LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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	2.981	46	50	58	rBV	392280	597151	19.39%	1.292%
2	3.058	58	63	77	rVB	1432949	1883597	61.17%	4.077%
3	4.563	316	319	325	rVB3	85048	133361	4.33%	0.289%
4	6.981	724	730	744	rVB	801584	1374605	44.64%	2.975%
5	7.151	754	759	767	rVB	566022	885256	28.75%	1.916%
6	7.351	787	793	804	rVB	756423	1227296	39.86%	2.656%
7	7.440	804	808	812	rBV2	46732	63984	2.08%	0.138%
8	7.822	867	873	880	rVB	728010	1147667	37.27%	2.484%
9	8.516	985	991	1003	rVB	898760	1461298	47.46%	3.163%
10	8.975	1063	1069	1076	rVB	836023	1350632	43.86%	2.923%
11	9.210	1107	1109	1110	rBV	6756	4540	0.15%	0.010%
12	9.387	1136	1139	1145	rVB2	15829	23732	0.77%	0.051%
13	9.692	1184	1191	1201	rBV	620318	1072096	34.82%	2.320%
14	10.063	1253	1254	1258	rVB2	5579	4465	0.15%	0.010%
15	10.228	1275	1282	1293	rBV	884461	1485775	48.25%	3.216%
16	10.610	1340	1347	1358	rVB	882023	1514326	49.18%	3.278%
17	10.745	1363	1370	1382	rVB	789146	1319117	42.84%	2.855%
18	11.692	1528	1531	1534	rVV2	2926	4104	0.13%	0.009%
19	11.928	1565	1571	1580	rBV	143155	234595	7.62%	0.508%
20	12.198	1613	1617	1622	rVB4	12158	17835	0.58%	0.039%
21	12.439	1655	1658	1662	rBV2	3461	4084	0.13%	0.009%
22	12.692	1699	1701	1706	rVB2	3471	4691	0.15%	0.010%
23	12.810	1720	1721	1726	rVB3	5568	4610	0.15%	0.010%
24	12.910	1735	1738	1740	rBV3	3817	4640	0.15%	0.010%
25	13.063	1759	1764	1766	rBV3	4604	4848	0.16%	0.010%
26	13.275	1796	1800	1807	rBV5	11059	16657	0.54%	0.036%
27	13.480	1831	1835	1838	rVB2	3118	4056	0.13%	0.009%
28	13.863	1894	1900	1904	rBV	1478525	2014634	65.43%	4.360%
29	13.910	1904	1908	1918	rVV	447168	603942	19.61%	1.307%
30	13.986	1918	1921	1923	rVV2	3520	4243	0.14%	0.009%
31	14.151	1942	1949	1959	rVB	1527346	2302111	74.76%	4.983%
32	14.322	1973	1978	1980	rBV2	2661	4848	0.16%	0.010%
33	14.351	1980	1983	1990	rVB3	20611	27352	0.89%	0.059%
34	14.457	1994	2001	2008	rBV	1230004	1773848	57.61%	3.839%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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	14.645	2026	2033	2043	rBV	605689	957924	31.11%	2.073%
36	14.727	2043	2047	2054	rVB3	59188	89809	2.92%	0.194%
37	14.869	2066	2071	2076	rVB5	21040	28442	0.92%	0.062%
38	14.957	2082	2086	2092	rVB5	12282	15241	0.49%	0.033%
39	15.216	2122	2130	2136	rBV	79266	112117	3.64%	0.243%
40	15.304	2141	2145	2152	rVB4	9034	13553	0.44%	0.029%
41	15.451	2163	2170	2179	rBV	1882506	2683973	87.17%	5.809%
42	15.563	2183	2189	2200	rBV	509959	707605	22.98%	1.532%
43	15.686	2206	2210	2216	rVB3	18753	28886	0.94%	0.063%
44	15.816	2225	2232	2245	rBV	739811	1013875	32.93%	2.194%
45	16.015	2264	2266	2269	rVB4	3147	3693	0.12%	0.008%
46	16.157	2287	2290	2292	rBV3	5087	4992	0.16%	0.011%
47	16.351	2318	2323	2327	rVB3	4148	6840	0.22%	0.015%
48	16.410	2330	2333	2334	rVV3	2960	3619	0.12%	0.008%
49	16.433	2334	2337	2340	rVB4	3958	5626	0.18%	0.012%
50	16.521	2350	2352	2355	rVB3	3424	3554	0.12%	0.008%
51	16.592	2361	2364	2367	rBV4	5874	7340	0.24%	0.016%
52	16.839	2401	2406	2410	rBV2	4252	7939	0.26%	0.017%
53	16.957	2423	2426	2428	rBV3	5051	5045	0.16%	0.011%
54	16.992	2428	2432	2434	rVV3	6269	8790	0.29%	0.019%
55	17.015	2434	2436	2438	rVB2	4624	3658	0.12%	0.008%
56	17.110	2448	2452	2457	rVB3	3516	6075	0.20%	0.013%
57	17.198	2461	2467	2474	rBV2	1440192	2045051	66.42%	4.426%
58	17.298	2478	2484	2493	rVV2	2017038	2829476	91.89%	6.124%
59	17.368	2493	2496	2497	rVV3	6020	7293	0.24%	0.016%
60	17.392	2497	2500	2503	rVB3	14387	15222	0.49%	0.033%
61	17.468	2509	2513	2515	rBV4	3279	4413	0.14%	0.010%
62	17.639	2540	2542	2546	rBV4	3544	5607	0.18%	0.012%
63	17.692	2547	2551	2554	rVV2	5708	6934	0.23%	0.015%
64	17.857	2577	2579	2584	rVV4	3210	4182	0.14%	0.009%
65	17.957	2593	2596	2599	rBV2	7202	10356	0.34%	0.022%
66	18.086	2613	2618	2630	rBV	331488	511472	16.61%	1.107%
67	18.380	2663	2668	2670	rBV4	8513	12945	0.42%	0.028%
68	18.427	2675	2676	2683	rVV7	5087	8524	0.28%	0.018%
69	18.515	2688	2691	2695	rVB4	8274	10993	0.36%	0.024%
70	18.586	2700	2703	2706	rBV4	4822	5902	0.19%	0.013%
71	18.621	2706	2709	2711	rBV3	4384	5823	0.19%	0.013%

LSC Area Percent Report

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Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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	18.751	2729	2731	2735	rVB3	7002	7659	0.25%	0.017%
73	18.792	2735	2738	2740	rBV4	4418	4593	0.15%	0.010%
74	18.939	2762	2763	2767	rBV4	3445	5280	0.17%	0.011%
75	19.021	2773	2777	2781	rVB5	7799	11573	0.38%	0.025%
76	19.145	2796	2798	2800	rVB3	4831	3799	0.12%	0.008%
77	19.221	2806	2811	2814	rBV5	41246	67763	2.20%	0.147%
78	19.368	2832	2836	2848	rBV2	189467	277374	9.01%	0.600%
79	19.480	2852	2855	2859	rVB3	19997	22700	0.74%	0.049%
80	19.521	2859	2862	2865	rVB3	22969	21317	0.69%	0.046%
81	19.592	2868	2874	2880	rBV	2210409	3079152	100.00%	6.664%
82	19.639	2880	2882	2888	rVB4	43385	63751	2.07%	0.138%
83	19.862	2918	2920	2921	rBV2	5182	3714	0.12%	0.008%
84	19.939	2930	2933	2934	rBV3	5552	6059	0.20%	0.013%
85	20.127	2962	2965	2973	rBV9	18190	36061	1.17%	0.078%
86	20.374	3004	3007	3009	rBV3	7559	7268	0.24%	0.016%
87	20.468	3018	3023	3024	rBV4	11194	15747	0.51%	0.034%
88	20.562	3036	3039	3042	rBV3	23069	24310	0.79%	0.053%
89	20.627	3047	3050	3054	rVV5	16754	19174	0.62%	0.041%
90	21.098	3124	3130	3141	rBV2	289621	684872	22.24%	1.482%
91	21.268	3157	3159	3160	rBV2	12371	7797	0.25%	0.017%
92	21.292	3160	3163	3168	rVB2	64626	82786	2.69%	0.179%
93	21.386	3173	3179	3189	rBV	1800992	2316238	75.22%	5.013%
94	21.497	3194	3198	3201	rBV2	108942	126640	4.11%	0.274%
95	21.968	3275	3278	3281	rBV5	27507	36351	1.18%	0.079%
96	22.009	3282	3285	3287	rBV4	26415	37615	1.22%	0.081%
97	22.433	3354	3357	3363	rVB4	56946	85211	2.77%	0.184%
98	22.574	3376	3381	3387	rBV	147248	217969	7.08%	0.472%
99	23.527	3536	3543	3556	rVB2	1568562	2961478	96.18%	6.410%
100	23.674	3561	3568	3580	rVB2	1052541	2186042	70.99%	4.731%

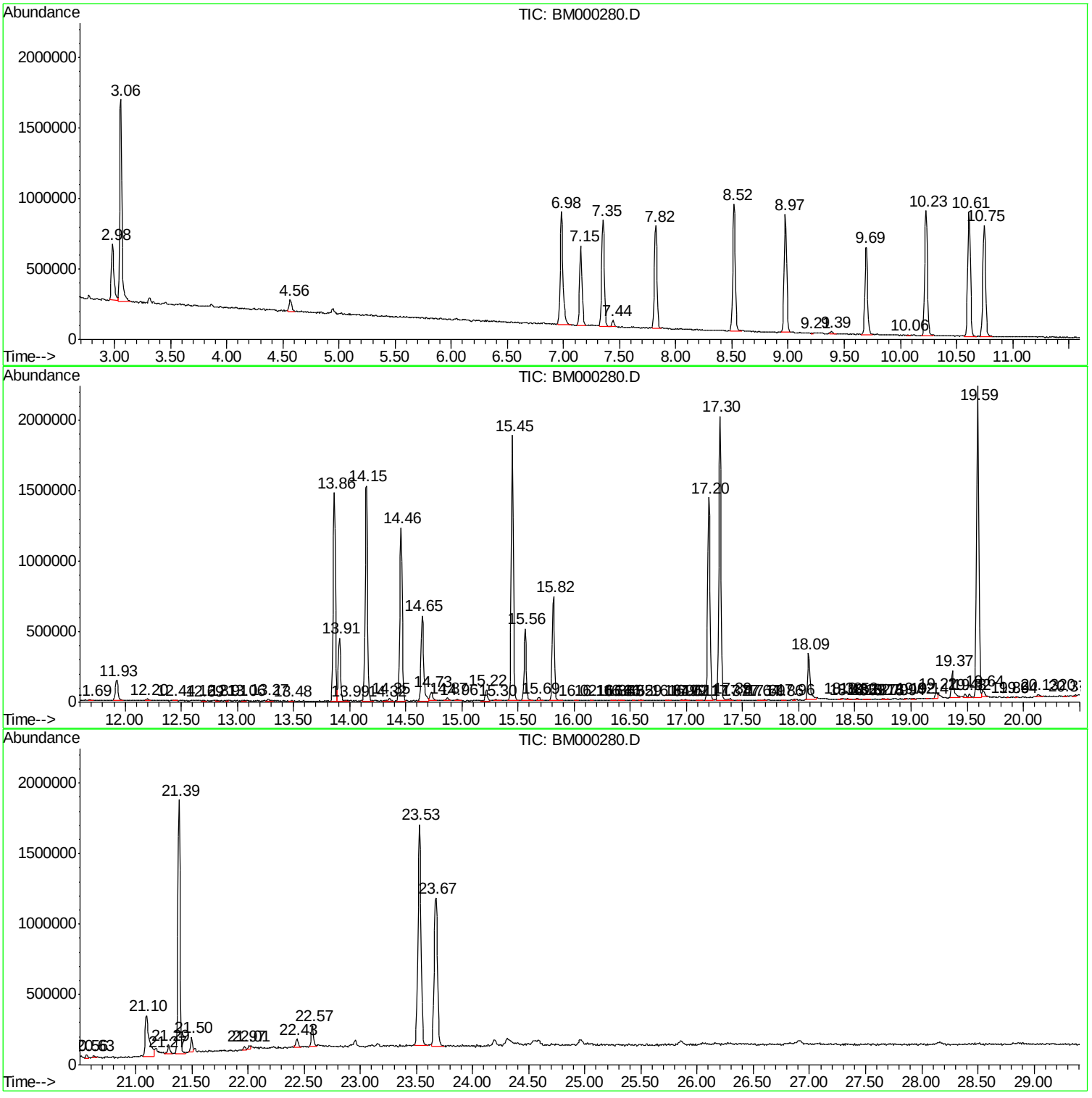
Sum of corrected areas: 46203078

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
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Sample : G1102-12
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

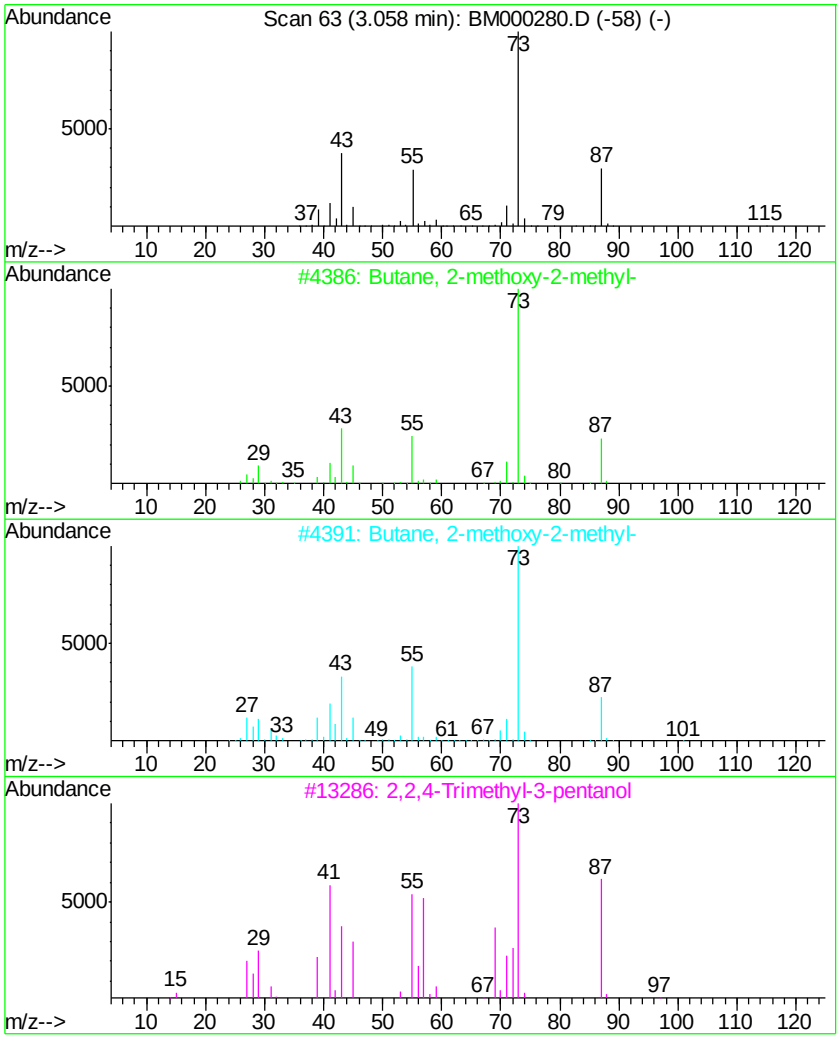
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

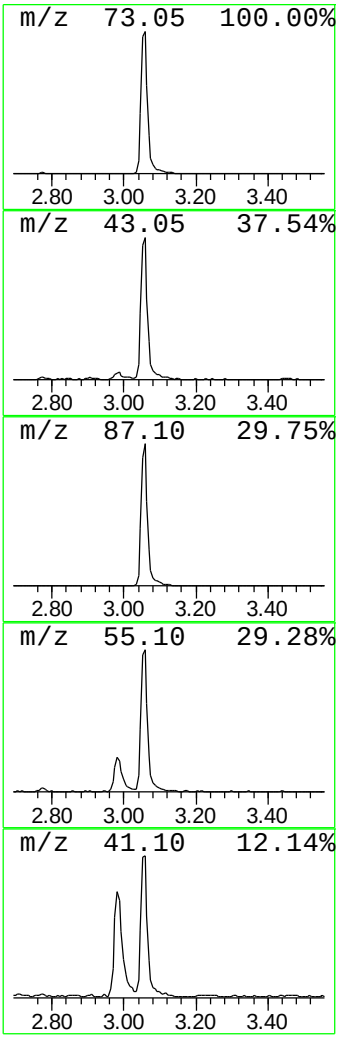
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.06	32.82 ng/ul	1883600	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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

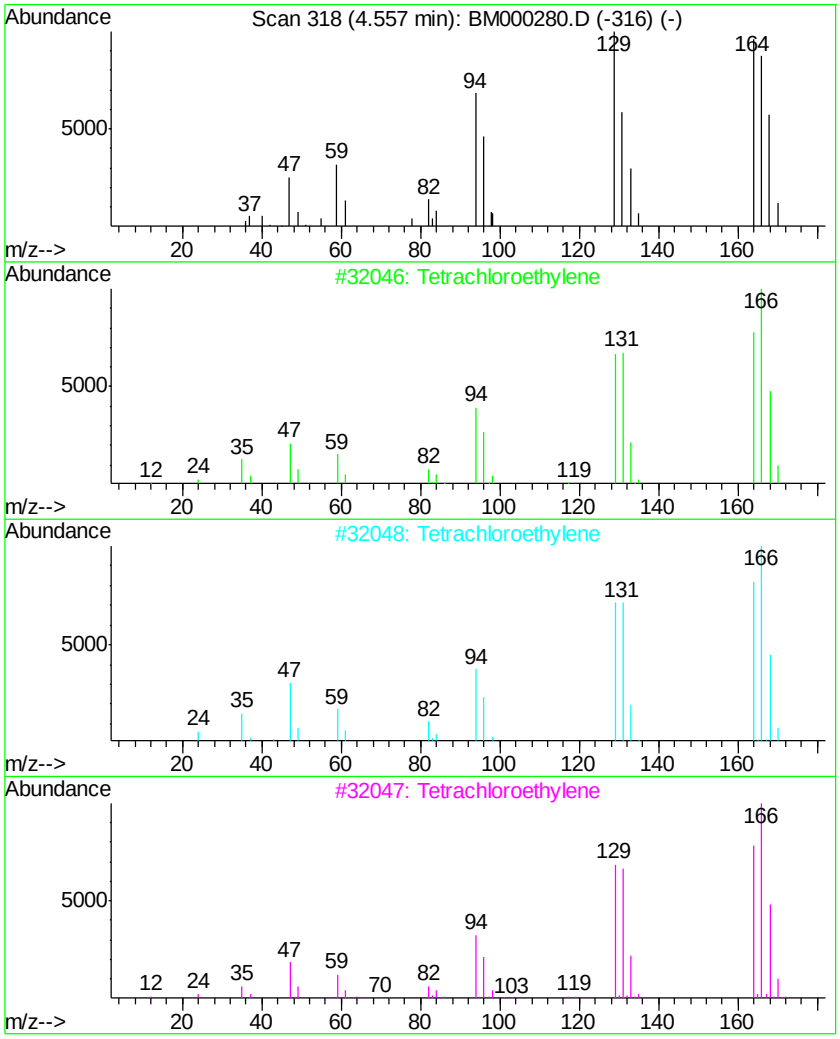
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

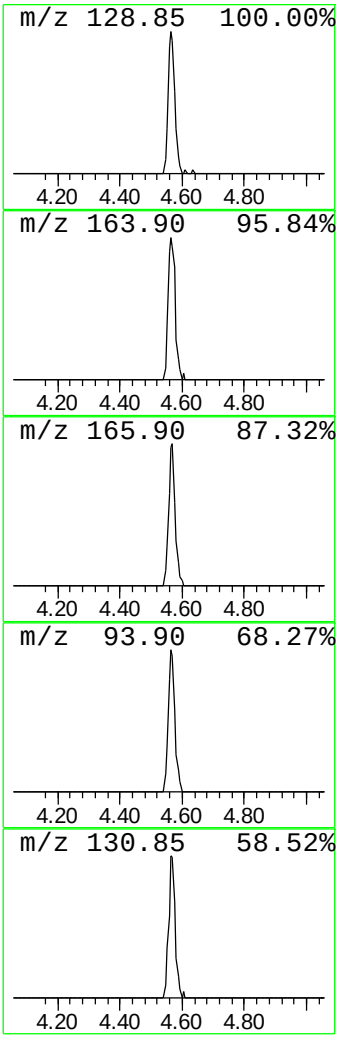
****

Peak Number 3 Tetrachloroethylene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	2.32 ng/ul	133361	1,4-Dichlorobenzene-d4	7.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	97
2	Tetrachloroethylene	164	C2Cl4	000127-18-4	96
3	Tetrachloroethylene	164	C2Cl4	000127-18-4	95
4	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	43
5	4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	27





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
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Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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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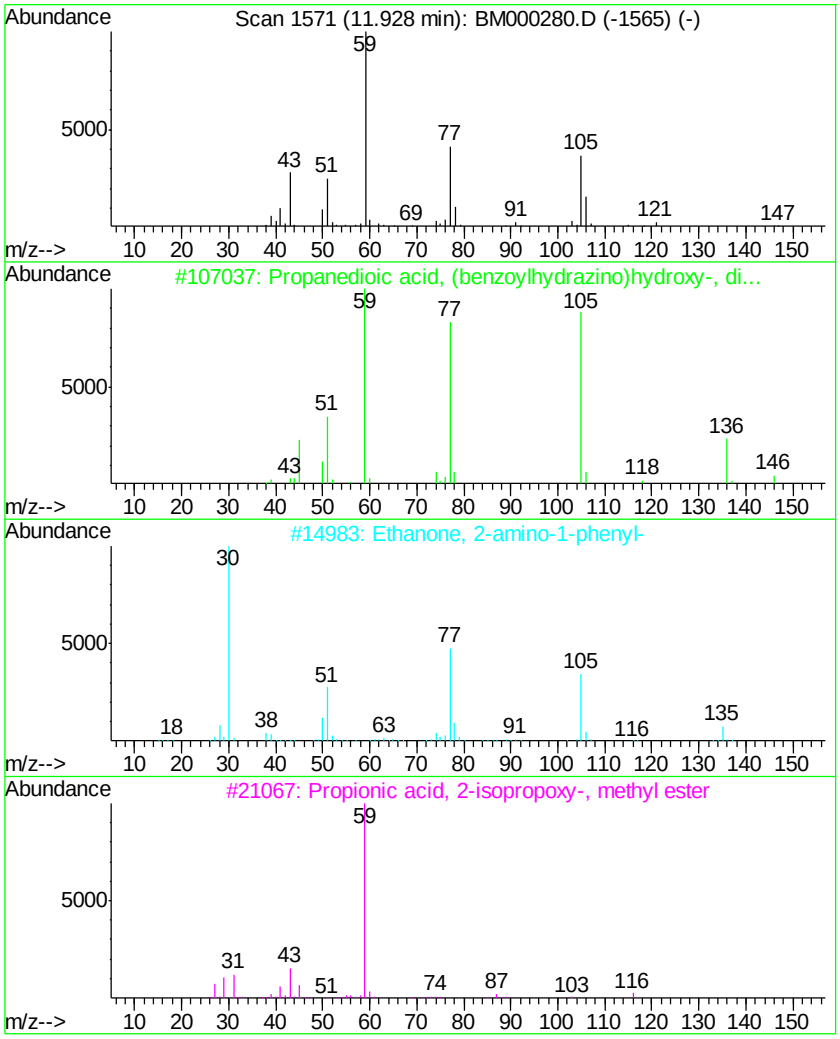
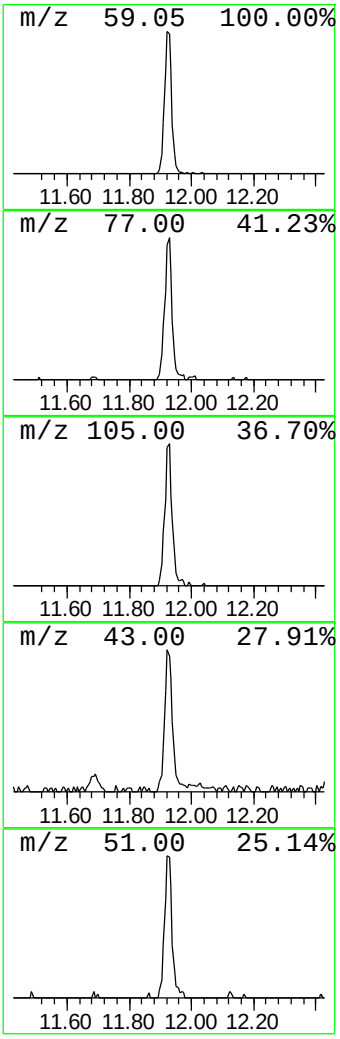
Peak Number 4 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	3.10 ng/ul	234595	Naphthalene-d8	10.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	42
2	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	38
3	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	12
4	Propanoic acid, 2-nitro-, methyl...	133	C4H7NO4	006118-50-9	12
5	2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	12





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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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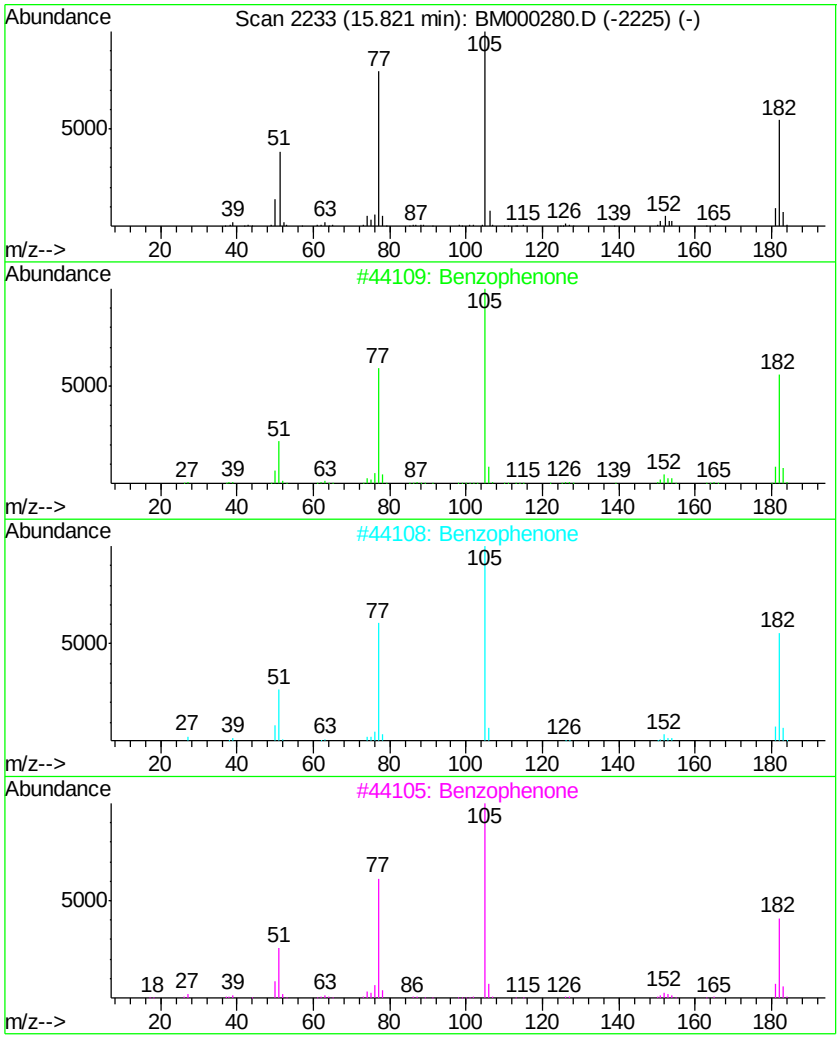
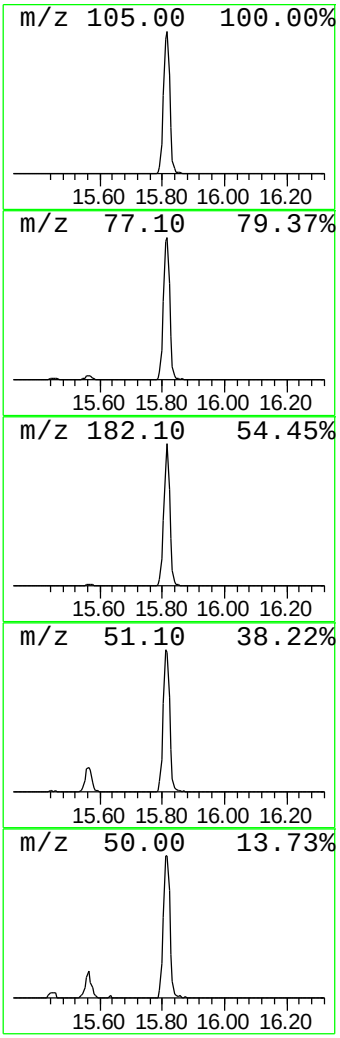
Peak Number 5 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	11.43 ng/ul	1013880	Acenaphthene-d10	14.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	96
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	94
5	Benzophenone	182	C13H10O	000119-61-9	91





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
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Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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

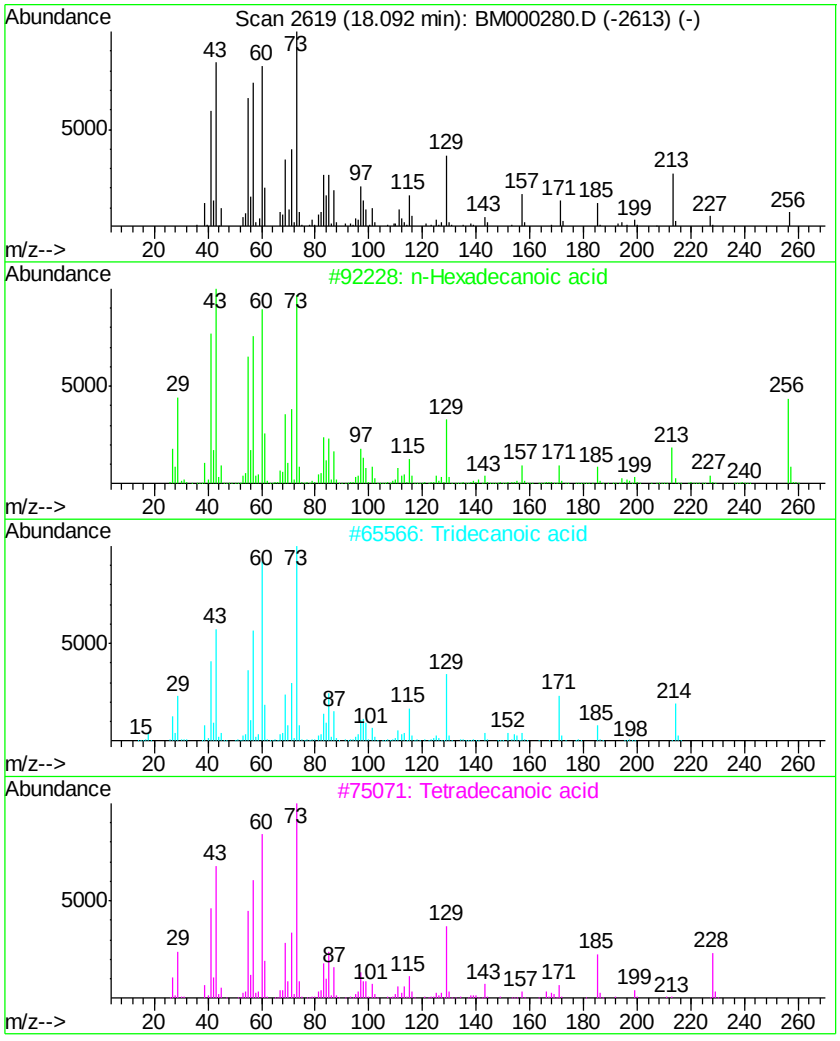
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

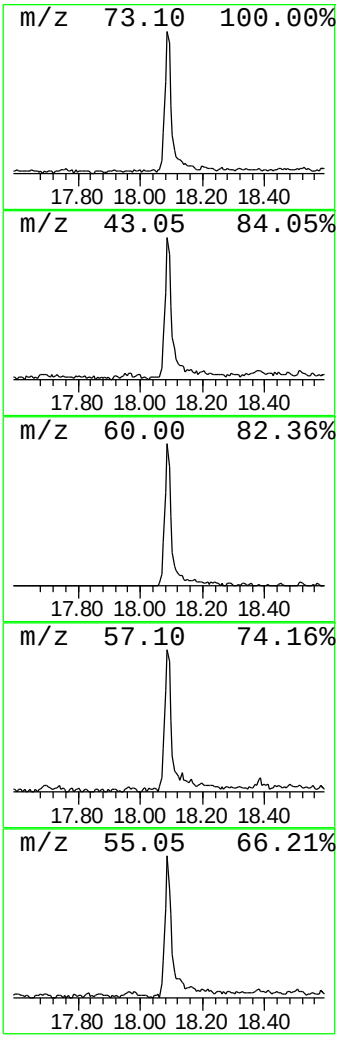
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.00 ng/ul	511472	Phenanthrene-d10	17.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Dodecanoic acid	200	C12H24O2	000143-07-7	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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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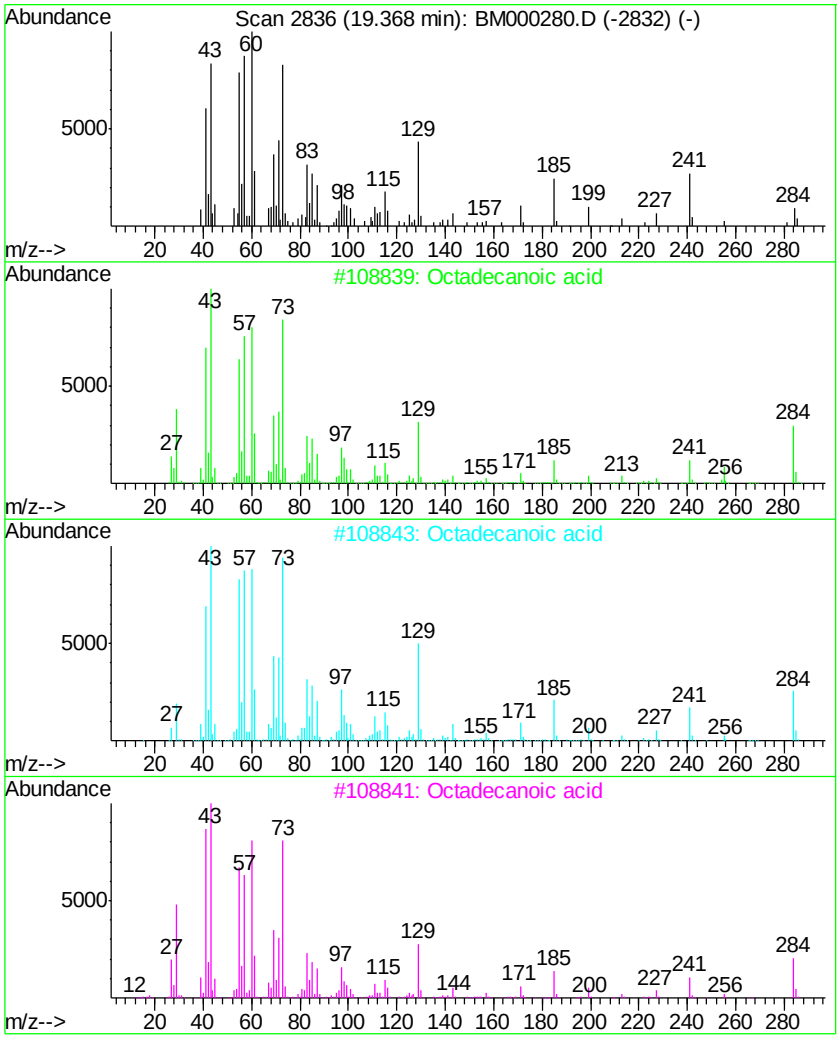
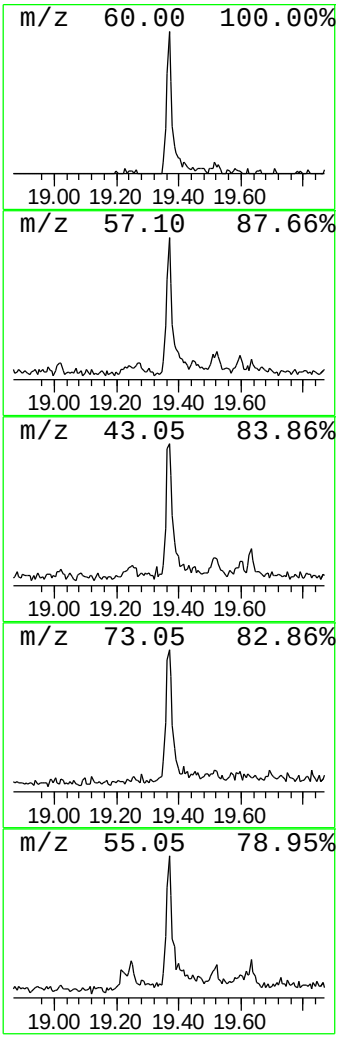
Peak Number 7 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.40 ng/ul	277374	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	93
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	n-Decanoic acid	172	C10H20O2	000334-48-5	70





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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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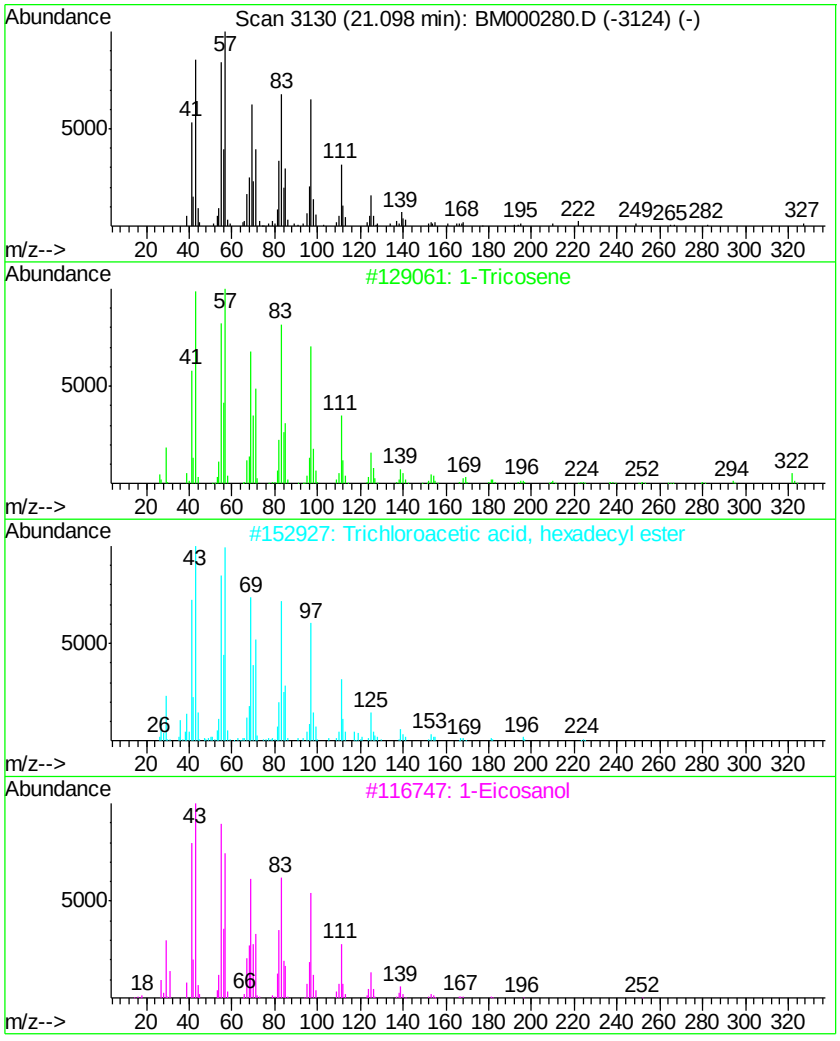
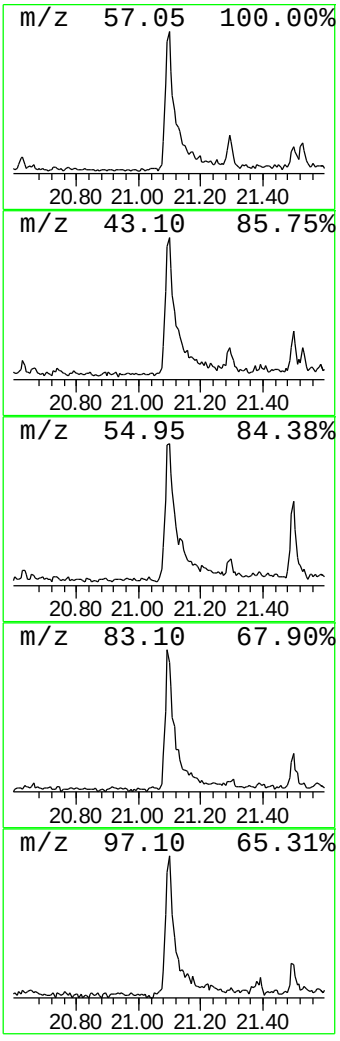
Peak Number 8 (DEL) Alkane: Cyclic Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	5.91 ng/ul	684872	Chrysene-d12	21.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Eicosanol	298	C20H42O	000629-96-9	87
4	1-Nonadecene	266	C19H38	018435-45-5	86
5	11-Tricosene	322	C23H46	052078-56-5	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000280.D
Acq On : 21 Jan 2015 01:44
Operator : TP/IZ
Sample : G1102-12
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH0

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	32.8	ng/ul	1883600	1	7.82	1147670	20.0
Tetrachloroethylene	4.56	2.3	ng/ul	133361	1	7.82	1147670	20.0
unknown-01	11.93	3.1	ng/ul	234595	2	10.61	1514330	20.0
Benzophenone	15.82	11.4	ng/ul	1013880	3	14.46	1773850	20.0
n-Hexadecanoic acid	18.09	5.0	ng/ul	511472	4	17.20	2045050	20.0
Octadecanoic acid	19.37	2.4	ng/ul	277374	5	21.39	2316240	20.0
(DEL) Alkane: Cyclic	21.10	5.9	ng/ul	684872	5	21.39	2316240	20.0