

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004551.D
 Acq On : 04 Mar 2016 02:49
 Operator : SJ/UM
 Sample : H1616-12
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS001-01

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-BM030316.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	2.793	14	18	25	rVB	16899	21900	1.58%	0.204%
2	6.845	701	707	717	rBV	77322	141835	10.22%	1.322%
3	6.934	717	722	732	rVB	76825	117363	8.45%	1.094%
4	7.022	732	737	742	rBB	10777	15455	1.11%	0.144%
5	7.151	754	759	766	rBV	105512	167138	12.04%	1.558%
6	7.593	828	834	841	rBB	142310	218575	15.75%	2.037%
7	8.363	959	965	973	rBV	117310	204679	14.74%	1.908%
8	8.757	1026	1032	1038	rBV	94008	152860	11.01%	1.425%
9	9.475	1148	1154	1162	rBB	86418	137204	9.88%	1.279%
10	10.069	1249	1255	1272	rBB	115956	224891	16.20%	2.096%
11	10.381	1298	1308	1313	rBV	205612	353425	25.46%	3.294%
12	10.428	1313	1316	1322	rVB	25402	36317	2.62%	0.338%
13	10.533	1329	1334	1348	rBV	37221	73094	5.27%	0.681%
14	11.645	1517	1523	1529	rBV	24760	35924	2.59%	0.335%
15	11.804	1543	1550	1554	rBV	10527	19301	1.39%	0.180%
16	12.051	1584	1592	1598	rVB	16451	28329	2.04%	0.264%
17	12.275	1623	1630	1637	rBV3	9733	21991	1.58%	0.205%
18	13.016	1751	1756	1761	rBV	67665	104506	7.53%	0.974%
19	13.069	1761	1765	1771	rVB2	22422	33545	2.42%	0.313%
20	13.157	1776	1780	1786	rVV5	9941	20364	1.47%	0.190%
21	13.251	1791	1796	1798	rBV2	10759	17465	1.26%	0.163%
22	13.410	1820	1823	1825	rBV3	14048	17948	1.29%	0.167%
23	13.498	1835	1838	1844	rBV7	10756	21909	1.58%	0.204%
24	13.563	1845	1849	1856	rVV3	20040	43618	3.14%	0.407%
25	13.674	1862	1868	1872	rBV	256092	381329	27.47%	3.554%
26	13.716	1872	1875	1882	rVB	115038	172540	12.43%	1.608%
27	13.892	1901	1905	1909	rBV2	30039	40505	2.92%	0.378%
28	13.951	1909	1915	1919	rBV	310516	494578	35.63%	4.609%
29	14.039	1926	1930	1933	rBV	48499	75848	5.46%	0.707%
30	14.151	1945	1949	1953	rBV	58343	78813	5.68%	0.735%
31	14.257	1962	1967	1974	rVB2	293062	478703	34.49%	4.462%
32	15.110	2109	2112	2122	rBV3	51324	100069	7.21%	0.933%
33	15.263	2133	2138	2142	rBV	336913	483415	34.82%	4.505%
34	15.421	2161	2165	2169	rBV2	78654	124100	8.94%	1.157%

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35	15.980	2256	2260	2261	rBV	78490	100532	7.24%	0.937%
36	17.015	2432	2436	2441	rVB2	290271	393037	28.31%	3.663%
37	17.115	2449	2453	2457	rBV2	299256	414072	29.83%	3.859%
38	17.162	2457	2461	2466	rVB	276860	383657	27.64%	3.576%
39	18.604	2702	2706	2711	rBV	279062	355210	25.59%	3.311%
40	19.433	2843	2847	2850	rBV	318510	455672	32.83%	4.247%
41	19.868	2915	2921	2928	rVB	691842	1106525	79.71%	10.313%
42	20.121	2960	2964	2967	rVB	505436	619740	44.65%	5.776%
43	23.286	3498	3502	3507	rBV2	478624	853502	61.49%	7.955%
44	26.815	4097	4102	4114	rVB	468079	1388143	100.00%	12.937%

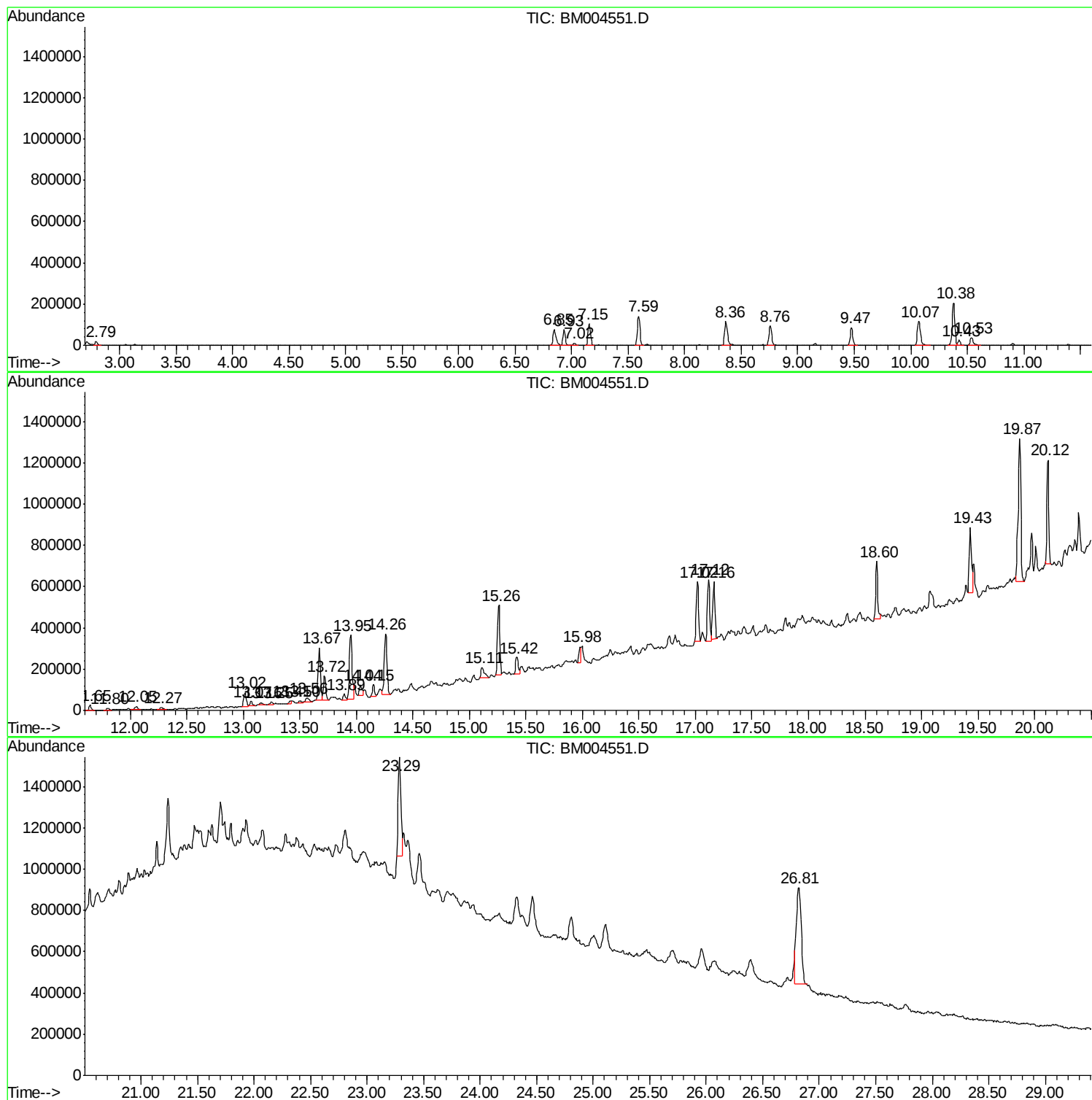
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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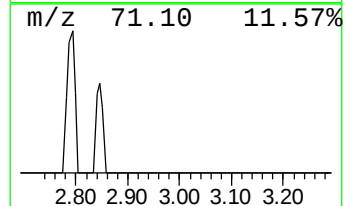
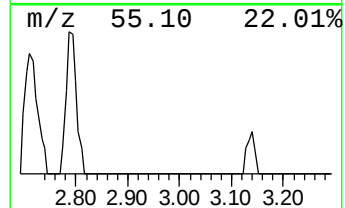
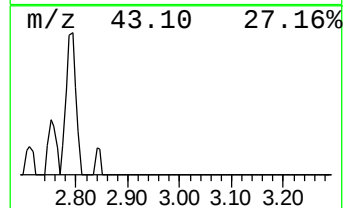
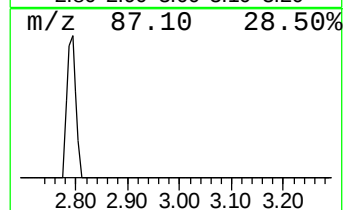
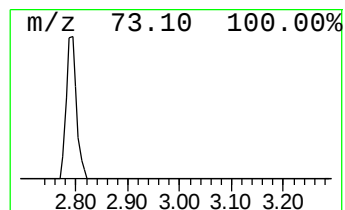
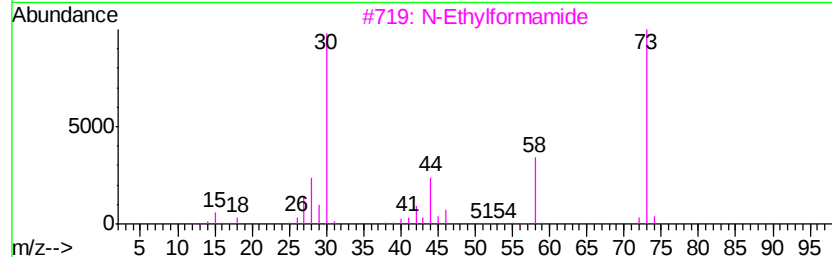
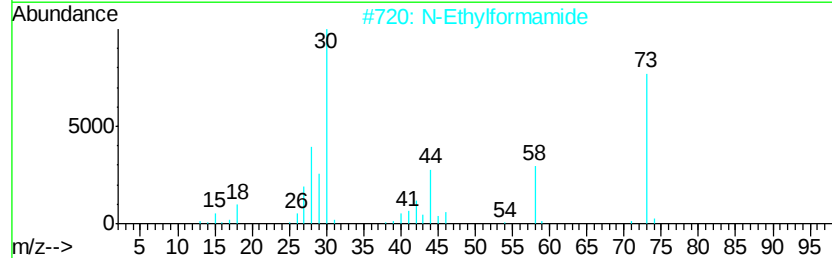
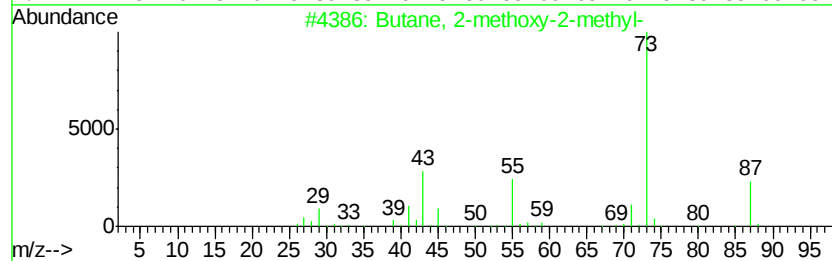
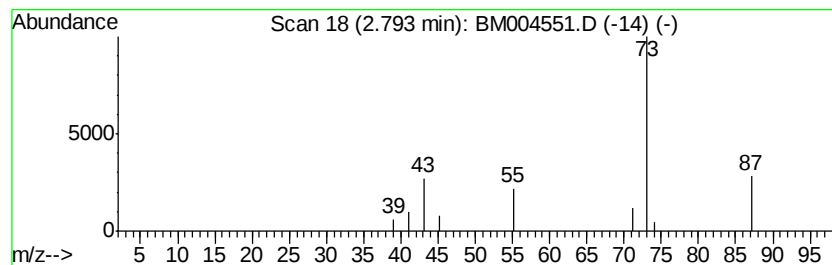
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.79	2.00 ng/ul	21900	1,4-Dichlorobenzene-d4	7.59

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			N-Ethylformamide	73	C3H7NO	000627-45-2	5
3			N-Ethylformamide	73	C3H7NO	000627-45-2	4
4			1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	4
5			Isobutylamine	73	C4H11N	000078-81-9	4



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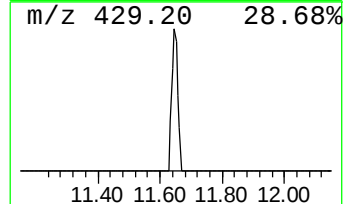
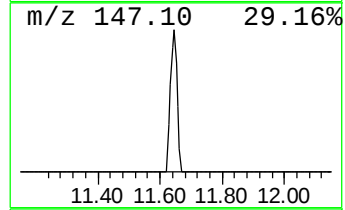
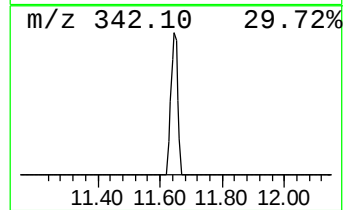
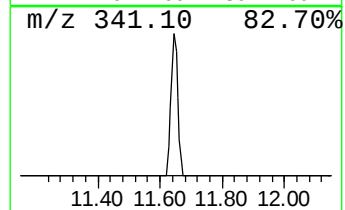
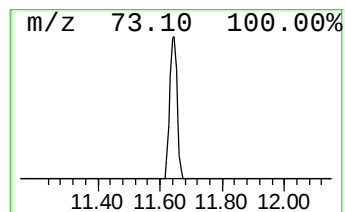
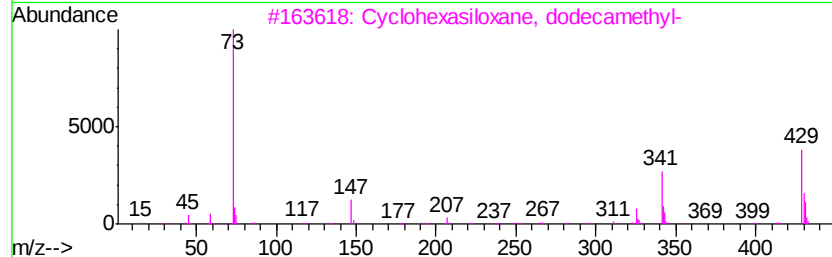
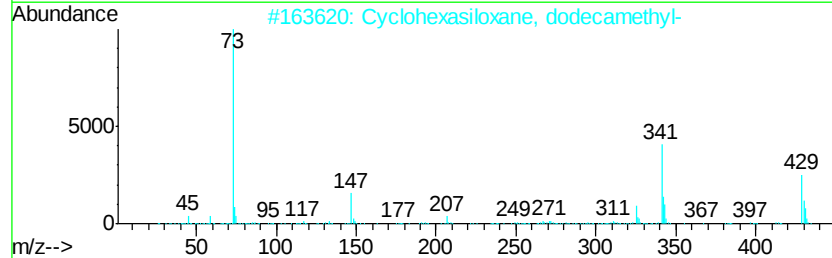
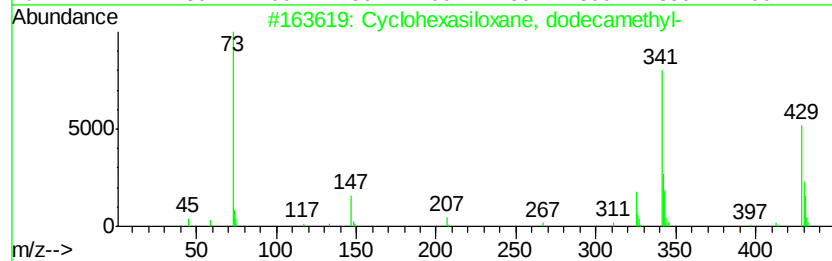
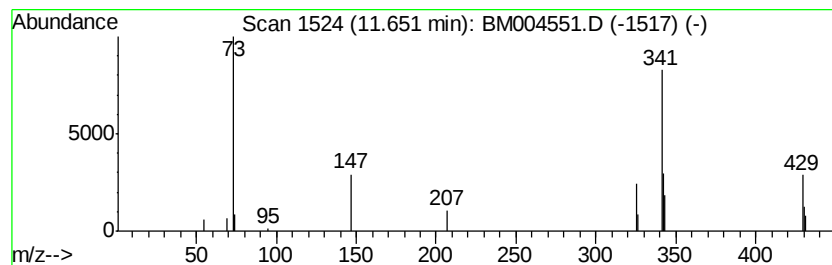
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Peak Number 2 Cyclohexasiloxane, dodecane... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	2.03 ng/ul	35924	Naphthalene-d8	10.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
2		Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
3		Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	90
4		Acetic acid, [bis[(trimethylsilyl...	356	C11H29O5PSi3	053044-27-2	40
5		Morphinan, 7,8-didehydro-4,5-epo...	429	C23H35N03Si2	055449-66-6	18



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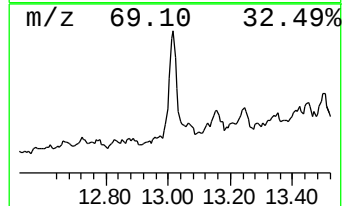
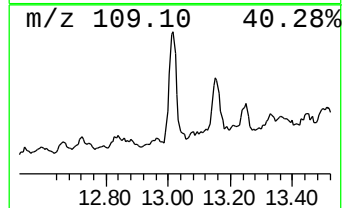
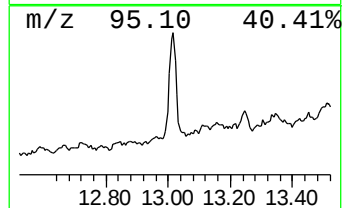
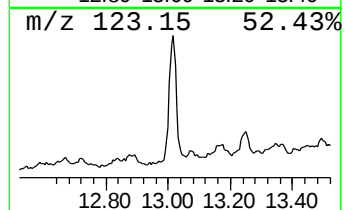
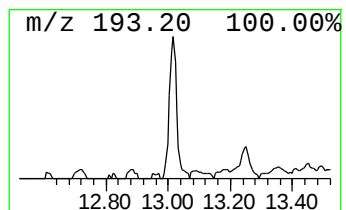
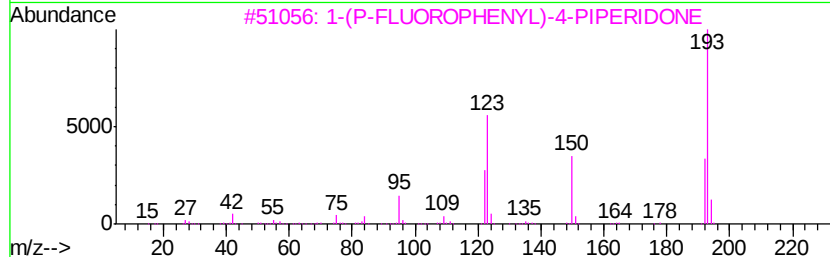
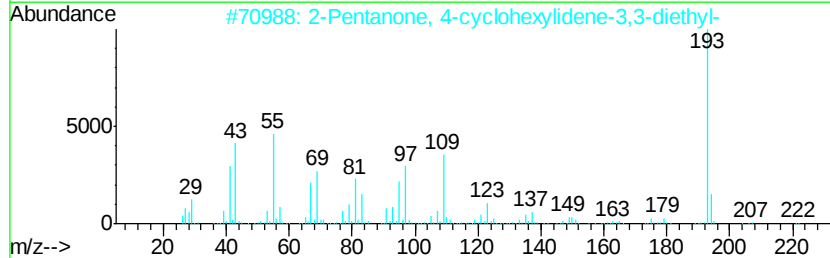
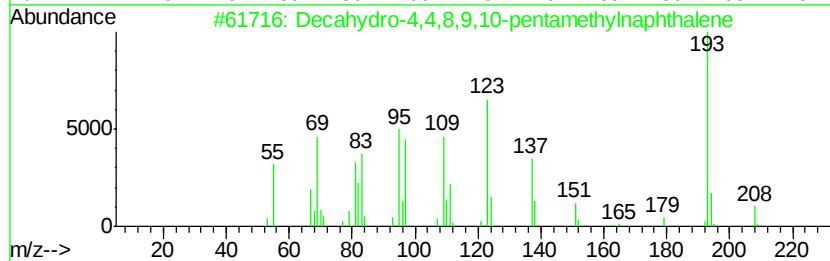
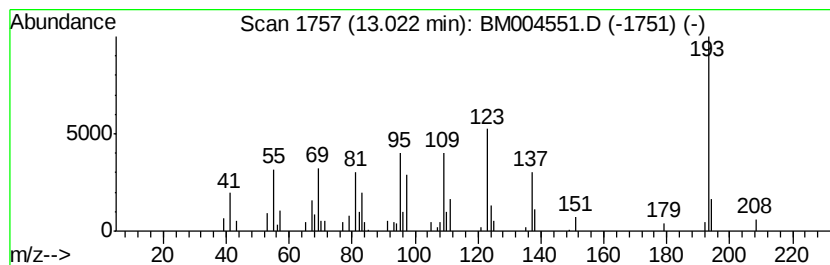
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	4.37 ng/ul	104506	Acenaphthene-d10	14.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 95
2		2-Pentanone, 4-cyclohexylidene-3...	222 C15H26O	313253-65-5 50
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FNO	1000238-56-7 43
4		6-Methylphenanthridine	193 C14H11N	003955-65-5 22
5		9-Phenanthrenamine	193 C14H11N	000947-73-9 22



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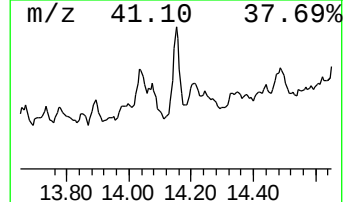
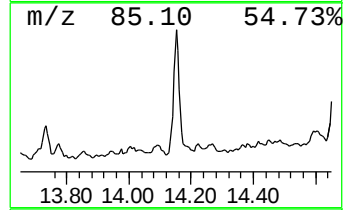
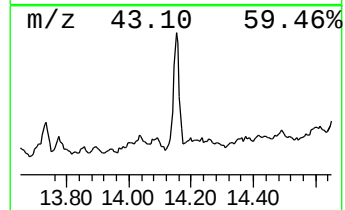
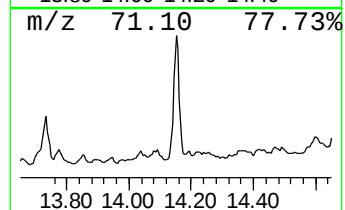
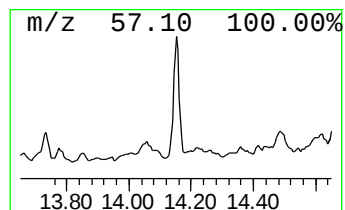
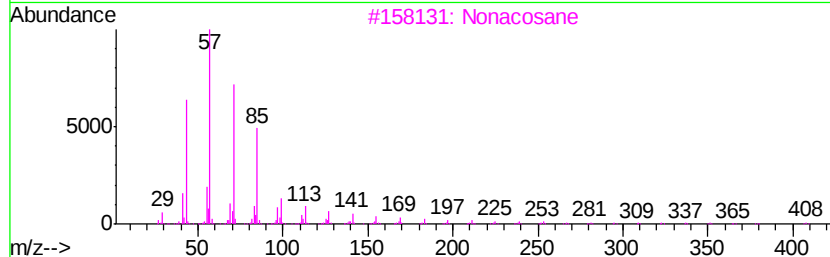
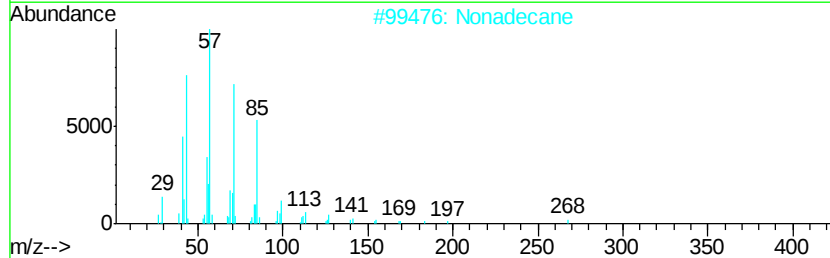
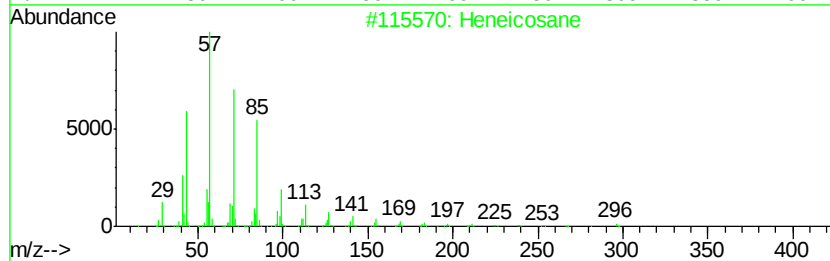
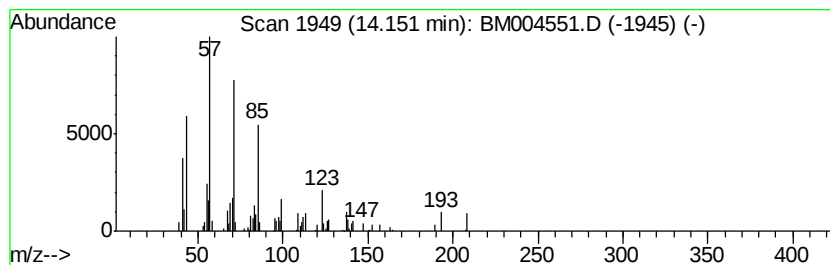
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Peak Number 5 (DEL) Alkane: Straight-Chai... Concentration Rank 8

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14.15	3.29 ng/ul	78813	Acenaphthene-d10	14.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	62
2		Nonadecane	268	C19H40	000629-92-5	62
3		Nonacosane	408	C29H60	000630-03-5	58
4		Hexadecane	226	C16H34	000544-76-3	58
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	58



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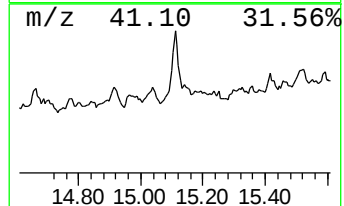
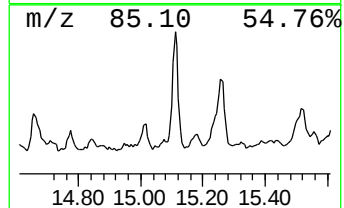
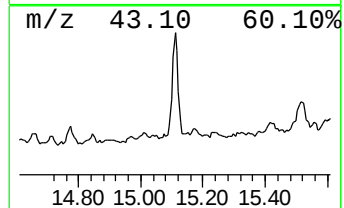
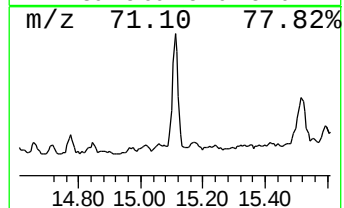
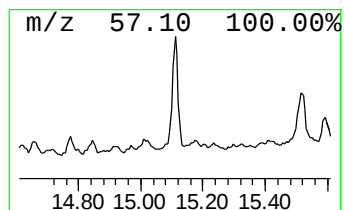
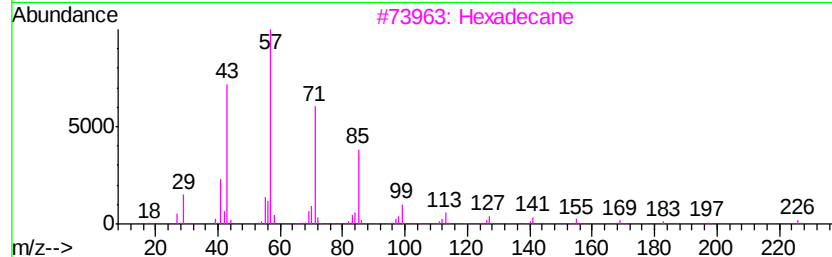
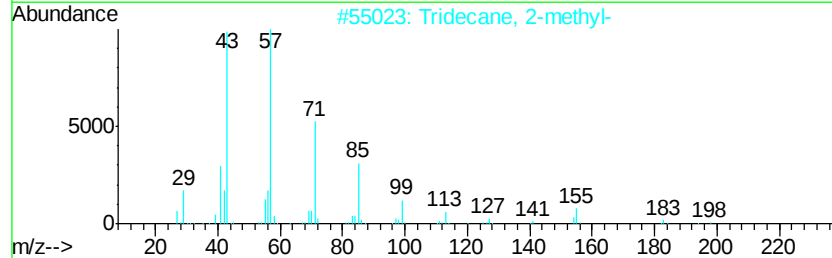
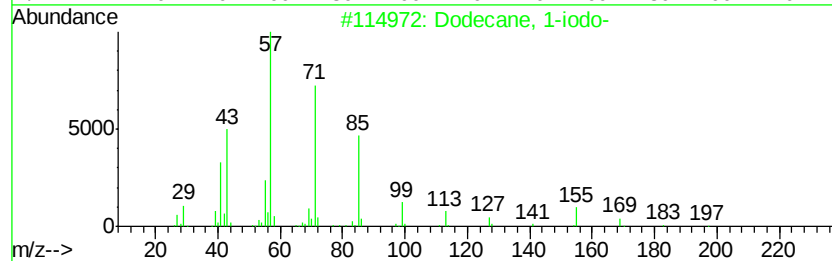
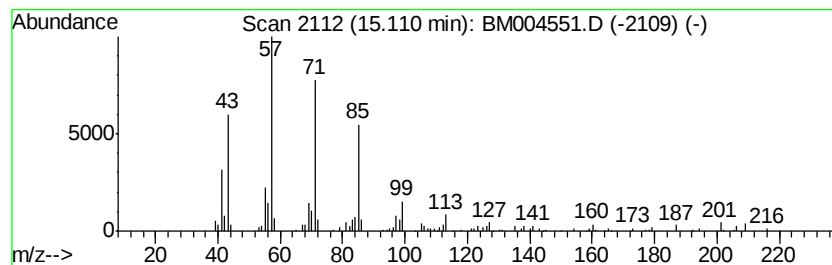
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	4.18 ng/ul	100069	Acenaphthene-d10	14.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
2			Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3			Hexadecane	226	C16H34	000544-76-3	86
4			Tetradecane	198	C14H30	000629-59-4	78
5			Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

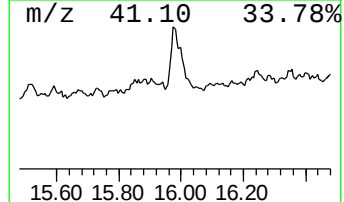
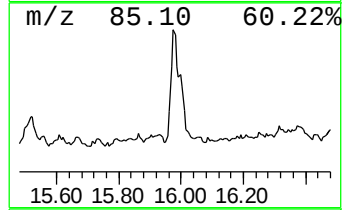
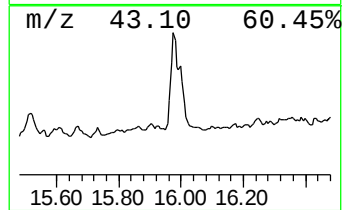
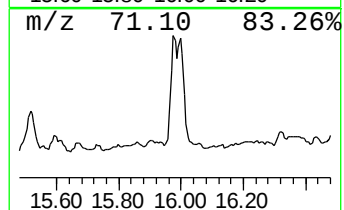
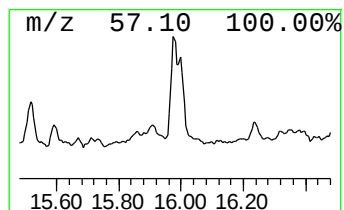
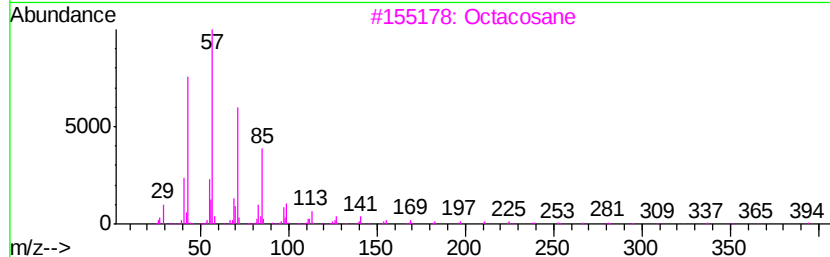
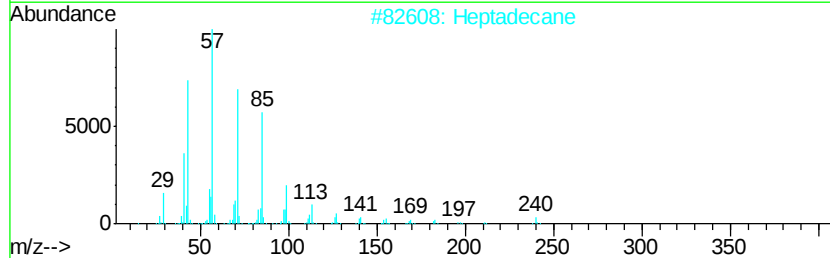
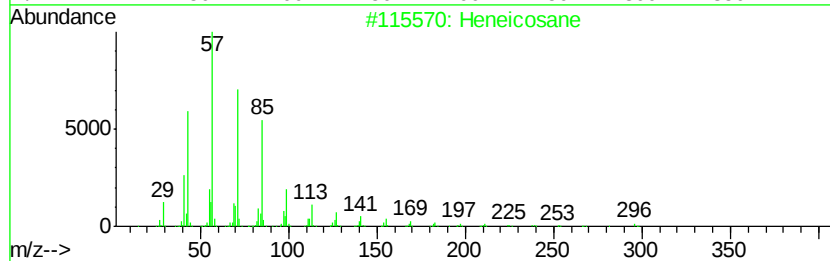
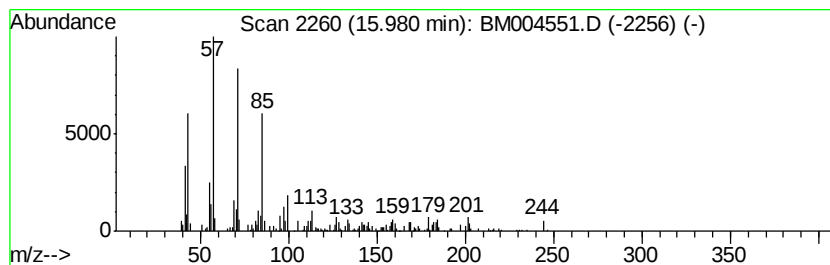
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.98	5.12 ng/ul	100532	Phenanthrene-d10	17.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Octacosane	394	C28H58	000630-02-4	87
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
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Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
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Instrument :
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ClientSampleId :
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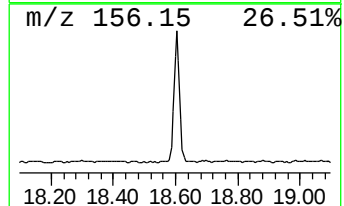
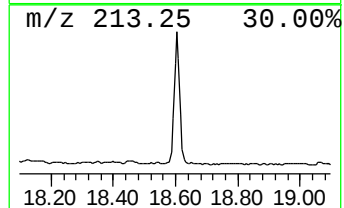
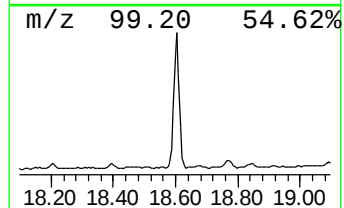
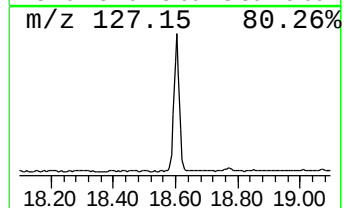
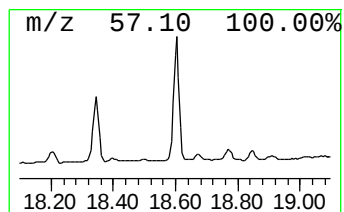
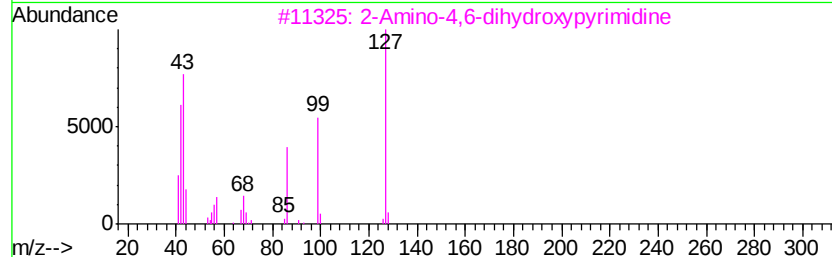
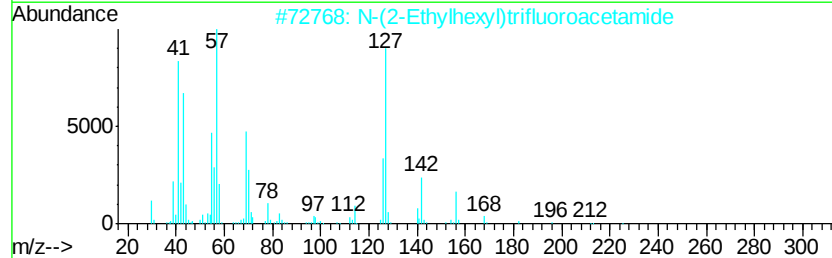
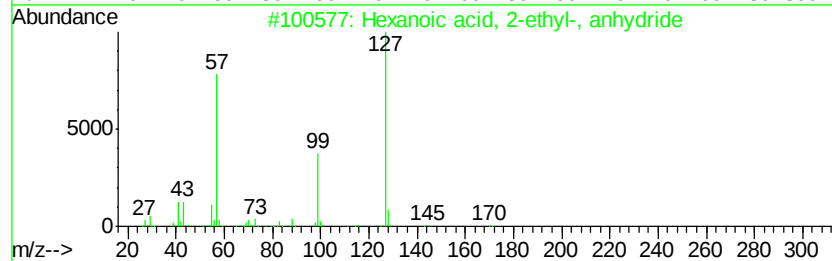
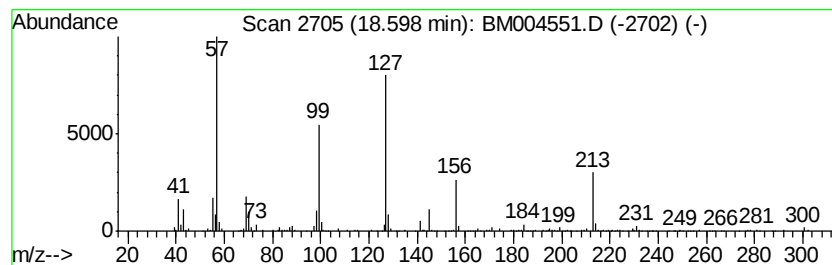
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 unknown-01 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	18.08 ng/ul	355210	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanoic acid, 2-ethyl-, anhydride	270	C16H30O3	036765-89-6	38
2		N-(2-Ethylhexyl)trifluoroacetamide	225	C10H18F3NO	1000216-72-9	38
3		2-Amino-4,6-dihydroxypyrimidine	127	C4H5N3O2	000056-09-7	37
4		Octanethioic acid, S-hexyl ester	244	C14H28OS	055590-85-7	35
5		3,5-Heptanedione, 2,2,6,6-tetram...	184	C11H20O2	001118-71-4	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

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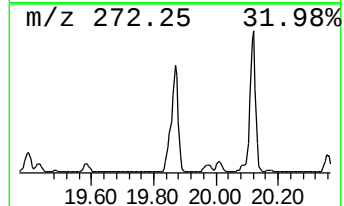
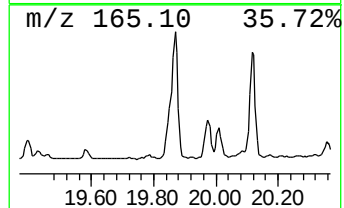
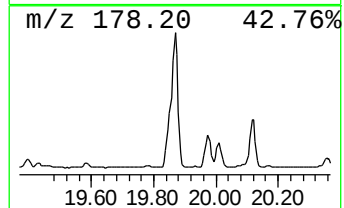
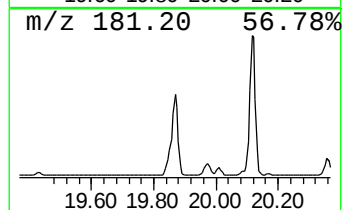
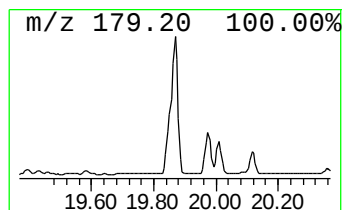
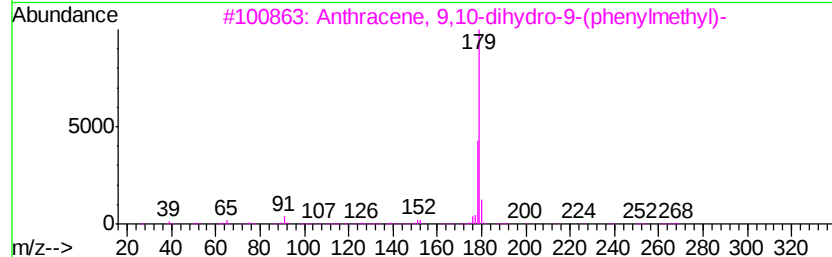
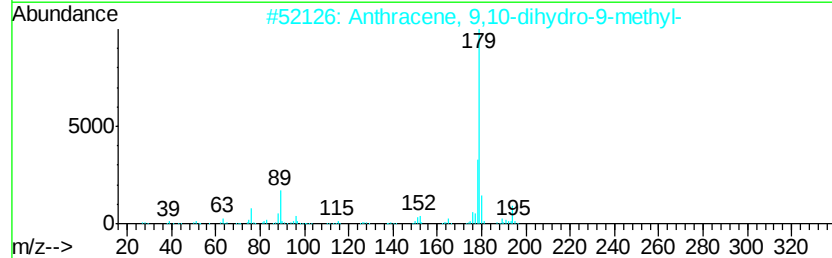
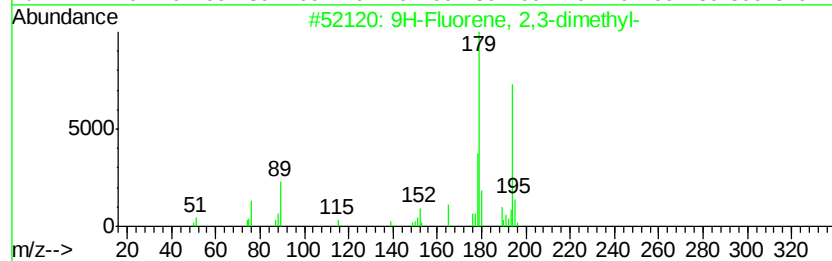
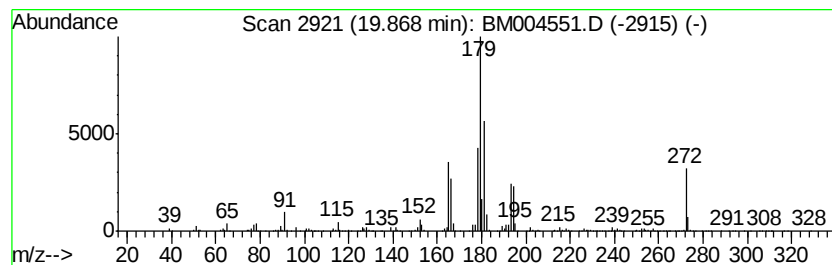
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 unknown-02 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.87	35.71 ng/ul	1106530	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Fluorene, 2,3-dimethyl-	194	C15H14	004612-63-9	47
2		Anthracene, 9,10-dihydro-9-methyl-	194	C15H14	017239-99-5	46
3		Anthracene, 9,10-dihydro-9-(phen...	270	C21H18	002294-89-5	35
4		9H-Fluorene, 9,9-dimethyl-	194	C15H14	004569-45-3	35
5		Anthracene, 9,10-dihydro-9-(3-hy...	238	C17H18O	1000154-64-8	35



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P010-SS001-01

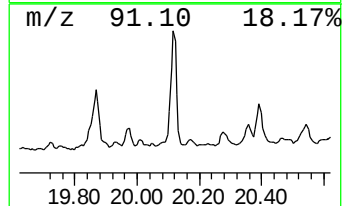
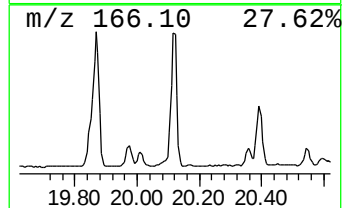
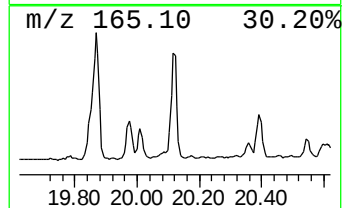
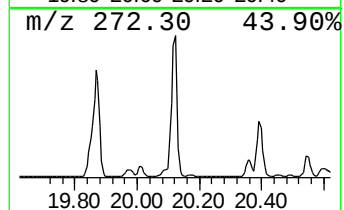
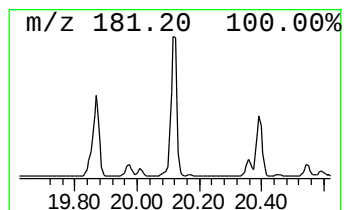
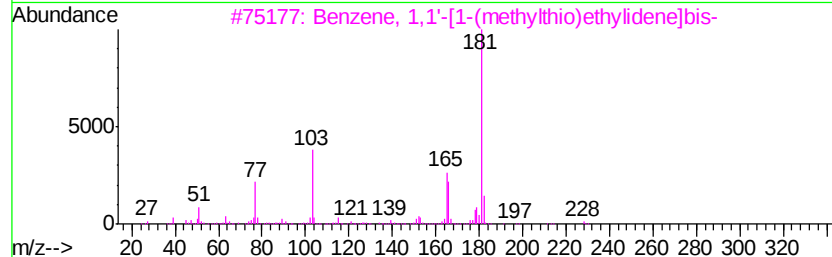
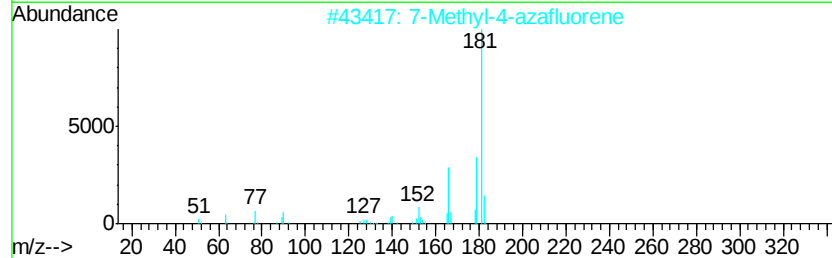
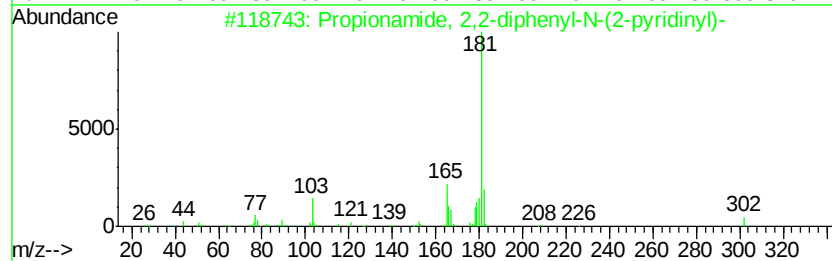
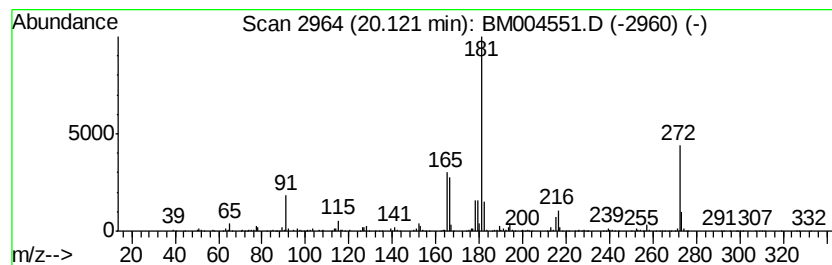
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 unknown-03 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.12	20.00 ng/ul	619740	Chrysene-d12	21.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propionamide, 2,2-diphenyl-N-(2-...	302	C20H18N2O	333435-03-3	47
2		7-Methyl-4-azafluorene	181	C13H11N	064291-99-2	43
3		Benzene, 1,1'-[1-(methylthio)eth...	228	C15H16S	054851-63-7	38
4		Benzene, 1,1'-(1-methylethyliden...	196	C15H16	000778-22-3	38
5		Trimetazidine	266	C14H22N2O3	005011-34-7	37



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
Acq On : 04 Mar 2016 02:49
Operator : SJ/UM
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Misc :
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ClientSampleId :
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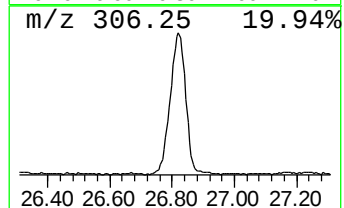
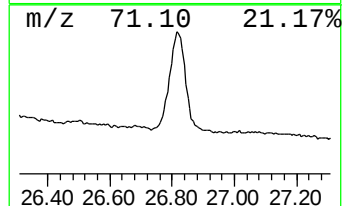
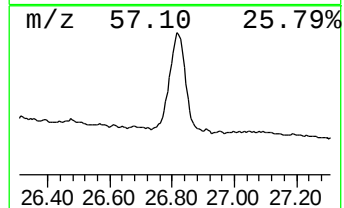
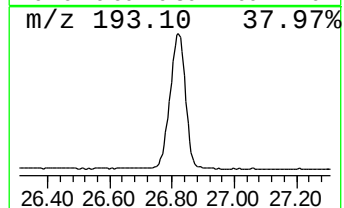
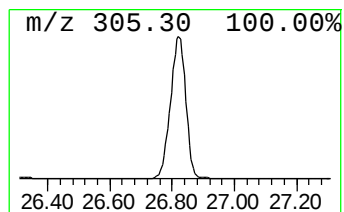
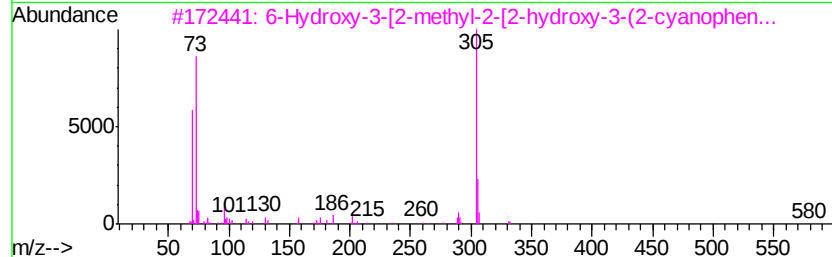
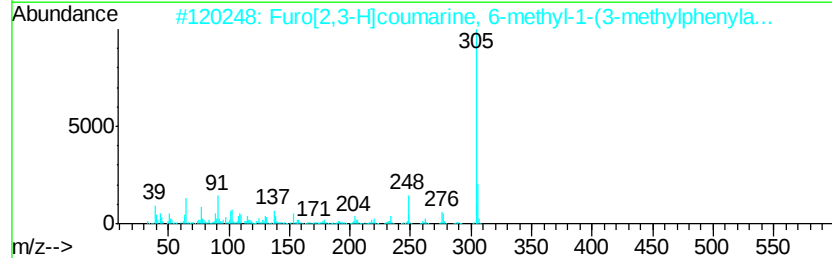
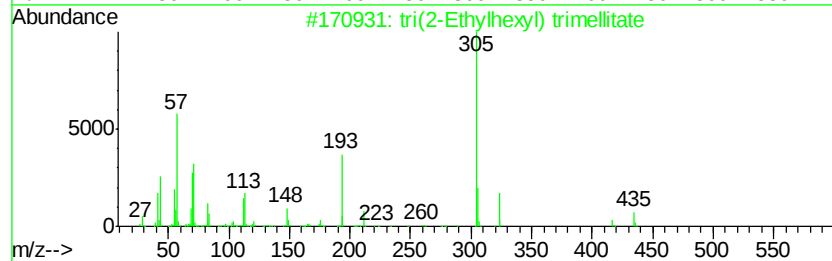
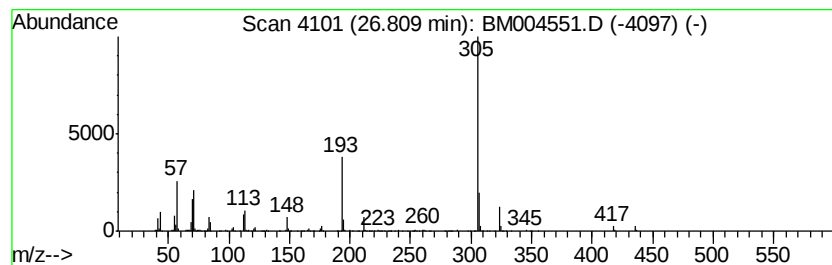
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 tri(2-Ethylhexyl) trimellitate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	32.53 ng/ul	1388140	Perylene-d12	23.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	50
2		Furo[2,3-H]coumarine, 6-methyl-1...	305	C19H15NO3	1000270-15-3	37
3		6-Hydroxy-3-[2-methyl-2-[2-hydro...	595	C31H49N3O3Si3	1000292-78-8	25
4		tri(2-Ethylhexyl) trimellitate	546	C33H54O6	003319-31-1	12
5		[2](1,4)Anthraceno[2](2,6)pyridi...	305	C23H15N	106727-24-6	9



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
Data File : BM004551.D
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Sample : H1616-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.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...	2.79	2.0	ng/ul	21900	1	7.59	218575	20.0
Cyclohexasiloxane...	11.65	2.0	ng/ul	35924	2	10.38	353425	20.0
Decahydro-4,4,8,9...	13.02	4.4	ng/ul	104506	3	14.26	478703	20.0
(DEL) Alkane: Str...	14.15	3.3	ng/ul	78813	3	14.26	478703	20.0
(DEL) Alkane: Str...	15.11	4.2	ng/ul	100069	3	14.26	478703	20.0
(DEL) Alkane: Str...	15.98	5.1	ng/ul	100532	4	17.02	393037	20.0
unknown-01	18.60	18.1	ng/ul	355210	4	17.02	393037	20.0
unknown-02	19.87	35.7	ng/ul	1106530	5	21.24	619740	20.0
unknown-03	20.12	20.0	ng/ul	619740	5	21.24	619740	20.0
tri(2-Ethylhexyl)...	26.81	32.5	ng/ul	1388140	6	23.46	853502	20.0