

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
 Data File : BM005341.D
 Acq On : 08 May 2016 11:32
 Operator : UM/SJ
 Sample : H2772-13
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD3B2

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-BM050516.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	2.734	4	8	16	rVB	53774	73937	2.73%	0.248%
2	3.010	51	55	71	rVB	75126	114450	4.23%	0.384%
3	6.940	717	723	736	rBV	323540	533585	19.73%	1.790%
4	7.104	745	751	764	rVB	266505	407623	15.07%	1.368%
5	7.304	778	785	795	rBV	329581	535662	19.81%	1.797%
6	7.769	857	864	874	rVB	334918	537674	19.88%	1.804%
7	8.475	978	984	996	rBV	374454	614316	22.72%	2.061%
8	8.922	1054	1060	1072	rBV	316873	543032	20.08%	1.822%
9	9.645	1176	1183	1192	rBV	284181	469543	17.36%	1.575%
10	10.181	1268	1274	1286	rBV	442424	755882	27.95%	2.536%
11	10.557	1331	1338	1350	rBV	524137	889938	32.91%	2.986%
12	10.692	1355	1361	1381	rBV	311124	586540	21.69%	1.968%
13	13.816	1885	1892	1897	rBV	873612	1277360	47.24%	4.285%
14	13.863	1897	1900	1907	rVB	216637	294826	10.90%	0.989%
15	14.104	1934	1941	1952	rBV	973714	1499438	55.45%	5.030%
16	14.304	1969	1975	1980	rBV	39724	51586	1.91%	0.173%
17	14.410	1980	1993	2001	rBV2	854606	1309723	48.44%	4.394%
18	14.621	2024	2029	2046	rBV	300141	522164	19.31%	1.752%
19	15.257	2132	2137	2141	rVB	57899	68724	2.54%	0.231%
20	15.404	2156	2162	2172	rVB	1294461	1939573	71.73%	6.507%
21	15.533	2178	2184	2196	rVB	422162	603082	22.30%	2.023%
22	15.645	2198	2203	2210	rBV2	25005	49933	1.85%	0.168%
23	16.115	2279	2283	2293	rBV	59344	105747	3.91%	0.355%
24	16.910	2411	2418	2421	rBV	31981	37764	1.40%	0.127%
25	17.157	2455	2460	2466	rBV2	1109767	1636402	60.52%	5.490%
26	17.257	2471	2477	2487	rVB2	1443737	2116788	78.28%	7.102%
27	17.933	2586	2592	2597	rBV2	18692	30425	1.13%	0.102%
28	17.992	2597	2602	2606	rBV	21552	31452	1.16%	0.106%
29	18.051	2607	2612	2622	rBV	178548	266275	9.85%	0.893%
30	19.186	2801	2805	2807	rBV	22455	29790	1.10%	0.100%
31	19.221	2807	2811	2820	rVB	63531	107796	3.99%	0.362%
32	19.333	2826	2830	2844	rVB	34338	54207	2.00%	0.182%
33	19.556	2861	2868	2877	rBV	1855582	2704038	100.00%	9.072%
34	20.086	2946	2958	2963	rBV4	16080	38693	1.43%	0.130%

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35	21.050	3117	3122	3134	rBV3	137260	232390	8.59%	0.780%
36	21.350	3167	3173	3178	rBV	1552514	2094718	77.47%	7.028%
37	21.927	3267	3271	3273	rBV2	33684	39746	1.47%	0.133%
38	21.950	3273	3275	3284	rVB10	24594	46651	1.73%	0.157%
39	22.392	3346	3350	3354	rBV	36730	49920	1.85%	0.167%
40	22.527	3369	3373	3379	rVB	39353	55067	2.04%	0.185%
41	22.627	3385	3390	3398	rBV	171179	218097	8.07%	0.732%
42	22.903	3432	3437	3441	rBV	139895	205975	7.62%	0.691%
43	22.956	3441	3446	3458	rVB2	607738	1092632	40.41%	3.666%
44	23.480	3527	3535	3550	rVB2	1168543	2345903	86.76%	7.870%
45	23.621	3551	3559	3577	rVB2	888851	1759362	65.06%	5.902%
46	23.791	3586	3588	3594	rVB4	23865	33091	1.22%	0.111%
47	24.127	3638	3645	3654	rVB	203986	400983	14.83%	1.345%
48	24.221	3656	3661	3672	rVV4	31828	73624	2.72%	0.247%
49	24.874	3767	3772	3787	rVB	57685	136765	5.06%	0.459%
50	25.756	3915	3922	3930	rBV	78142	184295	6.82%	0.618%

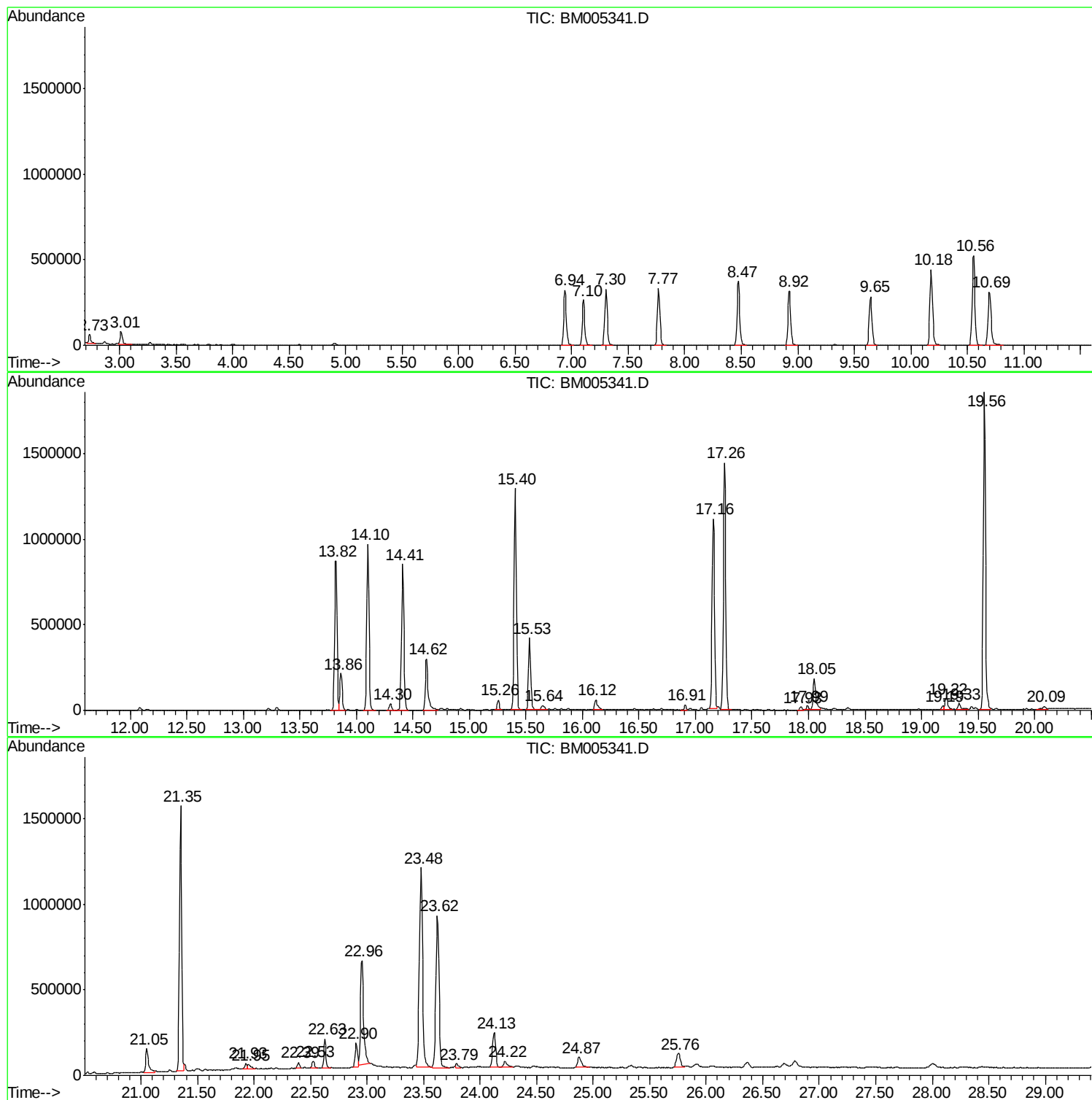
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION

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



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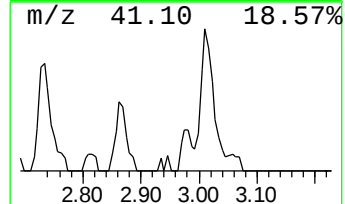
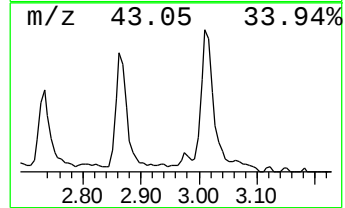
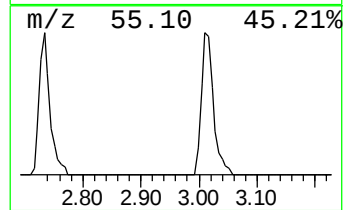
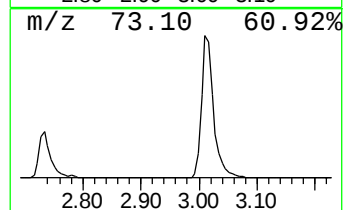
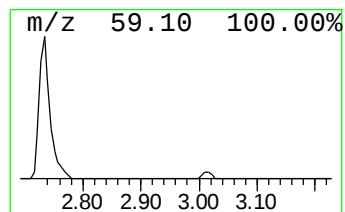
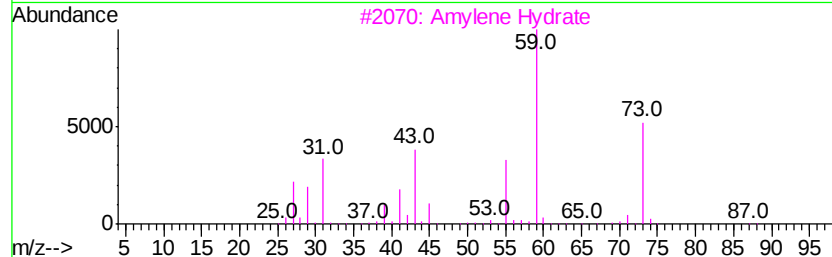
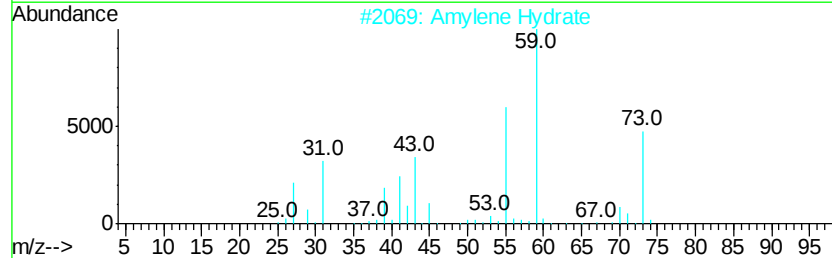
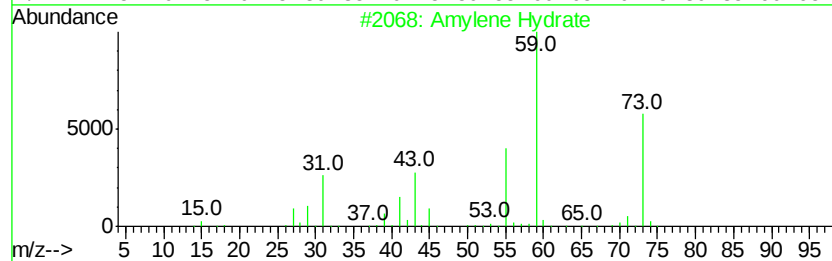
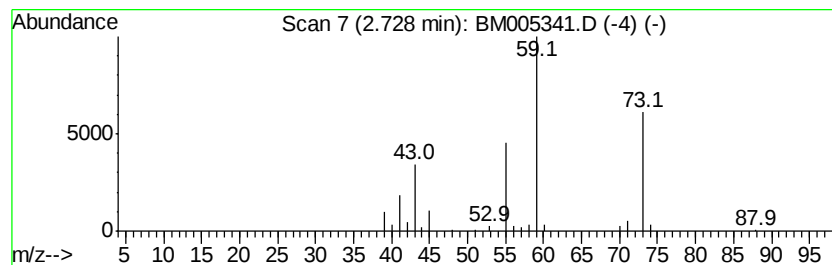
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Amylene Hydrate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	2.75 ng/ul	73937	1,4-Dichlorobenzene-d4	7.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Amylene Hvdrate	88	C5H12O	000075-85-4	83
2		Amylene Hvdrate	88	C5H12O	000075-85-4	78
3		Amylene Hvdrate	88	C5H12O	000075-85-4	74
4		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40
5		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	40



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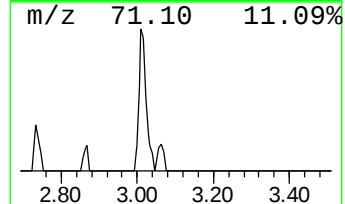
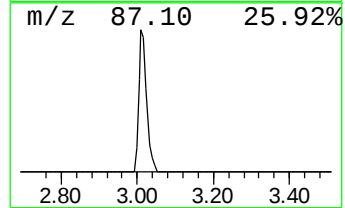
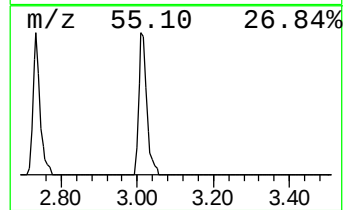
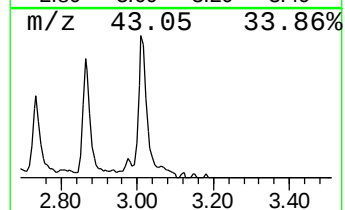
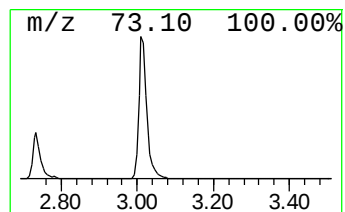
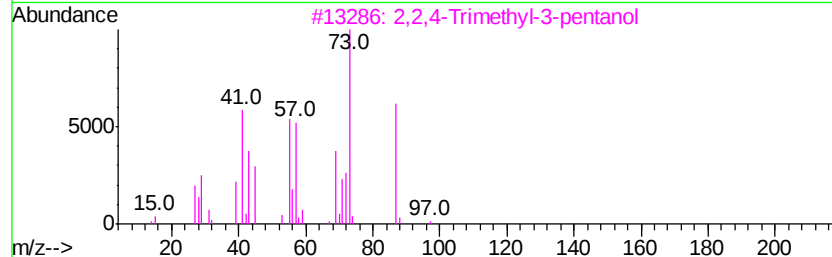
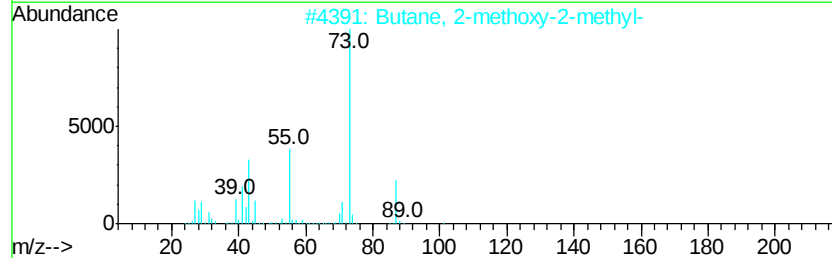
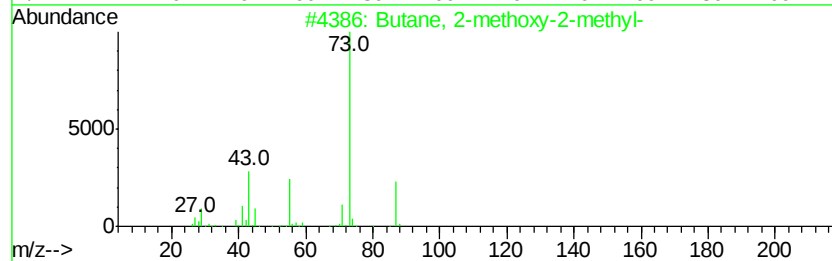
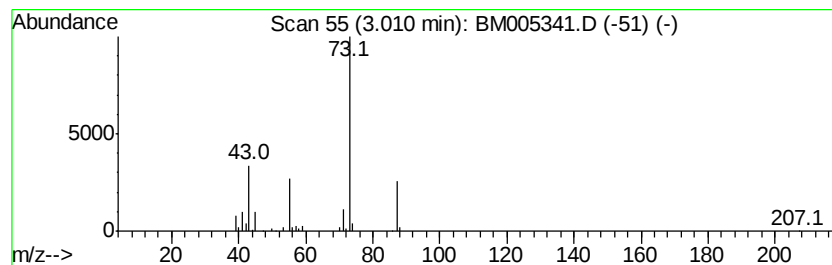
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.01	4.26 ng/ul	114450	1,4-Dichlorobenzene-d4	7.77

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			Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
5			Silane, tetramethyl-	88	C4H12Si	000075-76-3	23



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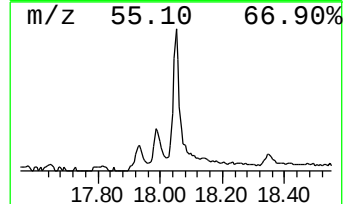
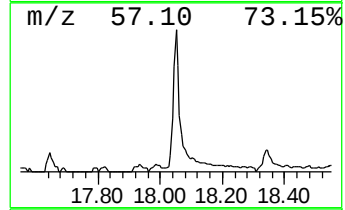
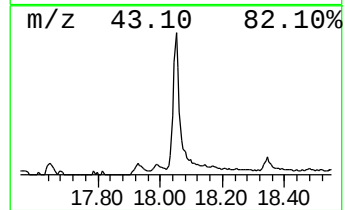
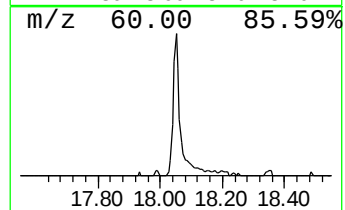
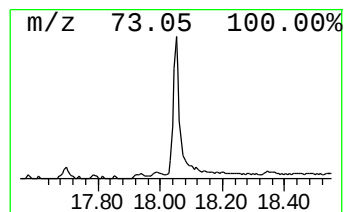
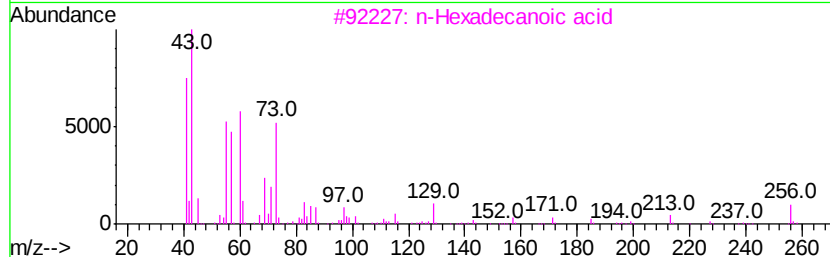
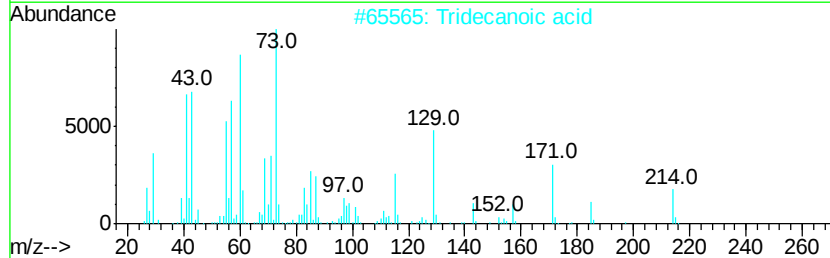
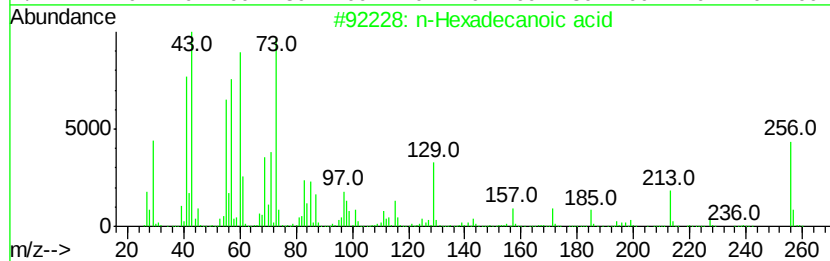
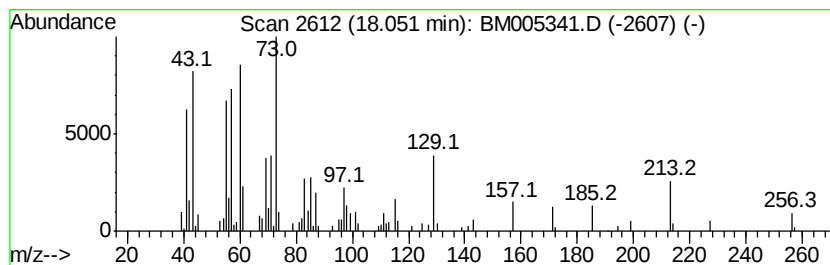
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.05	3.25 ng/ul	266275	Phenanthrene-d10	17.16	
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	95
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91



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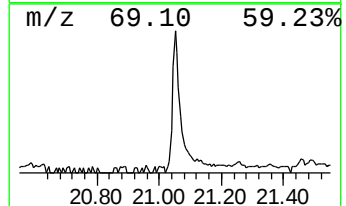
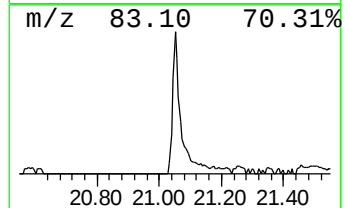
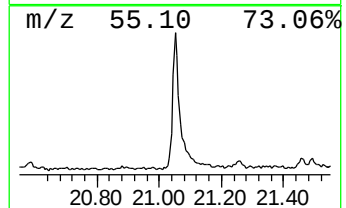
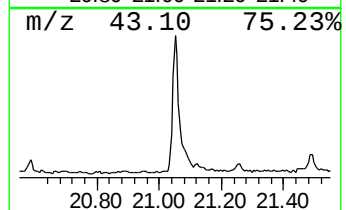
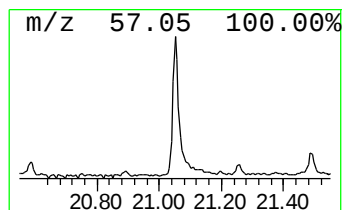
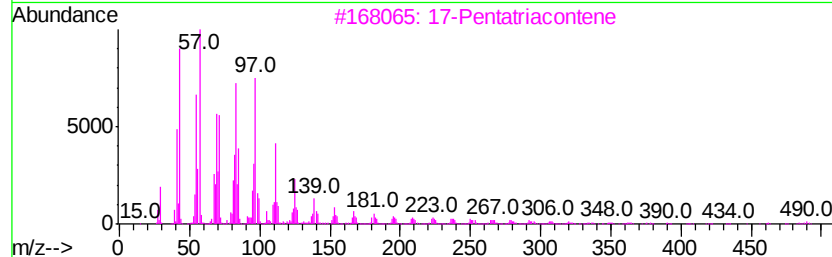
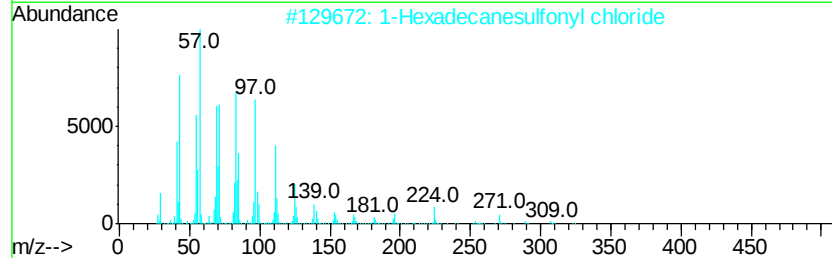
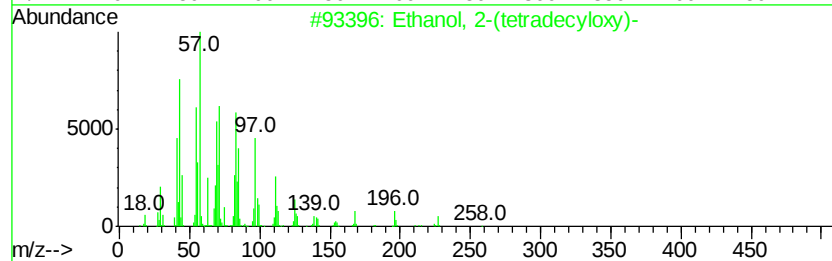
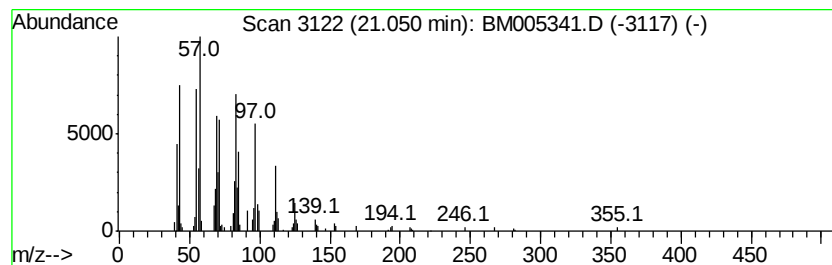
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Peak Number 4 Ethanol, 2-(tetradecyloxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.05	2.22 ng/ul	232390	Chrysene-d12	21.35

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		17-Pentatriacontene	491	C35H70	006971-40-0	91
4		Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5		Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	87



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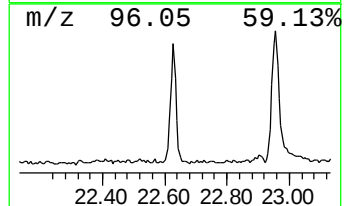
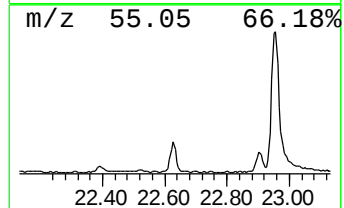
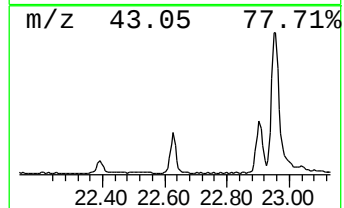
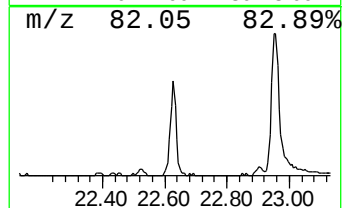
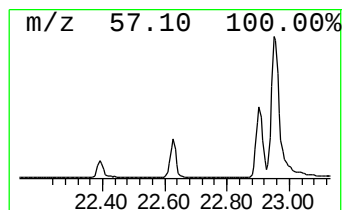
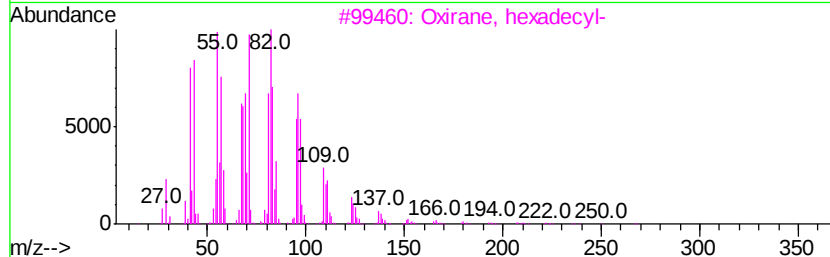
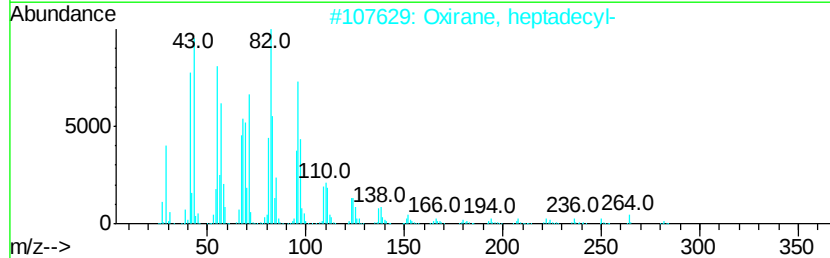
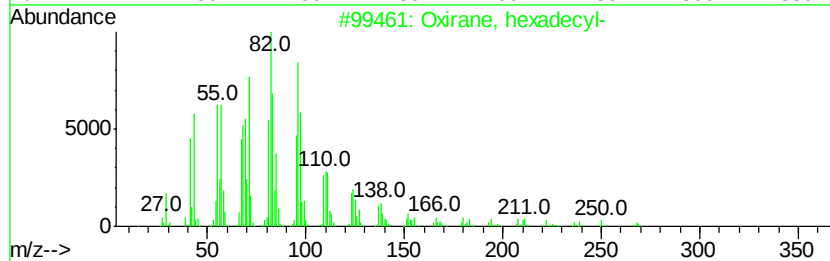
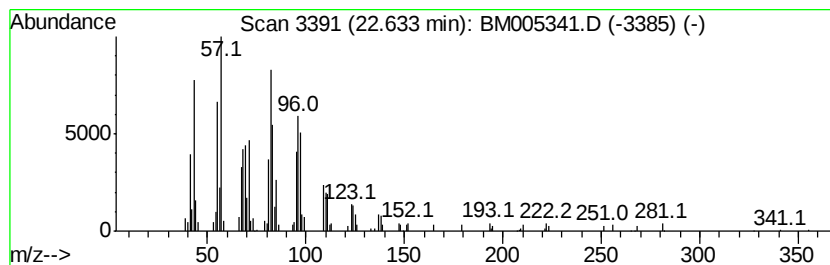
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Oxirane, hexadecyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.63	2.48 ng/ul	218097	Perylene-d12	23.62
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	94
2	Oxirane, heptadecyl-	282 C19H38O	067860-04-2	93
3	Oxirane, hexadecyl-	268 C18H36O	007390-81-0	91
4	(Z)-14-Tricosenyl formate	366 C24H46O2	077899-10-6	91
5	Octadecanal	268 C18H36O	000638-66-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005341.D
Acq On : 08 May 2016 11:32
Operator : UM/SJ
Sample : H2772-13
Misc :
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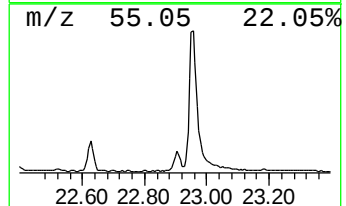
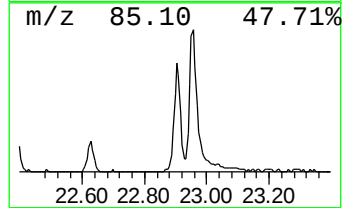
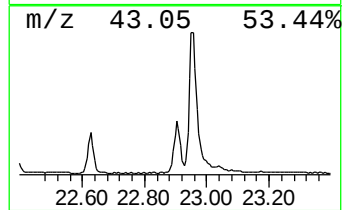
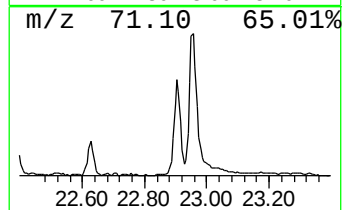
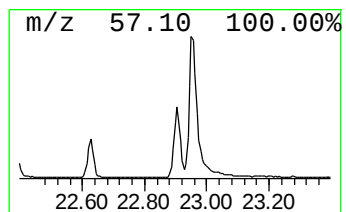
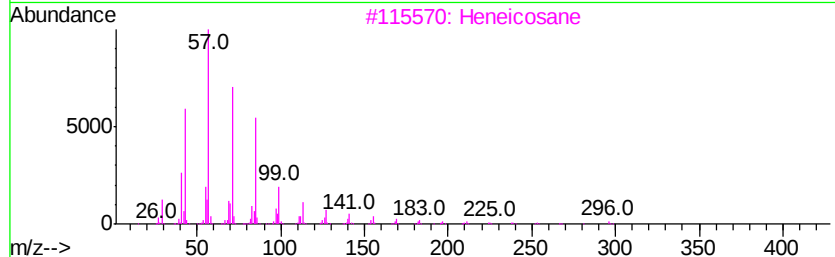
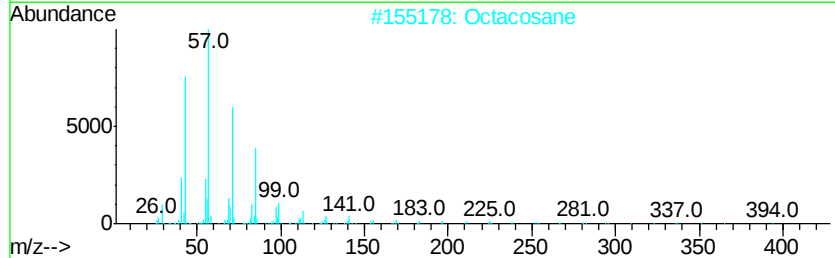
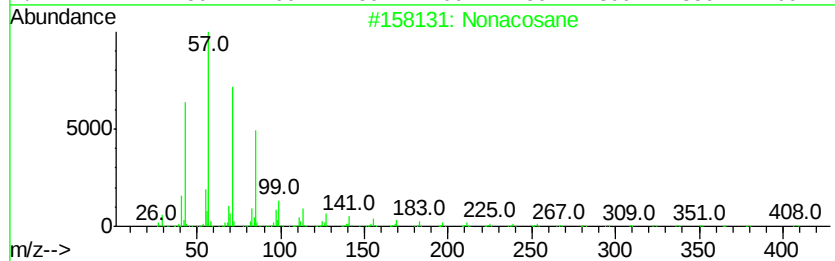
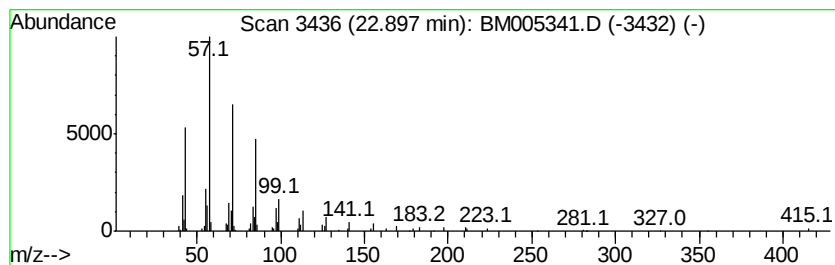
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.90	2.34 ng/ul	205975	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Octacosane	394	C28H58	000630-02-4	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	91
5		Heneicosane, 11-(1-ethylpropyl)-	366	C26H54	055282-11-6	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005341.D
Acq On : 08 May 2016 11:32
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Sample : H2772-13
Misc :
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Instrument :
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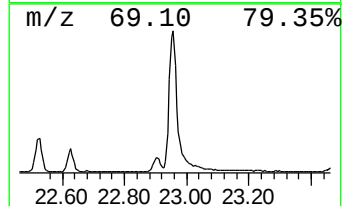
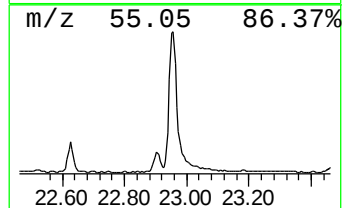
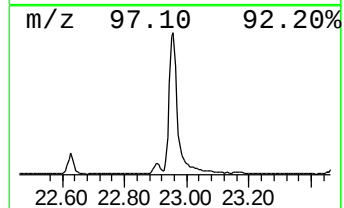
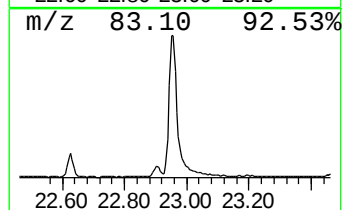
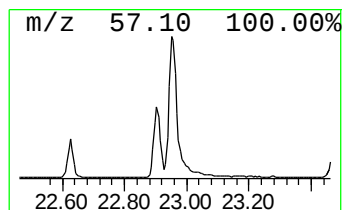
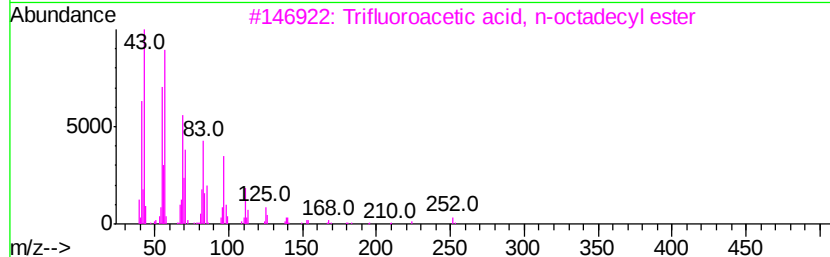
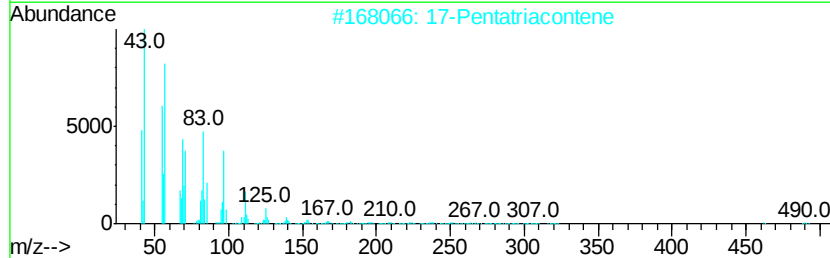
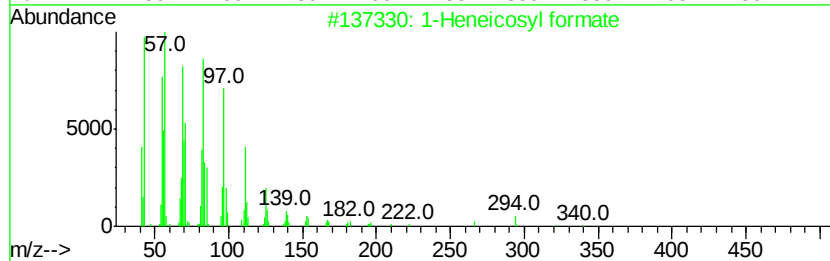
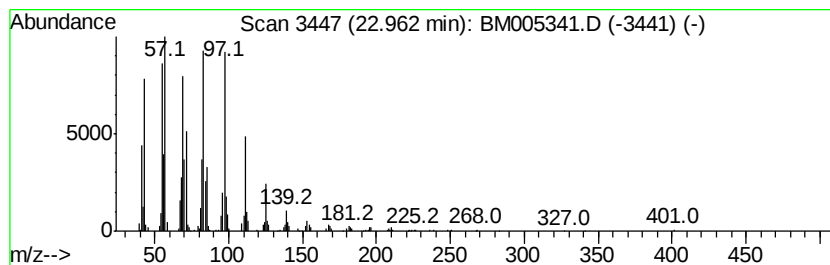
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1-Heneicosyl formate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.96	12.42 ng/ul	1092630	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	93
2		17-Pentatriacontene	491	C35H70	006971-40-0	91
3		Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	90
4		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	87
5		2-Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005341.D
Acq On : 08 May 2016 11:32
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Sample : H2772-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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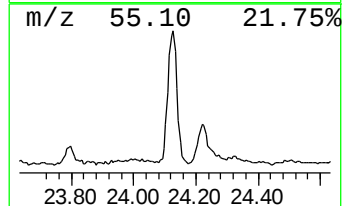
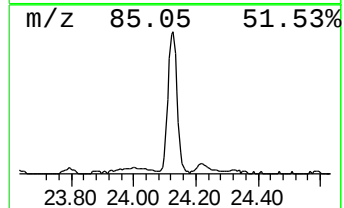
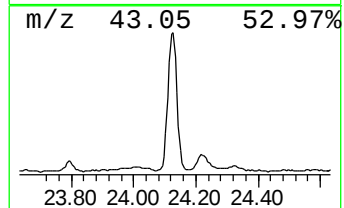
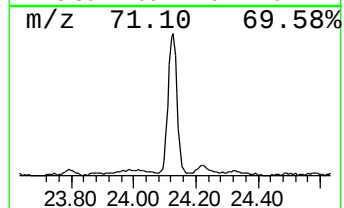
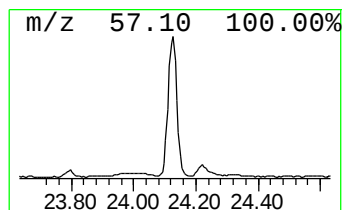
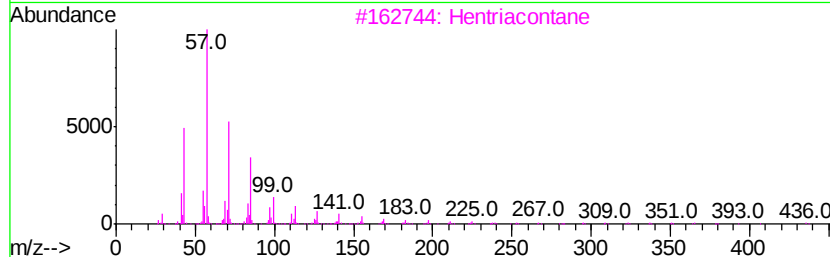
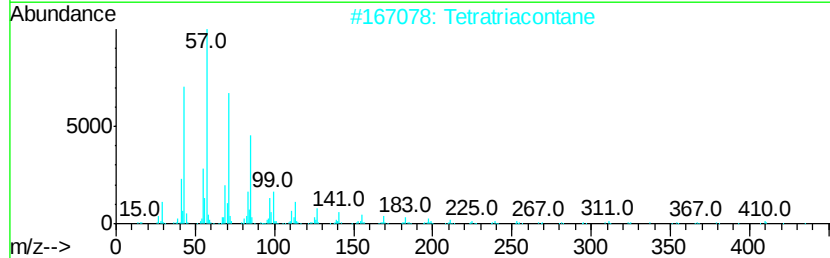
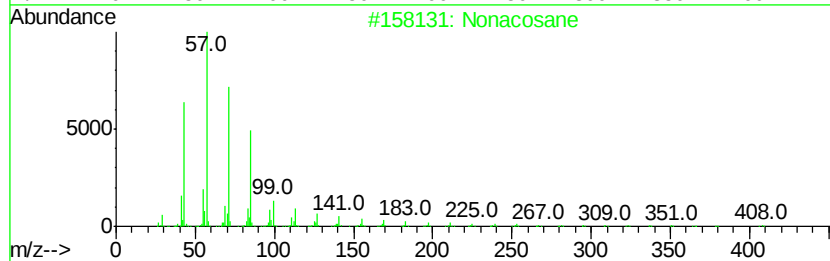
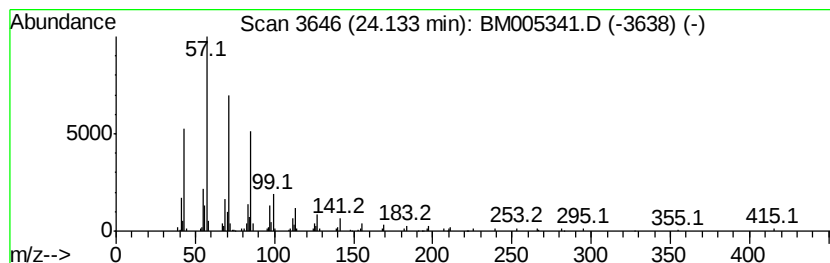
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.13	4.56 ng/ul	400983	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonacosane	408	C29H60	000630-03-5	91
2		Tetratriacontane	479	C34H70	014167-59-0	91
3		Hentriacontane	437	C31H64	000630-04-6	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane, 11-decyl-	437	C31H64	055320-06-4	91



Data Path : Z:\HPCHEM1\BNA M\DATA\BM050716\
Data File : BM005341.D
Acq On : 08 May 2016 11:32
Operator : UM/SJ
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Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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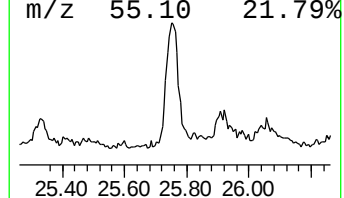
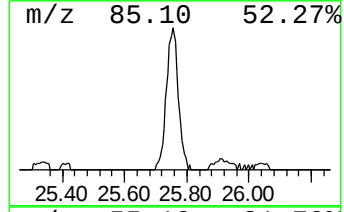
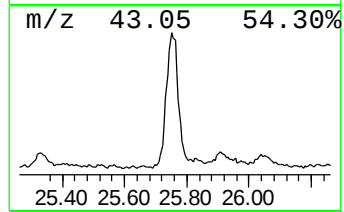
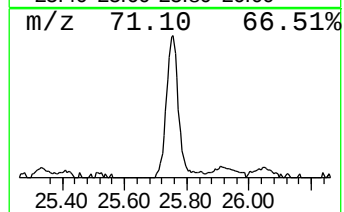
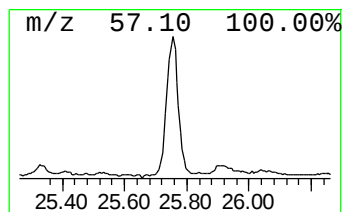
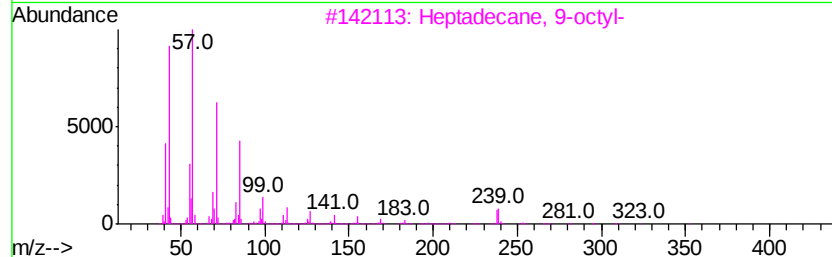
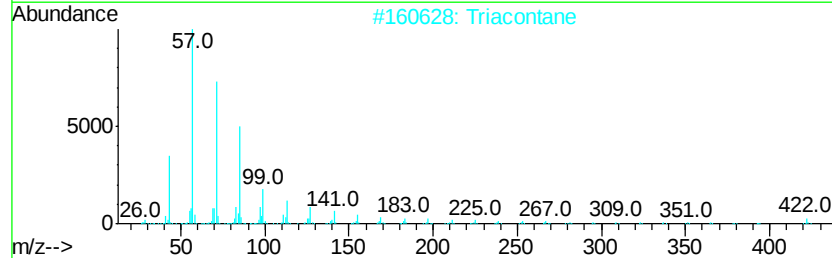
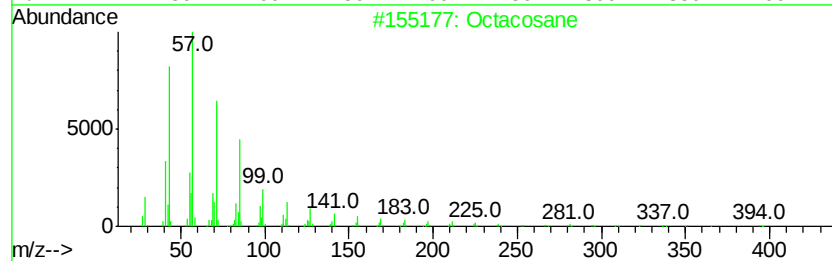
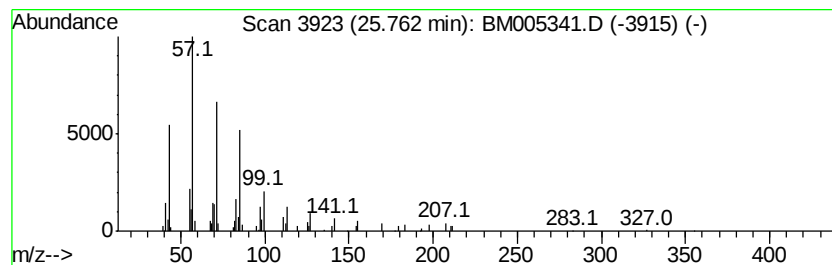
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.76	2.10 ng/ul	184295	Perylene-d12	23.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Triacontane	422	C30H62	000638-68-6	91
3		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
4		Tetracosane	338	C24H50	000646-31-1	91
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM050716\
Data File : BM005341.D
Acq On : 08 May 2016 11:32
Operator : UM/SJ
Sample : H2772-13
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.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
Amylene Hydrate	2.73	2.8	ng/ul	73937	1	7.77	537674	20.0
Butane, 2-methoxy...	3.01	4.3	ng/ul	114450	1	7.77	537674	20.0
n-Hexadecanoic acid	18.05	3.3	ng/ul	266275	4	17.16	1636400	20.0
Ethanol, 2-(tetra...	21.05	2.2	ng/ul	232390	5	21.35	2094720	20.0
Oxirane, hexadecyl-	22.63	2.5	ng/ul	218097	6	23.62	1759360	20.0
(DEL) Alkane: Str...	22.90	2.3	ng/ul	205975	6	23.62	1759360	20.0
1-Heneicosyl formate	22.96	12.4	ng/ul	1092630	6	23.62	1759360	20.0
(DEL) Alkane: Str...	24.13	4.6	ng/ul	400983	6	23.62	1759360	20.0
(DEL) Alkane: Str...	25.76	2.1	ng/ul	184295	6	23.62	1759360	20.0