LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

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-BM041515.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	2.781	11	16	33	rVB	2041340	3202129	100.00%	8.944%
2	2.922	39	40	44	rVB4	11169	8403	0.26%	0.023%
3	3.469	128	133	137	rBV5	9609	20057	0.63%	0.056%
4	3.563	145	149	154	rVB	27899	38412	1.20%	0.107%
5	3.640	159	162	166	rVB5	6520	7288	0.23%	0.020%
6	3.716	173	175	180	rBV5	9153	12656	0.40%	0.035%
7	4.152	244	249	253	rVB6	6925	11490	0.36%	0.032%
8	4.334	276	280	283	rVB6	15341	20203	0.63%	0.056%
9	4.681	335	339	349	rVB	40612	65120	2.03%	0.182%
10	4.787	354	357	361	rVV5	7835	9524	0.30%	0.027%
11	4.940	378	383	393	rBV7	10364	26188	0.82%	0.073%
12	5.569	487	490	493	rBV2	11504	13549	0.42%	0.038%
13	5.798	523	529	532	rVV7	5842	11618	0.36%	0.032%
14	5.969	555	558	561	rBV4	5984	8814	0.28%	0.025%
15	6.093	574	579	583	rBV2	22248	35953	1.12%	0.100%
16	6.257	603	607	611	rVB4	33389	52260	1.63%	0.146%
17	6.446	636	639	644	rVB6	5536	9495	0.30%	0.027%
18	6.569	653	660	662	rBV8	8025	12638	0.39%	0.035%
19	6.716	680	685	687	rBV2	42256	58980	1.84%	0.165%
20	6.757	687	692	702	rVB	434291	699143	21.83%	1.953%
21	6.875	707	712	714	rVV	70440	98831	3.09%	0.276%
22	6.910	714	718	729	rVV	349471	563086	17.58%	1.573%
23	7.010	730	735	738	rVV3	24908	38666	1.21%	0.108%
24	7.045	738	741	745	rVV4	14437	18906	0.59%	0.053%
25	7.110	745	752	760	rVV	445169	714827	22.32%	1.997%
26	7.198	763	767	773	rVB4	13514	22310	0.70%	0.062%
27	7.575	822	831	839	rBV	788581	1261062	39.38%	3.522%
28	7.645	839	843	846	rVV5	10955	15670	0.49%	0.044%
29	7.704	849	853	859	rVB2	17777	28702	0.90%	0.080%
30	7.792	861	868	872	rBV2	60041	97904	3.06%	0.273%
31	7.845	875	877	884	rVB3	12734	19160	0.60%	0.054%
32	8.239	940	944	947	rVV4	14004	23487	0.73%	0.066%
33	8.292	947	953	962	rVV	322655	524577	16.38%	1.465%
34	8.392	965	970	976	rVV	82498	135505	4.23%	0.378%

LSC Area Percent Report

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Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

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-BM041515.M
Title : SVOA CALIBRATION

35	8.451	976	980	982	rVV5	5911	7722	0.24%	0.022%
36	8.728	1020	1027	1036	rVV	416941	674346	21.06%	1.884%
37	9.151	1093	1099	1104	rVB3	12269	18045	0.56%	0.050%
38	9.445	1143	1149	1157	rBV	323872	541407	16.91%	1.512%
39	9.616	1173	1178	1186	rBV5	12889	35676	1.11%	0.100%
40	9.810	1206	1211	1217	rVB6	9175	14391	0.45%	0.040%
41	9.928	1227	1231	1234	rBV4	4367	7925	0.25%	0.022%
42	9.986	1234	1241	1250	rVV	480724	790141	24.68%	2.207%
43	10.139	1262	1267	1273	rBV3	24237	42173	1.32%	0.118%
44	10.357	1296	1304	1311	rBV	1127949	1806040	56.40%	5.044%
45	10.504	1322	1329	1343	rBV	114692	214178	6.69%	0.598%
46	10.851	1384	1388	1393	rBV7	10734	17537	0.55%	0.049%
47	10.904	1393	1397	1401	rVB6	7156	10878	0.34%	0.030%
48	11.151	1434	1439	1440	rBV4	7167	9284	0.29%	0.026%
49	11.957	1572	1576	1581	rVB4	7181	11491	0.36%	0.032%
50	12.380	1642	1648	1653	rBV5	8878	15759	0.49%	0.044%
51	12.575	1674	1681	1689	rBV2	92476	138550	4.33%	0.387%
52	12.686	1697	1700	1706	rVB7	5383	9568	0.30%	0.027%
53	12.739	1706	1709	1713	rBV4	5146	7453	0.23%	0.021%
54	12.833	1720	1725	1731	rBV	144642	203705	6.36%	0.569%
55	12.986	1746	1751	1753	rBV4	6876	9251	0.29%	0.026%
56	13.110	1768	1772	1774	rBV3	13292	16208	0.51%	0.045%
57	13.551	1843	1847	1854	rVB8	19090	37343	1.17%	0.104%
58	13.651	1857	1864	1868	rBV	822985	1136355	35.49%	3.174%
59	13.698	1868	1872	1878	rVB	118921	173015	5.40%	0.483%
60	13.921	1899	1910	1920	rBV	787919	1216305	37.98%	3.397%
61	14.074	1930	1936	1942	rBV8	18672	42242	1.32%	0.118%
62	14.139	1945	1947	1952	rVB2	24658	30610	0.96%	0.085%
63	14.239	1952	1964	1970	rBV2	1432977	2272340	70.96%	6.347%
64	14.298	1970	1974	1979	rVV3	50000	69086	2.16%	0.193%
65	14.351	1981	1983	1990	rVB6	13156	24045	0.75%	0.067%
66	14.404	1990	1992	1995	rVB4	6612	7355	0.23%	0.021%
67	14.457	1995	2001	2015	rBV	270616	512376	16.00%	1.431%
68	14.598	2021	2025	2031	rBV2	39004	55847	1.74%	0.156%
69	14.669	2032	2037	2042	rVV4	53858	76198	2.38%	0.213%
70	14.768	2050	2054	2055	rBV3	7861	9191	0.29%	0.026%
71	14.910	2075	2078	2081	rVB5	8293	11111	0.35%	0.031%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
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Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

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-BM041515.M
Title : SVOA CALIBRATION

72	15.016	2091	2096	2100	rBV	26559	41268	1.29%	0.115%
73	15.098	2107	2110	2115	rVB	31263	40148	1.25%	0.112%
74	15.233	2127	2133	2139	rBV	955148	1343519	41.96%	3.753%
75	15.286	2139	2142	2148	rVB4	15807	22515	0.70%	0.063%
76	15.363	2150	2155	2159	rBV2	125896	169759	5.30%	0.474%
77	15.421	2161	2165	2170	rBV5	58446	82101	2.56%	0.229%
78	15.474	2170	2174	2176	rBV4	15864	21051	0.66%	0.059%
79	15.604	2187	2196	2202	rBV3	32452	72380	2.26%	0.202%
80	15.680	2205	2209	2213	rBV3	27675	38272	1.20%	0.107%
81	15.792	2224	2228	2234	rVB3	37095	52745	1.65%	0.147%
82	15.886	2241	2244	2245	rBV2	9158	9498	0.30%	0.027%
83	15.963	2253	2257	2259	rBV	43074	52513	1.64%	0.147%
84	16.051	2268	2272	2277	rBV	177244	252890	7.90%	0.706%
85	16.474	2342	2344	2346	rVB3	13834	9319	0.29%	0.026%
86	16.533	2351	2354	2363	rVB6	32884	48591	1.52%	0.136%
87	16.757	2388	2392	2395	rBV3	32283	50538	1.58%	0.141%
88	16.986	2425	2431	2435	rBV	1770552	2464503	76.96%	6.884%
89	17.027	2435	2438	2442	rVV	139623	175297	5.47%	0.490%
90	17.080	2442	2447	2458	rVB2	887375	1280504	39.99%	3.577%
91	17.886	2580	2584	2594	rBV3	300089	448341	14.00%	1.252%
92	19.051	2778	2782	2789	rVB	303630	391700	12.23%	1.094%
93	19.174	2801	2803	2813	rBV6	99803	170922	5.34%	0.477%
94	19.386	2834	2839	2843	rBV	967883	1458308	45.54%	4.073%
95	20.703	3059	3063	3067	rVB	560055	664163	20.74%	1.855%
96	20.762	3070	3073	3078	rVB	814137	928021	28.98%	2.592%
97	20.898	3091	3096	3102	rBV2	745914	1228598	38.37%	3.432%
98	21.127	3132	3135	3139	rBV	674092	786549	24.56%	2.197%
99	21.186	3140	3145	3149	rVV	2222623	2867416	89.55%	8.009%
100	23.356	3509	3514	3521	rVB	1443401	2469318	77.11%	6.897%

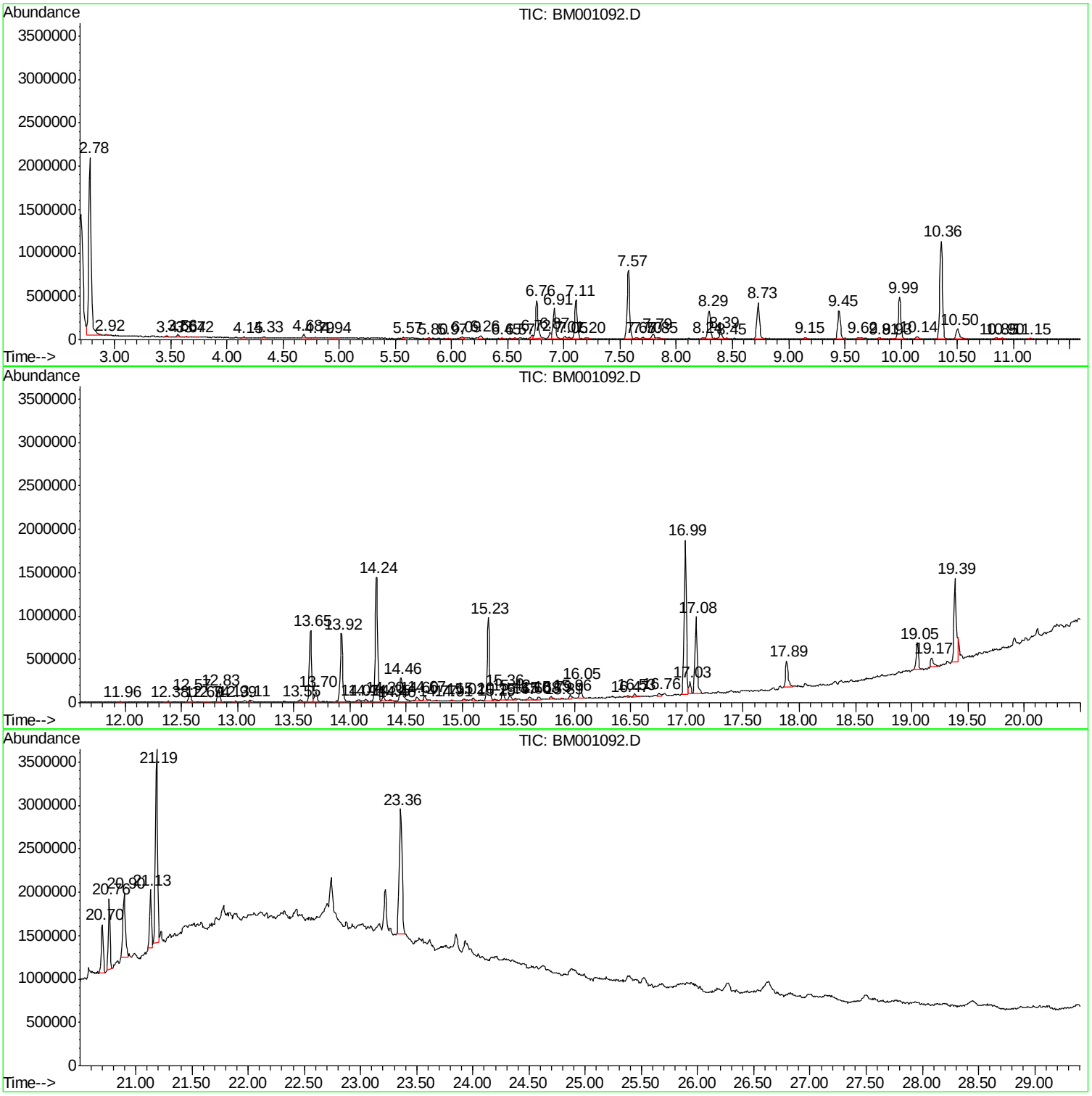
Sum of corrected areas: 35802507

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

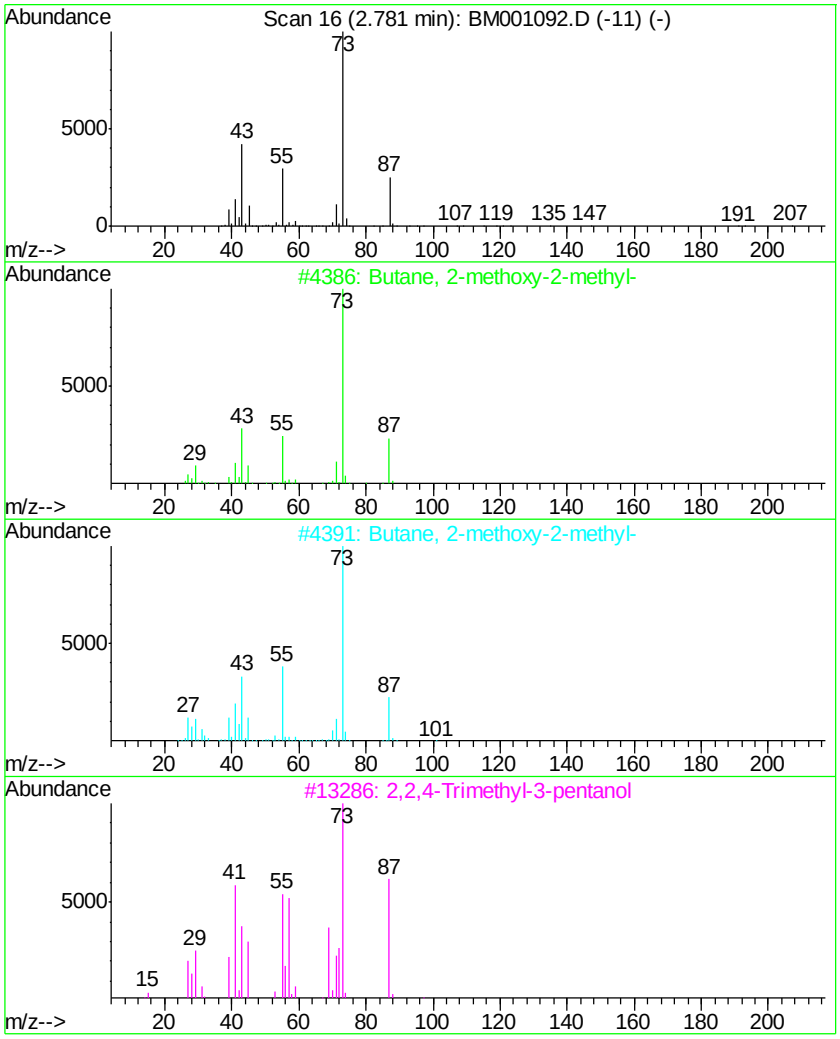
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

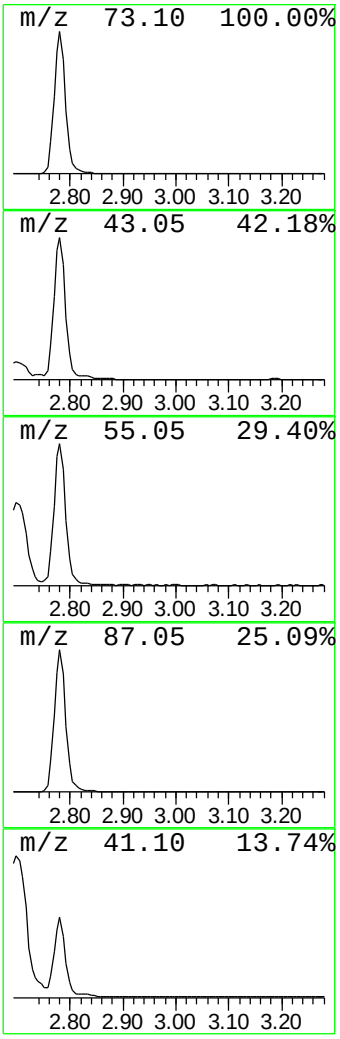
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.78	50.78 ng/ul	3202130	1,4-Dichlorobenzene-d4	7.57

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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	37
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

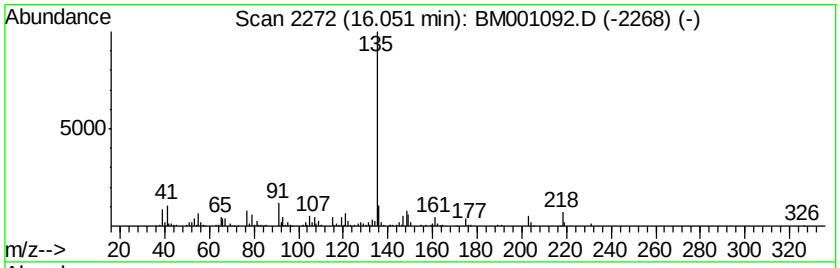
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

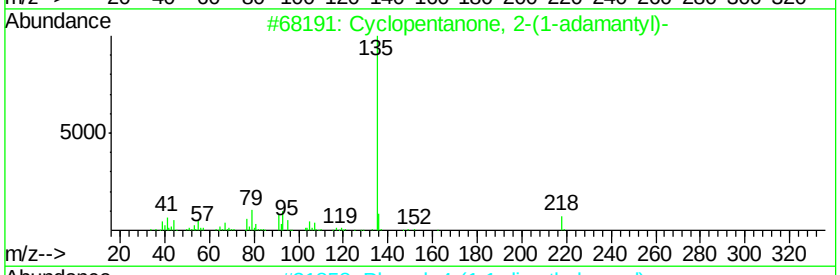
****

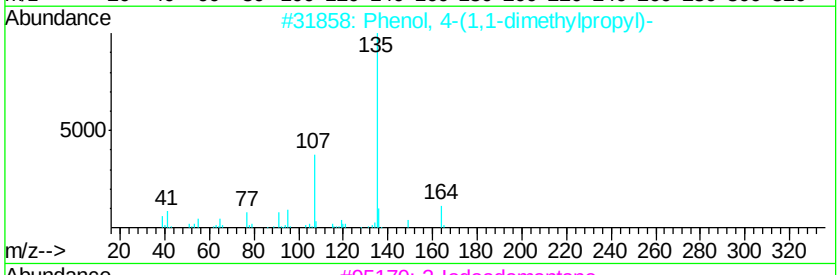
Peak Number 2 Cyclopentanone, 2-(1-adaman... Concentration Rank 6

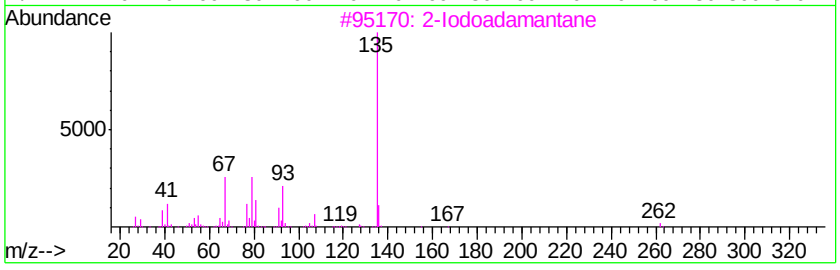
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.05	2.05 ng/ul	252890	Phenanthrene-d10	16.99

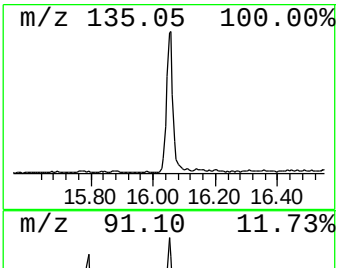
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 2-(1-adamantyl)-	218	C15H22O	069010-50-0	62
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	59
3	2-Iodoadamantane	262	C10H15I	018971-91-0	53
4	Bicyclo[2.2.1]hept-2-en-7-ol, 7-...	216	C14H16O2	013118-72-4	53
5	Benzenesulfonamide, N-(1-adamant...	335	C18H25NO3S	1000297-54-4	53

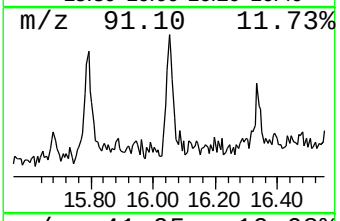


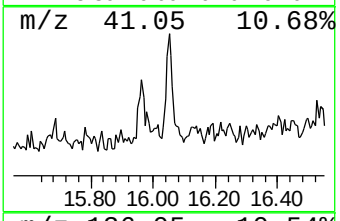


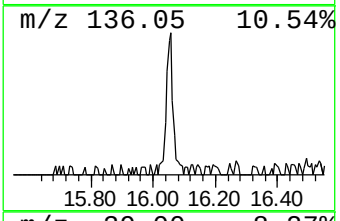


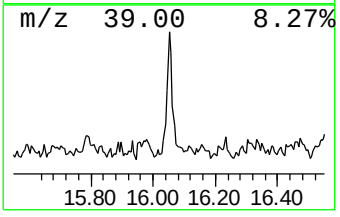












Library Search Compound Report

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Data File : BM001092.D
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Sample : G1859-10
Misc :
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Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

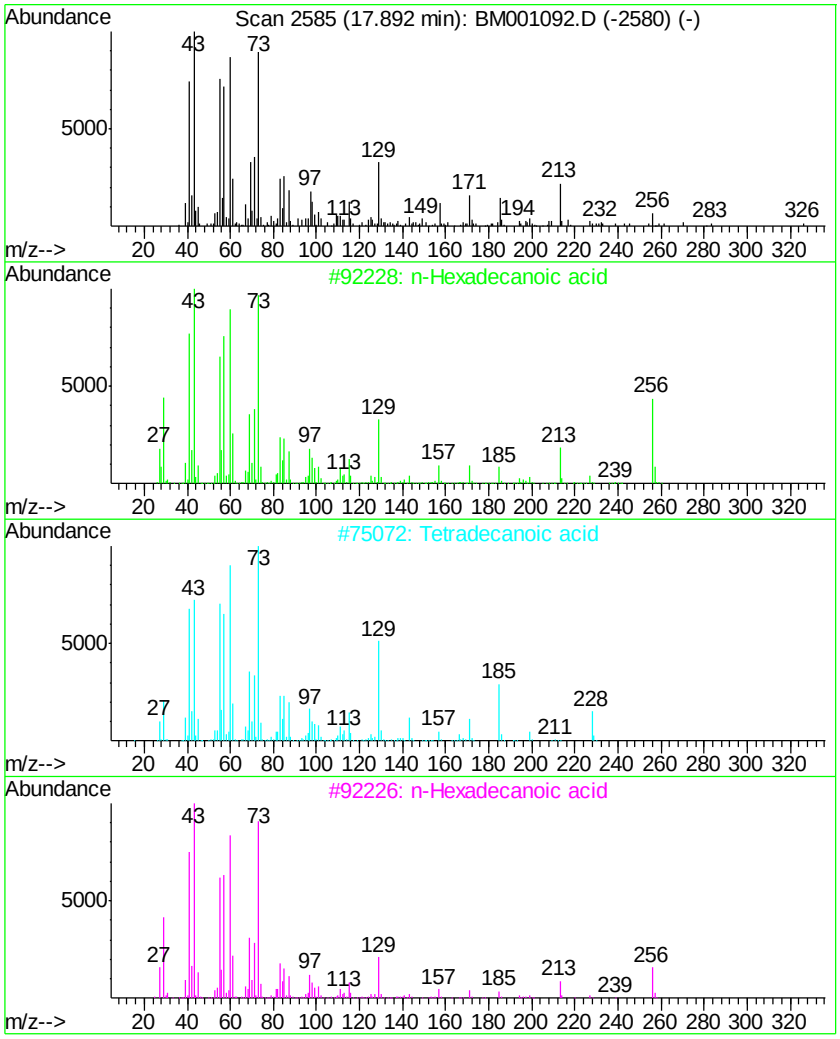
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

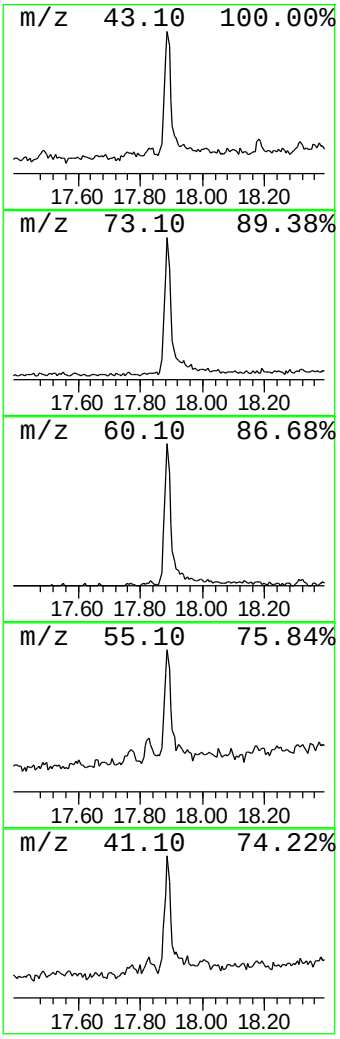
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	3.64 ng/ul	448341	Phenanthrene-d10	16.99

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Library Search Compound Report

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Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

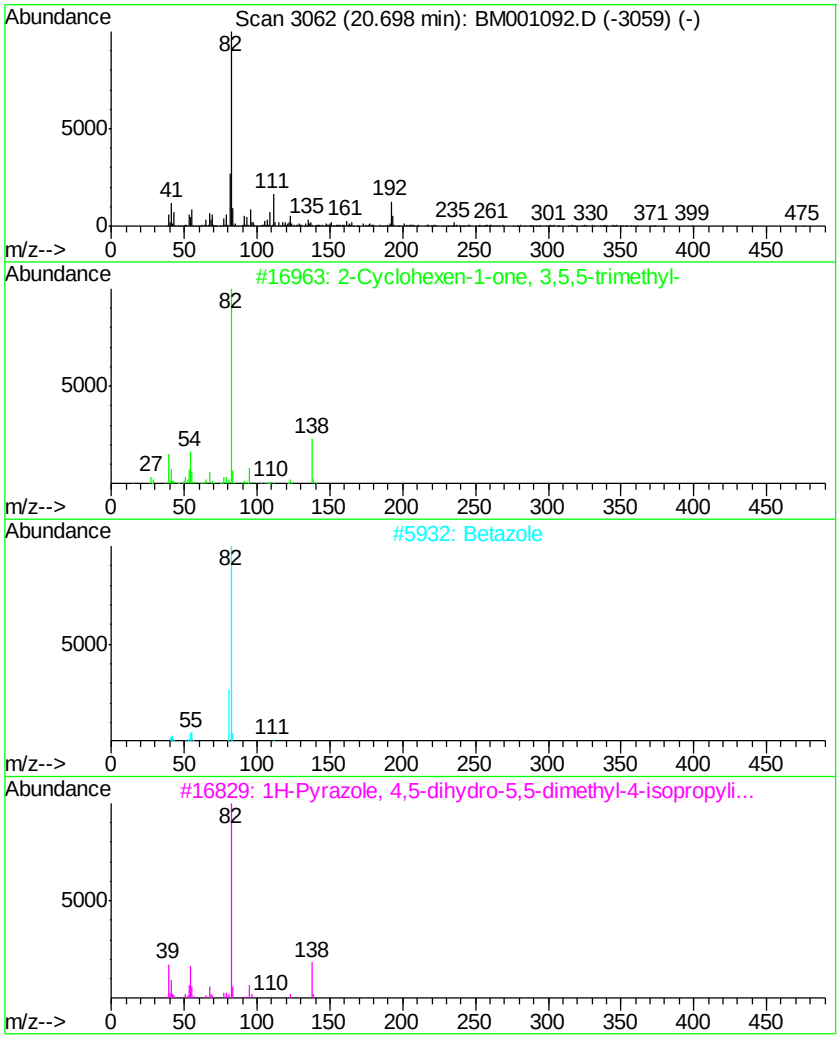
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

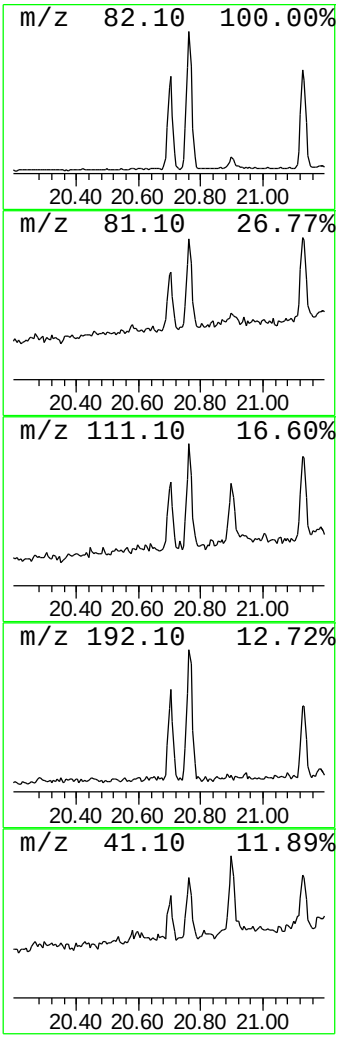
****

Peak Number 4 2-Cyclohexen-1-one, 3,5,5-t... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.70	4.63 ng/ul	664163	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	53
2	Betazole	111	C5H9N3	000105-20-4	50
3	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	42
4	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	42
5	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	40





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Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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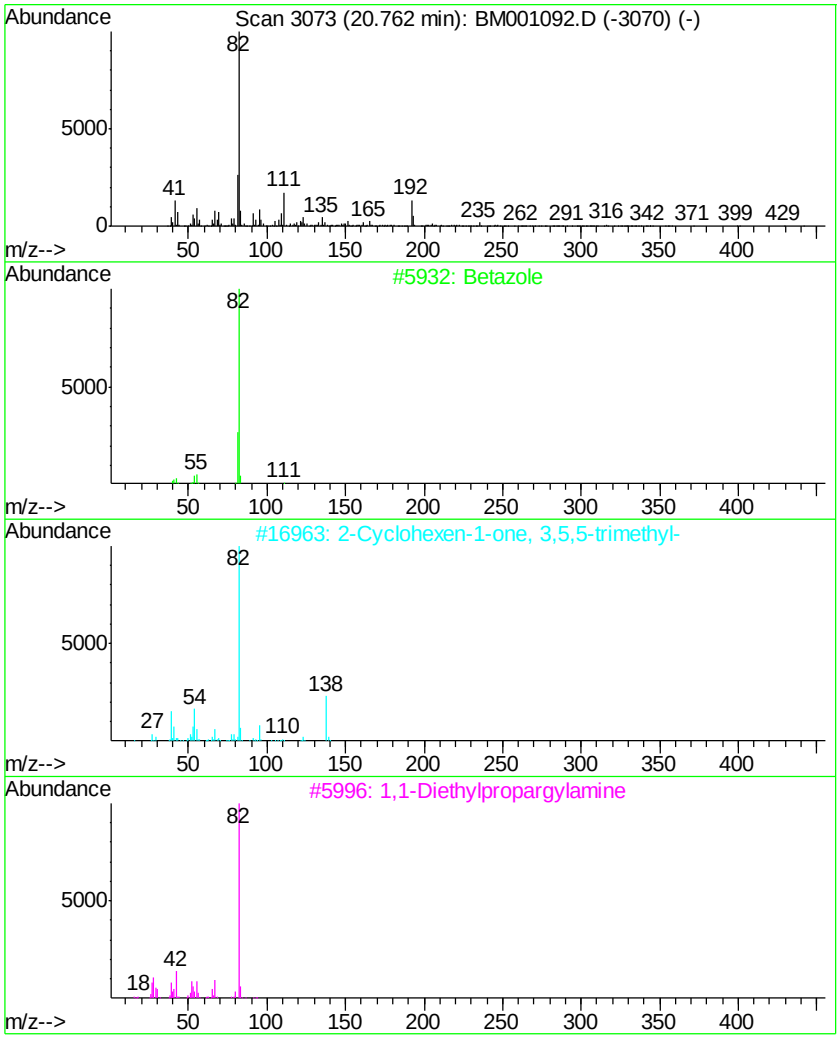
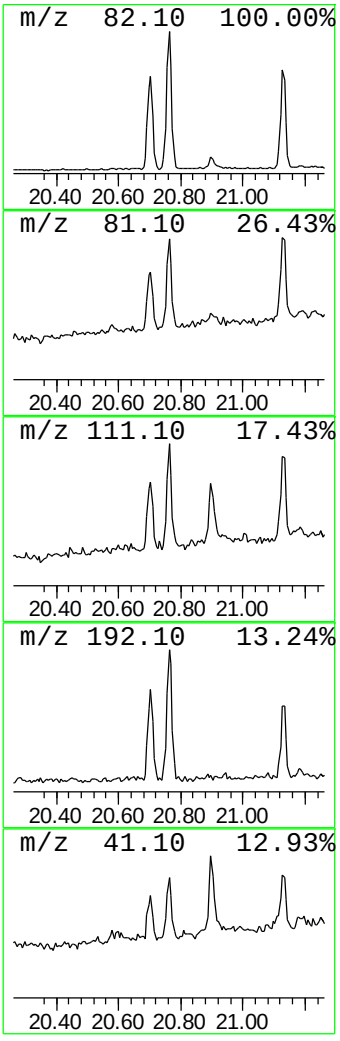
Peak Number 5 Betazole Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	6.47 ng/ul	928021	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Betazole	111	C5H9N3	000105-20-4	53
2	2-Cyclohexen-1-one, 3,5,5-trimet...	138	C9H14O	000078-59-1	52
3	1,1-Diethylpropargylamine	111	C7H13N	003234-64-8	47
4	1H-Pyrazole, 4,5-dihydro-5,5-dim...	138	C8H14N2	106251-09-6	40
5	Pyrazole-3-propanoic acid, .beta...	253	C12H19N3O3	1000269-45-3	40





Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

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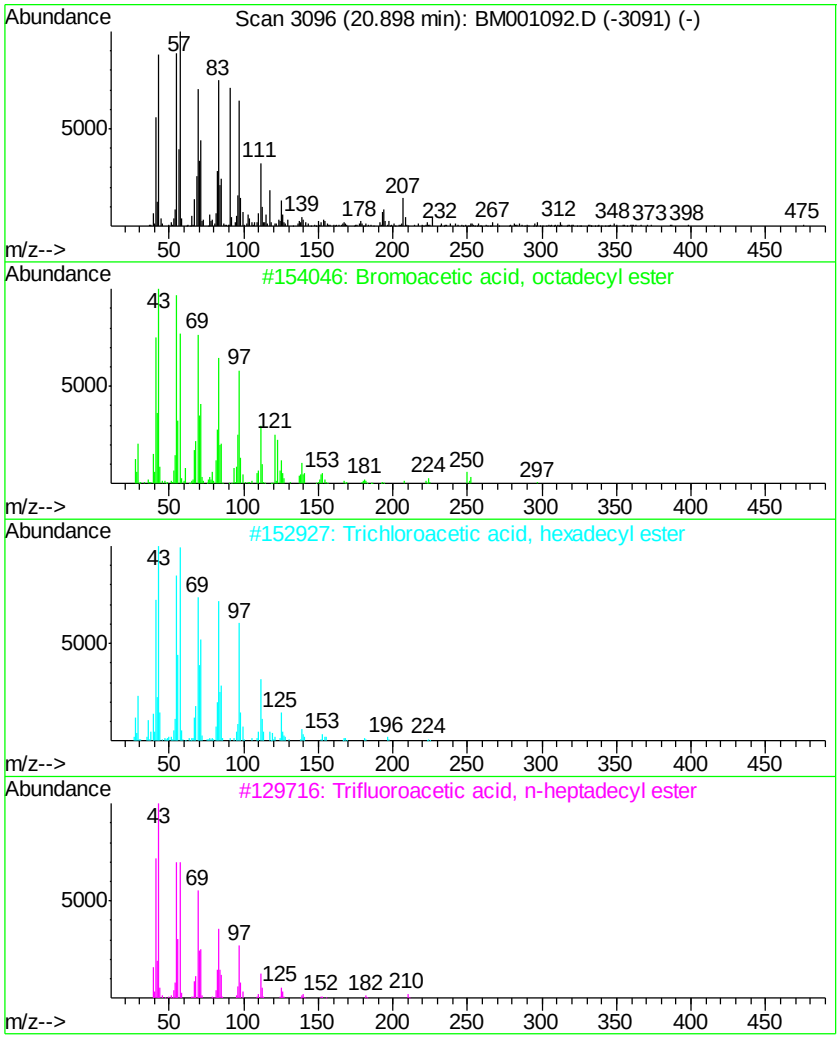
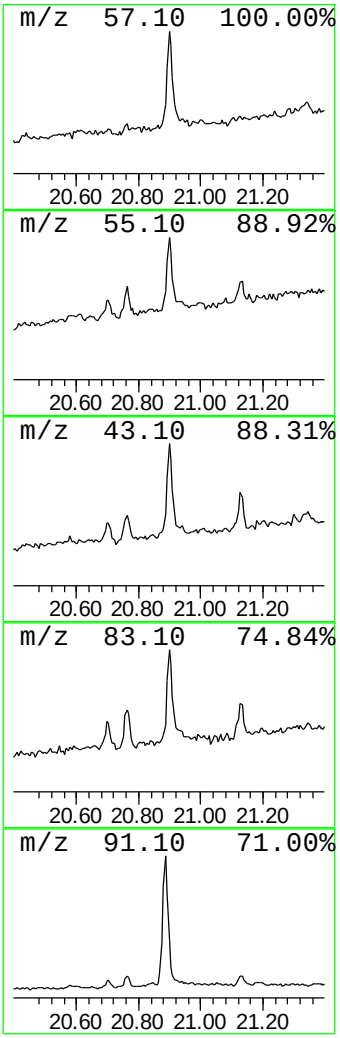
Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	8.57 ng/ul	1228600	Chrysene-d12	21.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	93
3	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001092.D
Acq On : 21 Apr 2015 07:35
Operator : TP/IZ
Sample : G1859-10
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM01.2-EPA-BM041515.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...	2.78	50.8	ng/ul	3202130	1	7.57	1261060	20.0
Cyclopentanone, 2...	16.05	2.0	ng/ul	252890	4	16.99	2464500	20.0
n-Hexadecanoic acid	17.89	3.6	ng/ul	448341	4	16.99	2464500	20.0
2-Cyclohexen-1-on...	20.70	4.6	ng/ul	664163	5	21.19	2867420	20.0
Betazole	20.76	6.5	ng/ul	928021	5	21.19	2867420	20.0
Bromoacetic acid,...	20.90	8.6	ng/ul	1228600	5	21.19	2867420	20.0