

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042015\
 Data File : BM001085.D
 Acq On : 21 Apr 2015 03:24
 Operator : TP/IZ
 Sample : G1859-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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-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	2.769	10	14	20	rVB	456702	535416	17.34%	1.486%
2	3.593	150	154	156	rBV	34283	50837	1.65%	0.141%
3	3.622	156	159	171	rVB2	28881	83306	2.70%	0.231%
4	4.928	377	381	386	rBV4	37049	60747	1.97%	0.169%
5	5.181	418	424	429	rBV2	64776	142349	4.61%	0.395%
6	6.751	681	691	702	rBV	784367	1239295	40.13%	3.439%
7	6.910	713	718	731	rVB	646380	987312	31.97%	2.740%
8	7.104	745	751	761	rVB	818391	1267236	41.03%	3.517%
9	7.198	761	767	776	rVB2	38034	76204	2.47%	0.211%
10	7.569	823	830	837	rBV	830081	1291063	41.81%	3.583%
11	7.651	837	844	864	rBV	510450	1465003	47.44%	4.066%
12	8.287	946	952	962	rBV	900130	1398168	45.27%	3.880%
13	8.728	1020	1027	1036	rBV	743749	1185106	38.38%	3.289%
14	9.445	1142	1149	1156	rBV	623124	988034	31.99%	2.742%
15	9.981	1233	1240	1248	rBV	907108	1483507	48.04%	4.117%
16	10.139	1262	1267	1269	rBV2	30903	48700	1.58%	0.135%
17	10.181	1269	1274	1279	rVV2	125363	207358	6.71%	0.575%
18	10.351	1296	1303	1313	rVB	1109800	1871175	60.59%	5.193%
19	10.498	1316	1328	1343	rBV	539341	990457	32.07%	2.749%
20	11.892	1561	1565	1568	rBV3	34869	50333	1.63%	0.140%
21	12.010	1580	1585	1596	rVB5	30804	76710	2.48%	0.213%
22	12.575	1675	1681	1685	rBV8	26711	48364	1.57%	0.134%
23	12.828	1717	1724	1728	rBV6	39588	84492	2.74%	0.234%
24	12.998	1748	1753	1757	rBV3	104021	162160	5.25%	0.450%
25	13.492	1834	1837	1842	rBV6	39527	71719	2.32%	0.199%
26	13.645	1858	1863	1868	rBV	1516185	2134186	69.11%	5.923%
27	13.692	1868	1871	1878	rVB	216116	321691	10.42%	0.893%
28	13.922	1900	1910	1922	rBV	1712099	2701962	87.49%	7.499%
29	14.063	1931	1934	1941	rVB6	91527	153570	4.97%	0.426%
30	14.139	1943	1947	1951	rBV3	86062	127772	4.14%	0.355%
31	14.233	1957	1963	1973	rVB2	1589820	2489800	80.62%	6.910%
32	14.451	1995	2000	2006	rBV	539515	802297	25.98%	2.227%
33	14.680	2036	2039	2043	rBV3	135201	170638	5.53%	0.474%
34	14.898	2072	2076	2080	rVB2	232601	319382	10.34%	0.886%

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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-BM041515.M
Title : SVOA CALIBRATION

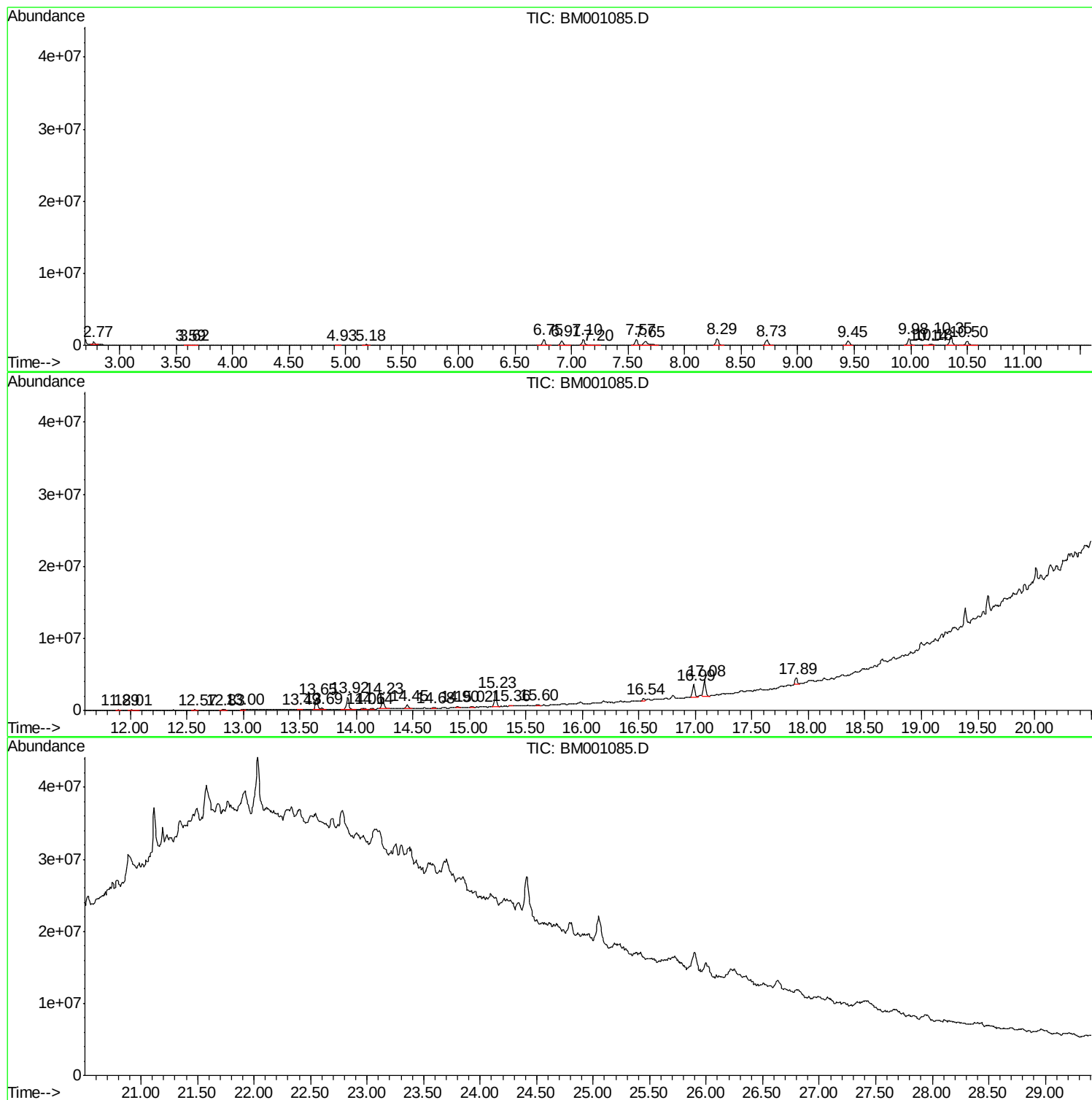
35	15.021	2093	2097	2101	rBV3	157220	234839	7.60%	0.652%
36	15.233	2127	2133	2139	rBV	2077798	3088218	100.00%	8.571%
37	15.357	2152	2154	2158	rVB3	123205	136316	4.41%	0.378%
38	15.604	2193	2196	2200	rVB	176299	221993	7.19%	0.616%
39	16.539	2352	2355	2358	rBV3	315398	486658	15.76%	1.351%
40	16.986	2426	2431	2437	rBV	1810080	2712673	87.84%	7.528%
41	17.080	2443	2447	2454	rVB	2251170	3033379	98.22%	8.418%
42	17.892	2582	2585	2590	rVB	793412	1032612	33.44%	2.866%

Sum of corrected areas: 36033037

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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



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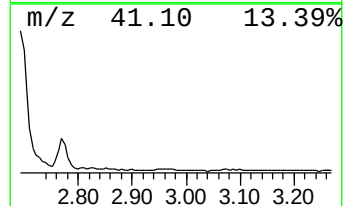
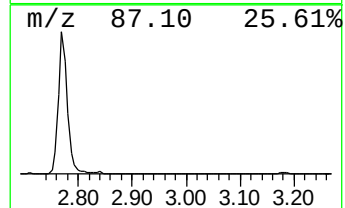
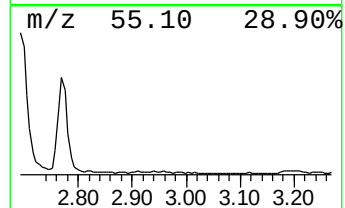
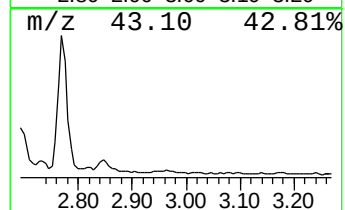
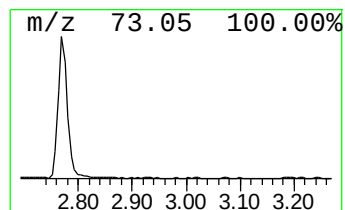
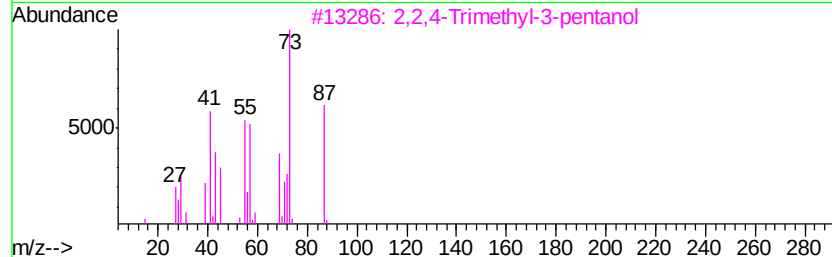
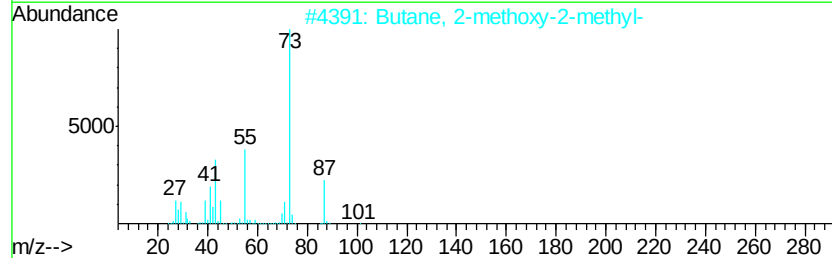
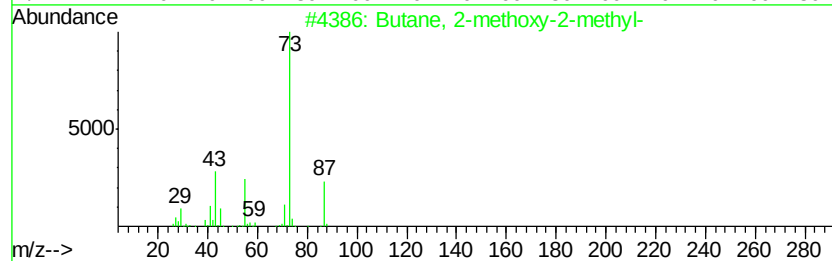
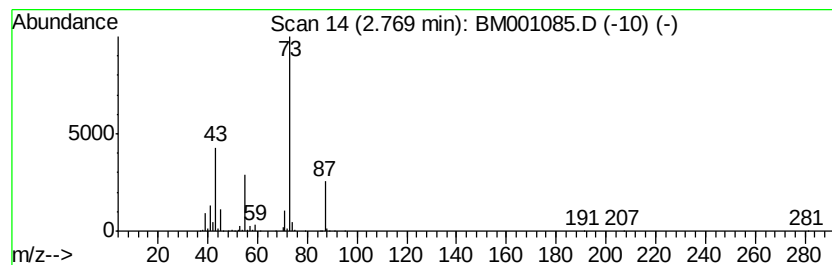
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.77	8.29 ng/ul	535416	1,4-Dichlorobenzene-d4	7.57

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		2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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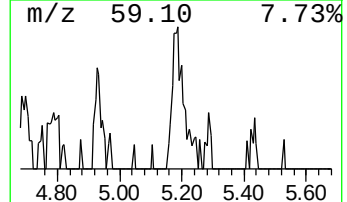
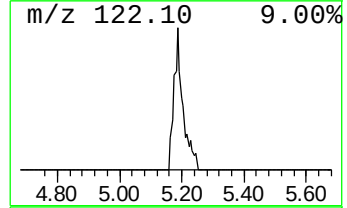
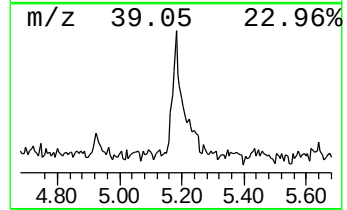
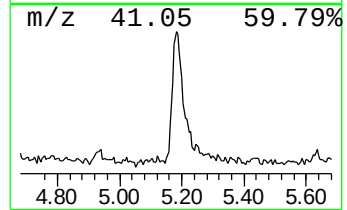
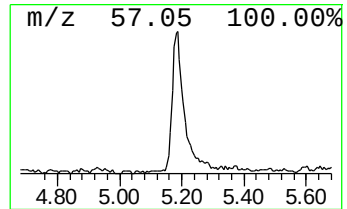
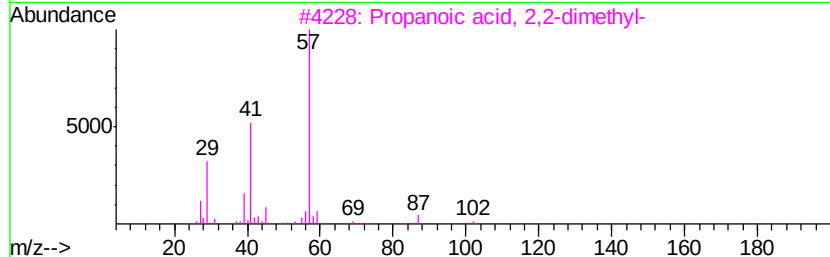
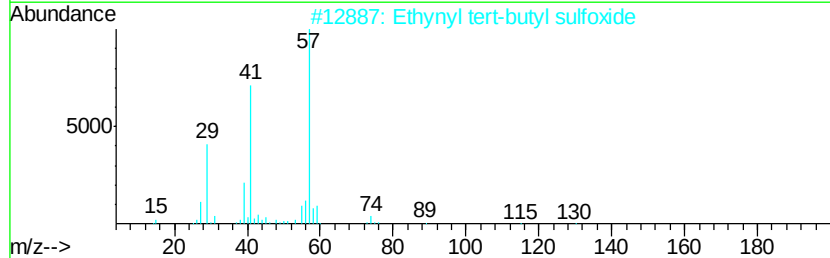
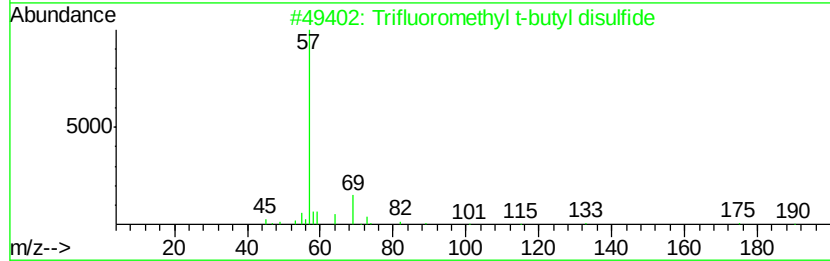
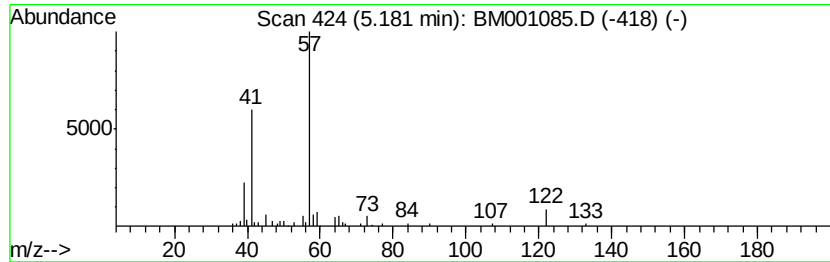
Quant Method : Z:\HPCHEM1\BNA M\Methods\SOM01.2-EPA-BM041515.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.21 ng/ul	142349	1,4-Dichlorobenzene-d4	7.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trifluoromethyl t-butyl disulfide	190	C5H9F3S2	145372-23-2	47
2			Ethynyl tert-butyl sulfoxide	130	C6H10OS	041463-34-7	23
3			Propanoic acid, 2,2-dimethyl-	102	C5H10O2	000075-98-9	17
4			Allyl thiopropionate	130	C6H10OS	041820-22-8	17
5			Butane, 2-bromo-	136	C4H9Br	000078-76-2	12



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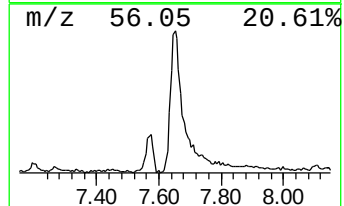
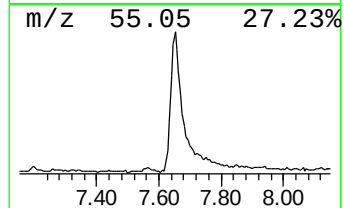
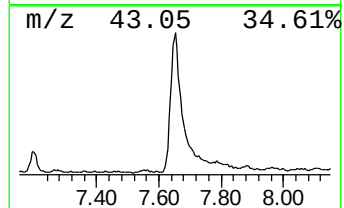
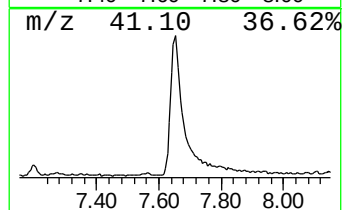
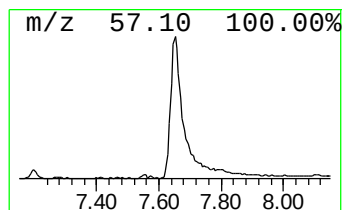
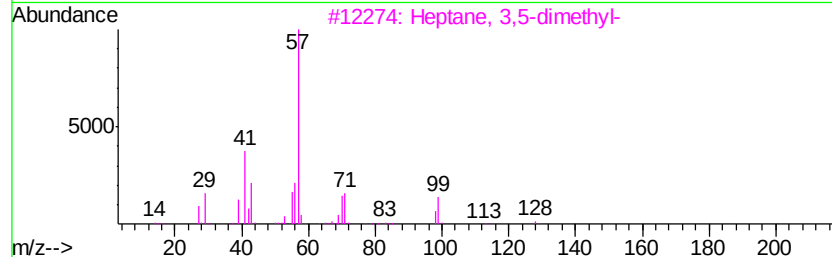
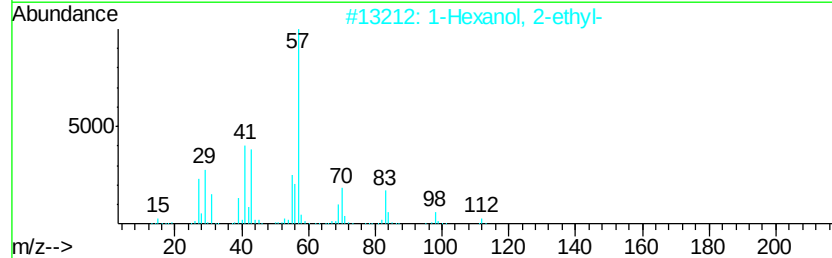
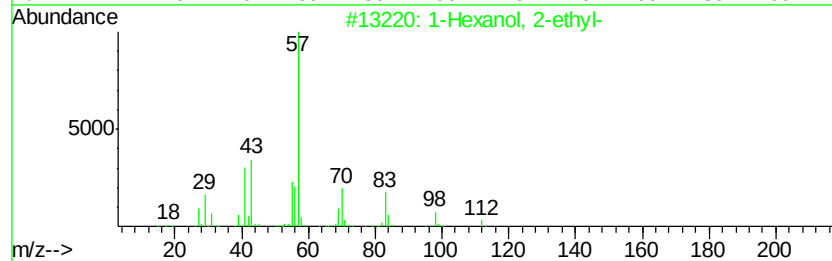
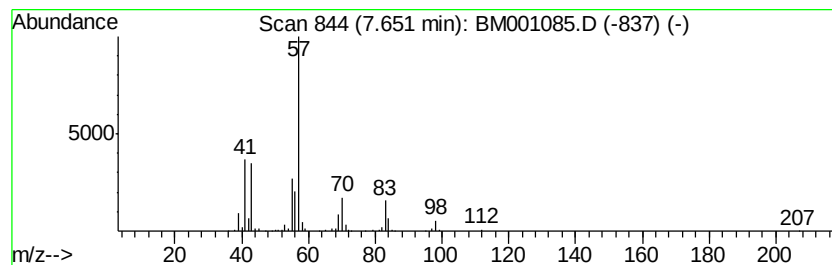
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	22.69 ng/ul	1465000	1,4-Dichlorobenzene-d4	7.57

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	74
3		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	59
4		1-Pentanol, 2-ethyl-4-methyl-	130	C8H18O	000106-67-2	56
5		1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	50



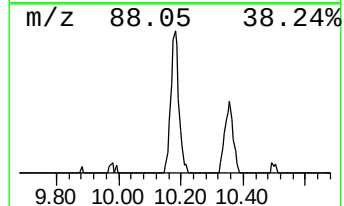
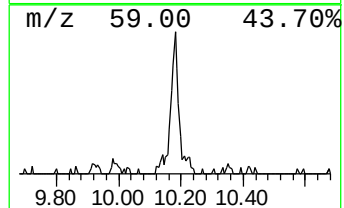
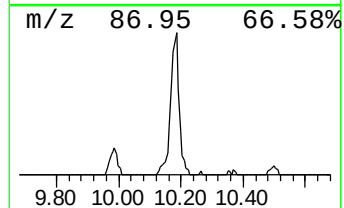
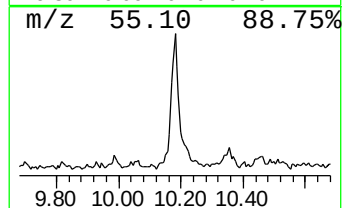
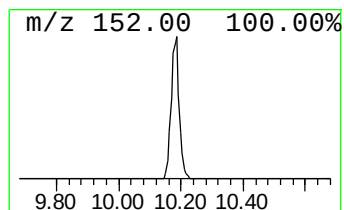
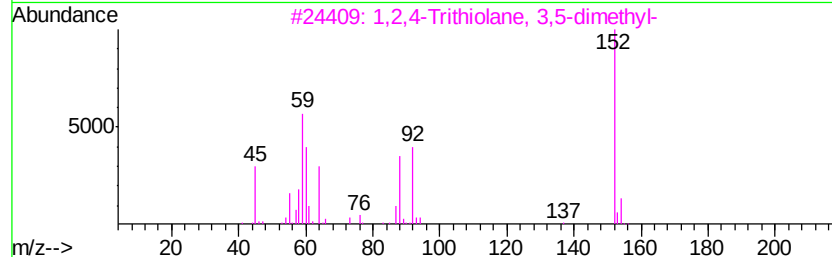
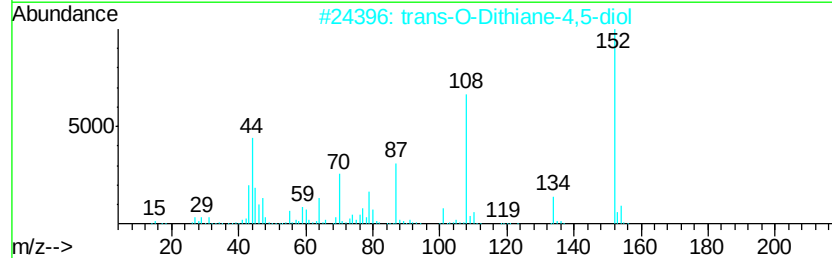
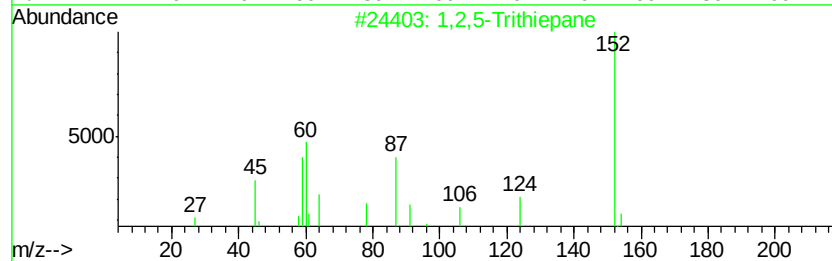
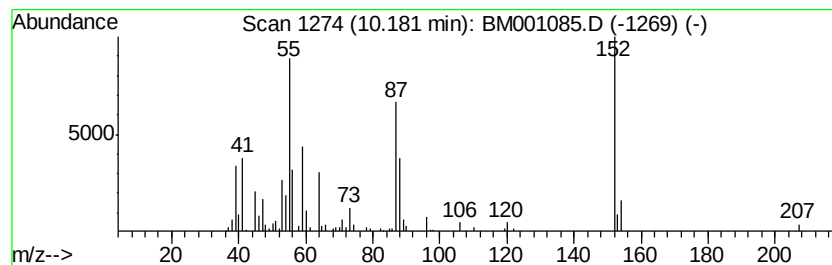
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 1,2,5-Trithiepane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	2.22 ng/ul	207358	Napthalene-d8	10.35
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,2,5-Trithiepane	152	C4H8S3	006576-93-8 52
2	trans-O-Dithiane-4,5-diol	152	C4H8O2S2	014193-38-5 43
3	1,2,4-Trithiolane, 3,5-dimethyl-	152	C4H8S3	023654-92-4 42
4	1,2,5-Trithiepane	152	C4H8S3	006576-93-8 40
5	2-Bromoethyl vinyl sulfide	166	C4H7BrS	1000226-90-6 22



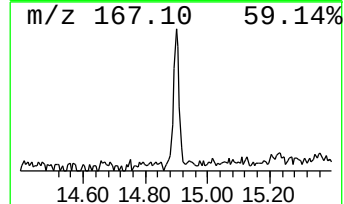
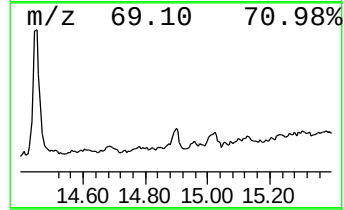
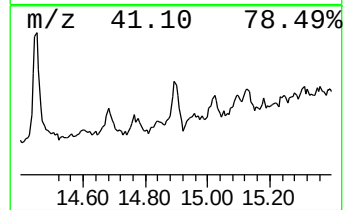
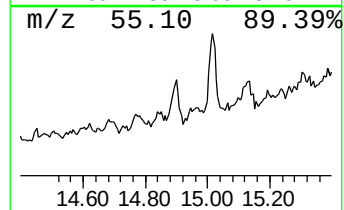
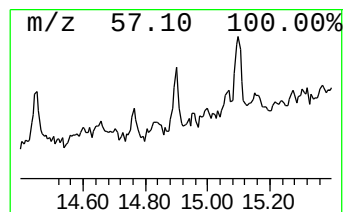
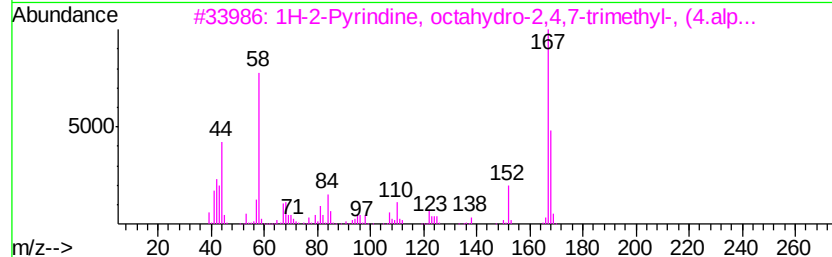
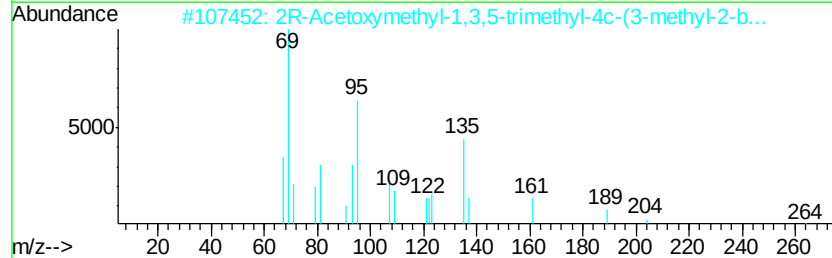
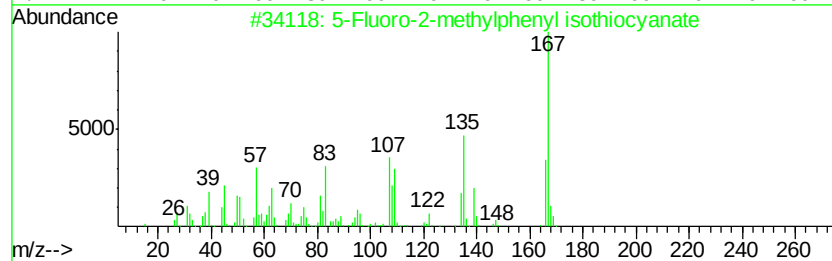
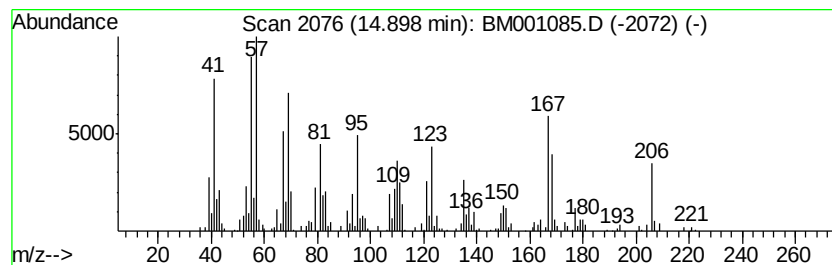
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-02 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.90	2.57 ng/ul	319382	Acenaphthene-d10	14.23	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-methylphenyl isothiocy...	167	C8H6FNS	175205-39-7	27
2	2R-Acetoxymethyl-1,3,5-trimethyl...	282	C17H30O3	1000144-12-6	14
3	1H-2-Pyridine, octahydro-2,4,7-...	167	C11H21N	024282-31-3	14
4	4(1H)-Oxopyridine-1-carboxylic a...	167	C8H9NO3	057330-83-3	14
5	4-Dodecyne	166	C12H22	022058-01-1	14



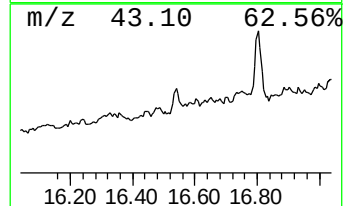
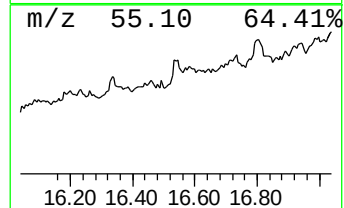
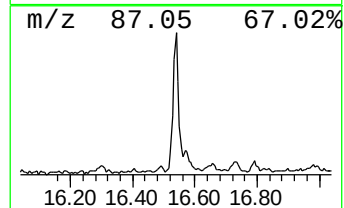
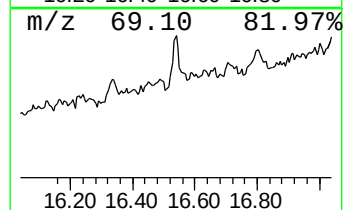
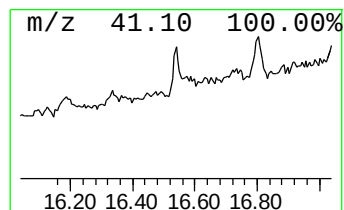
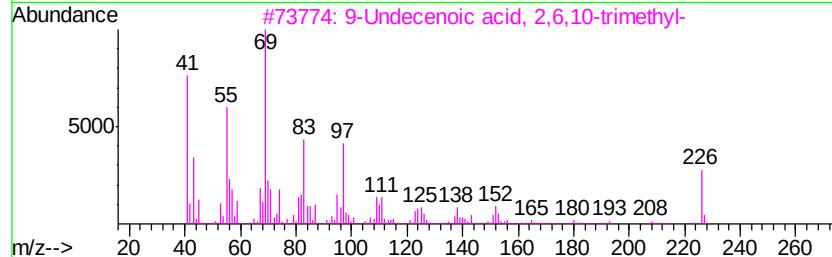
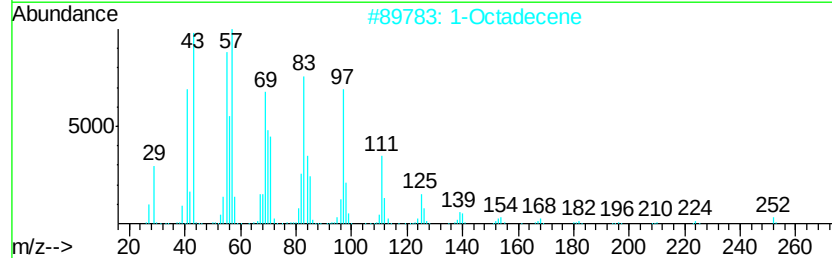
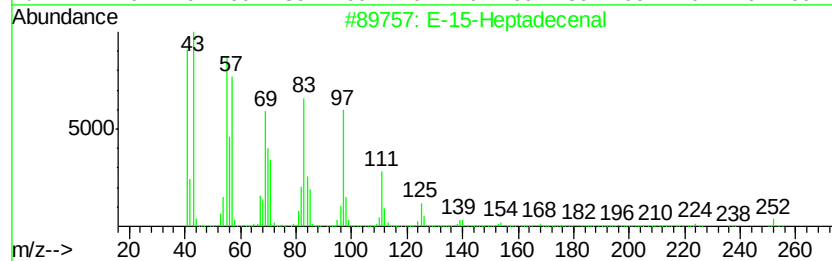
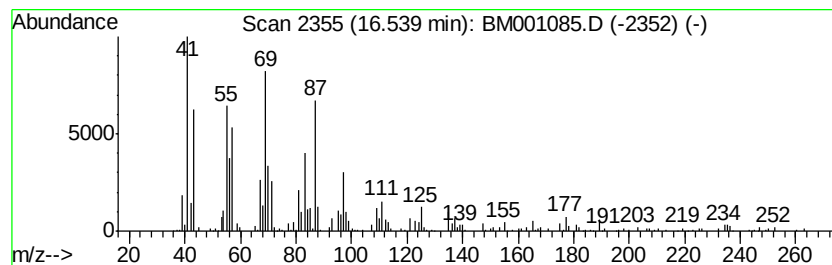
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Acq On : 21 Apr 2015 03:24
Operator : TP/IZ
Sample : G1859-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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 6 E-15-Heptadecenal Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.54	3.59 ng/ul	486658	Phenanthrene-d10	16.98		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-15-Heptadecenal	252	C17H32O	1000130-97-9	74	
2	1-Octadecene	252	C18H36	000112-88-9	70	
3	9-Undecenoic acid, 2,6,10-trimet...	226	C14H26O2	1000131-86-2	70	
4	3-Trifluoroacetoxytetradecane	310	C16H29F3O2	1000245-47-5	62	
5	1-Tridecene	182	C13H26	002437-56-1	60	



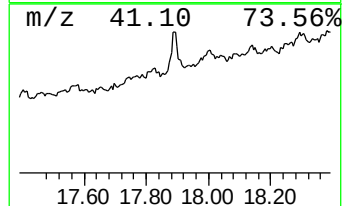
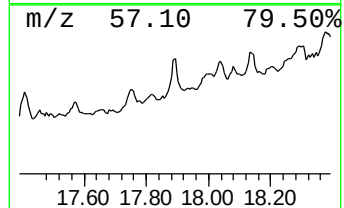
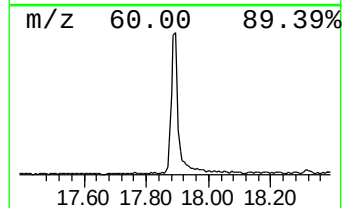
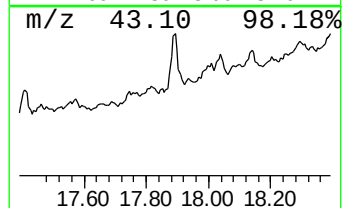
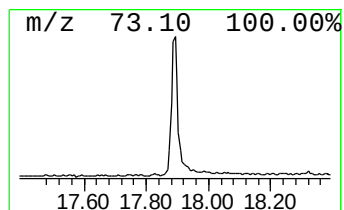
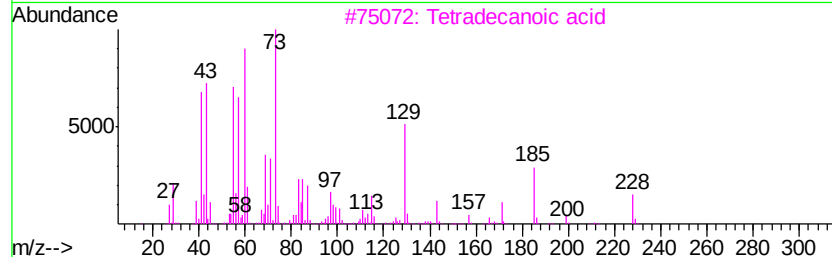
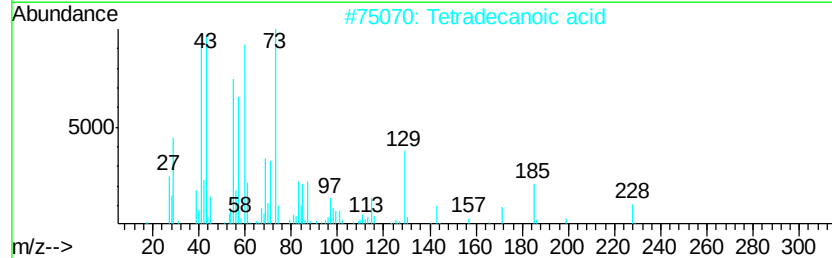
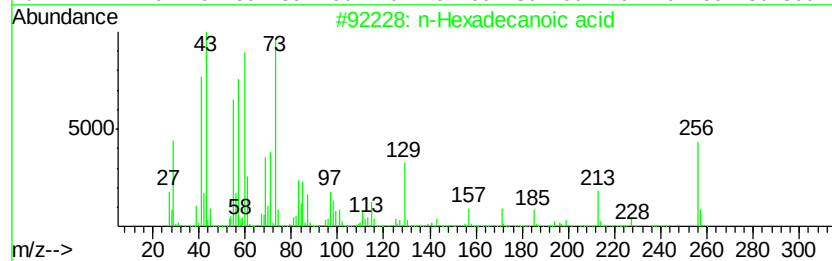
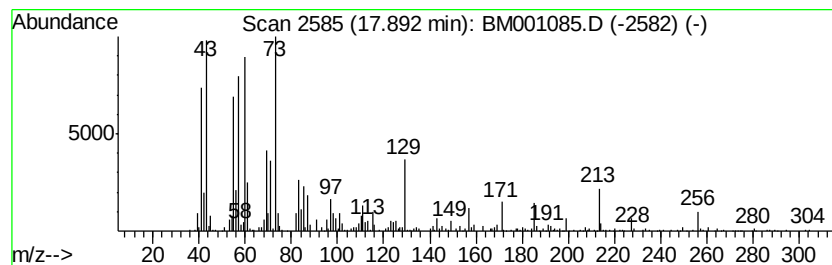
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Data File : BM001085.D
Acq On : 21 Apr 2015 03:24
Operator : TP/IZ
Sample : G1859-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

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 7 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD		R.T.		
17.89	7.61 ng/ul	1032610	Phenanthrene-d10		16.98		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
2			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3			Tetradecanoic acid	228	C14H28O2	000544-63-8	74
4			Pentadecanoic acid	242	C15H30O2	001002-84-2	72
5			Tridecanoic acid	214	C13H26O2	000638-53-9	72



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042015\
Data File : BM001085.D
Acq On : 21 Apr 2015 03:24
Operator : TP/IZ
Sample : G1859-03
Misc :
ALS Vial : 19 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.77	8.3	ng/ul	535416	1	7.57	1291060	20.0
unknown-01	5.18	2.2	ng/ul	142349	1	7.57	1291060	20.0
1-Hexanol, 2-ethyl-	7.65	22.7	ng/ul	1465000	1	7.57	1291060	20.0
1,2,5-Trithiepane	10.18	2.2	ng/ul	207358	2	10.35	1871180	20.0
unknown-02	14.90	2.6	ng/ul	319382	3	14.23	2489800	20.0
E-15-Heptadecenal	16.54	3.6	ng/ul	486658	4	16.98	2712670	20.0
n-Hexadecanoic acid	17.89	7.6	ng/ul	1032610	4	16.98	2712670	20.0