

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
 Data File : BM005072.D
 Acq On : 26 Apr 2016 09:12
 Operator : UM/SJ
 Sample : H2584-22
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BC7J7

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 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-BM042516.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	3.087	64	68	82	rBV	169677	208722	8.32%	0.943%
2	4.340	277	281	292	rBV	64016	89143	3.55%	0.403%
3	4.928	375	381	390	rBB	37657	53609	2.14%	0.242%
4	6.969	722	728	739	rBV	410692	648412	25.85%	2.930%
5	7.133	749	756	767	rBV	323074	463638	18.48%	2.095%
6	7.333	783	790	796	rBV	446140	709289	28.28%	3.205%
7	7.386	796	799	815	rVB	73472	117480	4.68%	0.531%
8	7.798	863	869	877	rBV	274538	438634	17.49%	1.982%
9	8.504	982	989	1001	rBV	491023	798493	31.84%	3.608%
10	8.957	1059	1066	1078	rBV	251729	411405	16.40%	1.859%
11	9.675	1182	1188	1197	rBB	219337	360222	14.36%	1.628%
12	10.210	1273	1279	1293	rBV	357783	596982	23.80%	2.698%
13	10.586	1336	1343	1354	rBB	257150	428451	17.08%	1.936%
14	10.727	1360	1367	1377	rBV	286553	494521	19.72%	2.235%
15	12.110	1596	1602	1610	rVB	73611	110773	4.42%	0.501%
16	13.845	1891	1897	1901	rBV	644382	929974	37.08%	4.203%
17	13.892	1901	1905	1913	rVB	280159	375184	14.96%	1.695%
18	14.133	1939	1946	1954	rBV	699873	1070885	42.70%	4.839%
19	14.333	1974	1980	1985	rBV	22917	30207	1.20%	0.137%
20	14.439	1989	1998	2005	rBB2	429595	644884	25.71%	2.914%
21	14.639	2026	2032	2047	rBV	252910	393485	15.69%	1.778%
22	15.286	2137	2142	2147	rVB	53092	66880	2.67%	0.302%
23	15.433	2161	2167	2177	rVB	957235	1398563	55.76%	6.320%
24	15.551	2181	2187	2198	rVB	290714	399999	15.95%	1.808%
25	15.674	2201	2208	2215	rBV3	19965	45436	1.81%	0.205%
26	16.145	2283	2288	2304	rBV	63961	107841	4.30%	0.487%
27	16.939	2418	2423	2426	rBV	37287	45260	1.80%	0.205%
28	17.186	2459	2465	2471	rBV	576672	836883	33.37%	3.782%
29	17.286	2475	2482	2490	rVB	1068034	1570038	62.60%	7.095%
30	17.674	2543	2548	2553	rBV	21672	26841	1.07%	0.121%
31	18.068	2611	2615	2626	rBV	39690	63447	2.53%	0.287%
32	19.215	2805	2810	2817	rBV	18513	30897	1.23%	0.140%
33	19.580	2866	2872	2884	rBV2	1684753	2508199	100.00%	11.334%
34	20.115	2956	2963	2969	rBV	45422	55535	2.21%	0.251%

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35	20.615	3043	3048	3053	rBV	47288	52356	2.09%	0.237%
36	21.074	3122	3126	3137	rBV	113104	162834	6.49%	0.736%
37	21.374	3171	3177	3185	rBV	1031782	1335388	53.24%	6.035%
38	21.515	3198	3201	3207	rVB2	22412	25224	1.01%	0.114%
39	22.427	3351	3356	3365	rBV2	26693	47124	1.88%	0.213%
40	22.556	3375	3378	3384	rVB	26177	35680	1.42%	0.161%
41	22.938	3440	3443	3447	rVB2	24840	31611	1.26%	0.143%
42	23.515	3533	3541	3556	rBV2	1249802	2454429	97.86%	11.091%
43	23.662	3558	3566	3578	rVB2	675291	1304141	52.00%	5.893%
44	24.179	3648	3654	3664	rVB	40473	82024	3.27%	0.371%
45	24.938	3778	3783	3790	rVB2	33634	67948	2.71%	0.307%

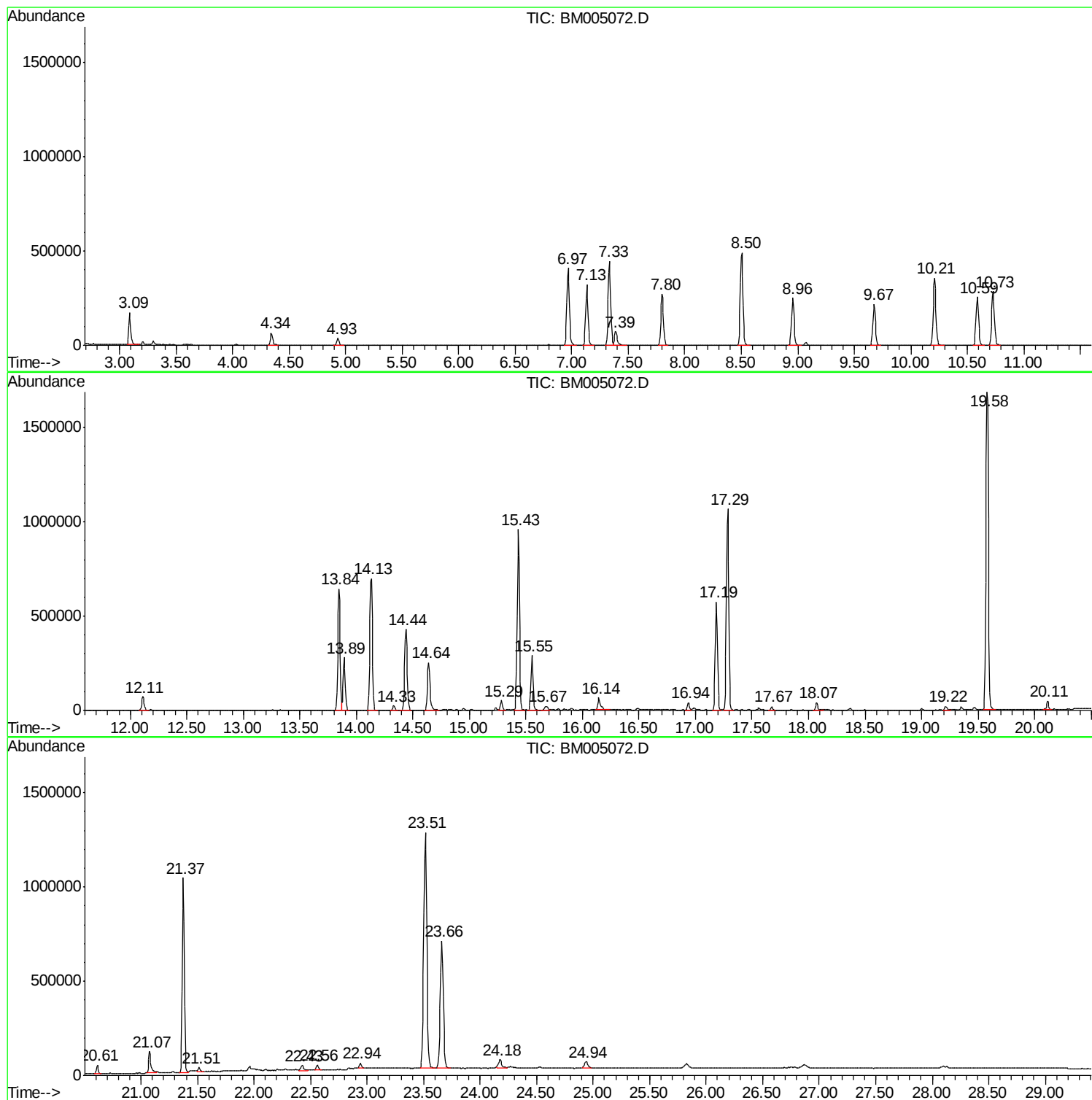
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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ClientSampleId :
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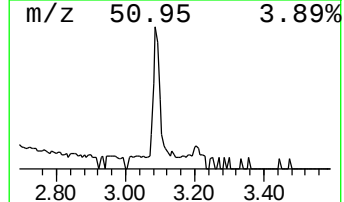
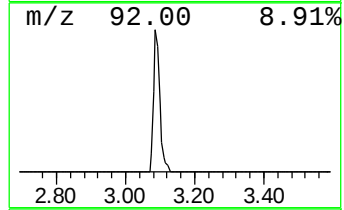
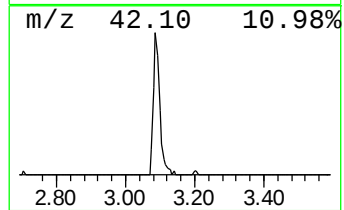
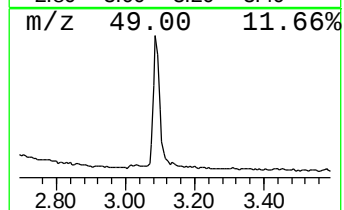
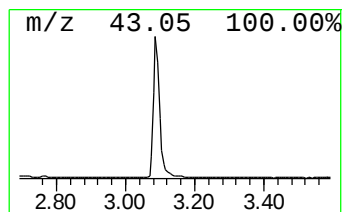
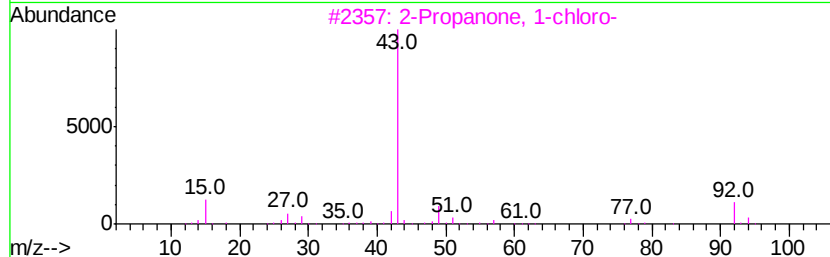
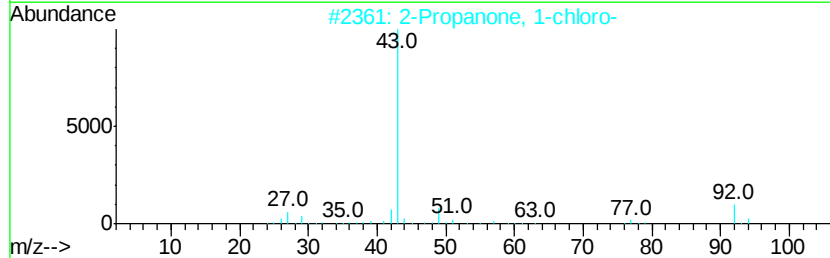
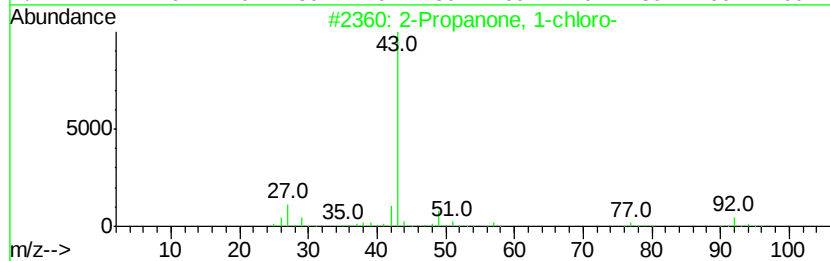
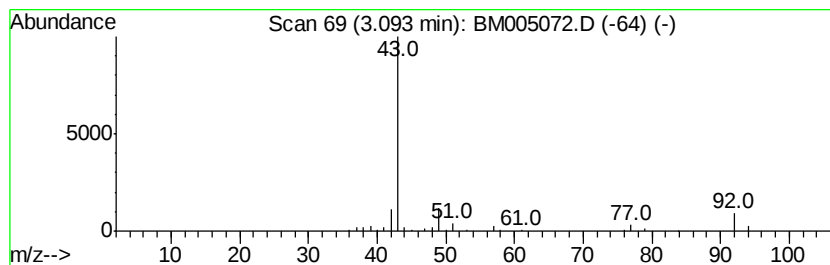
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 2-Propanone, 1-chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.09	9.52 ng/ul	208722	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	90
2			2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	86
3			2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	86
4			2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	86
5			Chloroacetamidine	92	C2H5ClN2	020846-52-0	47



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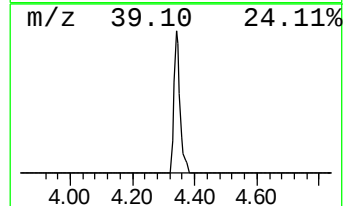
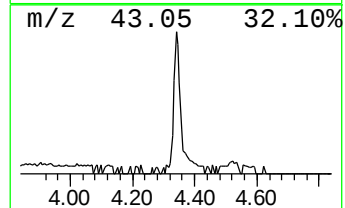
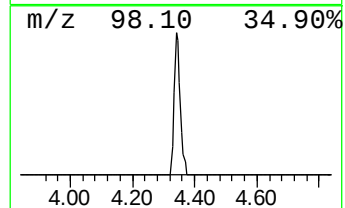
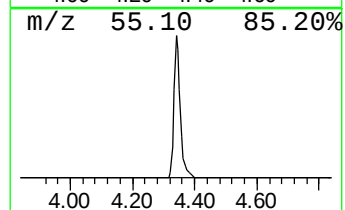
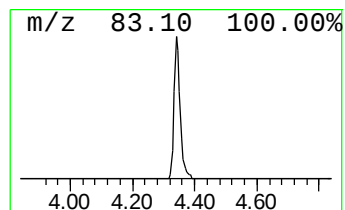
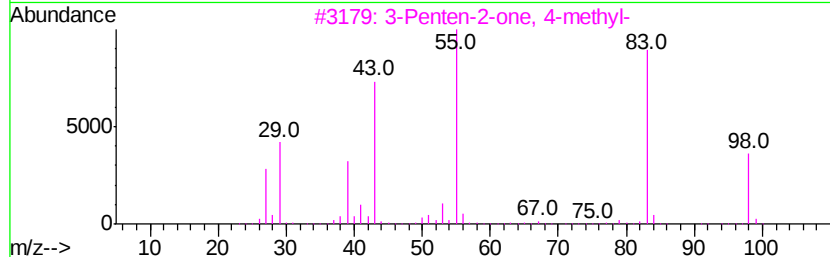
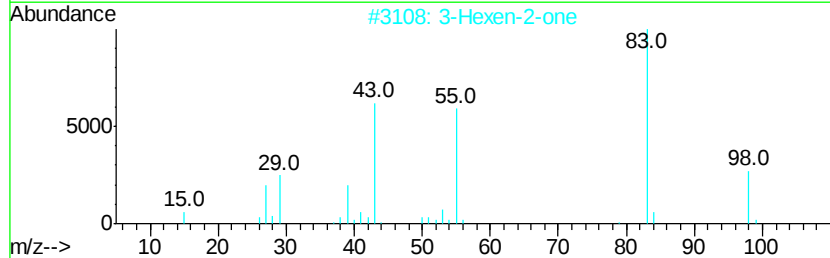
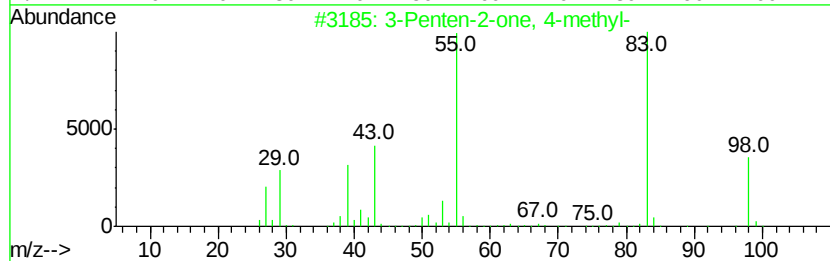
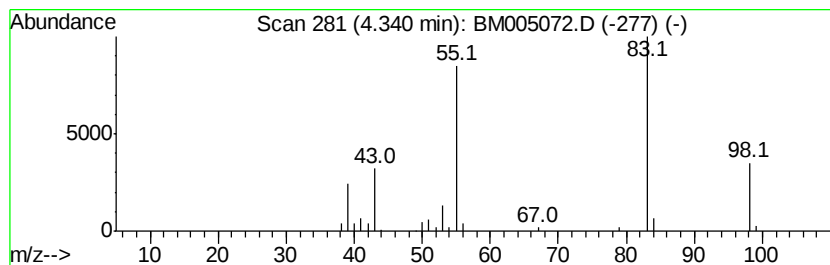
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Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.34	4.06 ng/ul	89143	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2			3-Hexen-2-one	98	C6H10O	000763-93-9	91
3			3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
4			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
5			3-Hexen-2-one	98	C6H10O	000763-93-9	90



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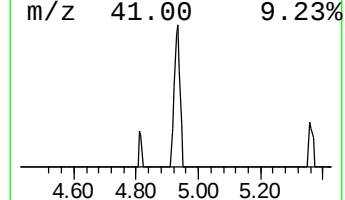
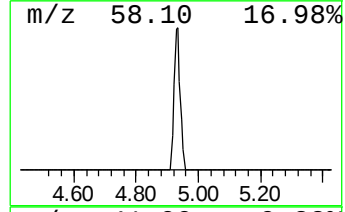
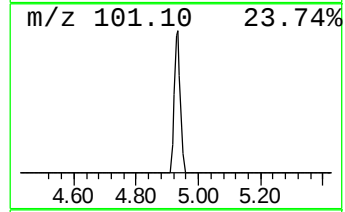
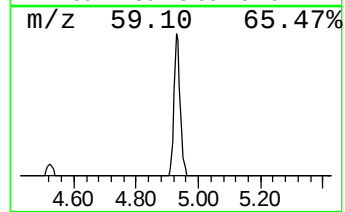
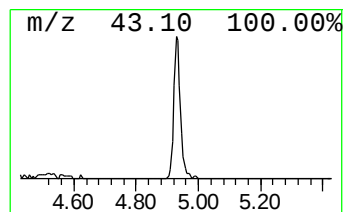
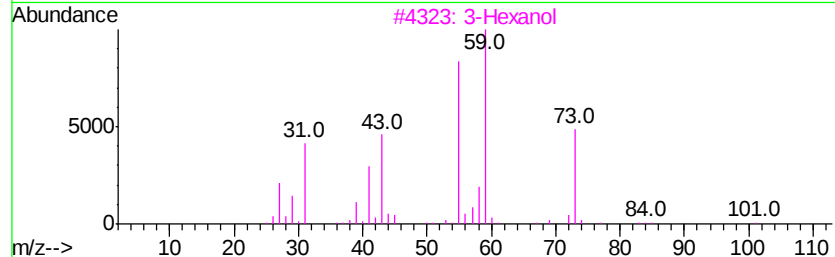
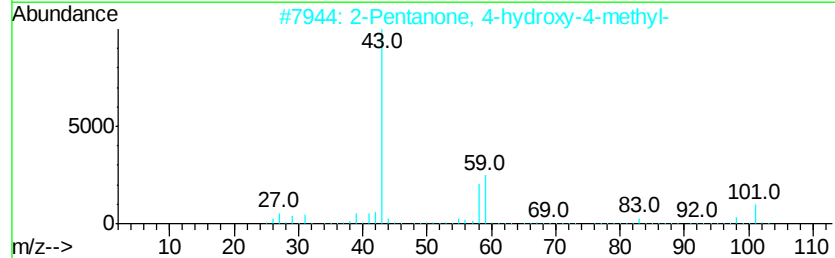
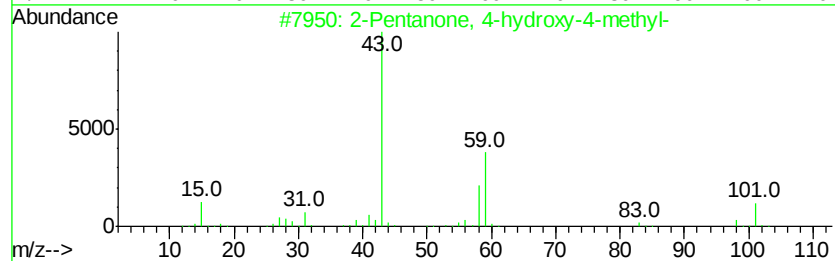
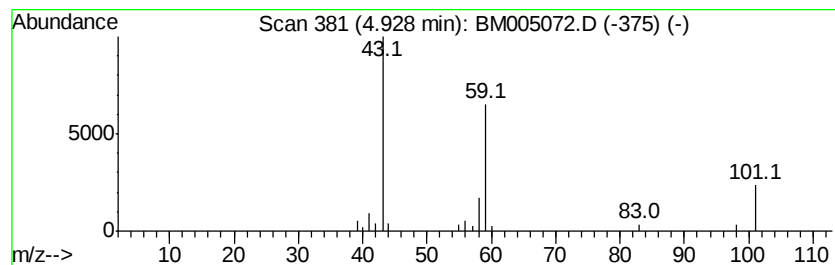
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	2.44 ng/ul	53609	1,4-Dichlorobenzene-d4	7.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64		
3	3-Hexanol	102	C6H14O	000623-37-0	28		
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25		
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



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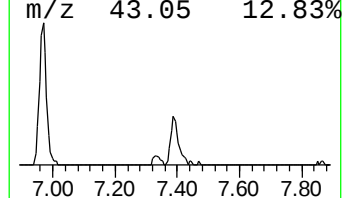
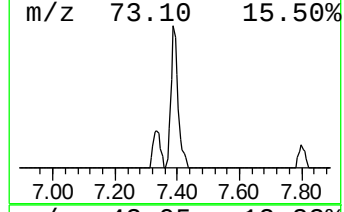
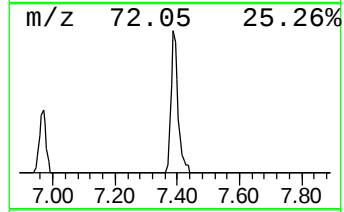
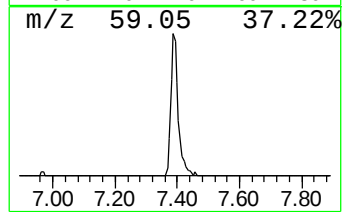
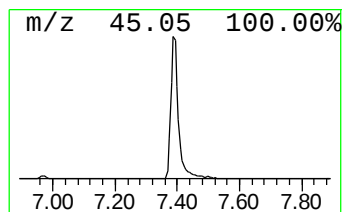
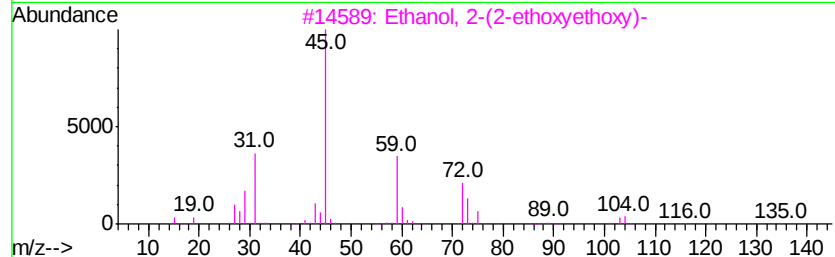
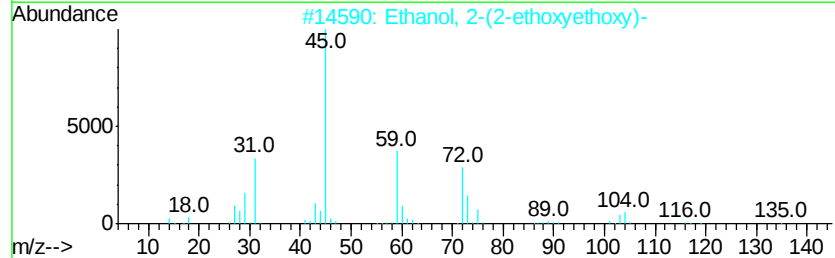
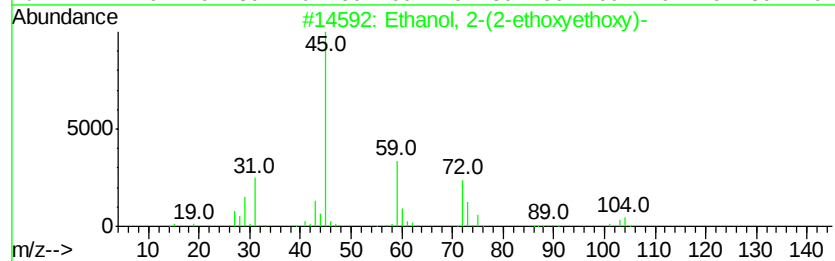
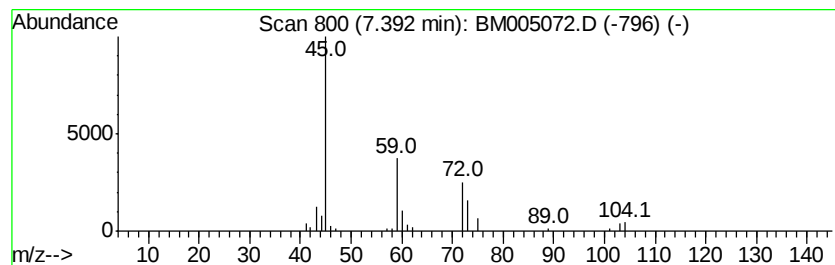
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Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.39	5.36 ng/ul	117480	1,4-Dichlorobenzene-d4	7.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	90
2		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
3		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
4		Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	78
5		Ethane, 1,1'-oxybis[2-ethoxy-]	162	C8H18O3	000112-36-7	72



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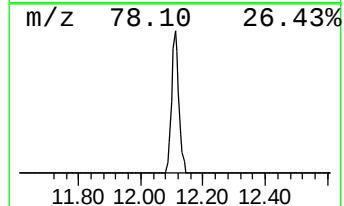
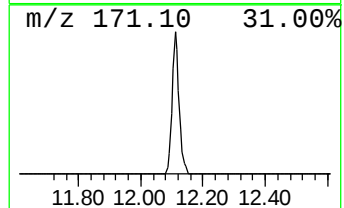
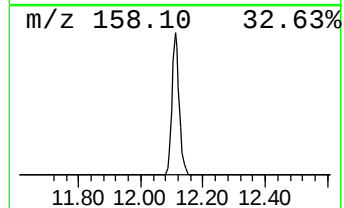
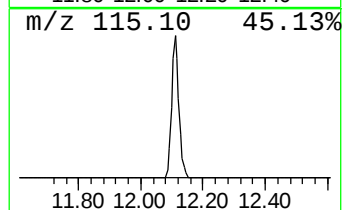
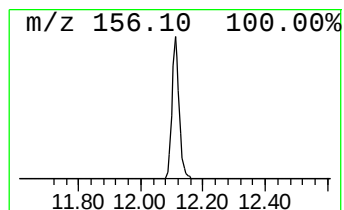
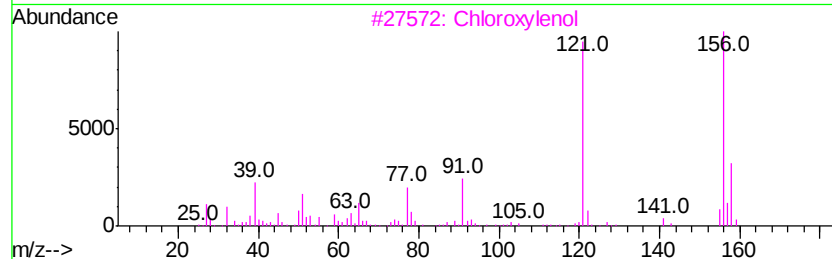
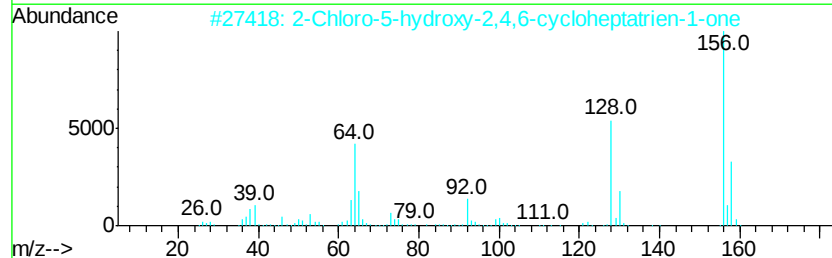
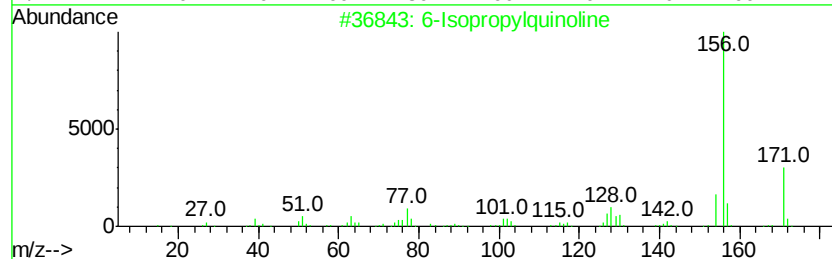
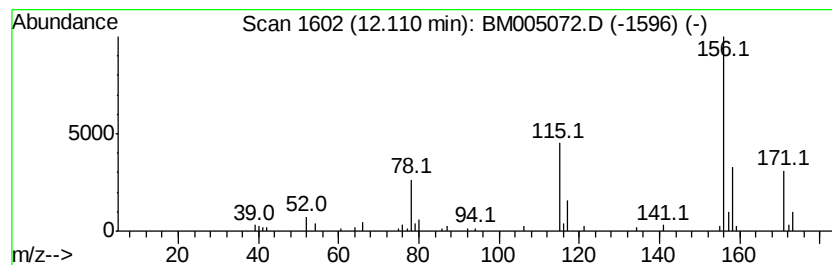
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	5.17 ng/ul	110773	Napthalene-d8	10.59

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Isopropylquinoline		171	C12H13N	000135-79-5	38
2	2-Chloro-5-hydroxy-2,4,6-cyclohe...		156	C7H5ClO2	007009-16-7	32
3	Chloroxvlenol		156	C8H9ClO	000088-04-0	32
4	Benzene, 2,5-cyclohexadien-1-yl-		156	C12H12	004794-05-2	28
5	2-(2-Chloro-pyridin-3-yl)-propan...		171	C8H10ClNO	267003-35-0	25



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
Data File : BM005072.D
Acq On : 26 Apr 2016 09:12
Operator : UM/SJ
Sample : H2584-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7J7

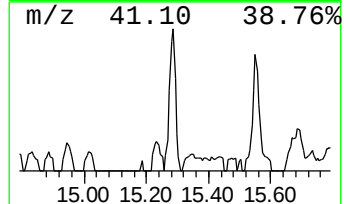
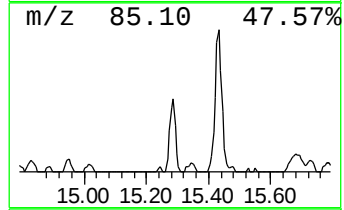
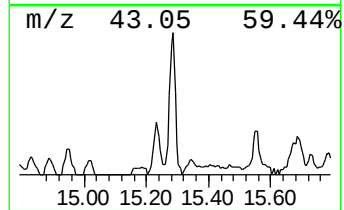
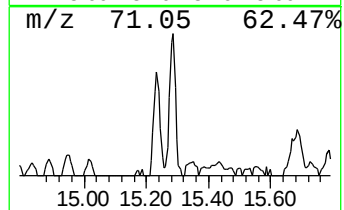
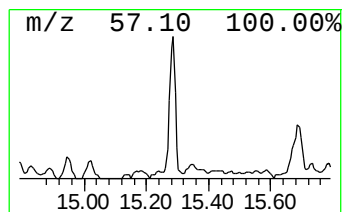
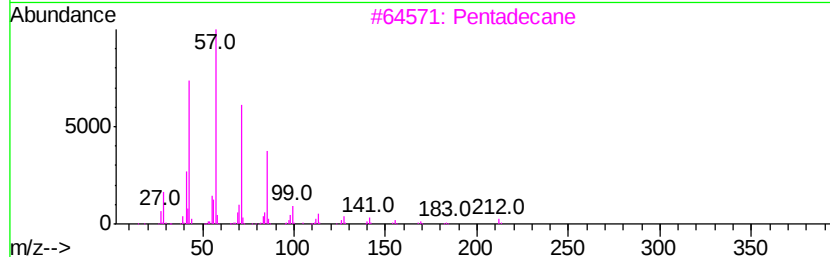
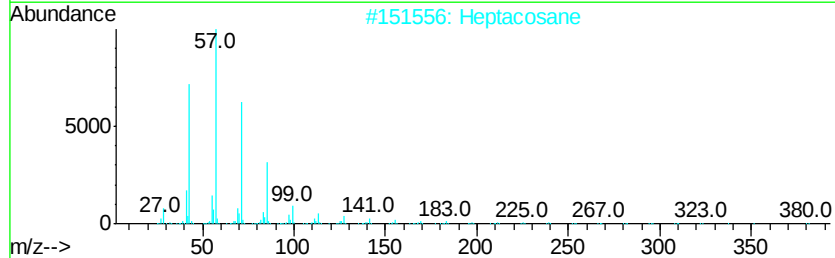
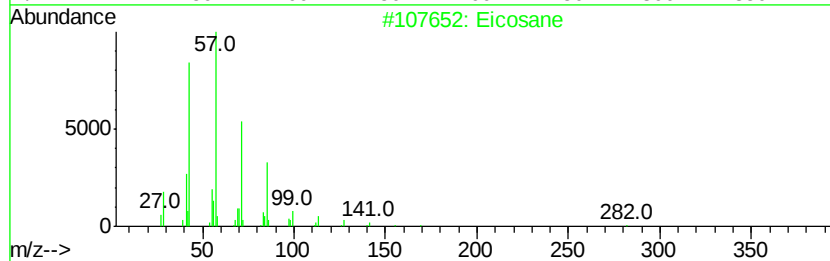
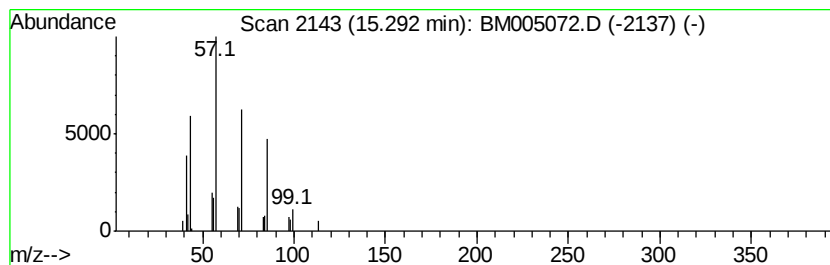
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	2.07 ng/ul	66880	Acenaphthene-d10	14.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Eicosane	282	C20H42	000112-95-8	91
2			Heptacosane	380	C27H56	000593-49-7	90
3			Pentadecane	212	C15H32	000629-62-9	90
4			Nonadecane	268	C19H40	000629-92-5	87
5			Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
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Sample : H2584-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7J7

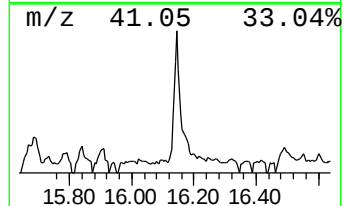
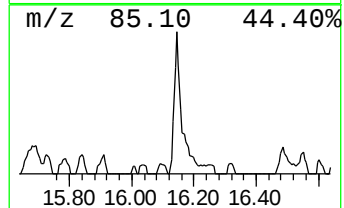
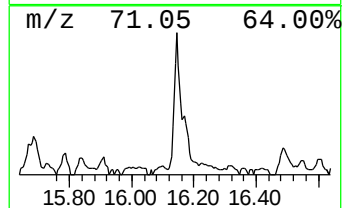
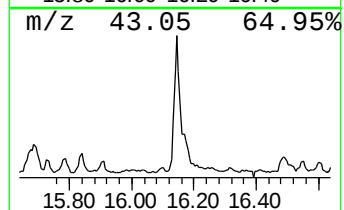
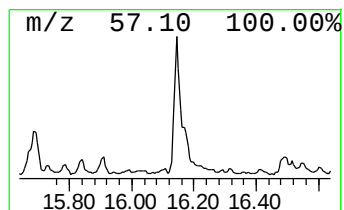
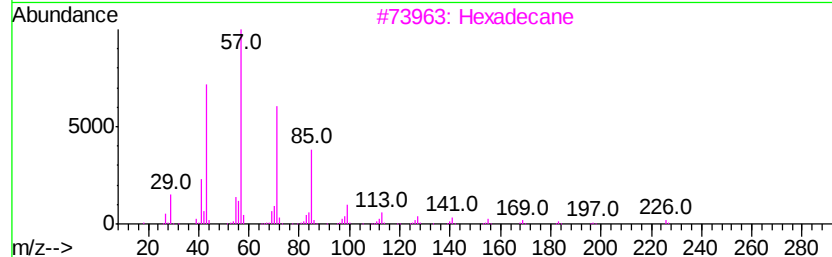
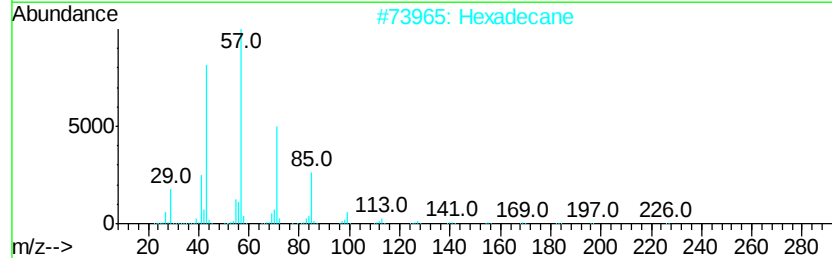
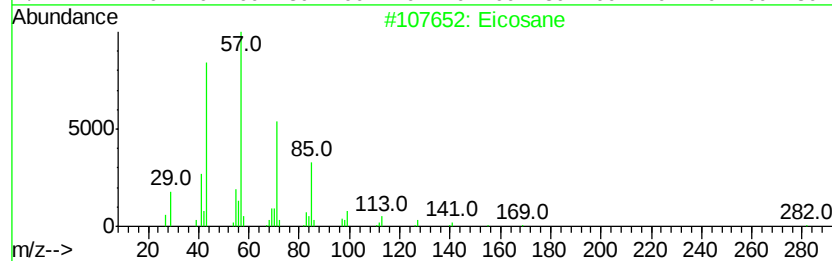
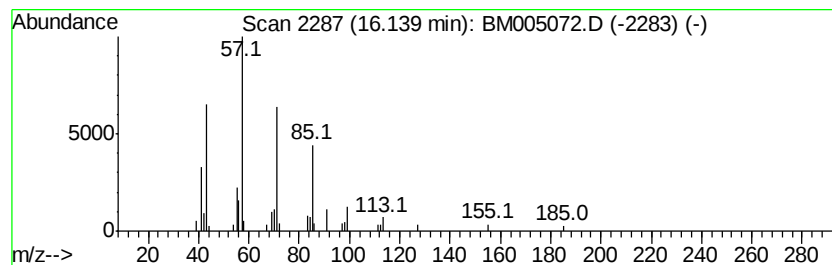
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Branched16.14 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.14	2.58 ng/ul	107841	Phenanthrene-d10	17.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Hexadecane	226	C16H34	000544-76-3	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Heptadecane	240	C17H36	000629-78-7	87
5		Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA M\DATA\BM042516\
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Sample : H2584-22
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7J7

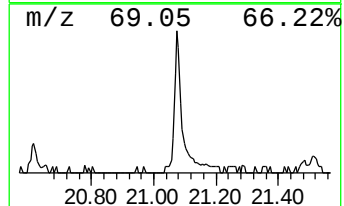
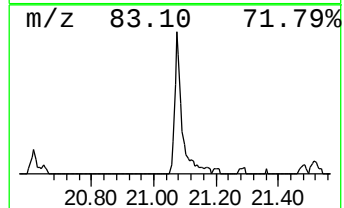
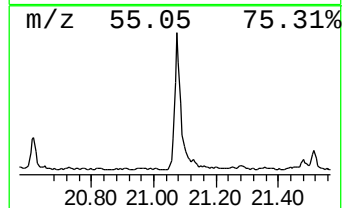
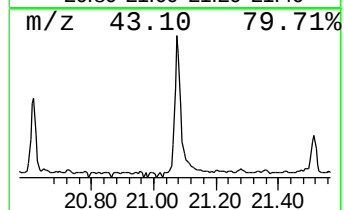
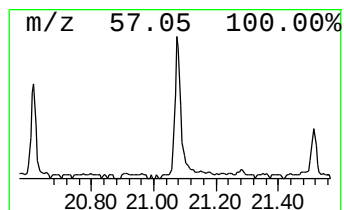
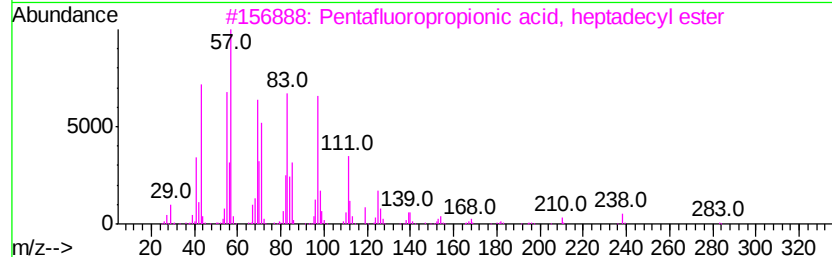
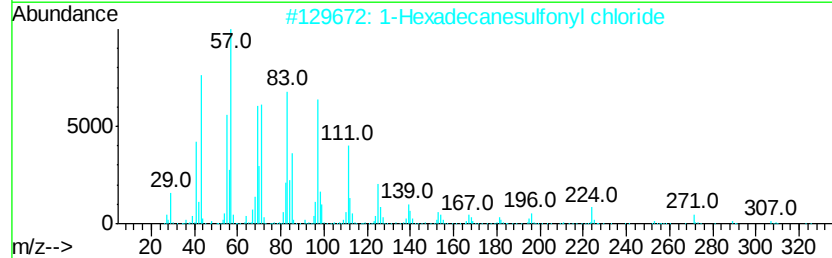
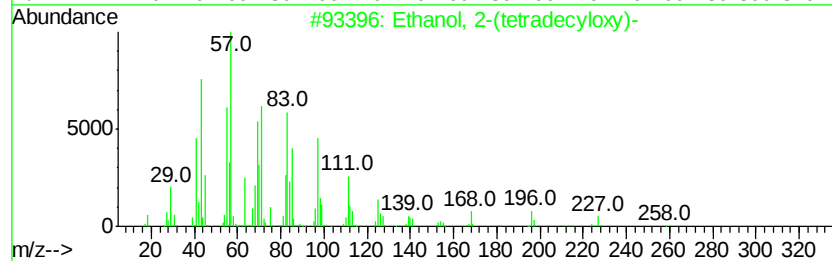
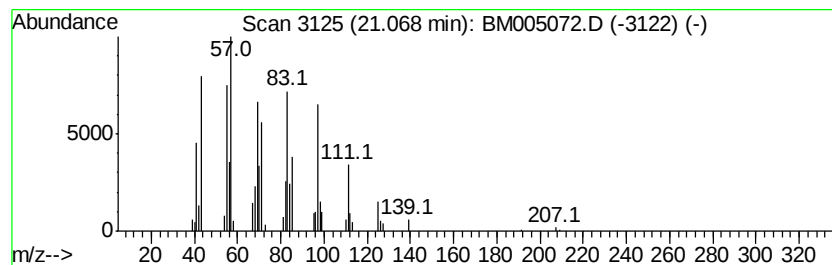
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Ethanol, 2-(tetradecyloxy)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	2.44 ng/ul	162834	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
2		1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
3		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87
4		Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	87
5		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	81



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042516\
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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BC7J7

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.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
2-Propanone, 1-ch...	3.09	9.5	ng/ul	208722	1	7.80	438634	20.0
3-Penten-2-one, 4...	4.34	4.1	ng/ul	89143	1	7.80	438634	20.0
2-Pentanone, 4-hy...	4.93	2.4	ng/ul	53609	1	7.80	438634	20.0
Ethanol, 2-(2-eth...	7.39	5.4	ng/ul	117480	1	7.80	438634	20.0
unknown-01	12.11	5.2	ng/ul	110773	2	10.59	428451	20.0
(DEL) Alkane: Str...	15.29	2.1	ng/ul	66880	3	14.44	644884	20.0
(DEL) Alkane: Bra...	16.14	2.6	ng/ul	107841	4	17.19	836883	20.0
Ethanol, 2-(tetra...	21.07	2.4	ng/ul	162834	5	21.37	1335390	20.0