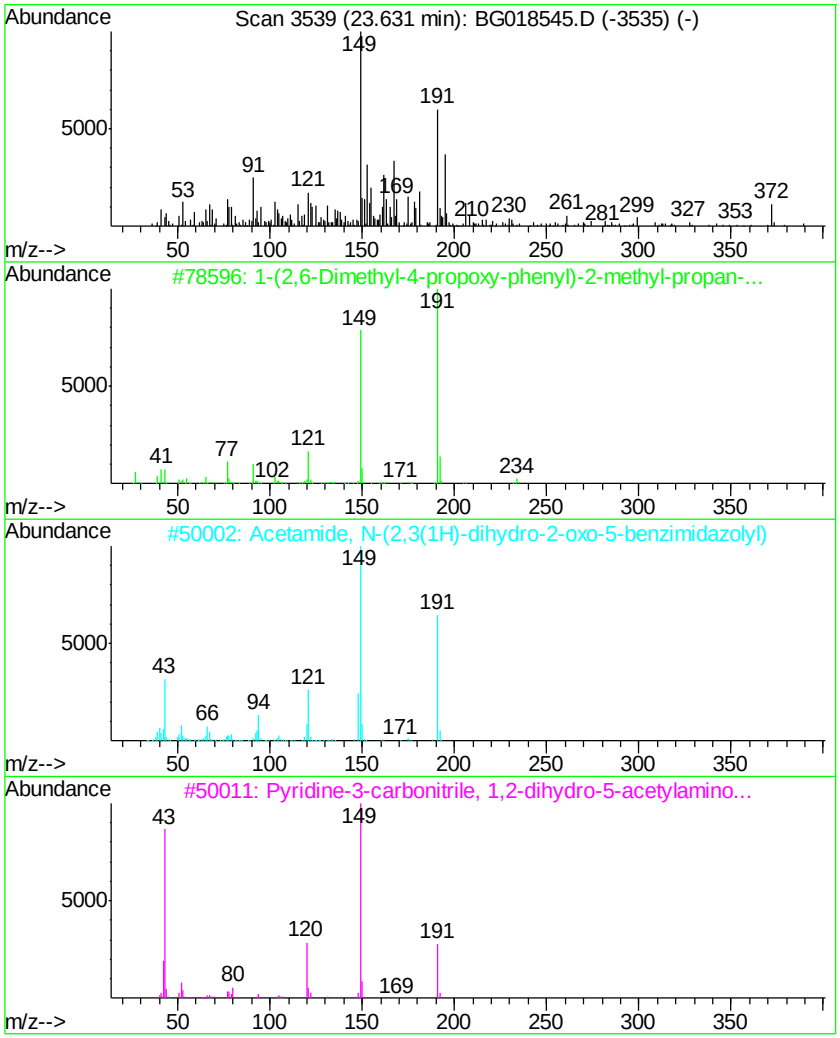
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

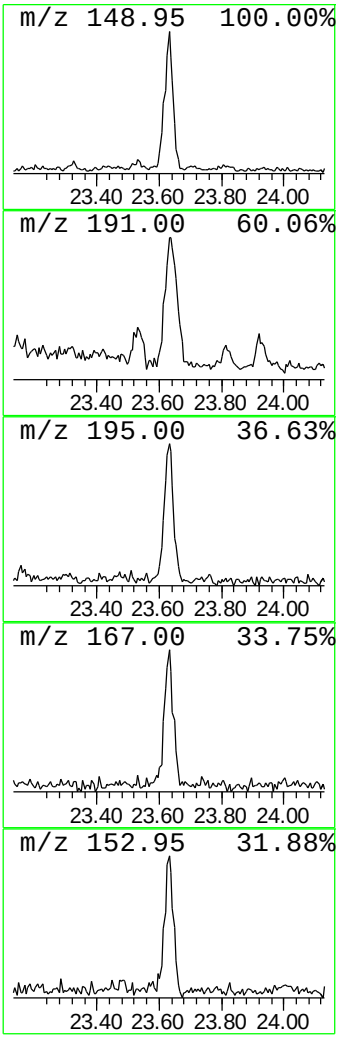
****

Peak Number 9 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.63	6.14 ng/ul	620916	Perylene-d12	24.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(2,6-Dimethyl-4-propoxy-phenyl...	234	C15H22O2	1000190-22-0	38
2	Acetamide, N-(2,3(1H)-dihydro-2-...	191	C9H9N3O2	091085-68-6	38
3	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	38
4	Cyclohexanecarbonitrile, 1-(1-pi...	192	C12H20N2	003867-15-0	30
5	2-Methyl-2-(4'-methoxyphenyl)pen...	206	C13H18O2	185700-49-6	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082915\
Data File : BG018545.D
Acq On : 29 Aug 2015 20:40
Operator : UM/MA
Sample : G3476-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BCTJ2

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080915.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.18	29.0	ng/ul	770622	1	8.01	531849	20.0
Cyclohexane, 1-me...	7.46	2.0	ng/ul	53724	1	8.01	531849	20.0
n-Hexadecanoic acid	18.27	12.3	ng/ul	1111630	4	17.38	1804760	20.0
Octadecanoic acid	19.54	2.7	ng/ul	275676	5	21.64	2022080	20.0
Dichloroacetic ac...	21.29	6.5	ng/ul	662203	5	21.64	2022080	20.0
unknown-01	22.37	4.1	ng/ul	415571	5	21.64	2022080	20.0
13-Docosenamide, ...	23.10	4.9	ng/ul	495272	5	21.64	2022080	20.0
unknown-02	23.63	6.1	ng/ul	620916	6	24.84	2022010	20.0