

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
 Data File : BM000283.D
 Acq On : 21 Jan 2015 03:31
 Operator : TP/IZ
 Sample : G1102-15
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ClientSampleId :
 C0AH3

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 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	315331	488756	14.35%	1.109%
2	3.058	58	63	73	rVB	1217362	1575287	46.25%	3.574%
3	6.981	724	730	742	rVB	728084	1250751	36.72%	2.838%
4	7.151	754	759	765	rBV	507346	768328	22.56%	1.743%
5	7.351	787	793	804	rVB	697535	1115927	32.77%	2.532%
6	7.440	804	808	815	rVB3	50783	78085	2.29%	0.177%
7	7.822	867	873	880	rVV	569785	905286	26.58%	2.054%
8	7.875	880	882	890	rVB4	19628	28278	0.83%	0.064%
9	8.516	985	991	999	rBV	843127	1327600	38.98%	3.012%
10	8.975	1062	1069	1077	rVB	764913	1247733	36.64%	2.831%
11	9.381	1136	1138	1144	rVB3	11185	15843	0.47%	0.036%
12	9.692	1185	1191	1200	rVB	566198	962901	28.27%	2.185%
13	9.834	1213	1215	1219	rBV2	4173	4173	0.12%	0.009%
14	10.228	1275	1282	1292	rBV	787859	1346000	39.52%	3.054%
15	10.610	1340	1347	1355	rVB	719384	1207949	35.47%	2.741%
16	10.745	1363	1370	1378	rBV	772673	1266538	37.19%	2.874%
17	10.898	1394	1396	1400	rVB2	4052	4176	0.12%	0.009%
18	11.263	1454	1458	1460	rBV3	3775	4281	0.13%	0.010%
19	11.928	1564	1571	1578	rBV	150654	250698	7.36%	0.569%
20	12.198	1611	1617	1621	rVV5	12349	19492	0.57%	0.044%
21	12.398	1645	1651	1653	rBV2	3291	6043	0.18%	0.014%
22	12.433	1655	1657	1660	rVB2	3840	4261	0.13%	0.010%
23	12.922	1735	1740	1742	rBV3	4946	6685	0.20%	0.015%
24	13.275	1795	1800	1806	rVB4	10910	18370	0.54%	0.042%
25	13.345	1809	1812	1818	rVB4	4058	8070	0.24%	0.018%
26	13.675	1863	1868	1873	rVV6	7316	12714	0.37%	0.029%
27	13.863	1894	1900	1904	rBV	1463757	1962943	57.64%	4.454%
28	13.910	1904	1908	1913	rVB	480136	645037	18.94%	1.464%
29	14.151	1942	1949	1958	rBV	1433821	2203657	64.70%	5.000%
30	14.351	1978	1983	1987	rVB3	14791	19616	0.58%	0.045%
31	14.457	1995	2001	2007	rBV	988230	1443871	42.40%	3.276%
32	14.645	2026	2033	2042	rBV	632147	999920	29.36%	2.269%
33	14.727	2042	2047	2053	rVB2	77810	125269	3.68%	0.284%
34	14.874	2064	2072	2076	rBV4	21029	31503	0.93%	0.071%

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Integration Parameters: LSCINT.P

Integrator: RTE
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35	14.904	2076	2077	2082	rVB3	3513	4910	0.14%	0.011%
36	14.957	2084	2086	2091	rBV3	3190	4759	0.14%	0.011%
37	15.110	2109	2112	2115	rVB4	4183	4966	0.15%	0.011%
38	15.216	2125	2130	2136	rBV	87895	116310	3.42%	0.264%
39	15.274	2137	2140	2142	rVV3	12736	15370	0.45%	0.035%
40	15.304	2142	2145	2149	rVB	10538	11075	0.33%	0.025%
41	15.369	2151	2156	2159	rVV4	3363	3935	0.12%	0.009%
42	15.451	2163	2170	2182	rBV	1807558	2668599	78.36%	6.055%
43	15.563	2182	2189	2197	rBV	520404	717150	21.06%	1.627%
44	15.686	2206	2210	2215	rVB3	20775	26650	0.78%	0.060%
45	15.816	2226	2232	2241	rBV	873300	1229768	36.11%	2.790%
46	16.010	2261	2265	2271	rVB6	6404	16576	0.49%	0.038%
47	16.051	2271	2272	2277	rBV3	4334	4926	0.14%	0.011%
48	16.163	2288	2291	2293	rBV3	6029	7136	0.21%	0.016%
49	16.345	2318	2322	2325	rBV4	5223	6144	0.18%	0.014%
50	16.433	2332	2337	2343	rVB3	10441	13744	0.40%	0.031%
51	16.521	2346	2352	2358	rVB3	21426	37999	1.12%	0.086%
52	16.574	2358	2361	2363	rBV3	4990	6827	0.20%	0.015%
53	16.592	2363	2364	2368	rVB3	5060	5414	0.16%	0.012%
54	16.827	2400	2404	2405	rBV2	5191	4943	0.15%	0.011%
55	16.845	2405	2407	2410	rVV2	5625	6930	0.20%	0.016%
56	16.880	2410	2413	2416	rVB3	3859	5066	0.15%	0.011%
57	16.951	2421	2425	2429	rBV6	7004	10154	0.30%	0.023%
58	16.986	2429	2431	2433	rBV3	4581	4231	0.12%	0.010%
59	17.039	2438	2440	2444	rVB2	11043	12515	0.37%	0.028%
60	17.151	2455	2459	2462	rVV2	10027	15242	0.45%	0.035%
61	17.198	2462	2467	2474	rVV	1187478	1726942	50.71%	3.918%
62	17.298	2478	2484	2492	rVV	2026081	2894478	84.99%	6.567%
63	17.363	2492	2495	2496	rVV3	4928	4452	0.13%	0.010%
64	17.392	2496	2500	2506	rVB5	17464	23260	0.68%	0.053%
65	17.698	2551	2552	2556	rVB2	4528	4643	0.14%	0.011%
66	17.739	2556	2559	2561	rBV3	3381	4368	0.13%	0.010%
67	17.951	2593	2595	2596	rBV	3965	3744	0.11%	0.008%
68	18.086	2613	2618	2629	rBV	285103	444779	13.06%	1.009%
69	18.386	2665	2669	2672	rBV3	12293	16010	0.47%	0.036%
70	18.515	2687	2691	2698	rBV7	9321	15035	0.44%	0.034%
71	18.621	2706	2709	2710	rBV3	4217	3909	0.11%	0.009%

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Integration Parameters: LSCINT.P

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72	18.751	2728	2731	2735	rBV3	5899	8228	0.24%	0.019%
73	18.839	2743	2746	2750	rBV6	6468	9641	0.28%	0.022%
74	18.868	2750	2751	2756	rVB3	5294	6061	0.18%	0.014%
75	18.992	2769	2772	2774	rVV3	5875	8096	0.24%	0.018%
76	19.021	2774	2777	2782	rVB7	8468	12230	0.36%	0.028%
77	19.133	2791	2796	2798	rBV6	8699	11347	0.33%	0.026%
78	19.227	2807	2812	2814	rBV2	32646	49839	1.46%	0.113%
79	19.368	2831	2836	2845	rBV	160770	250190	7.35%	0.568%
80	19.480	2853	2855	2858	rVB2	17678	14879	0.44%	0.034%
81	19.515	2858	2861	2865	rVB5	25337	34105	1.00%	0.077%
82	19.592	2868	2874	2879	rBV	2389912	3266966	95.93%	7.412%
83	19.633	2879	2881	2887	rVB5	35519	57659	1.69%	0.131%
84	20.127	2963	2965	2970	rVB5	12444	15001	0.44%	0.034%
85	20.515	3028	3031	3035	rVB6	16573	19414	0.57%	0.044%
86	20.562	3035	3039	3042	rBV5	25151	30894	0.91%	0.070%
87	20.633	3046	3051	3053	rBV5	17357	29890	0.88%	0.068%
88	20.739	3066	3069	3076	rVB10	9989	17789	0.52%	0.040%
89	21.092	3124	3129	3140	rBV2	366544	843510	24.77%	1.914%
90	21.292	3161	3163	3167	rVB5	18726	18110	0.53%	0.041%
91	21.386	3173	3179	3185	rBV	1660123	2075669	60.95%	4.710%
92	21.498	3194	3198	3202	rBV3	95322	126306	3.71%	0.287%
93	21.662	3224	3226	3228	rBV3	14599	12200	0.36%	0.028%
94	21.968	3275	3278	3281	rBV5	25642	27922	0.82%	0.063%
95	22.015	3283	3286	3291	rBV7	24577	48821	1.43%	0.111%
96	22.574	3377	3381	3386	rVB2	66948	90455	2.66%	0.205%
97	23.527	3535	3543	3552	rBV2	1745296	3405724	100.00%	7.727%
98	23.674	3561	3568	3579	rVB	1059539	2031194	59.64%	4.609%
99	24.197	3653	3657	3663	rBV6	35326	67486	1.98%	0.153%
100	24.303	3673	3675	3676	rBV	32135	25138	0.74%	0.057%

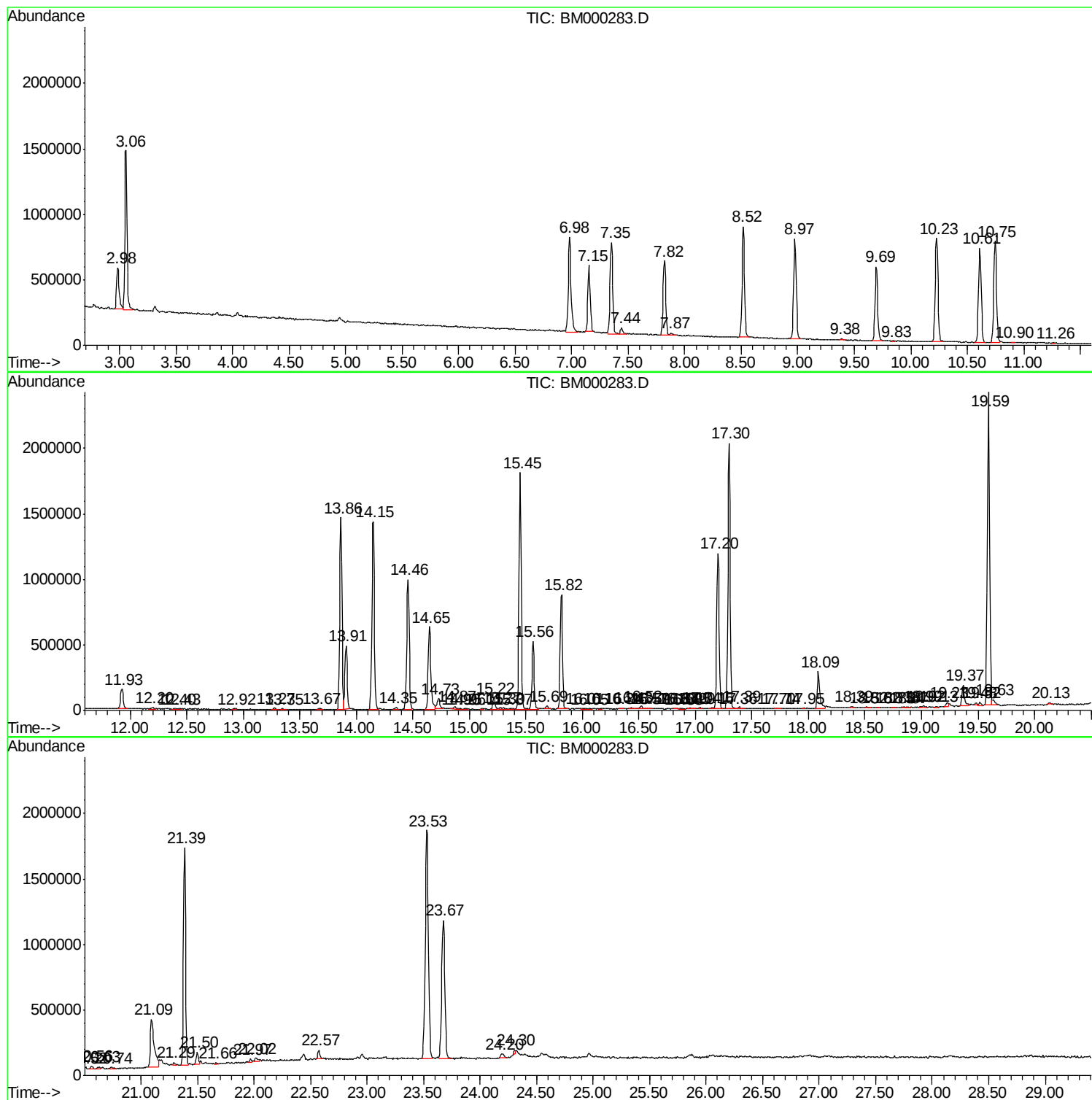
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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



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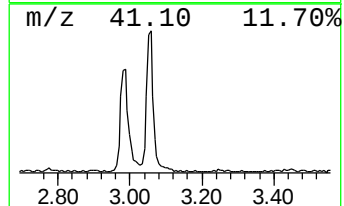
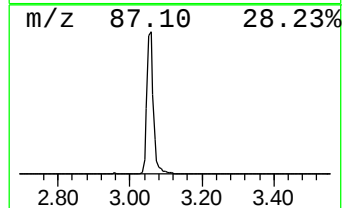
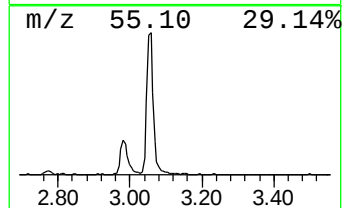
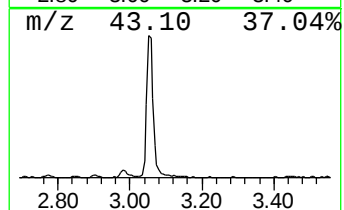
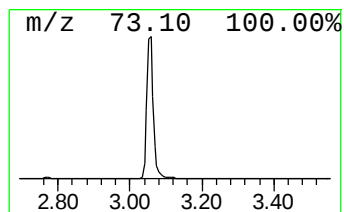
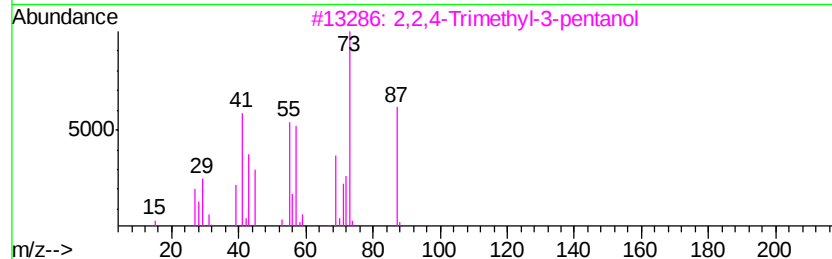
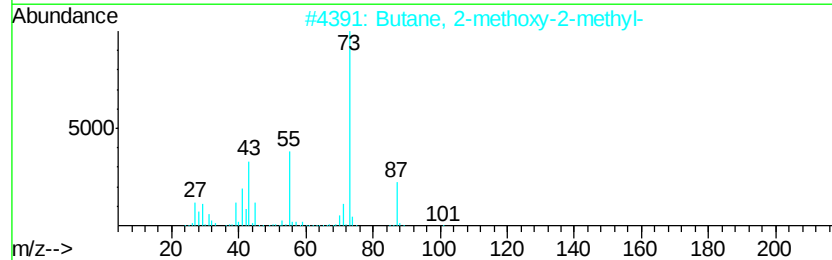
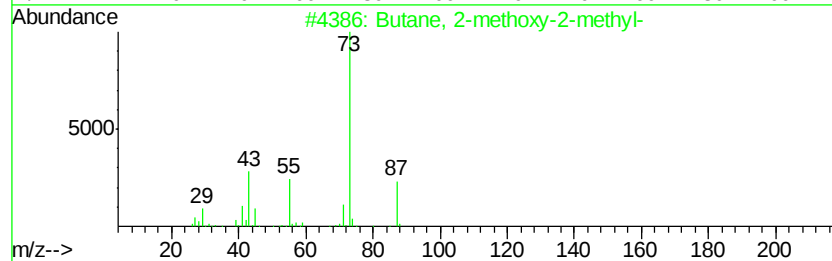
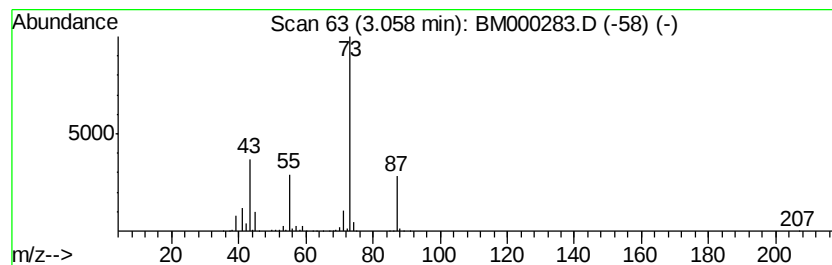
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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	34.80 ng/ul	1575290	1,4-Dichlorobenzene-d4	7.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	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		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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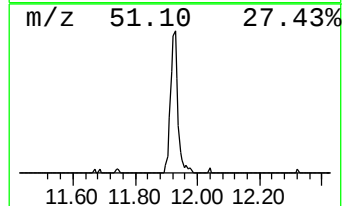
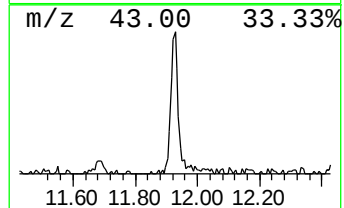
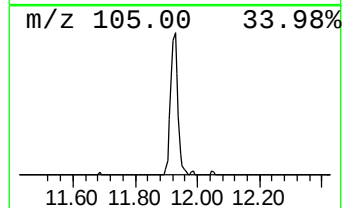
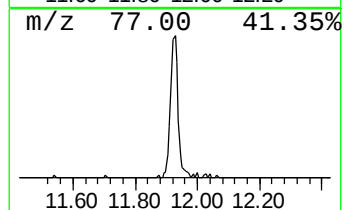
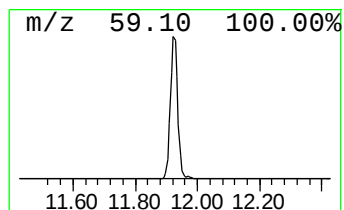
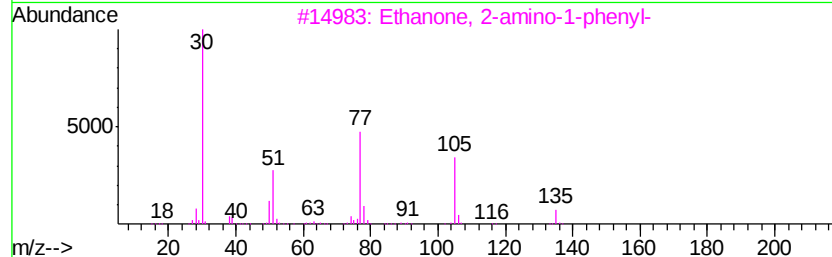
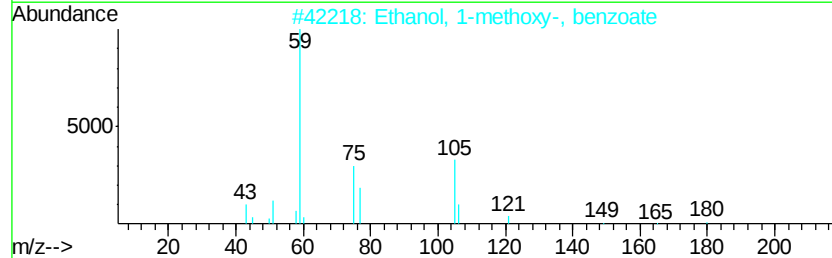
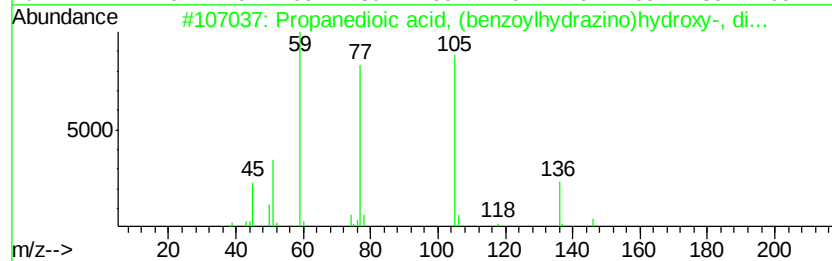
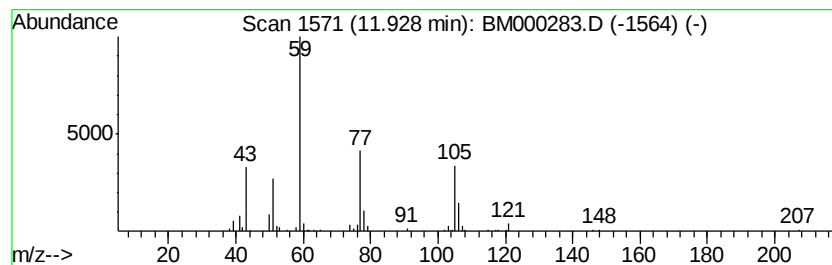
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Propanedioic acid, (benzoyl... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.15 ng/ul	250698	Napthalene-d8	10.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedioic acid, (benzoylhydra...	282	C12H14N2O6	1000142-99-9	50
2		Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	36
3		Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	35
4		Propanoic acid, 2-hydroxy-2-meth...	118	C5H10O3	002110-78-3	16
5		Propanedioic acid, oxo-, dimethy...	146	C5H6O5	003298-40-6	16



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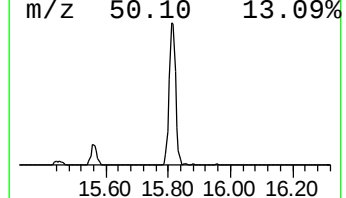
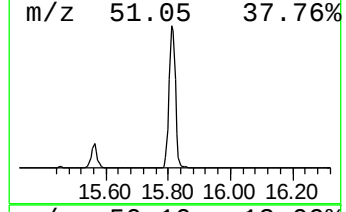
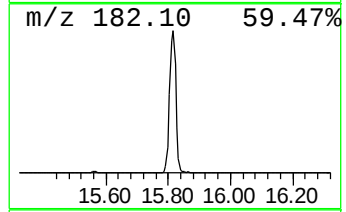
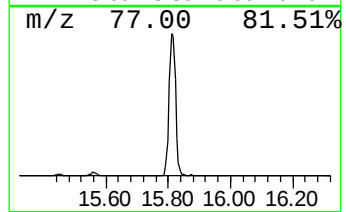
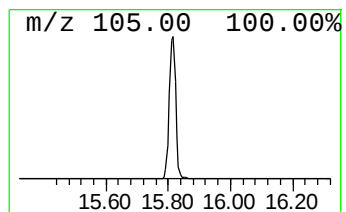
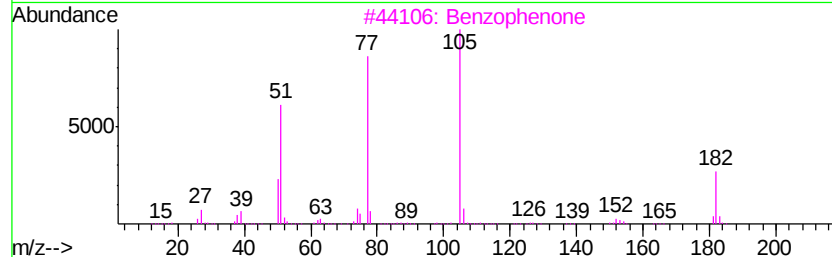
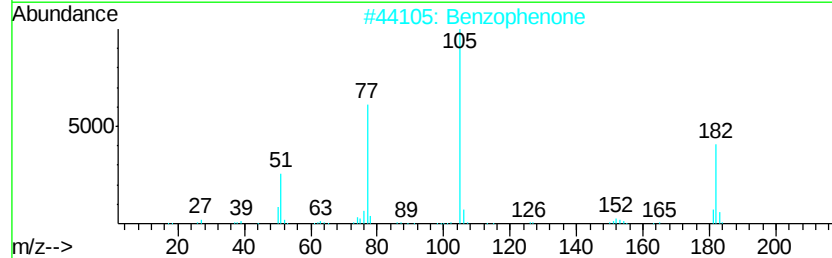
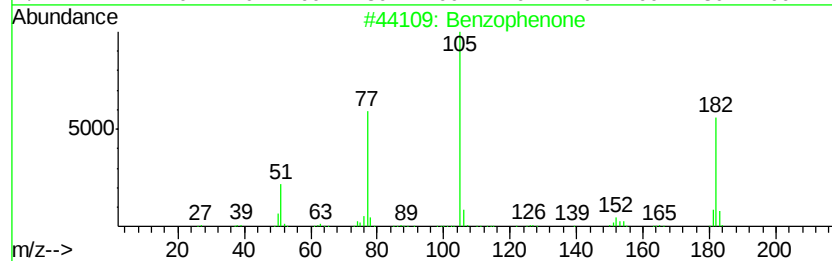
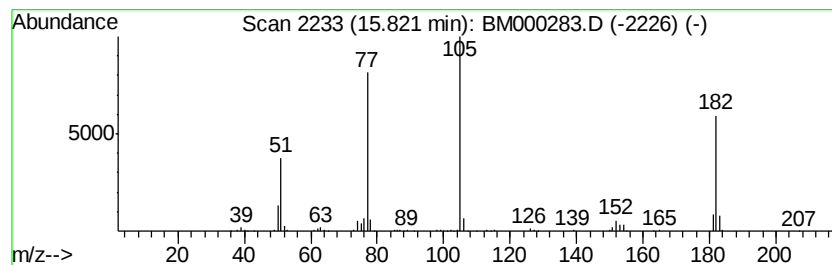
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Benzophenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.82	17.03 ng/ul	1229770	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzophenone	182	C13H10O	000119-61-9	97
2		Benzophenone	182	C13H10O	000119-61-9	95
3		Benzophenone	182	C13H10O	000119-61-9	95
4		Benzophenone	182	C13H10O	000119-61-9	95
5		Benzophenone	182	C13H10O	000119-61-9	94



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000283.D
Acq On : 21 Jan 2015 03:31
Operator : TP/IZ
Sample : G1102-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AH3

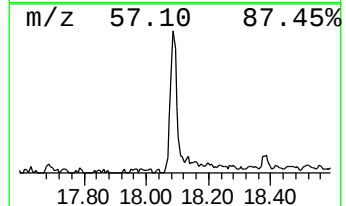
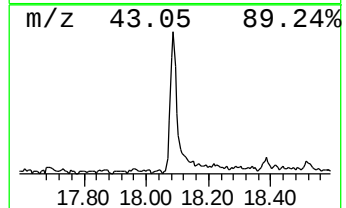
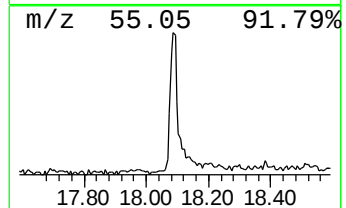
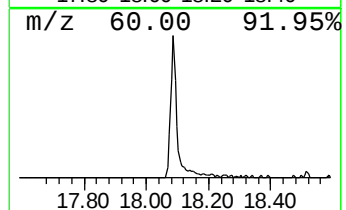
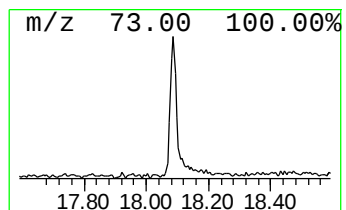
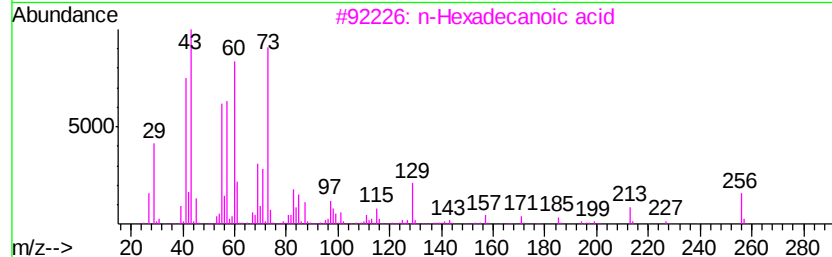
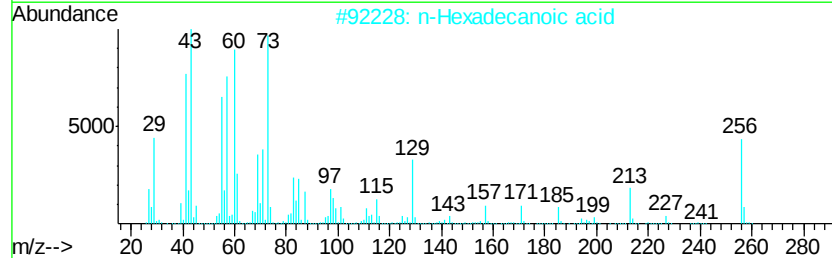
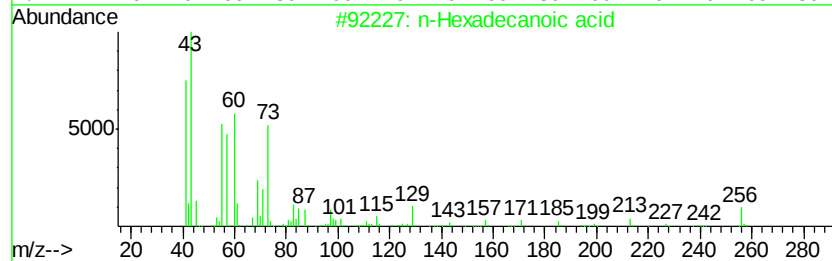
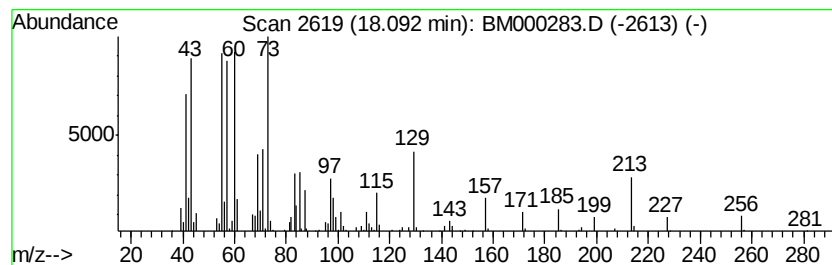
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.09	5.15 ng/ul	444779	Phenanthrene-d10	17.20

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	80
5		Tetradecanoic acid	228	C14H28O2	000544-63-8	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000283.D
Acq On : 21 Jan 2015 03:31
Operator : TP/IZ
Sample : G1102-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AH3

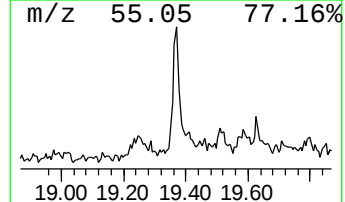
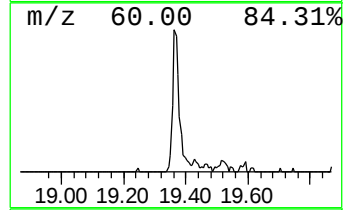
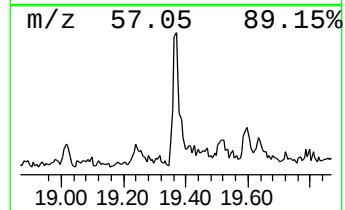
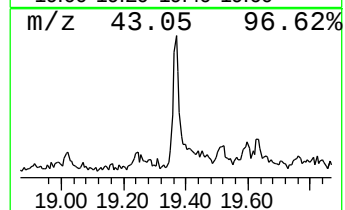
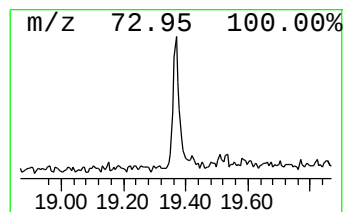
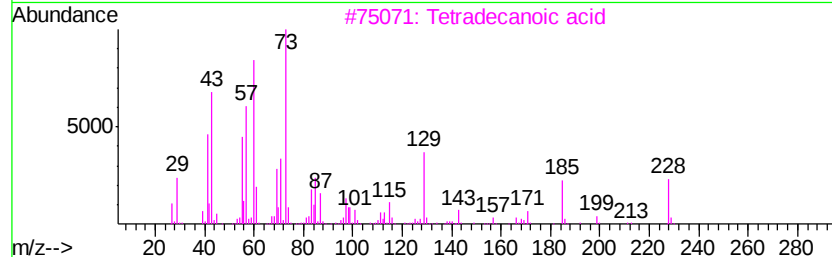
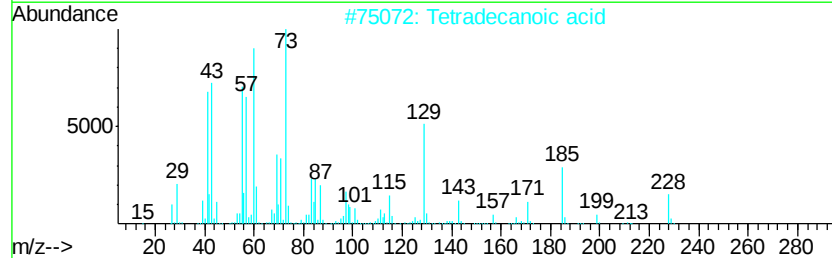
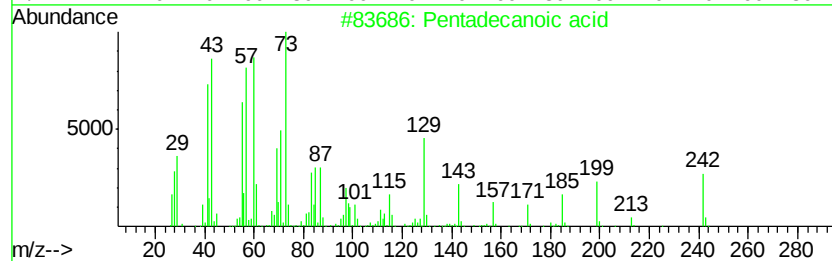
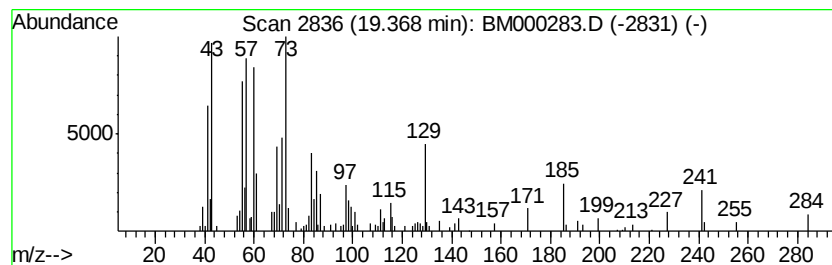
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	2.41 ng/ul	250190	Chrysene-d12	21.39

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	86	
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64	
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	62	
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	59	
5	Undecanoic acid	186	C11H22O2	000112-37-8	38	



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000283.D
Acq On : 21 Jan 2015 03:31
Operator : TP/IZ
Sample : G1102-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampled :
C0AH3

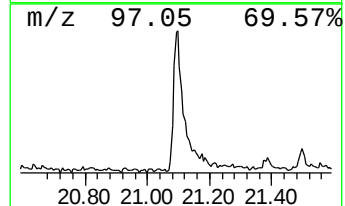
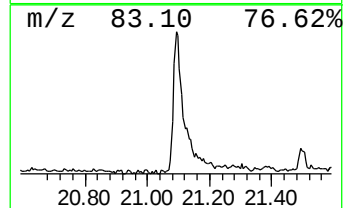
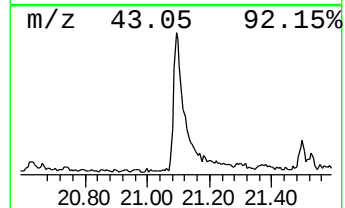
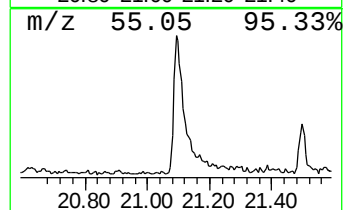
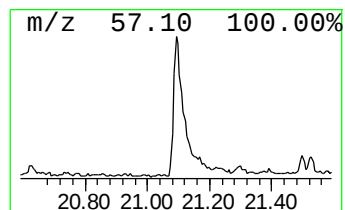
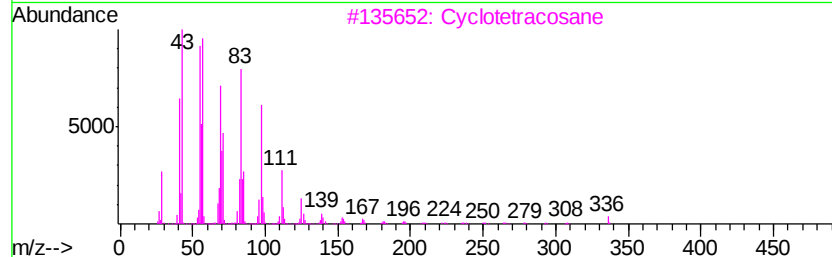
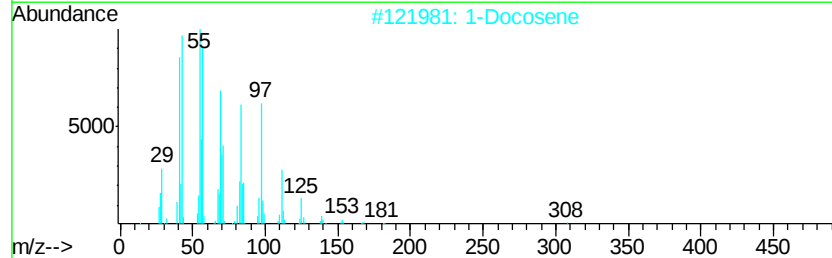
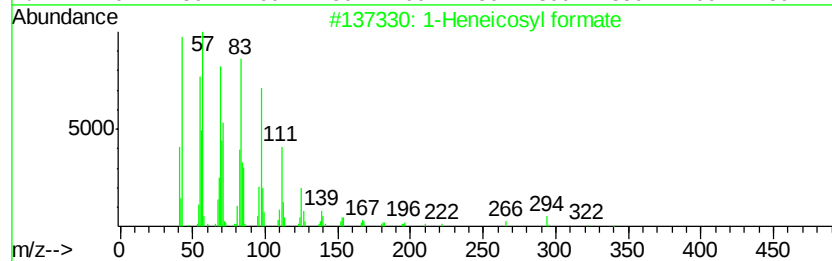
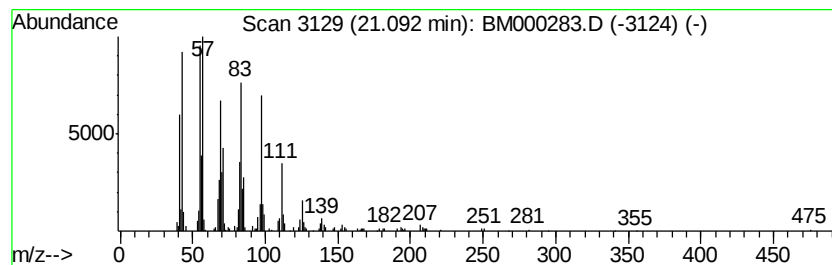
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.09	8.13 ng/ul	843510	Chrysene-d12	21.39

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2		1-Docosene	308	C22H44	001599-67-3	91
3		Cyclotetracosane	336	C24H48	000297-03-0	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012015\
Data File : BM000283.D
Acq On : 21 Jan 2015 03:31
Operator : TP/IZ
Sample : G1102-15
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
ClientSampleId :
C0AH3

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.06	34.8	ng/ul	1575290	1	7.82	905286	20.0
Propanedioic acid...	11.93	4.2	ng/ul	250698	2	10.61	1207950	20.0
Benzophenone	15.82	17.0	ng/ul	1229770	3	14.46	1443870	20.0
n-Hexadecanoic acid	18.09	5.2	ng/ul	444779	4	17.20	1726940	20.0
Pentadecanoic acid	19.37	2.4	ng/ul	250190	5	21.39	2075670	20.0
1-Heneicosyl formate	21.09	8.1	ng/ul	843510	5	21.39	2075670	20.0