

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
 Data File : BM000755.D
 Acq On : 23 Mar 2015 16:15
 Operator : TP/IZ
 Sample : G1581-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 X1M17

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\SOM02.2-EPA-BM032115.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	2.740	4	9	18	rBV	441109	695221	5.57%	0.543%
2	2.816	18	22	37	rVB	228311	289131	2.31%	0.226%
3	3.075	63	66	71	rVB2	33904	41615	0.33%	0.032%
4	4.146	245	248	252	rBV2	15499	18749	0.15%	0.015%
5	4.734	344	348	355	rBV	97314	141599	1.13%	0.111%
6	6.757	685	692	696	rBV	1677534	2698354	21.60%	2.107%
7	6.787	696	697	710	rVB	680680	823034	6.59%	0.643%
8	6.951	719	725	735	rBV	485875	749192	6.00%	0.585%
9	7.145	751	758	760	rBV	648150	944677	7.56%	0.738%
10	7.181	760	764	771	rVV	1391643	2171083	17.38%	1.695%
11	7.239	771	774	781	rVB2	33373	48665	0.39%	0.038%
12	7.616	831	838	846	rBV	549822	867633	6.95%	0.677%
13	7.839	872	876	884	rVB3	15209	26846	0.21%	0.021%
14	8.151	925	929	932	rBV2	11181	14208	0.11%	0.011%
15	8.328	953	959	964	rVV	797764	1210967	9.70%	0.945%
16	8.386	964	969	973	rVV	1176197	1770977	14.18%	1.383%
17	8.433	973	977	985	rVB	1376084	2171545	17.39%	1.695%
18	8.686	1013	1020	1028	rBV	917942	1471637	11.78%	1.149%
19	8.769	1028	1034	1042	rVV	571612	920817	7.37%	0.719%
20	9.198	1103	1107	1111	rVB	11556	16733	0.13%	0.013%
21	9.492	1150	1157	1169	rVB	456447	732108	5.86%	0.572%
22	10.051	1241	1252	1264	rBV2	1893731	4149177	33.22%	3.240%
23	10.263	1282	1288	1292	rBV3	10212	14589	0.12%	0.011%
24	10.398	1301	1311	1315	rBV2	756452	1497569	11.99%	1.169%
25	10.451	1315	1320	1329	rVV	2297546	3653693	29.25%	2.853%
26	10.545	1329	1336	1347	rVV	560294	971008	7.77%	0.758%
27	11.310	1458	1466	1485	rBV3	46404	165417	1.32%	0.129%
28	11.939	1564	1573	1582	rBV2	29099	54774	0.44%	0.043%
29	12.074	1586	1596	1605	rBV	2753735	4312786	34.53%	3.367%
30	12.298	1628	1634	1642	rBV	28810	47950	0.38%	0.037%
31	12.521	1668	1672	1677	rBV3	16176	21033	0.17%	0.016%
32	13.010	1748	1755	1761	rBV2	23252	36818	0.29%	0.029%
33	13.098	1764	1770	1772	rBV	284858	369733	2.96%	0.289%
34	13.139	1772	1777	1789	rVB	2861234	4346786	34.80%	3.394%

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Integration Parameters: LSCINT.P

Integrator: RTE
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Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
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35	13.686	1864	1870	1875	rBV	1317107	1788913	14.32%	1.397%
36	13.733	1875	1878	1886	rVB	145269	198190	1.59%	0.155%
37	13.963	1907	1917	1931	rBV	1556729	2307582	18.48%	1.802%
38	14.180	1949	1954	1960	rVV	53291	69668	0.56%	0.054%
39	14.274	1964	1970	1976	rVV2	1065840	1609668	12.89%	1.257%
40	14.339	1976	1981	1989	rVB	2106838	3002935	24.04%	2.345%
41	14.480	1999	2005	2019	rBV	607311	859451	6.88%	0.671%
42	14.621	2025	2029	2035	rBV6	10308	22838	0.18%	0.018%
43	14.680	2035	2039	2043	rVV2	41701	52372	0.42%	0.041%
44	14.804	2054	2060	2065	rBV5	16656	31085	0.25%	0.024%
45	14.874	2068	2072	2076	rVB6	10681	13933	0.11%	0.011%
46	15.074	2100	2106	2111	rBV3	32181	57869	0.46%	0.045%
47	15.133	2111	2116	2121	rVV	203749	246423	1.97%	0.192%
48	15.268	2134	2139	2144	rBV	2075034	2949842	23.62%	2.303%
49	15.327	2144	2149	2155	rVB	2404269	3252507	26.04%	2.539%
50	15.409	2155	2163	2175	rBV2	1971503	3199955	25.62%	2.498%
51	15.509	2176	2180	2183	rBV2	18539	28152	0.23%	0.022%
52	15.639	2199	2202	2207	rVB5	14612	18994	0.15%	0.015%
53	15.998	2259	2263	2271	rBV	84208	153685	1.23%	0.120%
54	16.162	2287	2291	2297	rVB6	15926	28924	0.23%	0.023%
55	16.345	2317	2322	2325	rBV7	10385	20583	0.16%	0.016%
56	16.404	2328	2332	2335	rVV	38644	40966	0.33%	0.032%
57	16.439	2335	2338	2342	rVV5	24495	31814	0.25%	0.025%
58	16.498	2342	2348	2352	rVV	2976655	3814020	30.54%	2.978%
59	16.527	2352	2353	2358	rVV2	45130	45073	0.36%	0.035%
60	16.639	2368	2372	2375	rVV4	13252	24883	0.20%	0.019%
61	16.674	2375	2378	2381	rVB5	14793	17384	0.14%	0.014%
62	16.739	2386	2389	2393	rVV6	12680	15511	0.12%	0.012%
63	16.786	2393	2397	2402	rVV	130985	182272	1.46%	0.142%
64	16.839	2402	2406	2415	rVB	79358	127877	1.02%	0.100%
65	17.021	2429	2437	2440	rBV	1307361	1864200	14.93%	1.456%
66	17.062	2440	2444	2449	rVV	3253441	4821935	38.61%	3.765%
67	17.121	2449	2454	2465	rVV	2366013	3332614	26.68%	2.602%
68	17.327	2485	2489	2495	rBV7	9420	16457	0.13%	0.013%
69	17.433	2497	2507	2516	rBV	4509699	6504270	52.08%	5.078%
70	17.521	2518	2522	2526	rBV	76845	93174	0.75%	0.073%
71	17.803	2566	2570	2573	rBV6	16264	25598	0.20%	0.020%

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Integration Parameters: LSCINT.P

Integrator: RTE
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72	17.874	2579	2582	2586	rBV2	25515	28471	0.23%	0.022%
73	17.921	2586	2590	2596	rVV	141083	206583	1.65%	0.161%
74	17.992	2600	2602	2606	rVV	22854	29145	0.23%	0.023%
75	18.215	2636	2640	2644	rBV	59722	81690	0.65%	0.064%
76	18.250	2644	2646	2652	rVB4	22831	27292	0.22%	0.021%
77	18.786	2734	2737	2741	rBV5	15748	22612	0.18%	0.018%
78	18.856	2745	2749	2758	rVB	32143	54572	0.44%	0.043%
79	19.215	2804	2810	2820	rVV6	40890	89674	0.72%	0.070%
80	19.309	2823	2826	2827	rVV	28585	30613	0.25%	0.024%
81	19.333	2827	2830	2839	rVB2	47758	67375	0.54%	0.053%
82	19.427	2839	2846	2848	rBV	2736884	4317100	34.56%	3.371%
83	19.456	2848	2851	2866	rVB	5043399	6272619	50.22%	4.897%
84	19.974	2937	2939	2946	rVB5	19210	23846	0.19%	0.019%
85	20.362	3000	3005	3011	rBV	4180476	4725888	37.84%	3.690%
86	20.474	3022	3024	3029	rVB4	14029	15834	0.13%	0.012%
87	20.933	3098	3102	3113	rBV	669666	789153	6.32%	0.616%
88	21.021	3114	3117	3123	rVB7	28690	43864	0.35%	0.034%
89	21.144	3133	3138	3146	rBV	5129683	5669104	45.39%	4.426%
90	21.221	3146	3151	3157	rVV	1724222	2134329	17.09%	1.666%
91	21.803	3248	3250	3252	rBV2	26863	32935	0.26%	0.026%
92	22.056	3290	3293	3301	rVB2	100442	136975	1.10%	0.107%
93	22.380	3343	3348	3358	rVB	591145	784888	6.28%	0.613%
94	22.744	3406	3410	3415	rVB2	48831	68650	0.55%	0.054%
95	23.274	3492	3500	3510	rBV2	2131027	3945967	31.59%	3.081%
96	23.409	3516	3523	3536	rVB2	1156334	2196686	17.59%	1.715%
97	23.915	3605	3609	3615	rVB2	58189	102287	0.82%	0.080%
98	23.997	3619	3623	3632	rVB3	94161	175824	1.41%	0.137%
99	25.621	3886	3899	3916	rBV2	4396532	12490039	100.00%	9.752%
100	26.285	4000	4012	4025	rBV	1736738	5177763	41.46%	4.043%

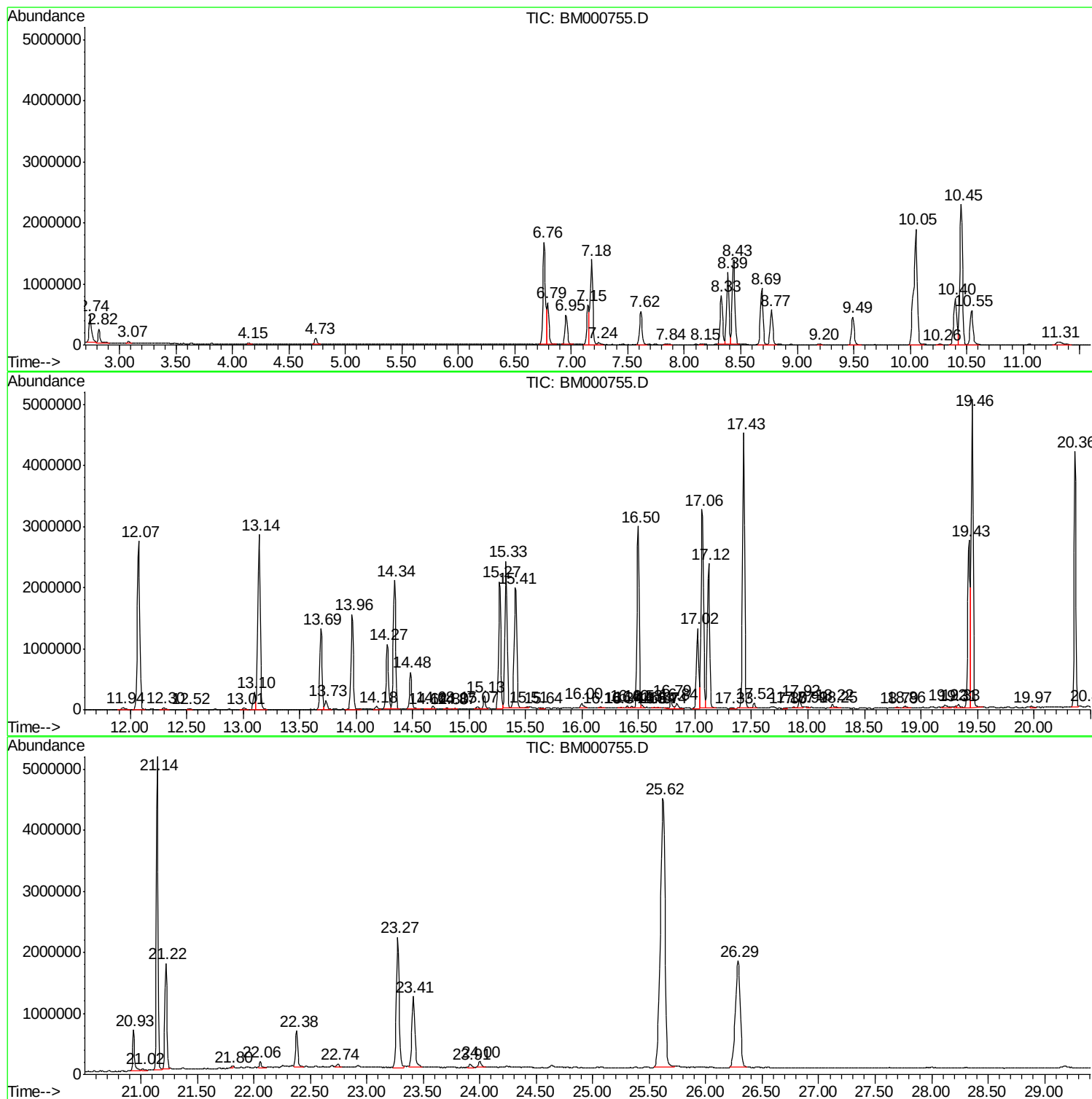
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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



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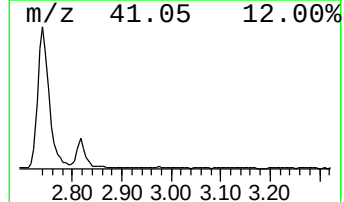
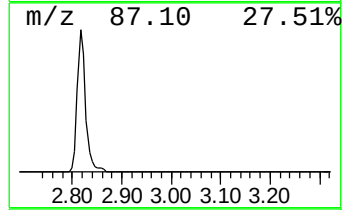
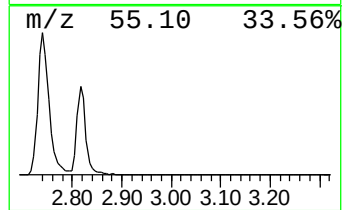
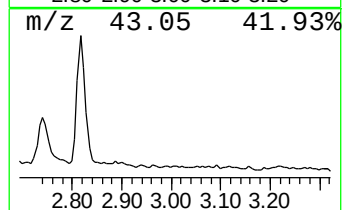
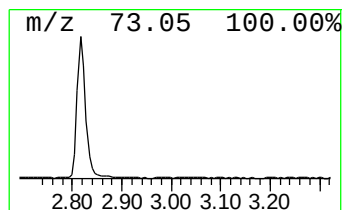
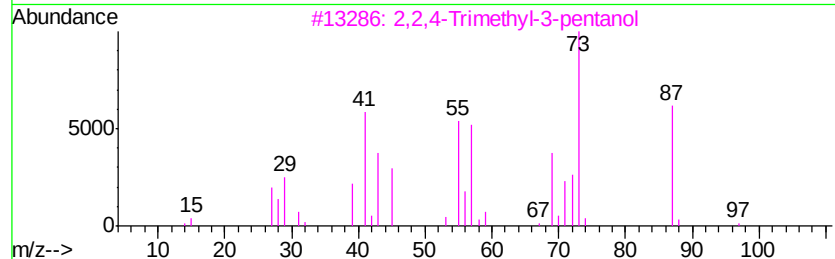
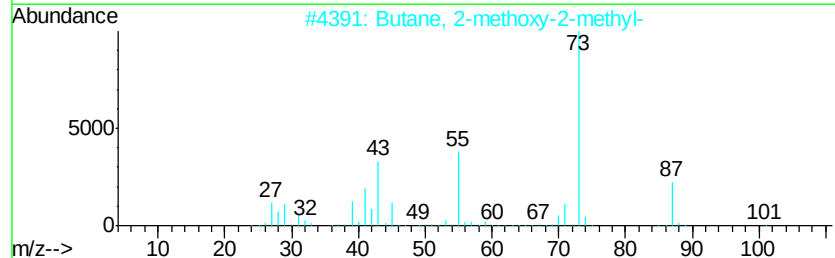
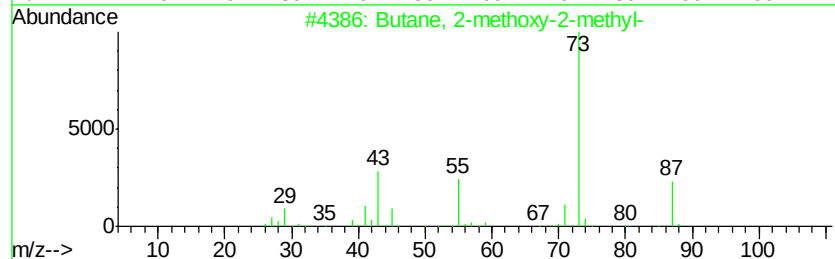
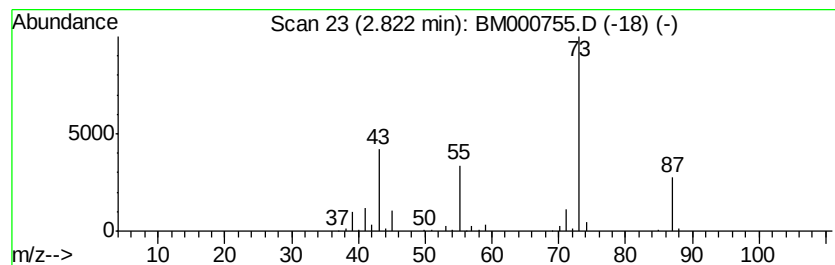
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.82	6.66 ng/ul	289131	1,4-Dichlorobenzene-d4	7.62

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	72
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	35
5		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	28



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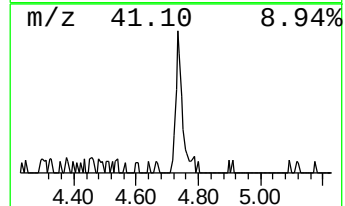
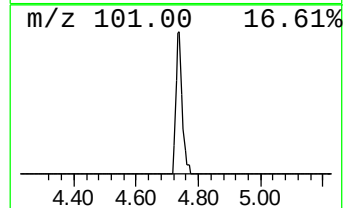
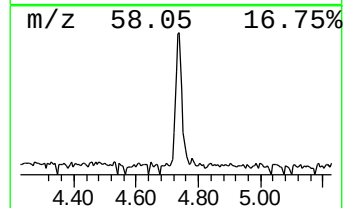
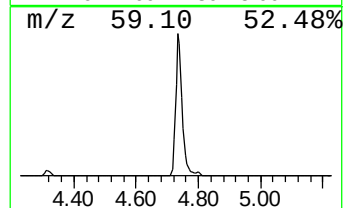
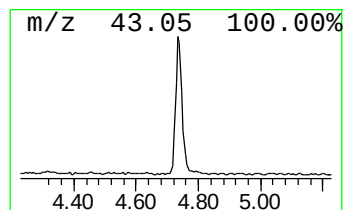
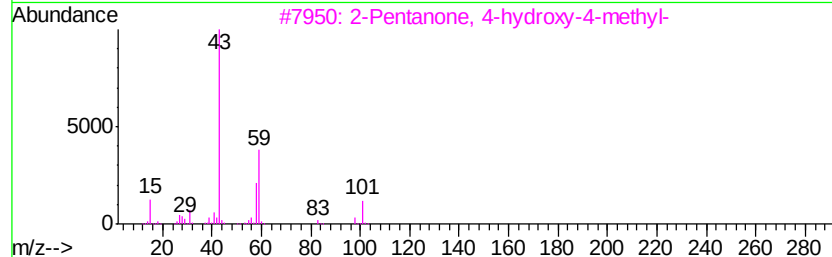
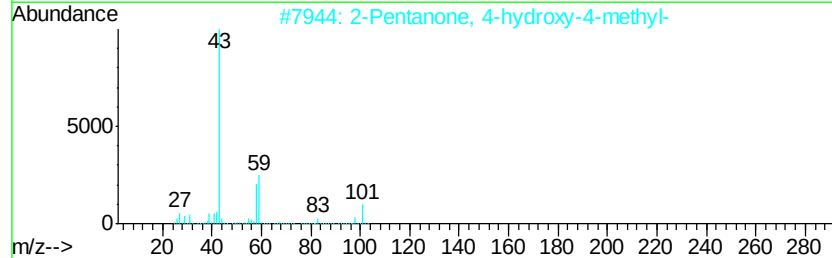
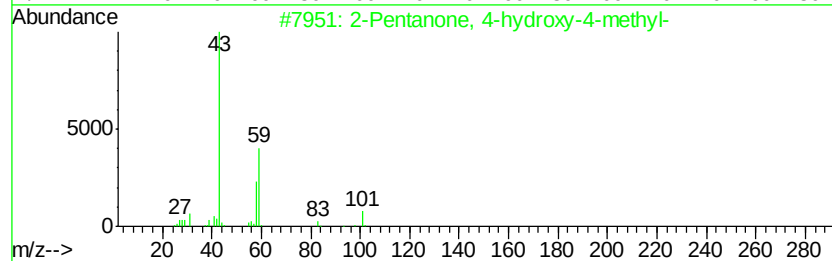
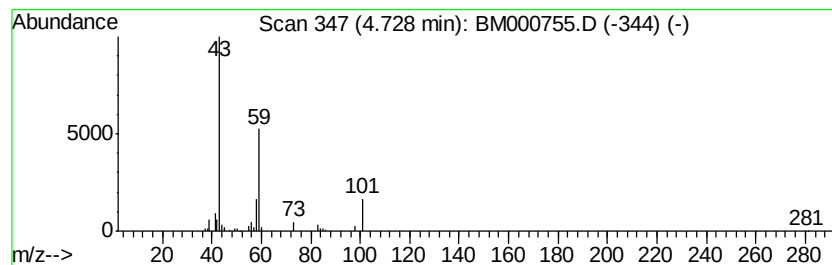
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	3.26 ng/ul	141599	1,4-Dichlorobenzene-d4	7.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
5		4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	37



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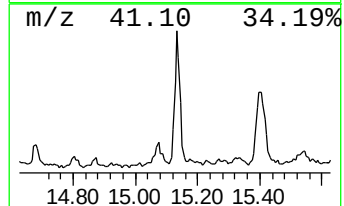
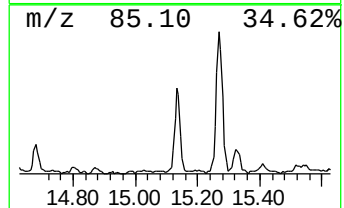
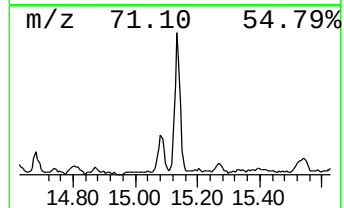
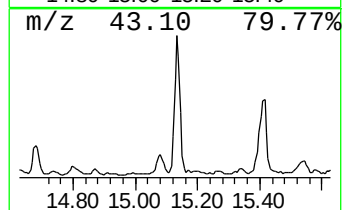
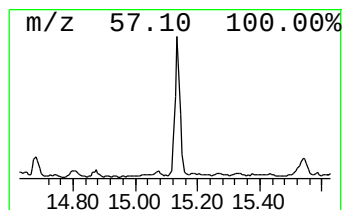
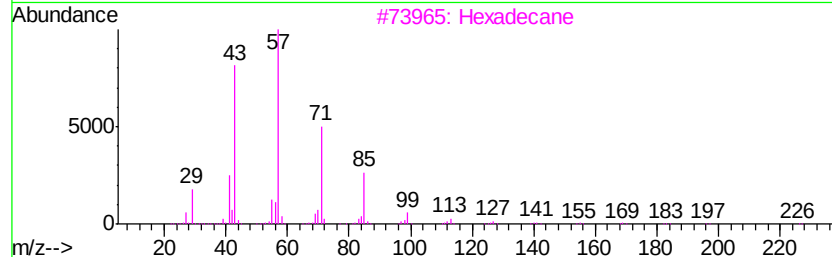
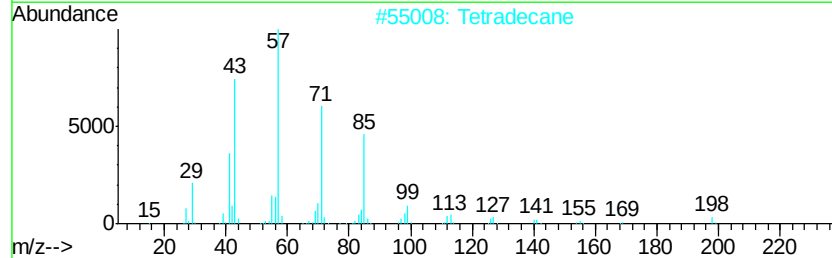
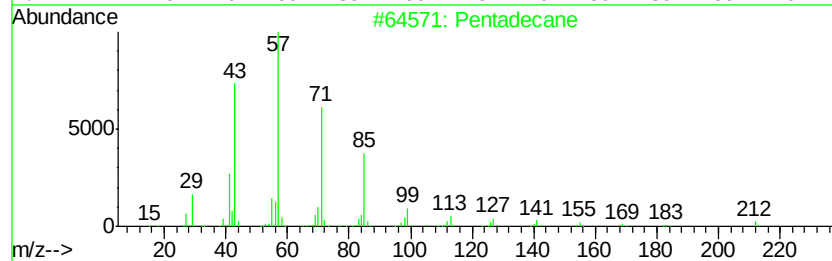
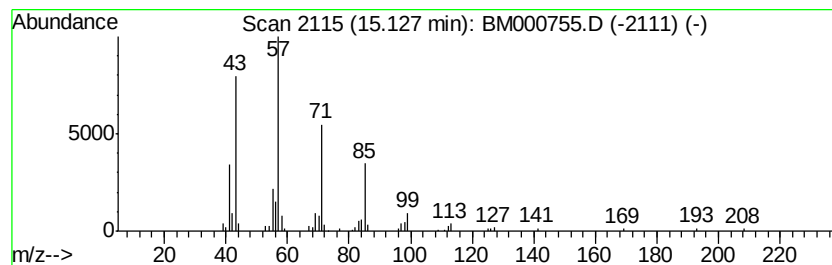
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 (DEL) Alkane: Straight-Chain Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.13	3.06 ng/ul	246423	Acenaphthene-d10	14.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Heptadecane	240	C17H36	000629-78-7	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
Data File : BM000755.D
Acq On : 23 Mar 2015 16:15
Operator : TP/IZ
Sample : G1581-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1M17

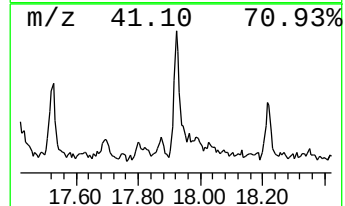
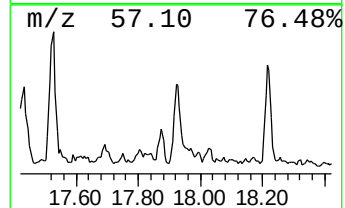
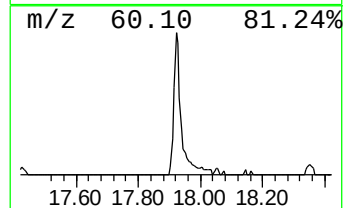
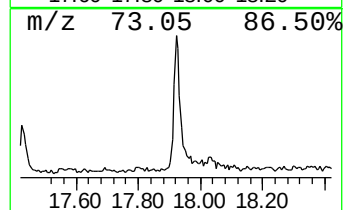
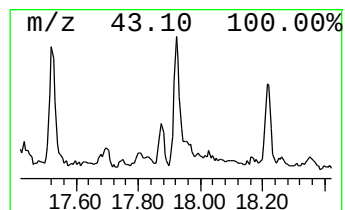
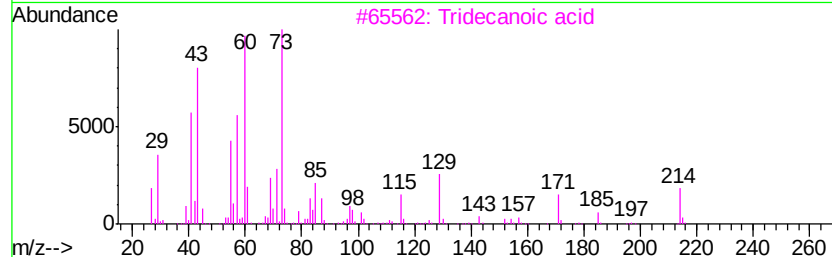
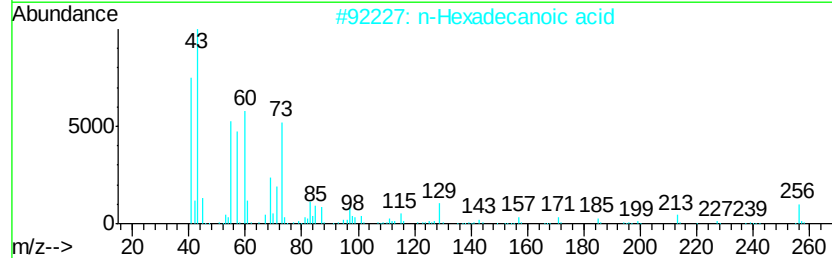
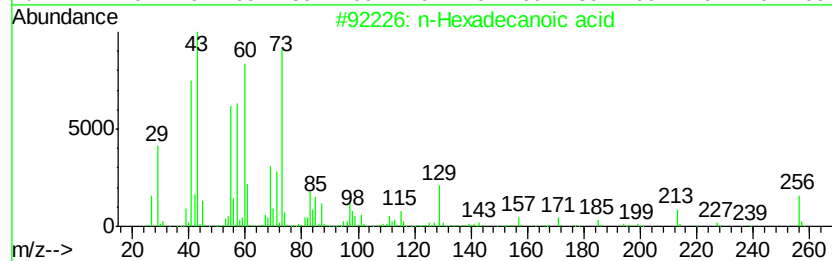
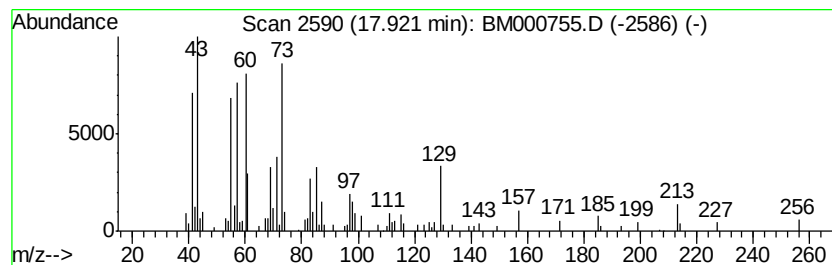
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	2.22 ng/ul	206583	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	80
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
3		Tridecanoic acid	214	C13H26O2	000638-53-9	59
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Methyl isopropylidene-.beta.-d-a...	204	C9H16O5	1000129-88-1	50



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
Data File : BM000755.D
Acq On : 23 Mar 2015 16:15
Operator : TP/IZ
Sample : G1581-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

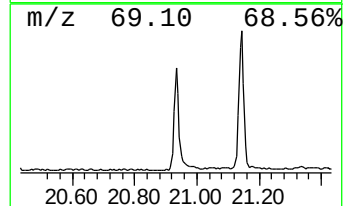
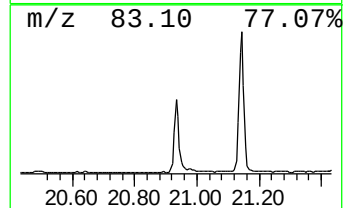
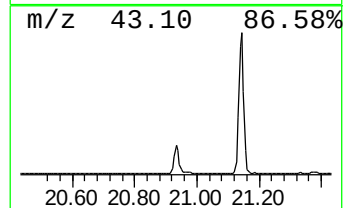
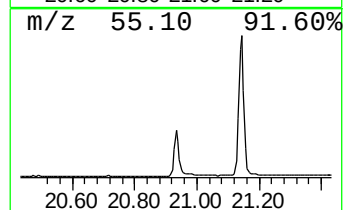
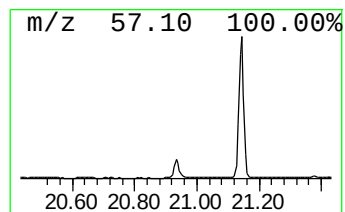
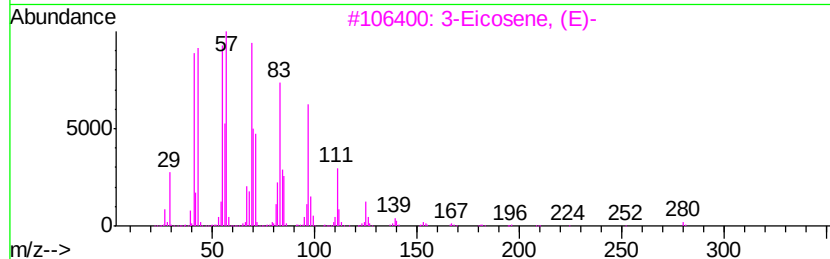
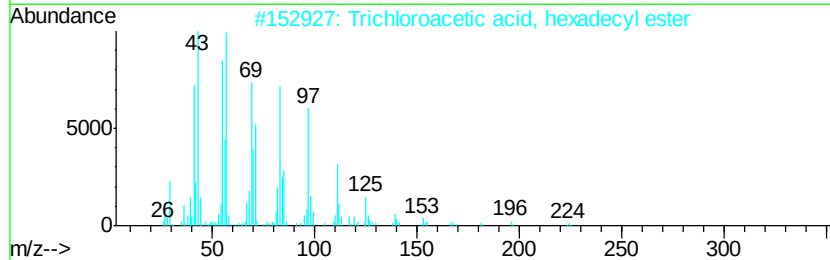
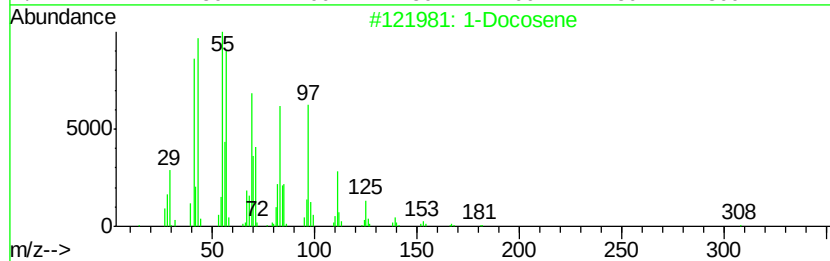
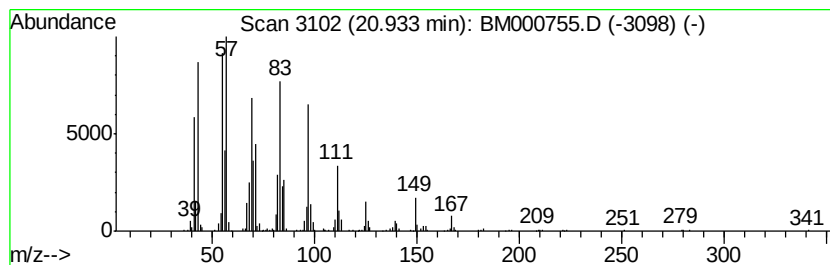
Instrument :
BNA_M
ClientSampleId :
X1M17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.93	7.39 ng/ul	789153	Chrysene-d12	21.22
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Docosene		308 C22H44	001599-67-3 94
2	Trichloroacetic acid, hexadecyl ...		386 C18H33Cl3O2	074339-54-1 94
3	3-Eicosene, (E)-		280 C20H40	074685-33-9 91
4	2-Chloropropionic acid, hexadec...		332 C19H37ClO2	086711-81-1 91
5	1-Heneicosyl formate		340 C22H44O2	077899-03-7 91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
Data File : BM000755.D
Acq On : 23 Mar 2015 16:15
Operator : TP/IZ
Sample : G1581-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1M17

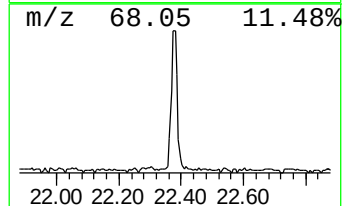
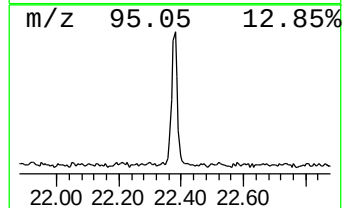
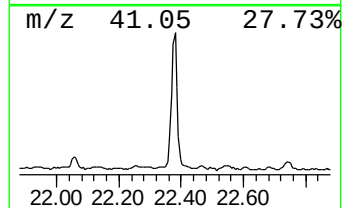
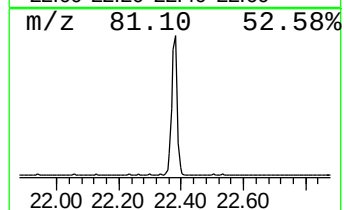
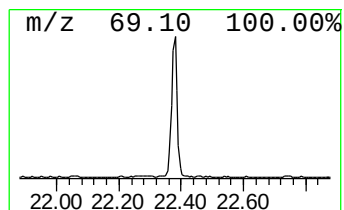
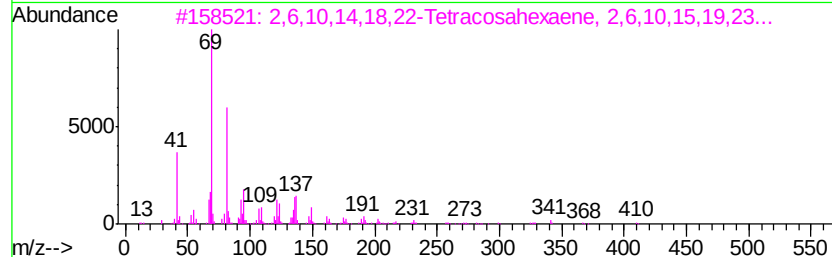
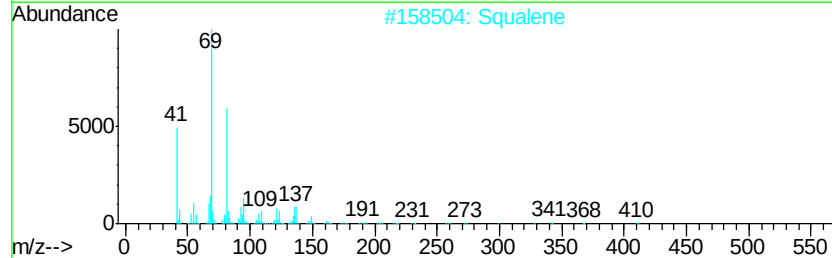
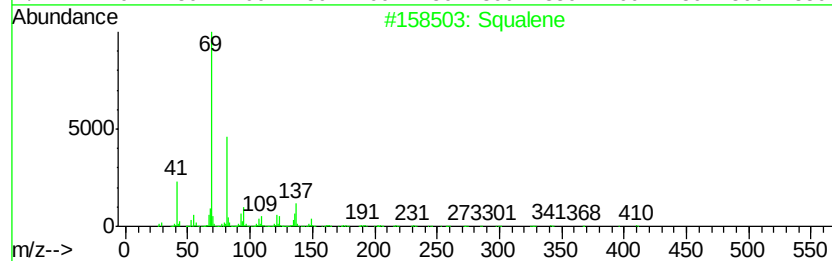
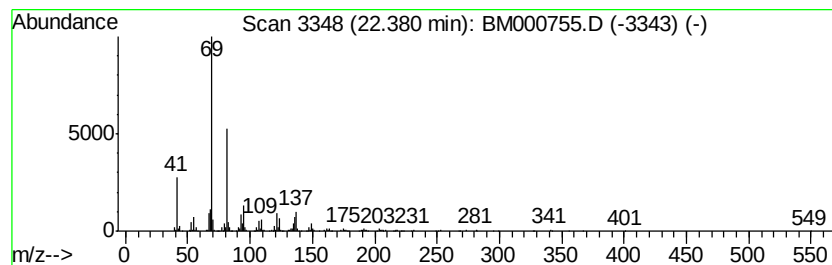
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Squalene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.38	7.15 ng/ul	784888	Perylene-d12	23.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Squalene	410	C30H50	007683-64-9	91
2		Squalene	410	C30H50	007683-64-9	91
3		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
4		2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	91
5		1,5,9-Decatriene, 2,3,5,8-tetram...	192	C14H24	230646-72-7	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM032315\
Data File : BM000755.D
Acq On : 23 Mar 2015 16:15
Operator : TP/IZ
Sample : G1581-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X1M17

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM032115.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...	2.82	6.7	ng/ul	289131	1	7.62	867633	20.0
2-Pentanone, 4-hy...	4.73	3.3	ng/ul	141599	1	7.62	867633	20.0
(DEL) Alkane: Str...	15.13	3.1	ng/ul	246423	3	14.27	1609670	20.0
n-Hexadecanoic acid	17.92	2.2	ng/ul	206583	4	17.02	1864200	20.0
(DEL) Alkane: Cyclic	20.93	7.4	ng/ul	789153	5	21.22	2134330	20.0
Squalene	22.38	7.2	ng/ul	784888	6	23.41	2196690	20.0