LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

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_M\METHODS\SOM01.2-EPA-BM122914.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	2.775	12	15	19	rVB3	18643	25159	0.99%	0.076%
2	2.987	46	51	59	rBV	322949	496467	19.63%	1.496%
3	3.057	59	63	79	rVB	1068218	1302520	51.50%	3.926%
4	3.240	93	94	97	rVB4	5381	4022	0.16%	0.012%
5	3.316	102	107	113	rVB3	28972	42510	1.68%	0.128%
6	3.393	119	120	123	rBV3	3935	4222	0.17%	0.013%
7	3.457	128	131	134	rVB3	7103	7811	0.31%	0.024%
8	3.945	212	214	221	rVB5	4141	7425	0.29%	0.022%
9	4.045	224	231	235	rBV6	7794	14359	0.57%	0.043%
10	4.328	276	279	282	rBV3	3205	4377	0.17%	0.013%
11	4.951	380	385	392	rBV	56720	85192	3.37%	0.257%
12	5.422	463	465	470	rVB3	3343	4219	0.17%	0.013%
13	5.834	532	535	538	rBV3	3428	4669	0.18%	0.014%
14	6.045	566	571	573	rBV5	4014	4430	0.18%	0.013%
15	6.986	723	731	741	rVV	544207	938949	37.12%	2.830%
16	7.157	754	760	769	rVV	378550	581598	22.99%	1.753%
17	7.357	787	794	801	rBV	527514	835267	33.02%	2.517%
18	7.445	803	809	815	rVB4	22363	38175	1.51%	0.115%
19	7.828	867	874	880	rBV	411883	649460	25.68%	1.957%
20	7.886	880	884	888	rVB5	11644	16157	0.64%	0.049%
21	8.522	985	992	1000	rBV	620303	1009063	39.89%	3.041%
22	8.980	1063	1070	1081	rBV	536892	855512	33.82%	2.578%
23	9.392	1135	1140	1145	rBV3	11070	19657	0.78%	0.059%
24	9.698	1185	1192	1201	rVV	420309	704347	27.85%	2.123%
25	9.916	1226	1229	1235	rVV4	3380	4501	0.18%	0.014%
26	10.233	1276	1283	1290	rBV	619317	1038735	41.07%	3.131%
27	10.616	1341	1348	1356	rVB	551742	913116	36.10%	2.752%
28	10.751	1364	1371	1380	rBV	395171	657797	26.01%	1.983%
29	11.933	1566	1572	1578	rVB2	26607	38493	1.52%	0.116%
30	12.204	1613	1618	1624	rVB2	10736	16809	0.66%	0.051%
31	13.286	1798	1802	1805	rVV2	7125	9937	0.39%	0.030%
32	13.580	1846	1852	1856	rBV4	2667	5409	0.21%	0.016%
33	13.674	1862	1868	1874	rBV4	12626	20676	0.82%	0.062%
34	13.868	1894	1901	1905	rBV	1122242	1565754	61.90%	4.719%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

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_M\METHODS\SOM01.2-EPA-BM122914.M
Title : SVOA CALIBRATION

35	13.915	1905	1909	1915	rVB	322814	455105	17.99%	1.372%
36	14.104	1939	1941	1943	rBV	3072	3875	0.15%	0.012%
37	14.151	1943	1949	1958	rVV	1080715	1647632	65.14%	4.966%
38	14.357	1980	1984	1992	rVB4	11531	16463	0.65%	0.050%
39	14.462	1995	2002	2009	rBV	782305	1174693	46.44%	3.540%
40	14.586	2020	2023	2026	rVB2	2987	4443	0.18%	0.013%
41	14.645	2026	2033	2044	rBV	419446	716951	28.34%	2.161%
42	14.733	2044	2048	2055	rVV2	40802	67515	2.67%	0.203%
43	14.874	2067	2072	2077	rBV6	6378	9913	0.39%	0.030%
44	15.309	2143	2146	2151	rVB5	7562	10297	0.41%	0.031%
45	15.374	2151	2157	2161	rBV3	4104	6107	0.24%	0.018%
46	15.451	2164	2170	2184	rBV	1439195	2102423	83.12%	6.336%
47	15.562	2184	2189	2196	rBV	430788	613363	24.25%	1.849%
48	15.692	2207	2211	2217	rVB4	15085	23599	0.93%	0.071%
49	15.815	2227	2232	2239	rBV	119655	173436	6.86%	0.523%
50	15.998	2260	2263	2267	rVB4	4480	5415	0.21%	0.016%
51	16.162	2288	2291	2293	rBV3	5423	5066	0.20%	0.015%
52	16.180	2293	2294	2299	rVV3	5014	6621	0.26%	0.020%
53	16.409	2330	2333	2336	rBV4	2836	3808	0.15%	0.011%
54	16.603	2364	2366	2369	rBV3	3707	4654	0.18%	0.014%
55	16.751	2386	2391	2393	rVB3	2982	3890	0.15%	0.012%
56	16.956	2423	2426	2427	rBV3	3823	3845	0.15%	0.012%
57	16.986	2430	2431	2436	rVB3	4116	4449	0.18%	0.013%
58	17.203	2461	2468	2478	rBV2	984934	1411311	55.80%	4.253%
59	17.303	2478	2485	2493	rBV2	1596408	2330158	92.12%	7.023%
60	17.580	2529	2532	2534	rVB4	3728	4664	0.18%	0.014%
61	17.698	2547	2552	2553	rVV3	6413	6027	0.24%	0.018%
62	17.868	2578	2581	2584	rVV3	3386	5071	0.20%	0.015%
63	17.950	2591	2595	2597	rBV	4231	5671	0.22%	0.017%
64	18.092	2613	2619	2635	rBV2	221009	404135	15.98%	1.218%
65	18.392	2666	2670	2672	rBV3	7384	10976	0.43%	0.033%
66	18.433	2676	2677	2680	rVV2	5208	3628	0.14%	0.011%
67	18.521	2689	2692	2697	rVB5	13752	17185	0.68%	0.052%
68	18.574	2697	2701	2703	rBV3	3412	4622	0.18%	0.014%
69	18.815	2738	2742	2747	rBV6	3680	8052	0.32%	0.024%
70	18.892	2753	2755	2758	rVB4	4208	4066	0.16%	0.012%
71	18.921	2758	2760	2765	rVB6	3844	4888	0.19%	0.015%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

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_M\METHODS\SOM01.2-EPA-BM122914.M
Title : SVOA CALIBRATION

72	18.956	2765	2766	2769	rBV2	6852	6302	0.25%	0.019%
73	19.021	2774	2777	2781	rVB6	10154	10616	0.42%	0.032%
74	19.056	2781	2783	2786	rBV4	5059	5828	0.23%	0.018%
75	19.233	2806	2813	2814	rBV2	34217	49047	1.94%	0.148%
76	19.368	2832	2836	2844	rVV2	105495	164237	6.49%	0.495%
77	19.456	2849	2851	2852	rVV2	9637	7990	0.32%	0.024%
78	19.486	2853	2856	2860	rVV3	19490	25648	1.01%	0.077%
79	19.515	2860	2861	2865	rVV4	5591	7226	0.29%	0.022%
80	19.597	2869	2875	2880	rVV	1820078	2529407	100.00%	7.623%
81	19.639	2880	2882	2894	rVB3	74388	112985	4.47%	0.341%
82	19.933	2931	2932	2935	rVB3	5175	3590	0.14%	0.011%
83	19.991	2940	2942	2944	rBV3	4664	3572	0.14%	0.011%
84	20.021	2945	2947	2949	rVV3	5115	4033	0.16%	0.012%
85	20.103	2958	2961	2964	rBV5	7687	11793	0.47%	0.036%
86	20.133	2964	2966	2969	rVB4	12594	12456	0.49%	0.038%
87	20.391	3008	3010	3011	rVB2	6770	4272	0.17%	0.013%
88	20.515	3029	3031	3033	rVB3	12185	8434	0.33%	0.025%
89	20.568	3036	3040	3043	rBV5	7534	10237	0.40%	0.031%
90	20.627	3048	3050	3053	rBV4	12648	11470	0.45%	0.035%
91	21.091	3124	3129	3137	rBV	615800	849792	33.60%	2.561%
92	21.291	3161	3163	3168	rBV4	17862	28950	1.14%	0.087%
93	21.386	3174	3179	3187	rBV	1263304	1588386	62.80%	4.787%
94	21.503	3195	3199	3202	rBV6	50848	69350	2.74%	0.209%
95	22.444	3355	3359	3362	rBV6	49798	65414	2.59%	0.197%
96	22.580	3377	3382	3388	rBV	140206	195798	7.74%	0.590%
97	22.962	3444	3447	3450	rBV5	28341	34519	1.36%	0.104%
98	23.532	3536	3544	3553	rVB2	1310975	2513696	99.38%	7.576%
99	23.679	3562	3569	3576	rVB	742604	1466271	57.97%	4.419%
100	24.297	3669	3674	3682	rBV5	78458	167983	6.64%	0.506%

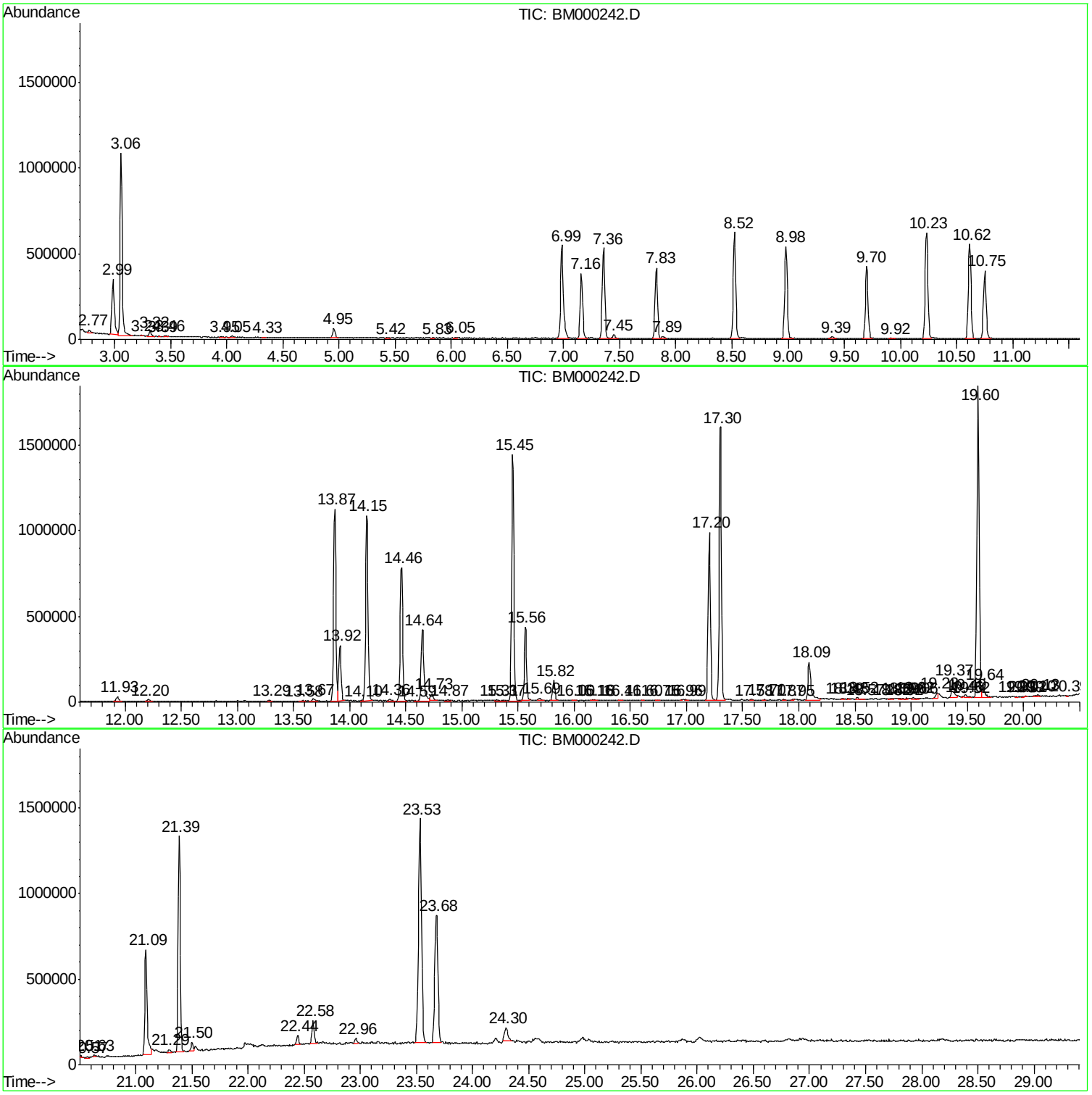
Sum of corrected areas: 33180113

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.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 M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

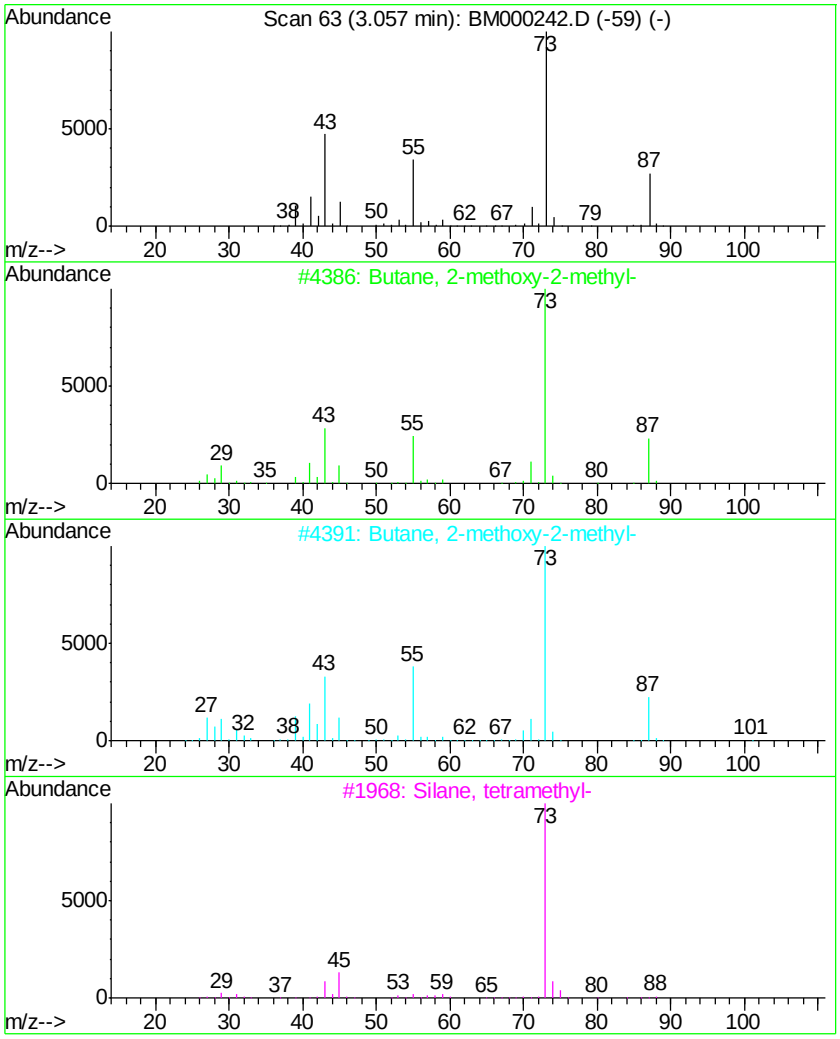
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

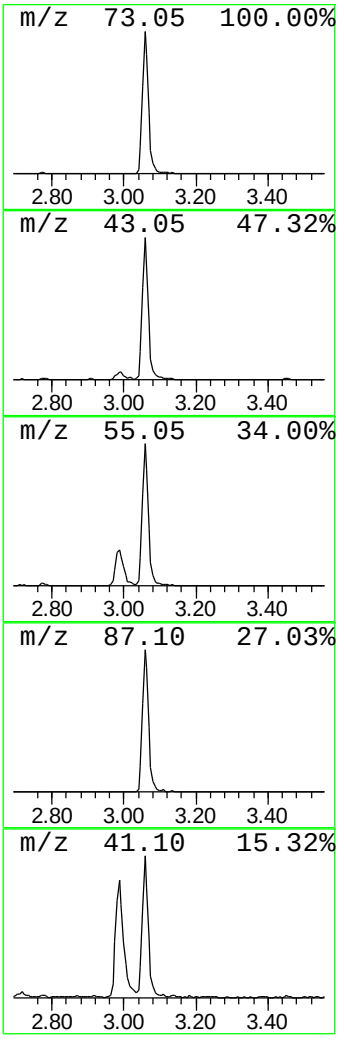
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	40.11 ng/ul	1302520	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	38
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	32
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

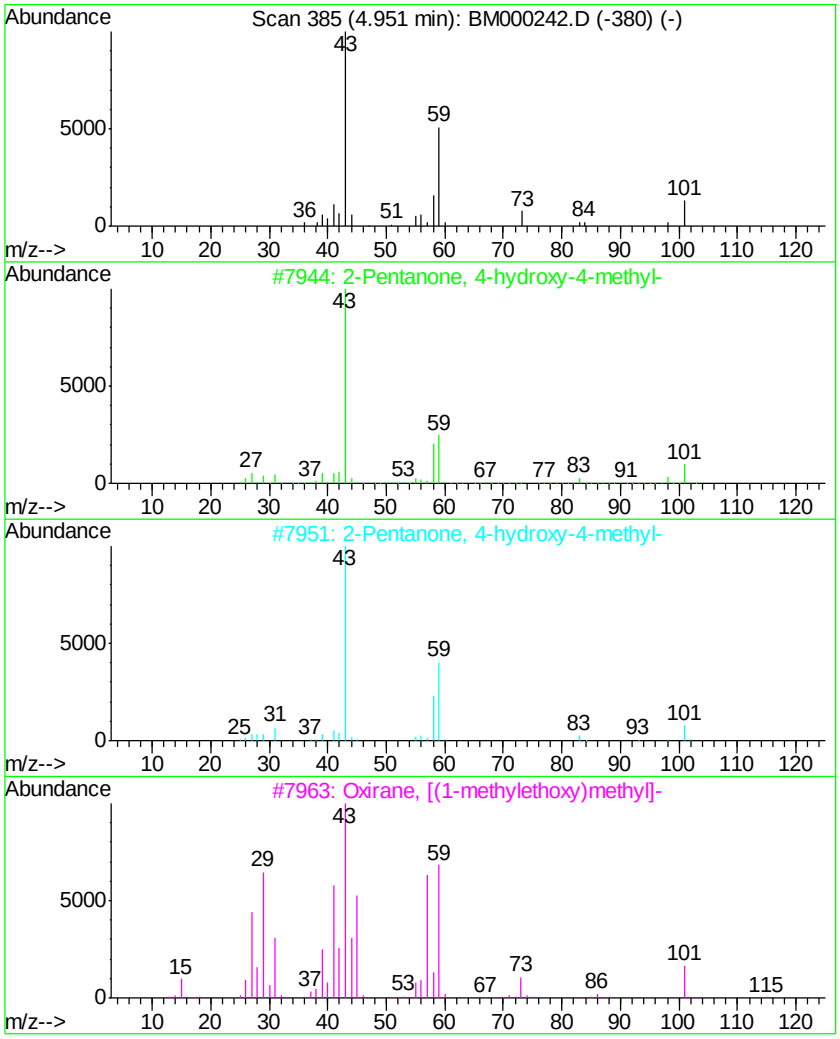
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

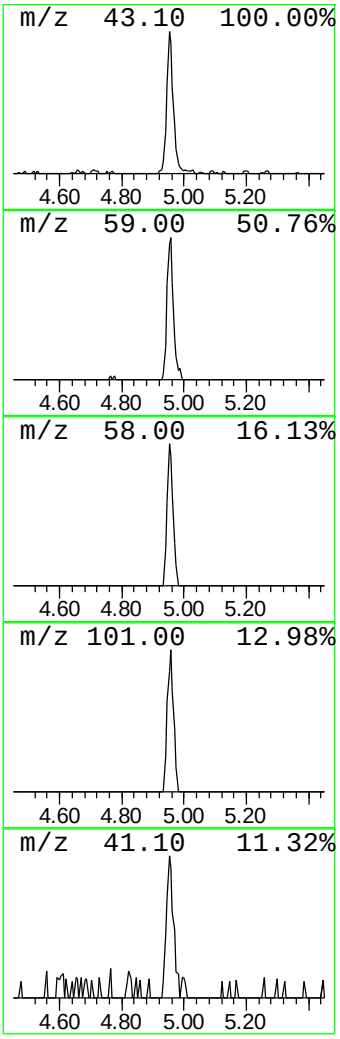
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	2.62 ng/ul	85192	1,4-Dichlorobenzene-d4	7.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	38
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
5	3-Octanol	130	C8H18O	000589-98-0	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

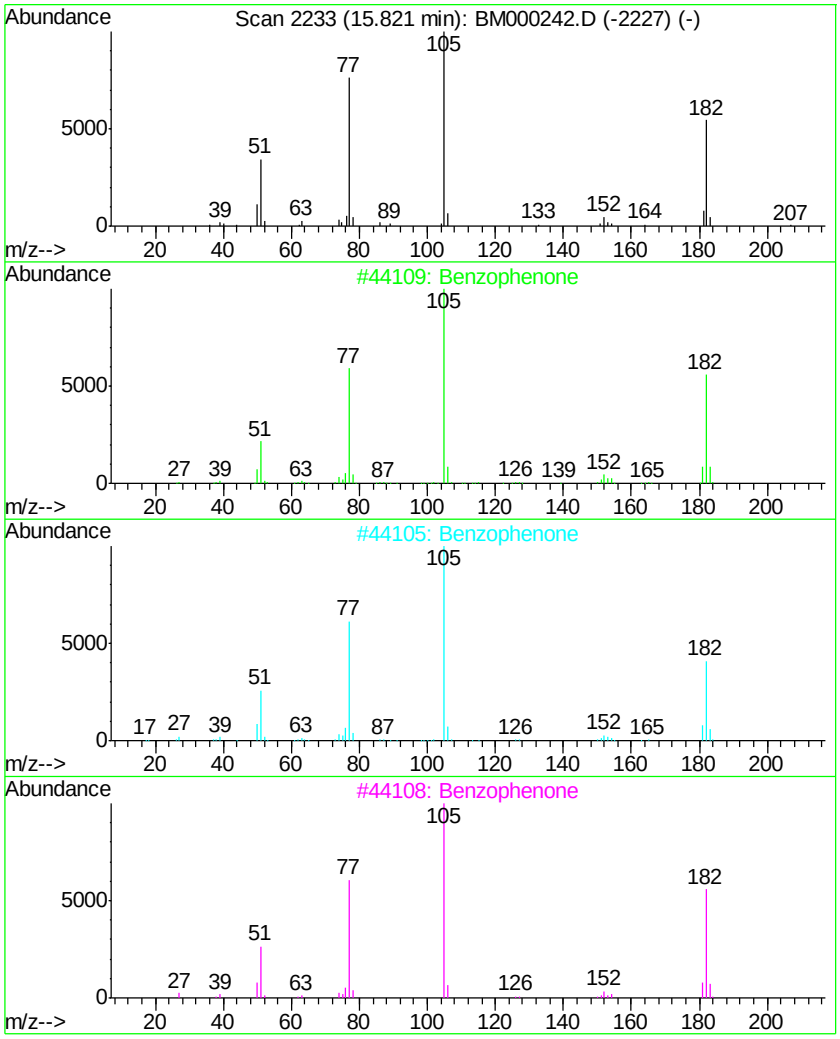
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

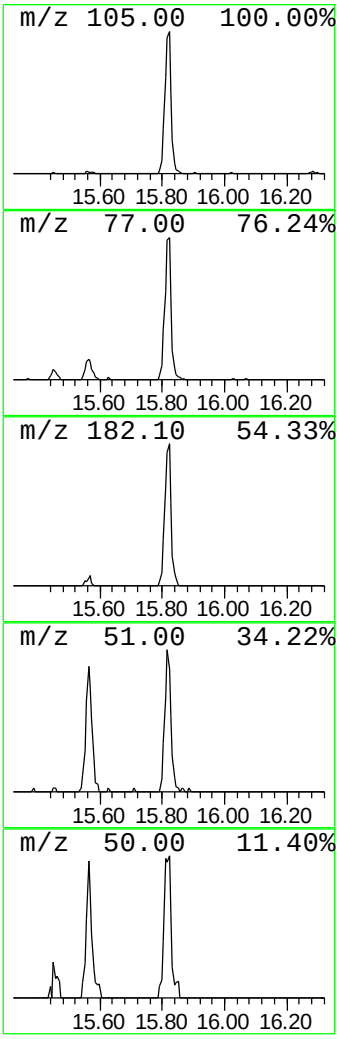
****

Peak Number 4 Benzophenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	2.95 ng/ul	173436	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	95
2	Benzophenone	182	C13H10O	000119-61-9	94
3	Benzophenone	182	C13H10O	000119-61-9	93
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

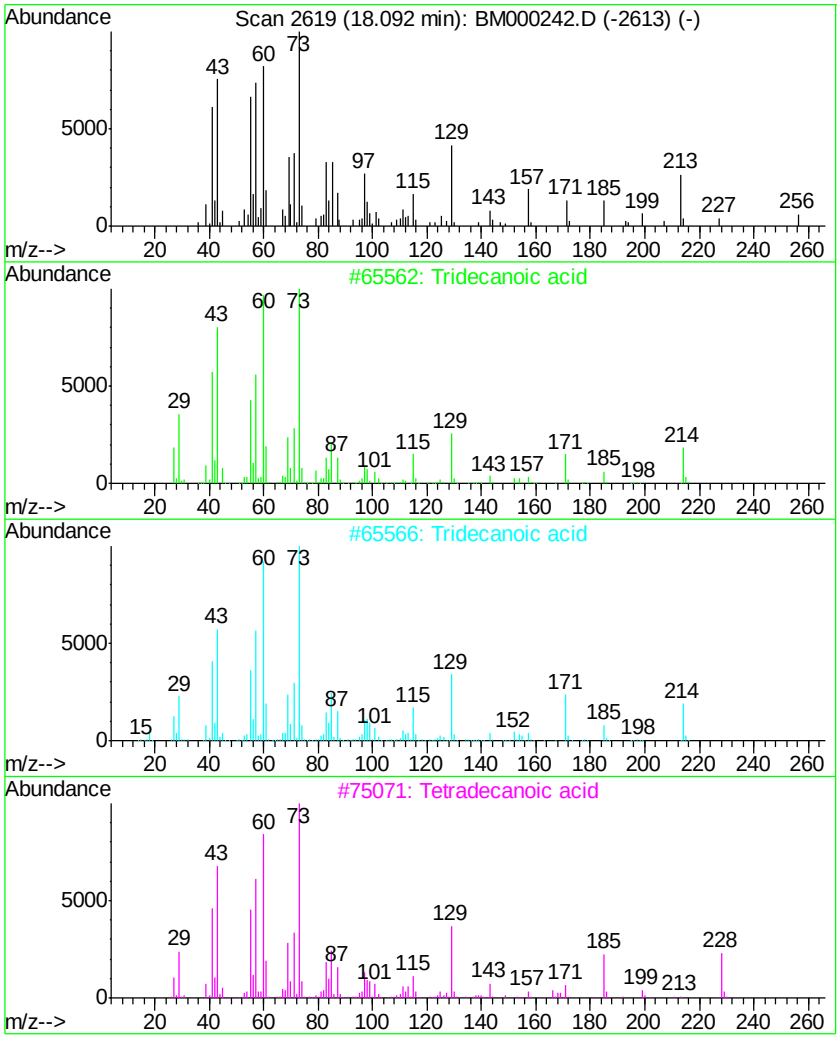
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

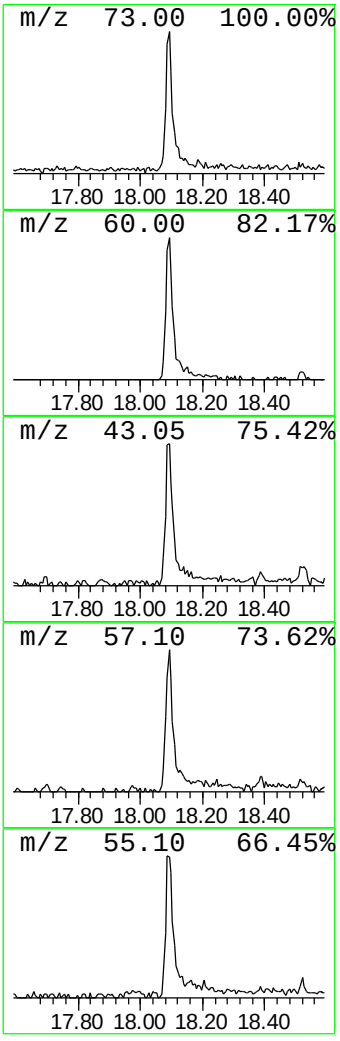
****

Peak Number 5 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.73 ng/ul	404135	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

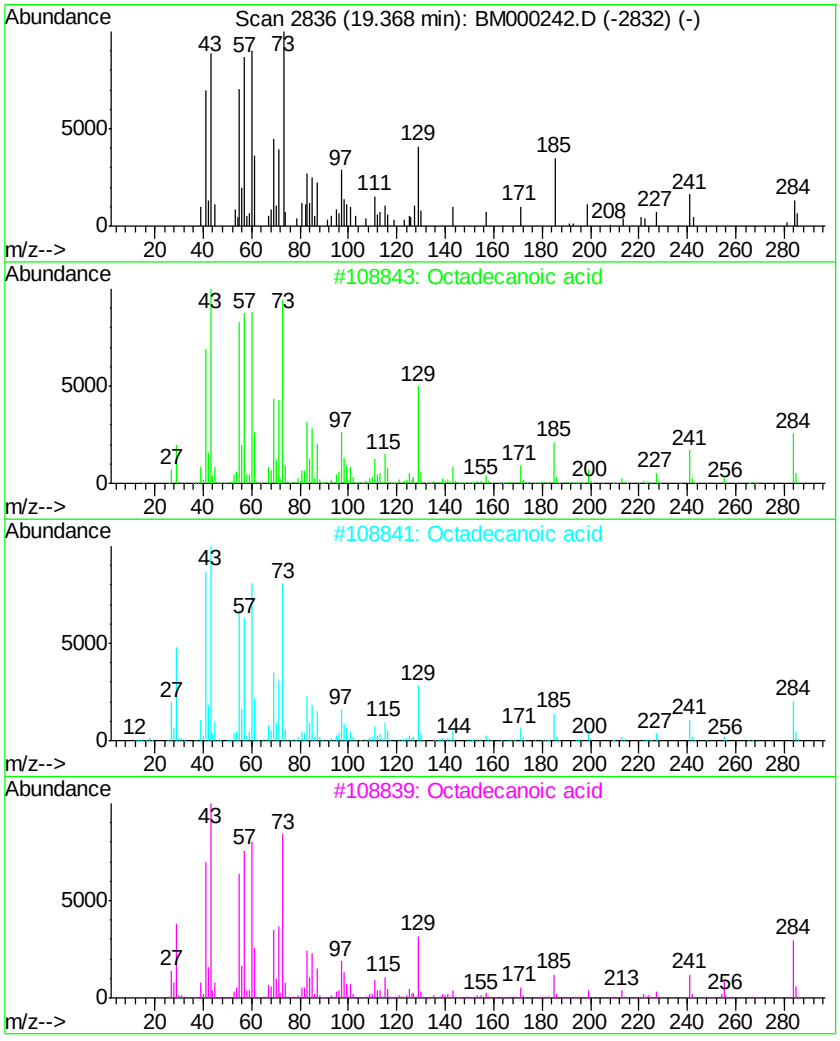
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

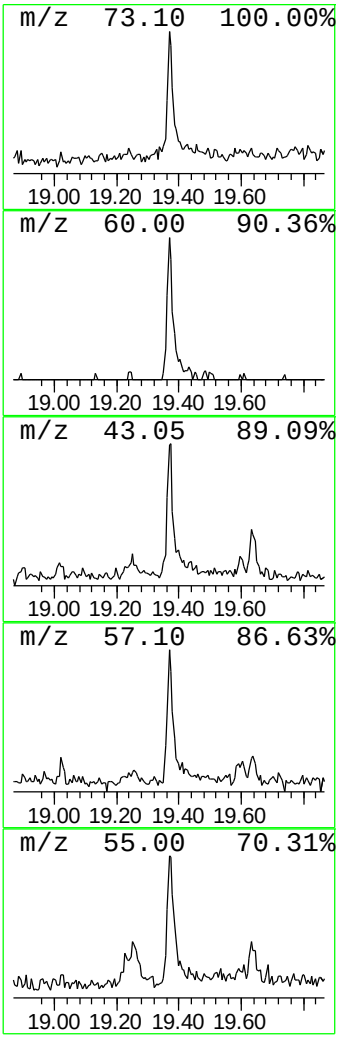
****

Peak Number 6 Octadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.07 ng/ul	164237	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
5	Octadecanoic acid	284	C18H36O2	000057-11-4	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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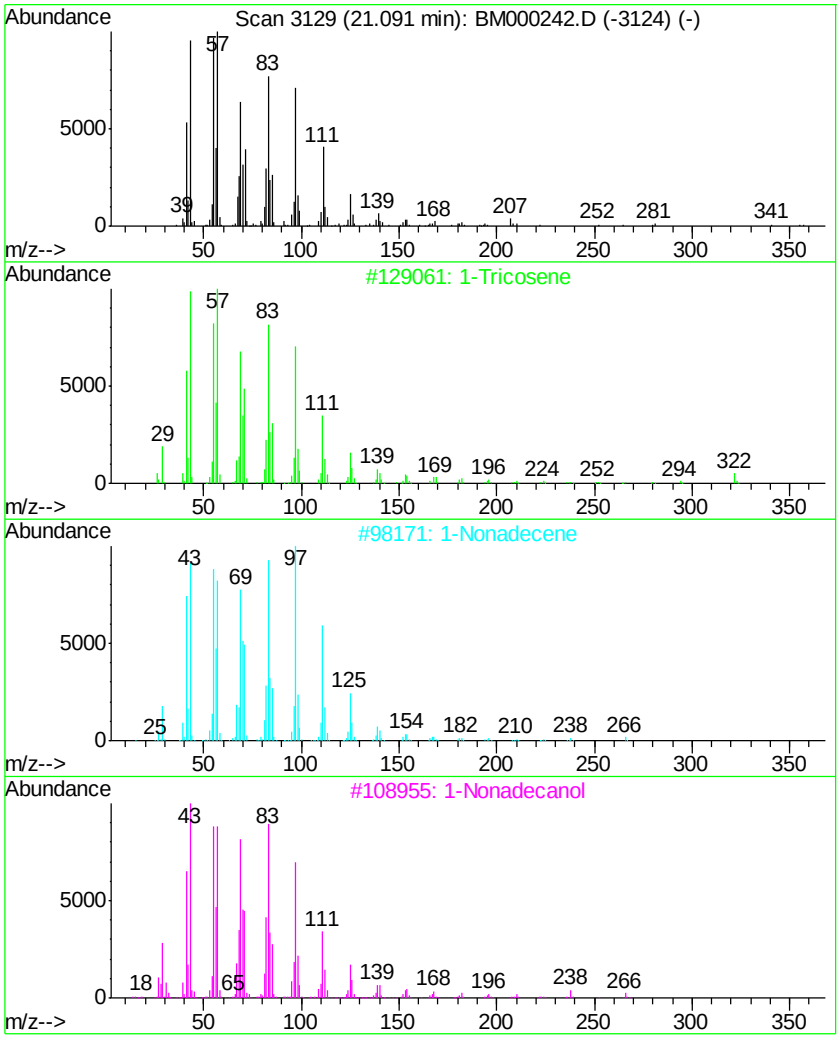
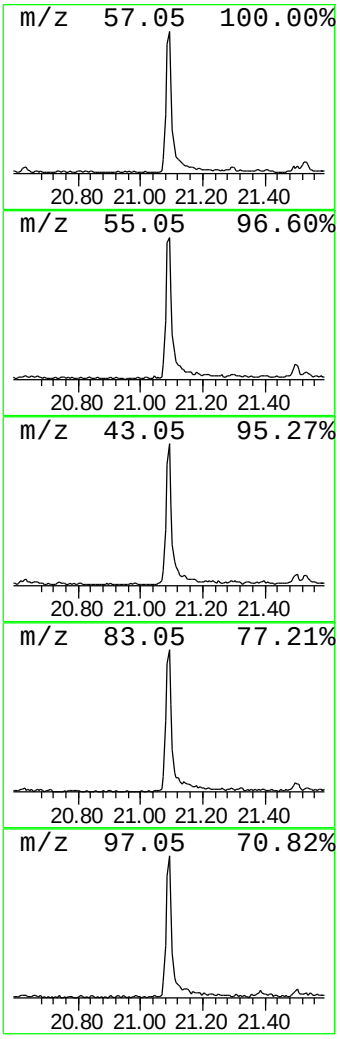
Peak Number 7 (DEL) Alkane: Cyclic Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	10.70 ng/ul	849792	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Nonadecanol	284	C19H40O	001454-84-8	90
4	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90





Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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TIC Integration Parameters: LSCINT.P

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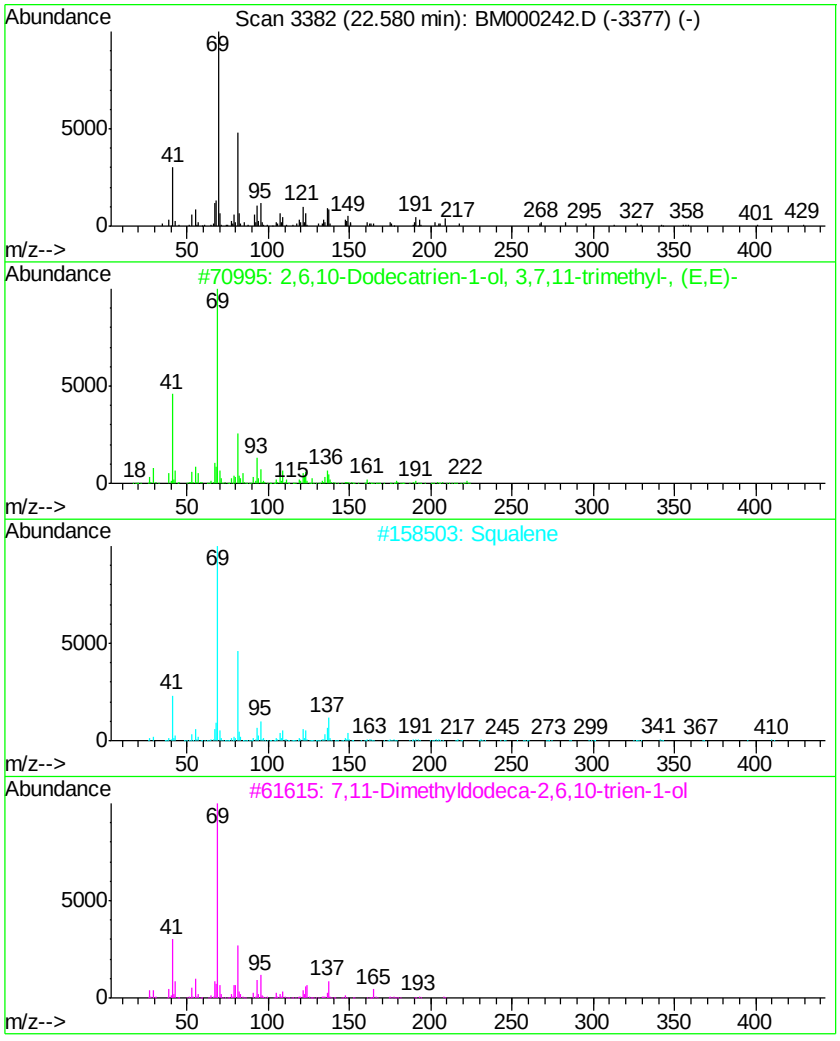
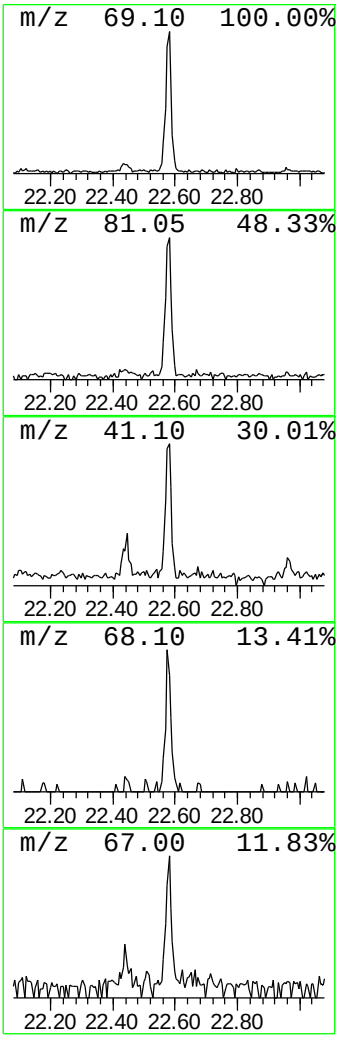
Peak Number 8 2,6,10-Dodecatrien-1-ol, 3,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.67 ng/ul	195798	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	000106-28-5	72
2	Squalene	410	C30H50	007683-64-9	72
3	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	59
4	1,5-Heptadiene, 3,3,6-trimethyl-	138	C10H18	035387-63-4	58
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

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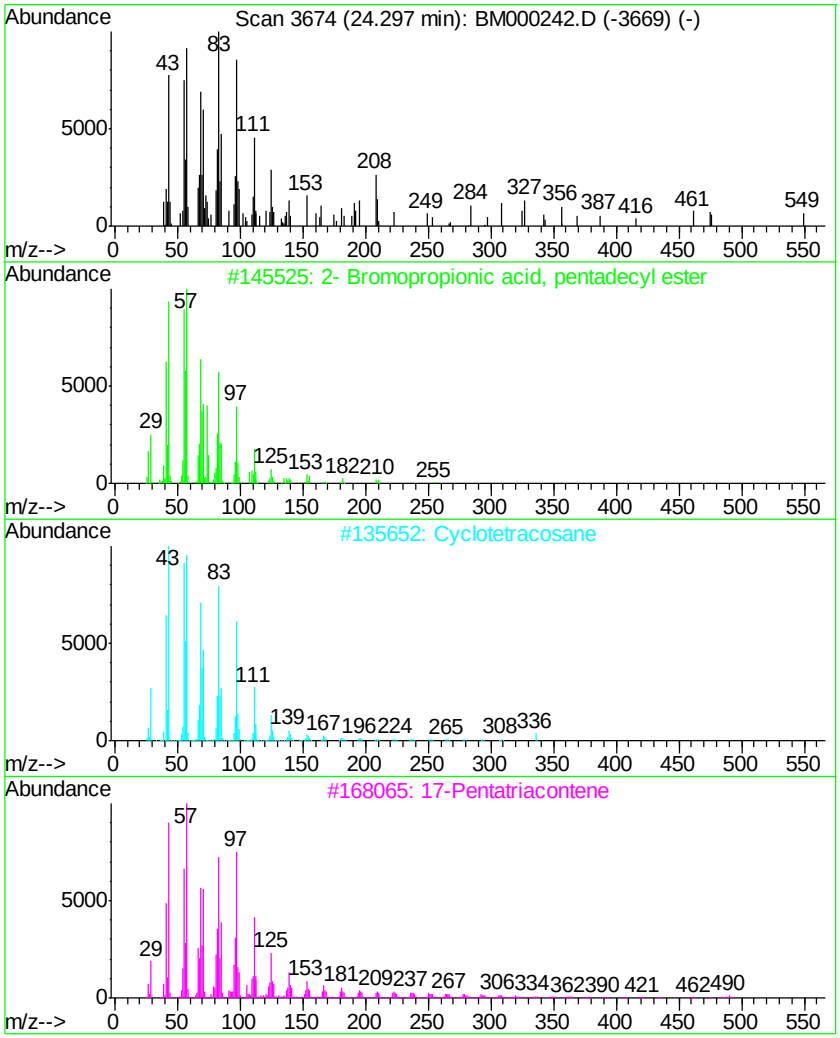
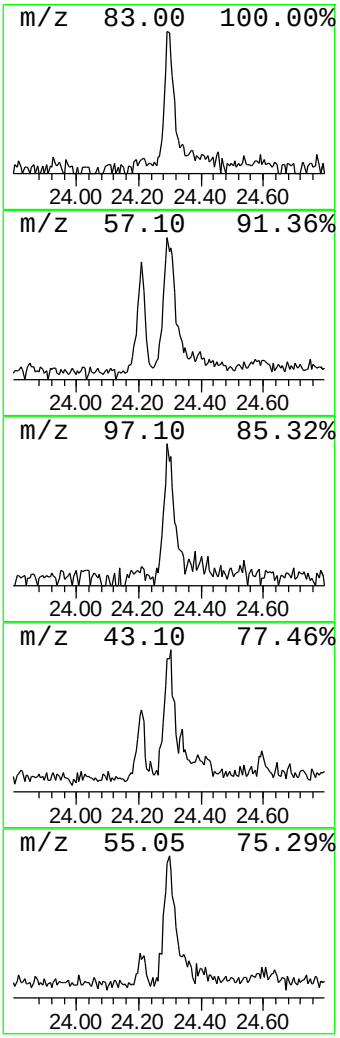
Peak Number 9 2- Bromopropionic acid, pen... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.30	2.29 ng/ul	167983	Perylene-d12	23.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2- Bromopropionic acid, pentadec...	362	C18H35BrO2	1000292-44-2	83
2	Cyclotetracosane	336	C24H48	000297-03-0	80
3	17-Pentatriacontene	491	C35H70	006971-40-0	80
4	1-Docosene	308	C22H44	001599-67-3	78
5	Cyclopentane, (4-octyldodecyl)-	350	C25H50	005638-09-5	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011615\
Data File : BM000242.D
Acq On : 16 Jan 2015 20:57
Operator : TP/IZ
Sample : G1065-08
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AF1

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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...	3.06	40.1	ng/ul	1302520	1	7.83	649460	20.0
2-Pentanone, 4-hy...	4.95	2.6	ng/ul	85192	1	7.83	649460	20.0
Benzophenone	15.82	3.0	ng/ul	173436	3	14.46	1174690	20.0
Tridecanoic acid	18.09	5.7	ng/ul	404135	4	17.20	1411310	20.0
Octadecanoic acid	19.37	2.1	ng/ul	164237	5	21.39	1588390	20.0
(DEL) Alkane: Cyclic	21.09	10.7	ng/ul	849792	5	21.39	1588390	20.0
2,6,10-Dodecatrie...	22.58	2.7	ng/ul	195798	6	23.68	1466270	20.0
2- Bromopropionic...	24.30	2.3	ng/ul	167983	6	23.68	1466270	20.0