

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005494.D
 Acq On : 19 May 2016 06:00
 Operator : UM/SJ
 Sample : H2954-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4086

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-BM051816.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	6.992	742	749	757	rBV	82478	129617	5.45%	0.643%
2	7.169	770	779	786	rVB2	59284	144642	6.09%	0.717%
3	7.369	805	813	820	rBV	74473	118450	4.98%	0.587%
4	7.834	887	892	902	rVB	83766	137929	5.80%	0.684%
5	8.528	1002	1010	1019	rBV	99926	162116	6.82%	0.804%
6	8.986	1081	1088	1094	rVB	72379	117413	4.94%	0.582%
7	9.710	1203	1211	1216	rVB	56804	92079	3.87%	0.457%
8	10.239	1295	1301	1309	rVB	116504	182117	7.66%	0.903%
9	10.628	1360	1367	1374	rVB	138561	237047	9.98%	1.175%
10	10.757	1382	1389	1401	rBV	99510	166685	7.01%	0.826%
11	13.874	1913	1919	1923	rBV	254834	350693	14.76%	1.739%
12	13.921	1923	1927	1932	rVB	60071	82211	3.46%	0.408%
13	14.157	1961	1967	1975	rBV	267233	390868	16.45%	1.938%
14	14.463	2010	2019	2027	rVB2	256330	390283	16.42%	1.935%
15	14.557	2027	2035	2041	rBV3	14356	24494	1.03%	0.121%
16	14.645	2044	2050	2056	rVV	118340	170877	7.19%	0.847%
17	14.745	2059	2067	2071	rVV3	67639	104319	4.39%	0.517%
18	14.786	2071	2074	2084	rVB2	26339	44254	1.86%	0.219%
19	15.351	2167	2170	2175	rVB	23802	31742	1.34%	0.157%
20	15.457	2182	2188	2193	rBV	392107	573321	24.13%	2.843%
21	15.563	2201	2206	2212	rVB	84641	115215	4.85%	0.571%
22	15.804	2242	2247	2252	rVB	25710	32670	1.37%	0.162%
23	16.086	2290	2295	2299	rBV2	24524	29875	1.26%	0.148%
24	17.204	2479	2485	2495	rVB	419155	585534	24.64%	2.903%
25	17.304	2495	2502	2508	rBV	456133	672505	28.30%	3.335%
26	18.098	2632	2637	2645	rBV	50759	70915	2.98%	0.352%
27	19.309	2839	2843	2849	rVB2	45013	55930	2.35%	0.277%
28	19.374	2850	2854	2860	rBV3	23391	28147	1.18%	0.140%
29	19.468	2866	2870	2878	rVB7	12919	25263	1.06%	0.125%
30	19.586	2884	2890	2898	rBV	729070	1034338	43.53%	5.129%
31	19.915	2942	2946	2950	rBV5	20463	25511	1.07%	0.126%
32	20.127	2975	2982	2983	rBV6	11254	23823	1.00%	0.118%
33	20.268	3002	3006	3011	rVB2	35227	40144	1.69%	0.199%
34	20.486	3037	3043	3047	rVV2	142222	197727	8.32%	0.980%

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Integration Parameters: LSCINT.P

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35	20.533	3047	3051	3057	rVV	316343	384527	16.18%	1.907%
36	20.656	3068	3072	3076	rBV4	52077	68601	2.89%	0.340%
37	20.739	3082	3086	3090	rBV3	72480	83554	3.52%	0.414%
38	20.903	3106	3114	3122	rBV2	100987	169501	7.13%	0.840%
39	20.974	3122	3126	3129	rVV3	135762	173664	7.31%	0.861%
40	21.003	3129	3131	3134	rVB3	23839	26120	1.10%	0.130%
41	21.097	3142	3147	3153	rBV2	173487	252576	10.63%	1.252%
42	21.150	3153	3156	3159	rBV4	34585	45863	1.93%	0.227%
43	21.280	3171	3178	3188	rBV3	161267	286383	12.05%	1.420%
44	21.374	3189	3194	3199	rBV	859265	1087587	45.77%	5.393%
45	21.533	3219	3221	3224	rVB3	24587	25135	1.06%	0.125%
46	21.833	3270	3272	3277	rVB4	26799	32970	1.39%	0.163%
47	21.980	3292	3297	3310	rBV3	352480	644321	27.11%	3.195%
48	22.239	3337	3341	3352	rVB	124290	206951	8.71%	1.026%
49	22.450	3372	3377	3382	rBV2	79455	147633	6.21%	0.732%
50	22.615	3402	3405	3411	rVB4	50017	74798	3.15%	0.371%
51	22.980	3460	3467	3471	rBV	1541427	2376407	100.00%	11.783%
52	23.015	3471	3473	3480	rVB	141991	206902	8.71%	1.026%
53	23.509	3550	3557	3563	rBV2	744413	1404427	59.10%	6.964%
54	23.656	3575	3582	3590	rVB	627174	1260127	53.03%	6.248%
55	24.233	3673	3680	3686	rBV	423868	853076	35.90%	4.230%
56	24.309	3686	3693	3704	rVB	656227	1279832	53.86%	6.346%
57	25.909	3958	3965	3978	rVB	305497	851427	35.83%	4.222%
58	26.044	3983	3988	3999	rVB5	64054	182349	7.67%	0.904%
59	26.809	4110	4118	4128	rBV3	162175	457295	19.24%	2.267%
60	27.597	4245	4252	4266	rVB4	97415	342593	14.42%	1.699%
61	28.232	4351	4360	4373	rVB4	157928	654366	27.54%	3.245%

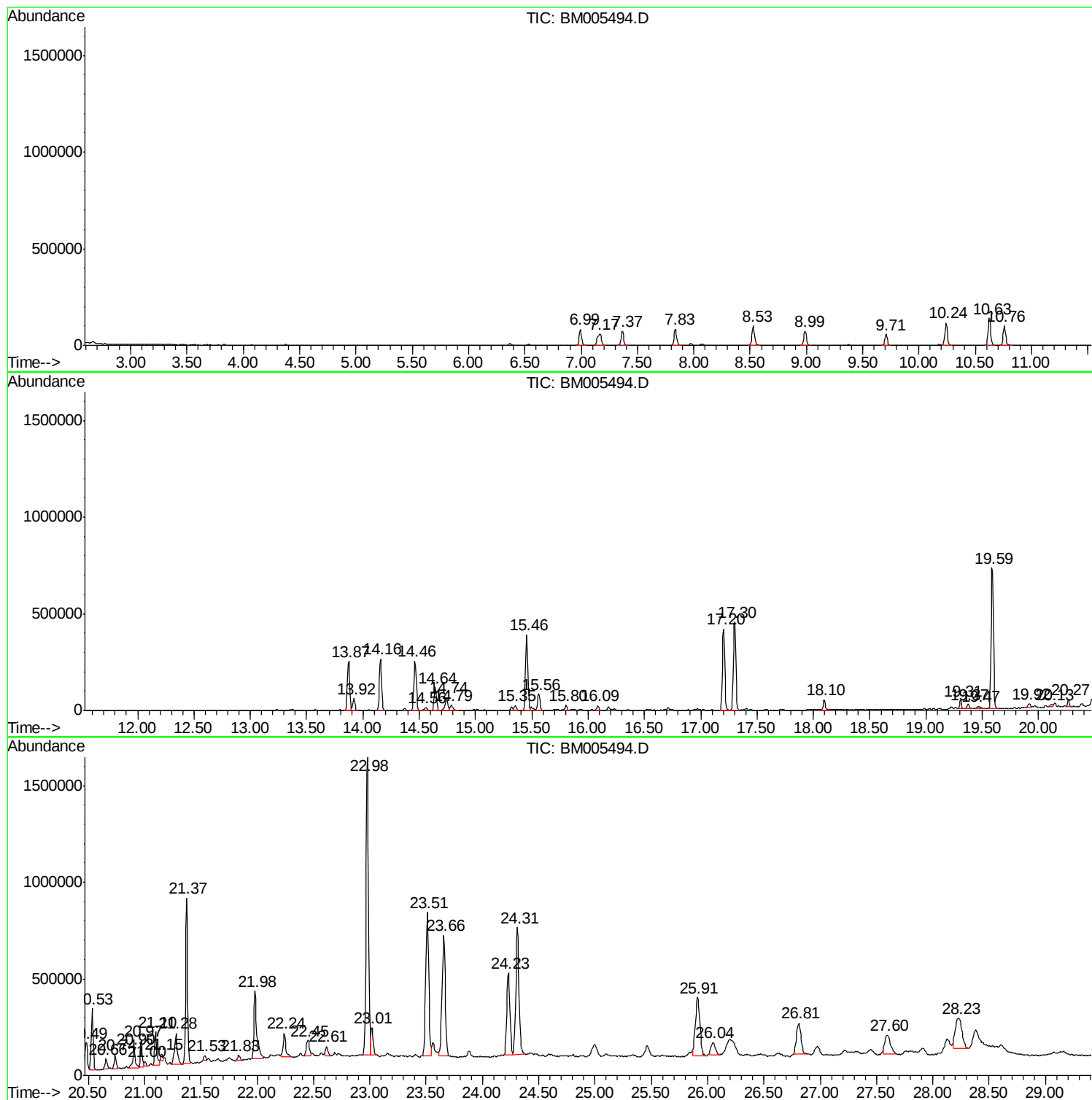
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TIC Library : C:\DATABASE\NIST02.L
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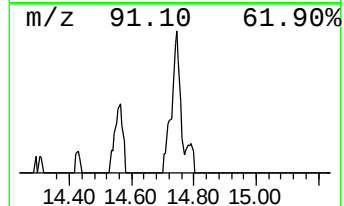
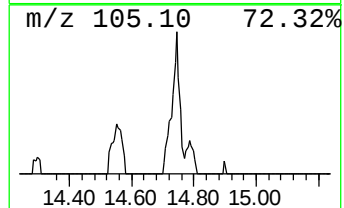
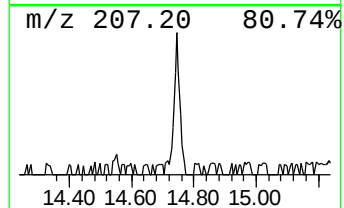
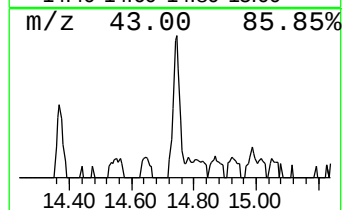
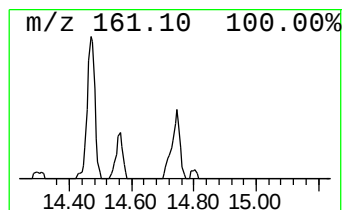
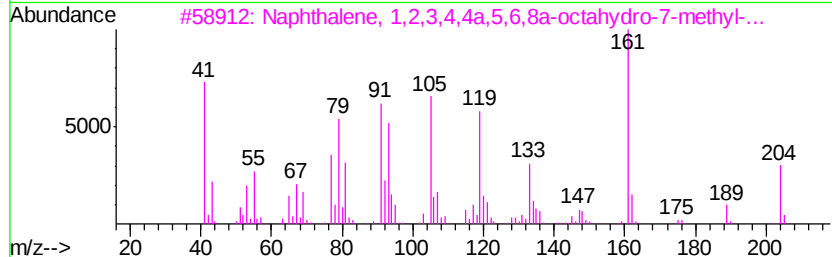
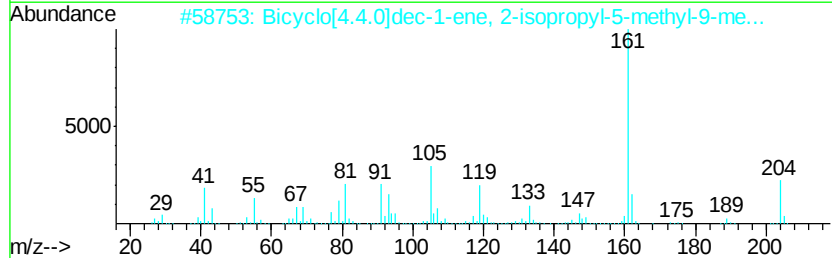
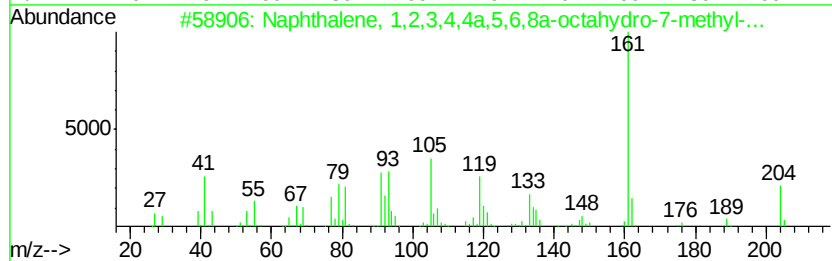
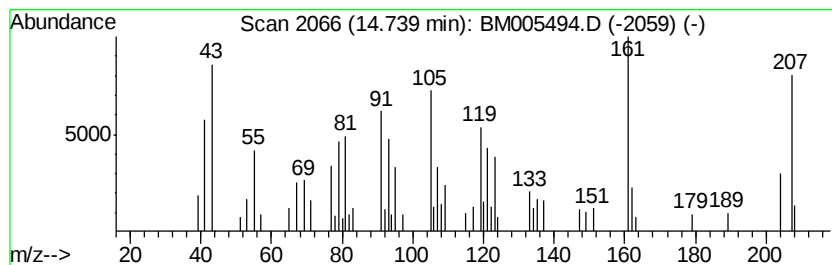
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	5.35 ng/ul	104319	Acenaphthene-d10	14.46

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	70
2			Bicyclo[4.4.0]dec-1-ene, 2-isopr...	204	C15H24	150320-52-8	70
3			Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	030021-74-0	64
4			Cyclohexene, 6-ethenyl-6-methyl-...	204	C15H24	005951-67-7	55
5			Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	53



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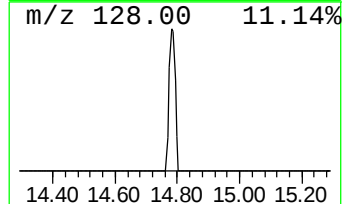
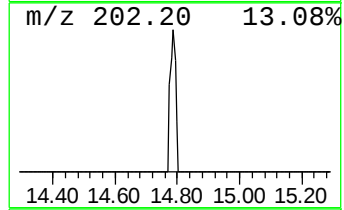
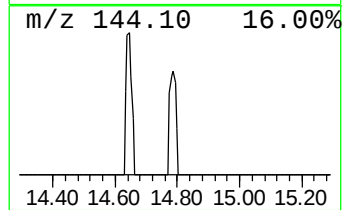
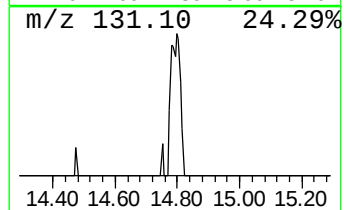
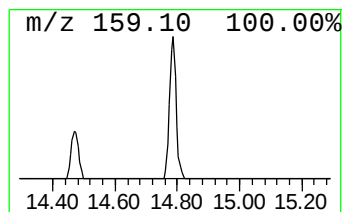
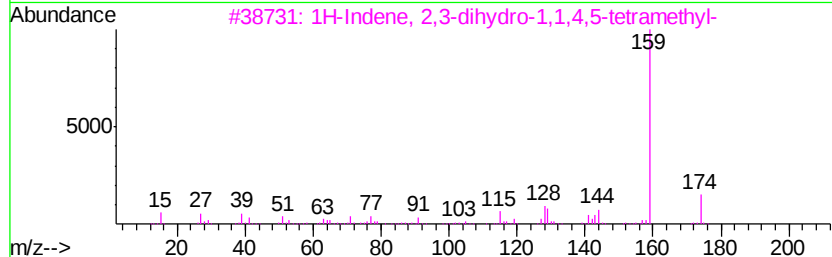
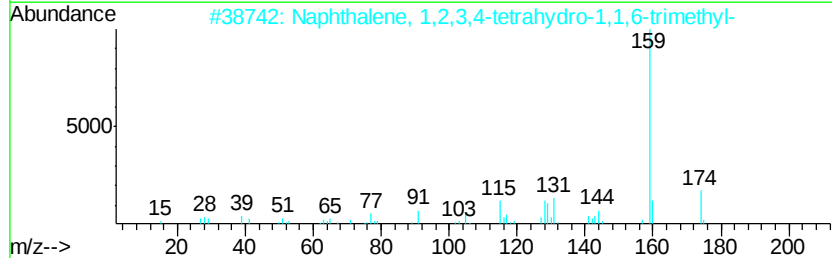
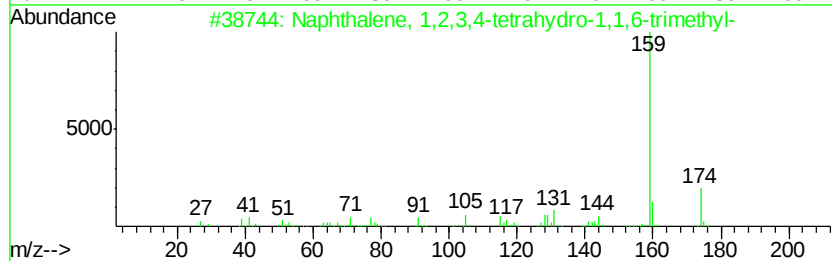
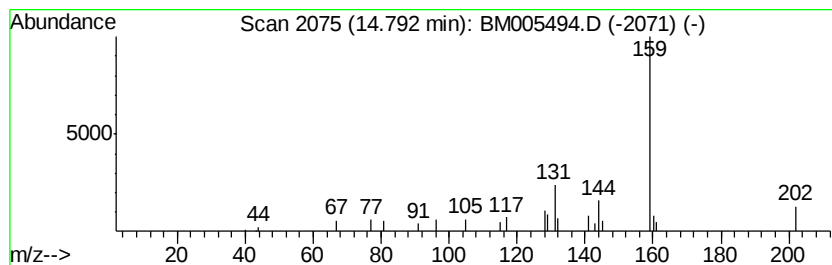
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Naphthalene, 1,2,3,4-tetra... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.27 ng/ul	44254	Acenaphthene-d10	14.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	86
2		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	80
3		1H-Indene, 2,3-dihydro-1,1,4,5-t...	174	C13H18	016204-57-2	59
4		1H-Indene, 2,3-dihydro-1,1,4,6-t...	174	C13H18	000941-60-6	59
5		Indan, 1,1,6,7-tetramethyl-	174	C13H18	016204-58-3	59



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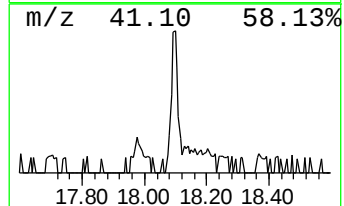
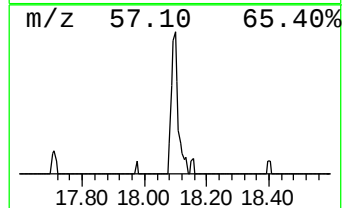
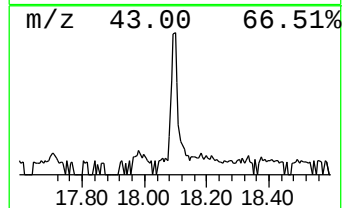
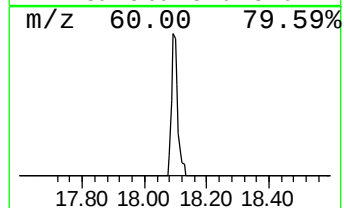
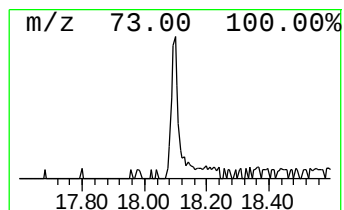
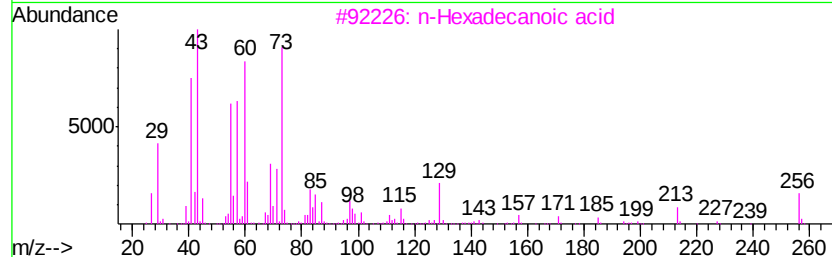
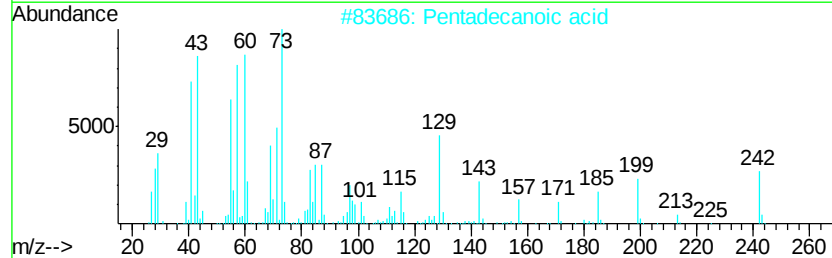
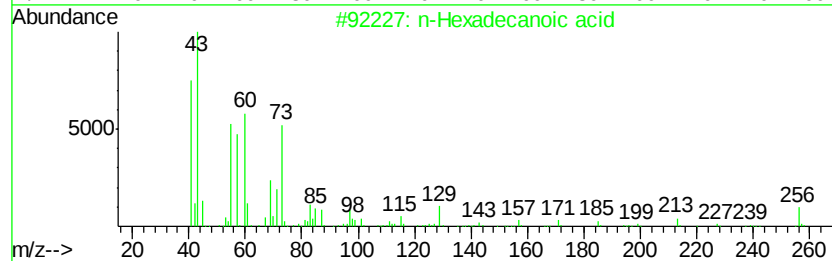
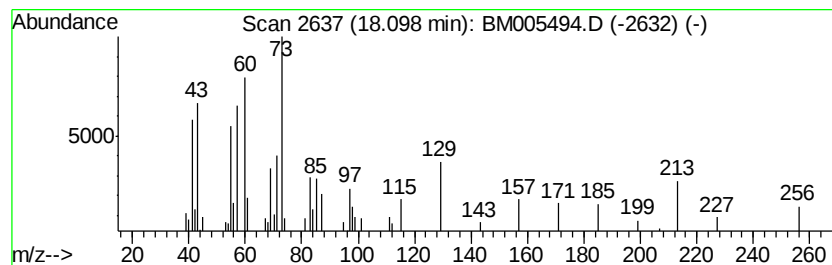
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 n-Hexadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.10	2.42 ng/ul	70915	Phenanthrene-d10		17.20	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	68
4		Tridecanoic acid	214	C13H26O2	000638-53-9	50
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	10



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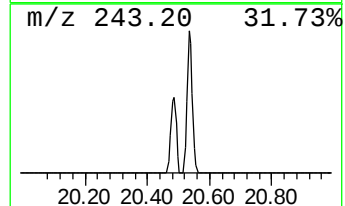
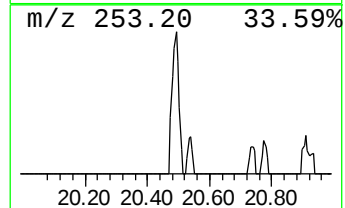
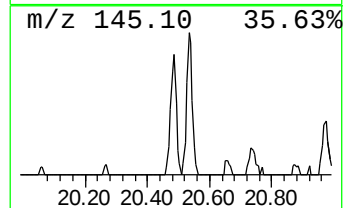
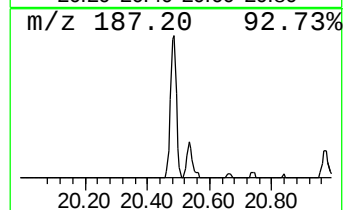
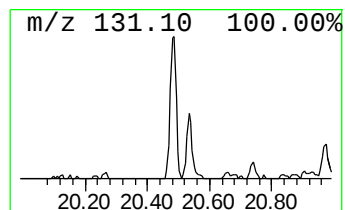
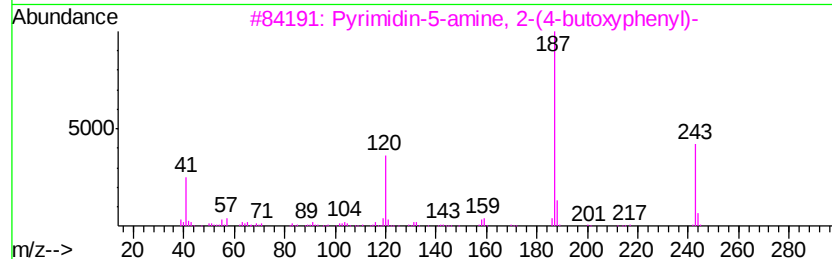
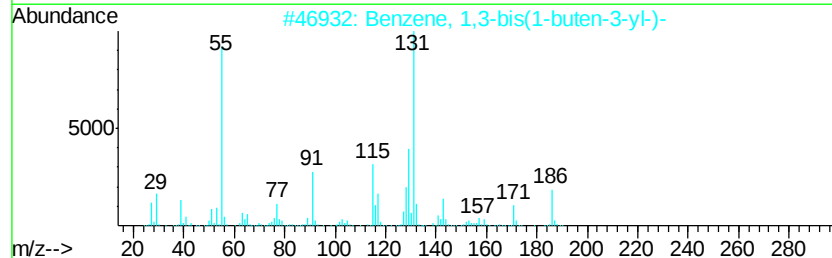
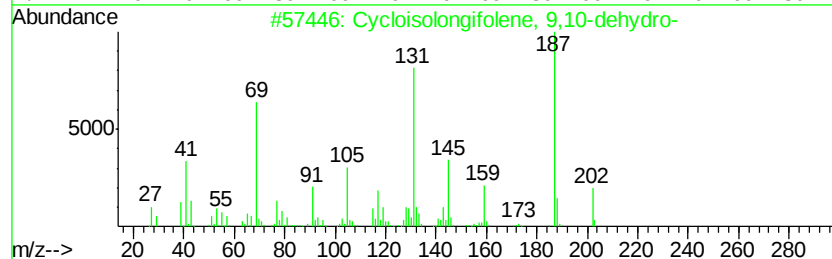
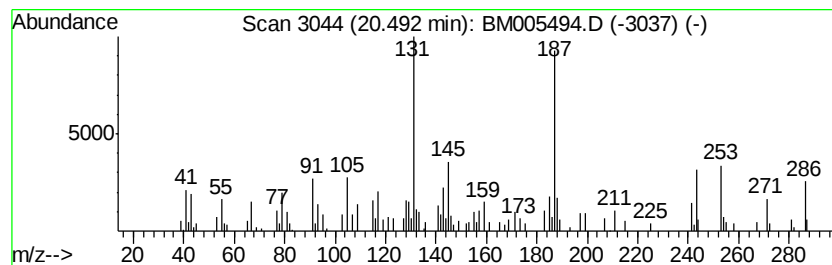
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 unknown-01 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.49	3.64 ng/ul	197727	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cycloisolongifolene, 9,10-dehydro-	202	C15H22	1000156-81-6	43
2		Benzene, 1,3-bis(1-buten-3-yl)-	186	C14H18	158117-62-5	35
3		Pyrimidin-5-amine, 2-(4-butoxyph...	243	C14H17N3O	084609-99-4	30
4		2(1H)-Quinolinone, 4-acetyl-	187	C11H9N02	016511-39-0	27
5		[1,1'-Biphenyl]-4-amine, 4'-fluoro-	187	C12H10FN	000324-93-6	25



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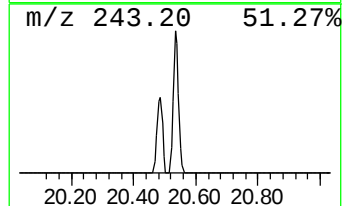
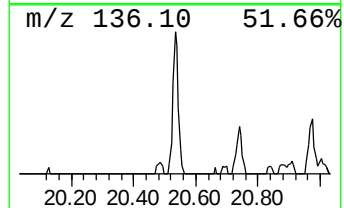
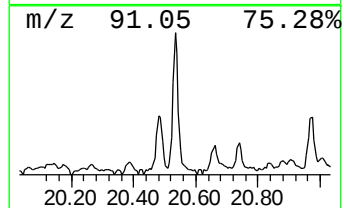
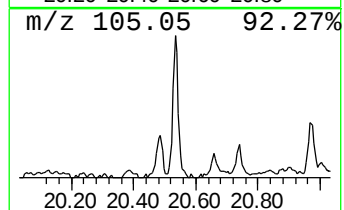
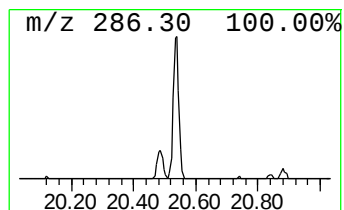
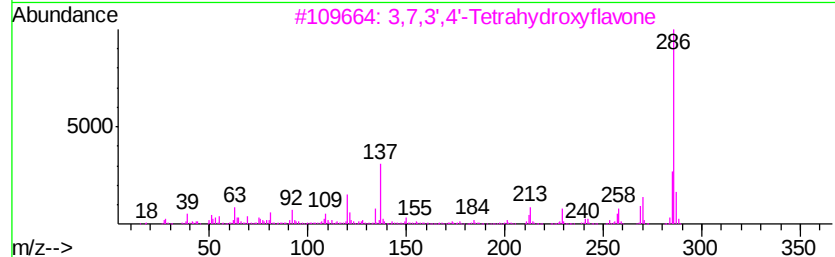
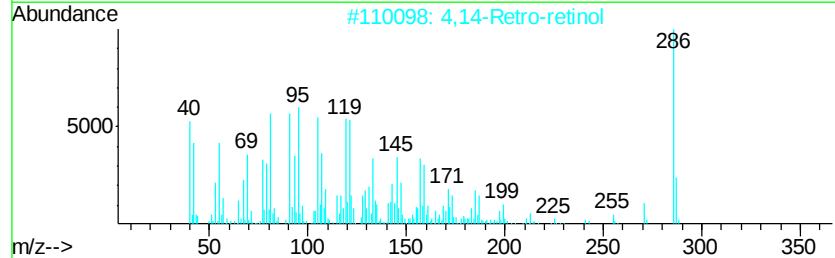
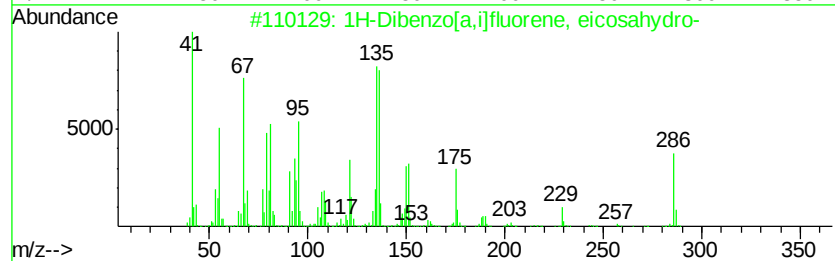
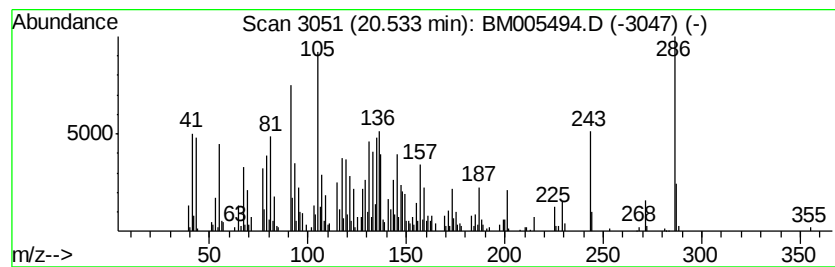
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-02 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.53	7.07 ng/ul	384527	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Dibenzo[a,i]fluorene, eicosah...	286	C21H34	055256-24-1	46
2		4,14-Retro-retinol	286	C20H30O	016729-22-9	41
3		3,7,3',4'-Tetrahydroxyflavone	286	C15H10O6	000528-48-3	25
4		4,9(11)-Androstadien-17.beta.-ol...	286	C19H26O2	1000126-88-0	25
5		p-(Adamantyl-1)-n-propylthiobenzene	286	C19H26S	073861-77-5	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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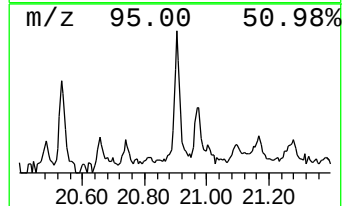
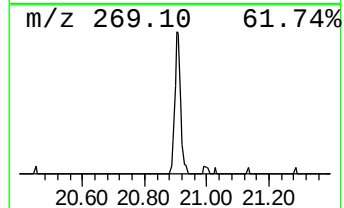
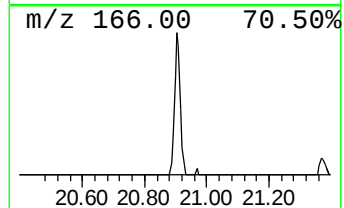
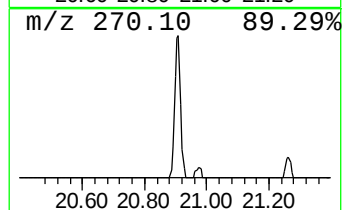
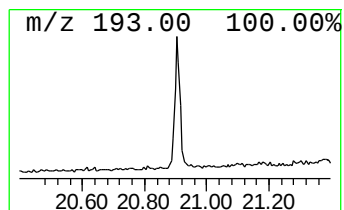
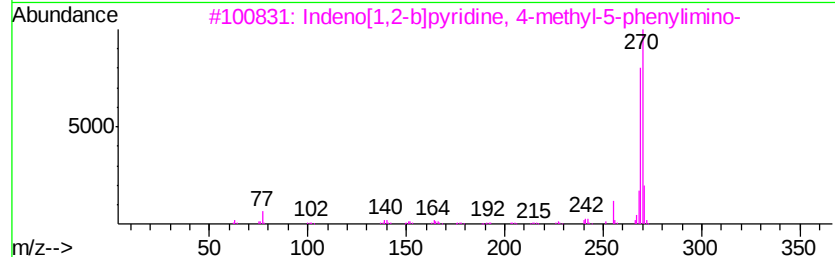
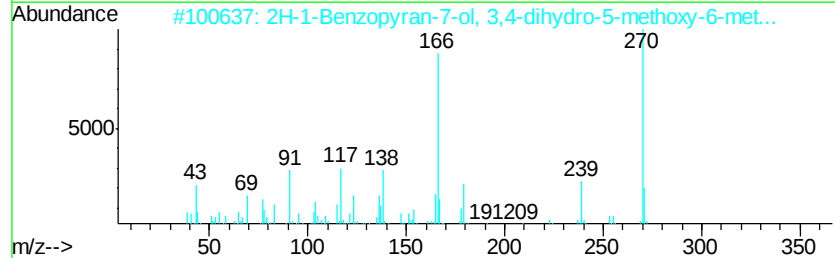
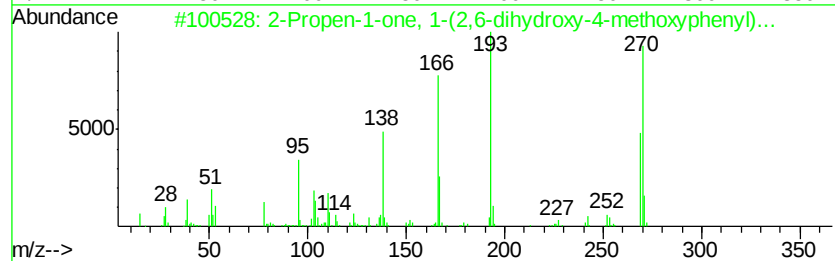
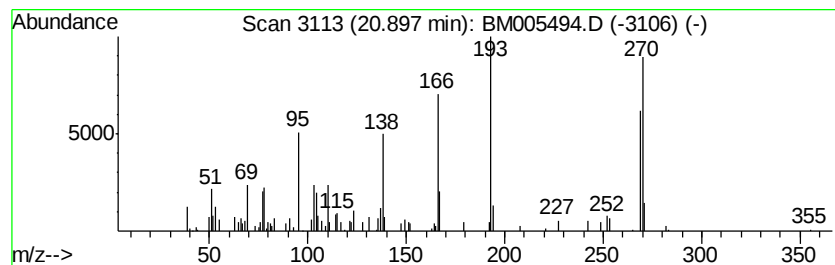
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 2-Propen-1-one, 1-(2,6-dihydroxy... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	3.12 ng/ul	169501	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Propen-1-one, 1-(2,6-dihydroxy...	270	C16H14O4	018956-15-5	98
2		2H-1-Benzopyran-7-ol, 3,4-dihydr...	270	C17H18O3	055670-26-3	25
3		Indeno[1,2-b]pyridine, 4-methyl-...	270	C19H14N2	070740-31-7	18
4		Acridine, 9-anilino-	270	C19H14N2	003340-22-5	18
5		8-Methyl-4-azafluorene, phenylimine	270	C19H14N2	1000216-54-2	14



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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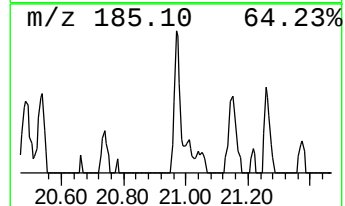
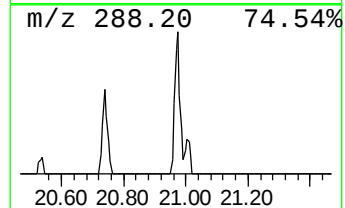
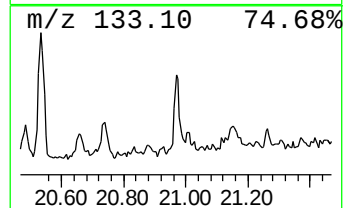
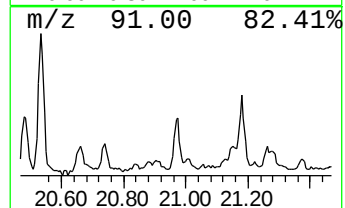
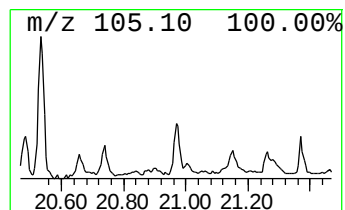
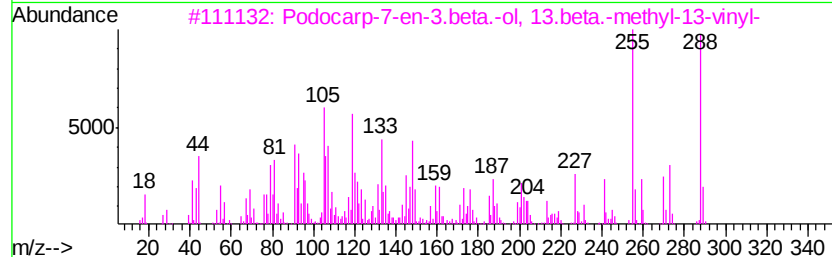
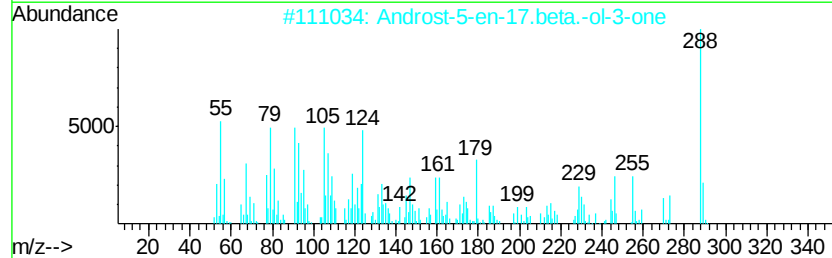
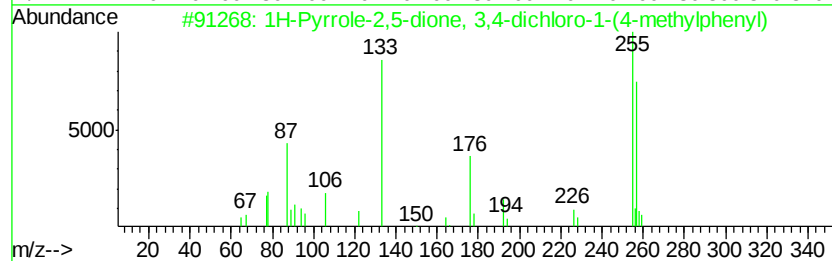
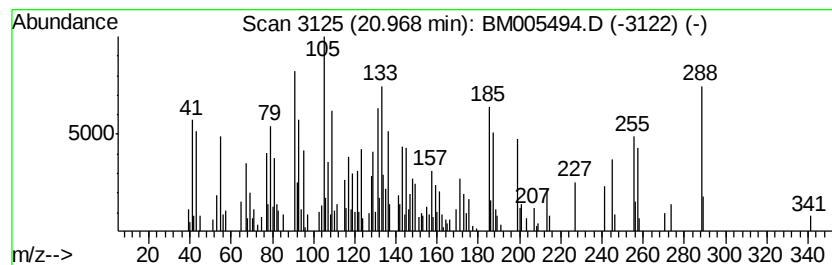
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 1H-Pyrrole-2,5-dione, 3,4-d... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	3.19 ng/ul	173664	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Pyrrole-2,5-dione, 3,4-dichlo...	255	C11H7Cl2N02	029244-55-1	70
2		Androst-5-en-17.beta.-ol-3-one	288	C19H28O2	000571-25-5	46
3		Podocarp-7-en-3.beta.-ol, 13.bet...	288	C20H32O	004752-56-1	38
4		2-Bromo-4,5-dimethoxyphenylaceto...	255	C10H10BrN02	051655-39-1	25
5		4a,trans-4b,cis-8a,trans-10a-Per...	288	C20H32O	1000243-63-0	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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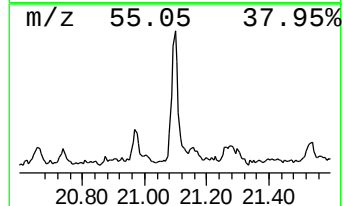
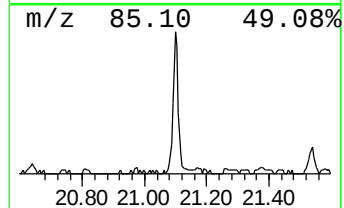
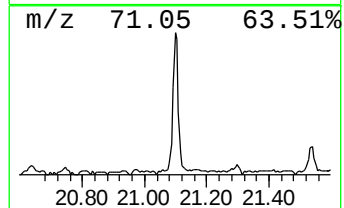
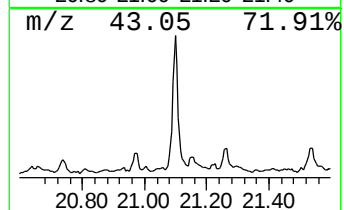
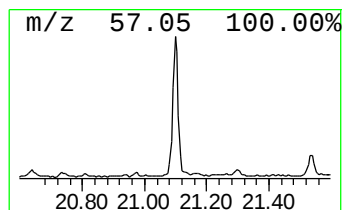
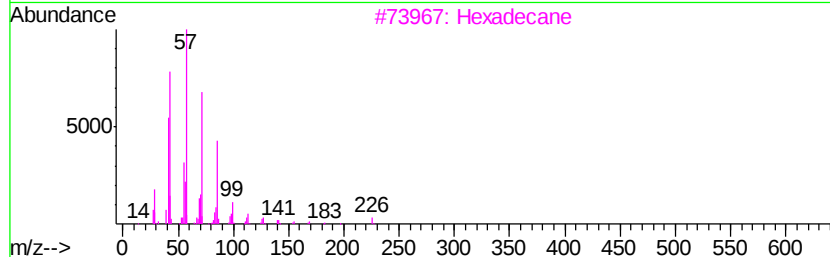
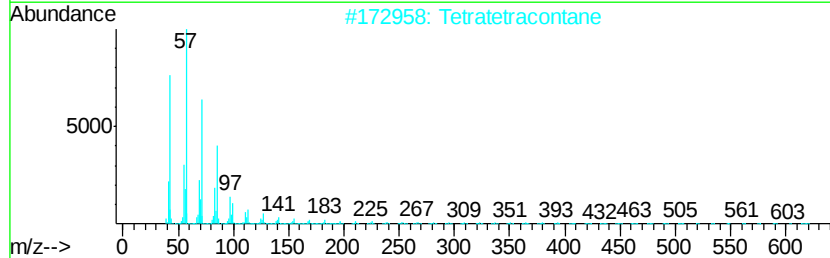
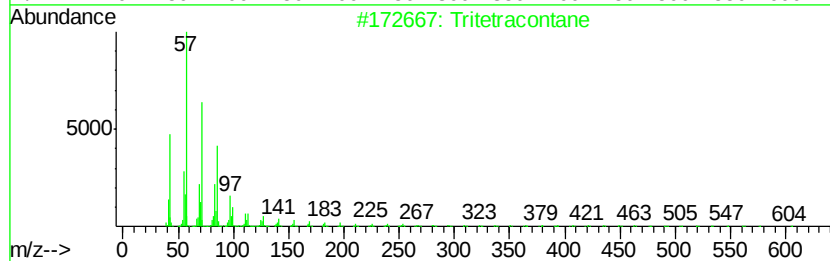
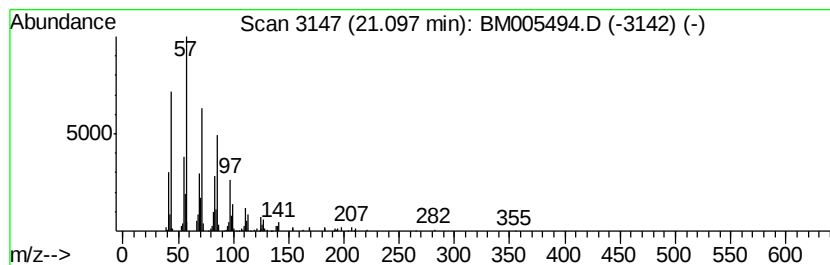
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.10	4.64 ng/ul	252576	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tritetracontane	605	C43H88	007098-21-7	87
2			Tetratetracontane	619	C44H90	007098-22-8	83
3			Hexadecane	226	C16H34	000544-76-3	68
4			Nonadecane	268	C19H40	000629-92-5	68
5			Pentadecane	212	C15H32	000629-62-9	68



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
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Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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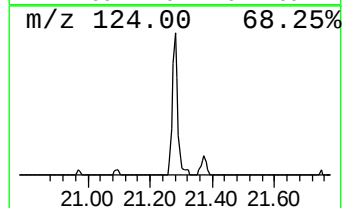
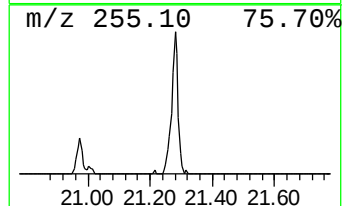
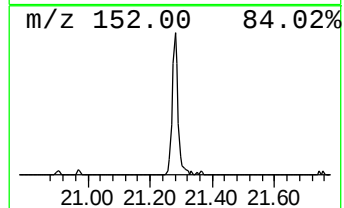
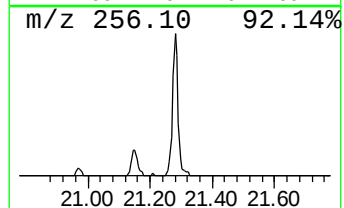
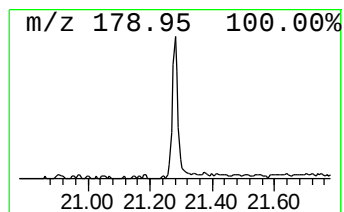
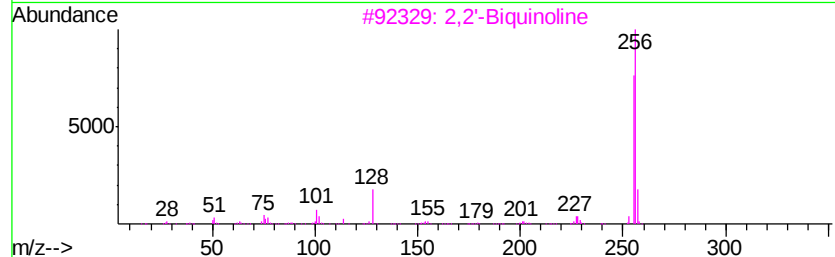
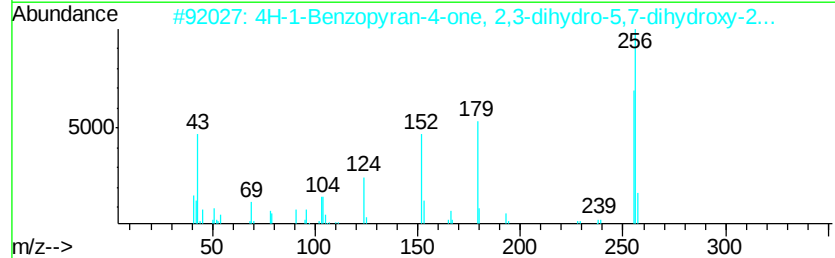
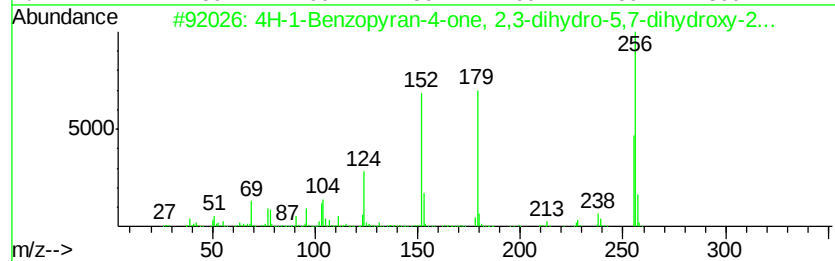
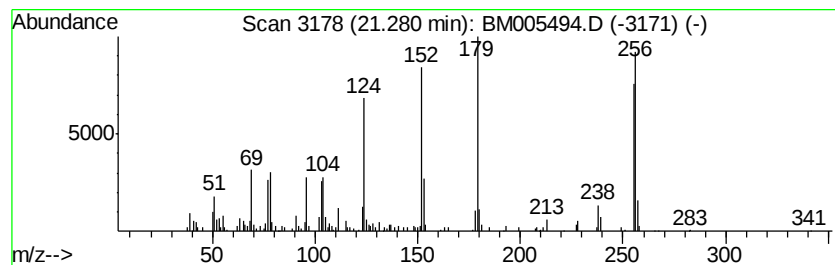
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 4H-1-Benzopyran-4-one, 2,3-... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.28	5.27 ng/ul	286383	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	97
2		4H-1-Benzopyran-4-one, 2,3-dihyd...	256	C15H12O4	000480-39-7	52
3		2,2'-Biquinoline	256	C18H12N2	000119-91-5	25
4		2,2'-Biquinoline	256	C18H12N2	000119-91-5	25
5		3-(4-(4-Fluorophenyl)-1,3-thiazo...	256	C14H9FN2S	1000298-16-6	25



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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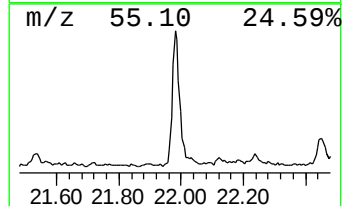
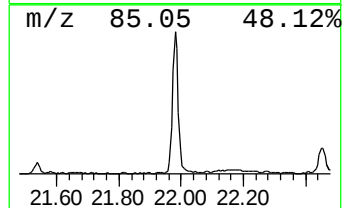
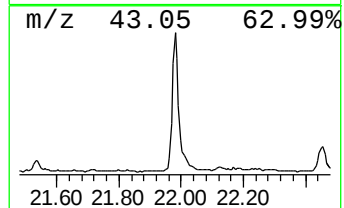
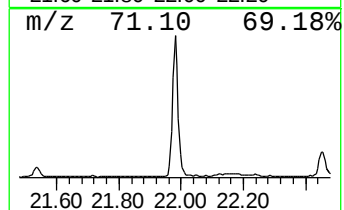
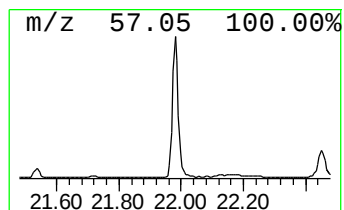
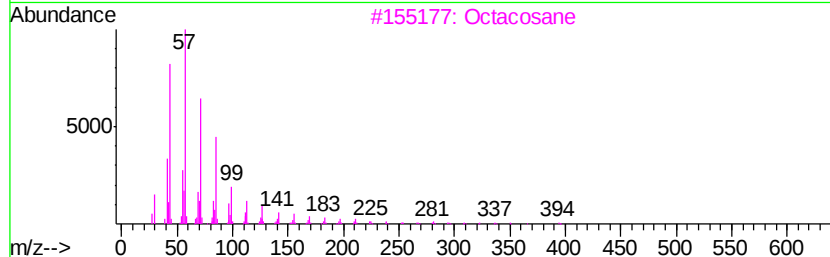
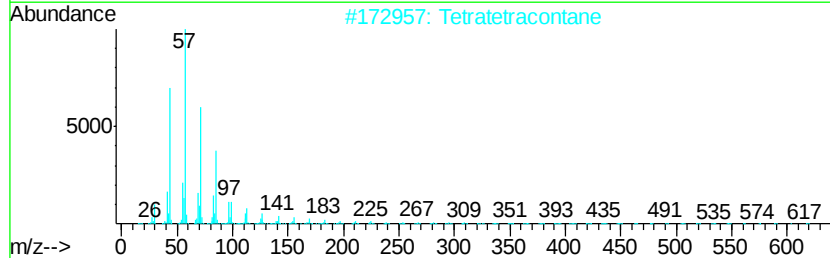
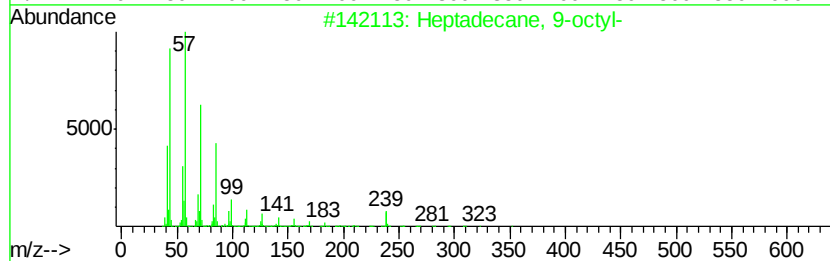
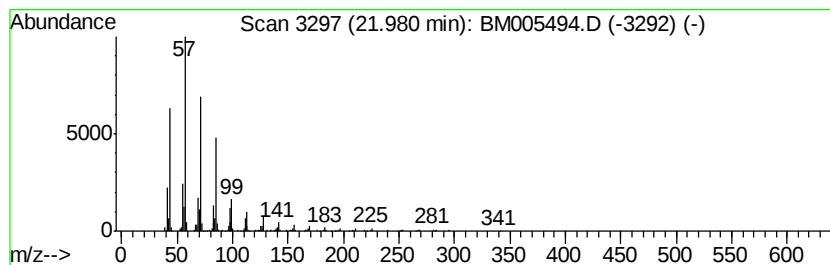
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.98	11.85 ng/ul	644321	Chrysene-d12	21.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
2		Tetratetracontane	619	C44H90	007098-22-8	91
3		Octacosane	394	C28H58	000630-02-4	91
4		Octacosane	394	C28H58	000630-02-4	91
5		Heneicosane	296	C21H44	000629-94-7	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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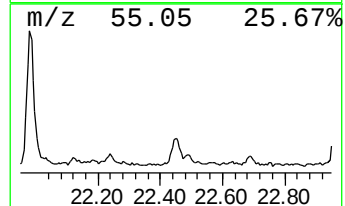
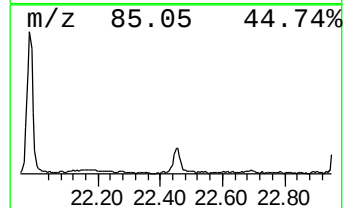
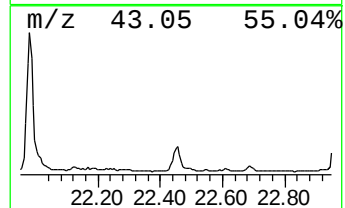
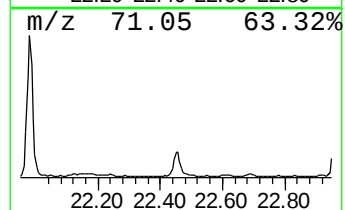
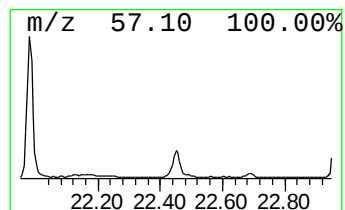
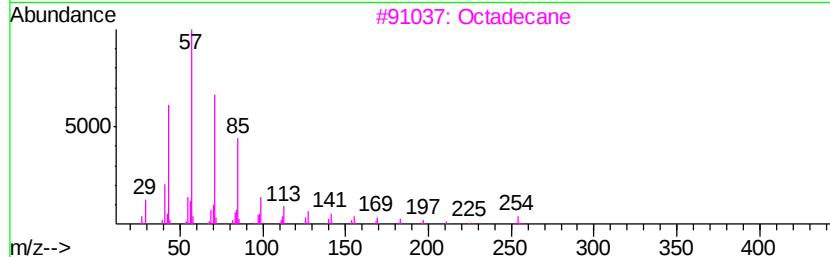
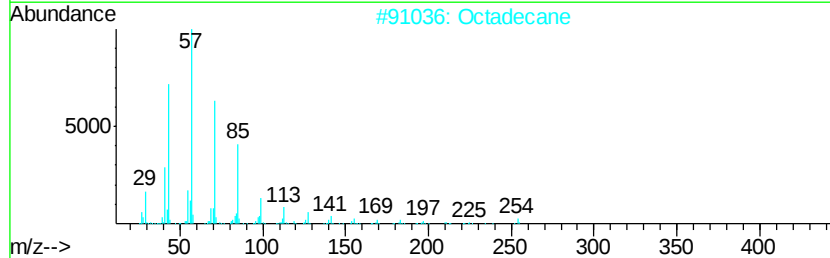
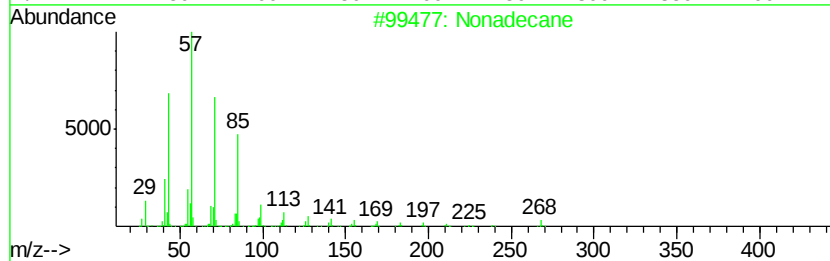
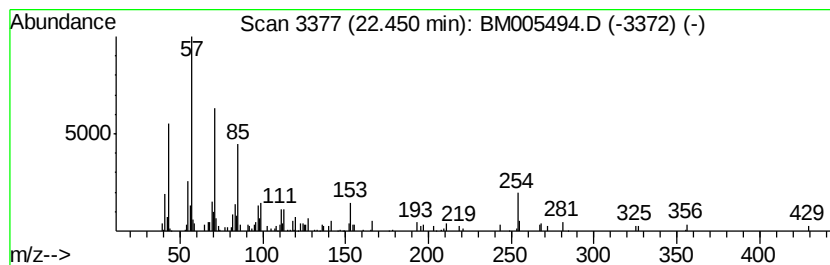
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.45	2.71 ng/ul	147633	Chrysene-d12	21.37

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	96
2			Octadecane	254	C18H38	000593-45-3	76
3			Octadecane	254	C18H38	000593-45-3	76
4			Tetratetracontane	619	C44H90	007098-22-8	70
5			Tetratriacontane	479	C34H70	014167-59-0	64



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4086

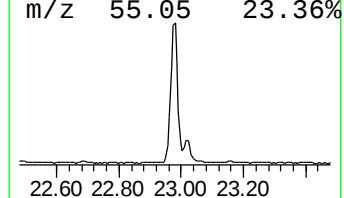
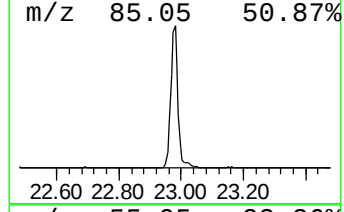
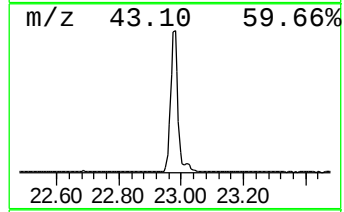
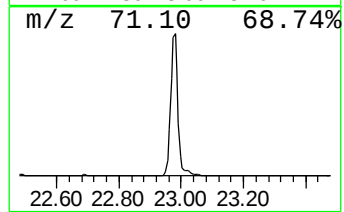
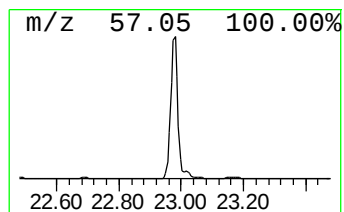
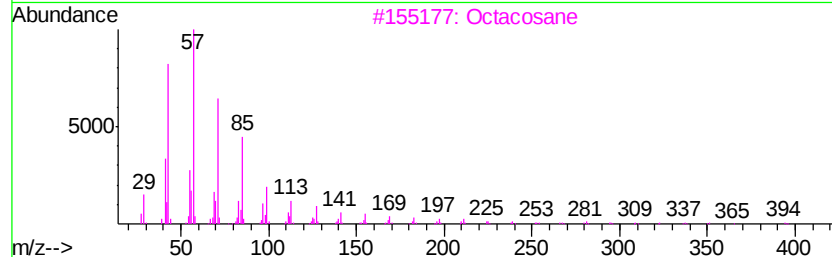
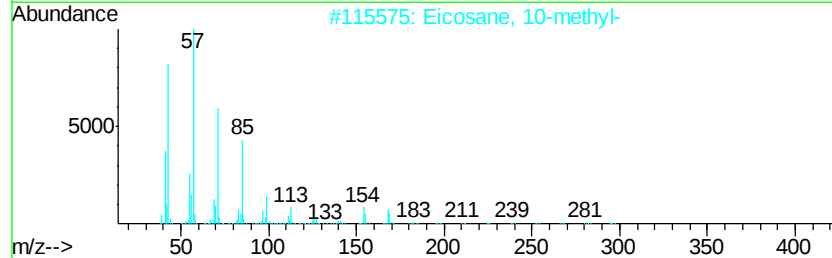
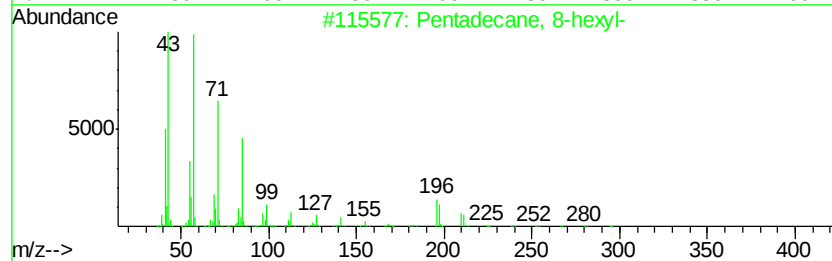
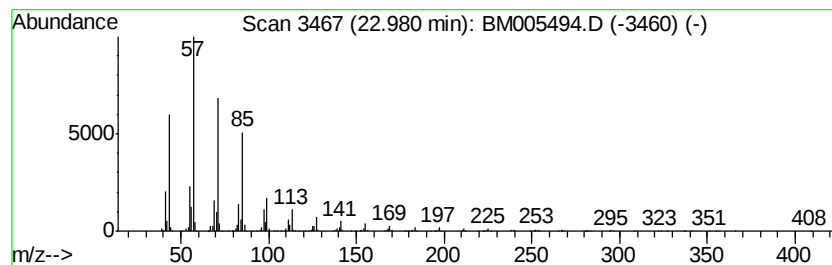
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.98	37.72 ng/ul	2376410	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	94
2		Eicosane, 10-methyl-	296	C21H44	054833-23-7	93
3		Octacosane	394	C28H58	000630-02-4	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		Octacosane	394	C28H58	000630-02-4	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
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Acq On : 19 May 2016 06:00
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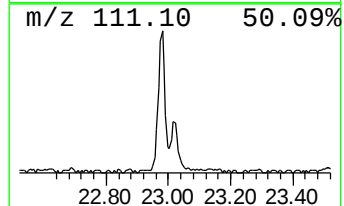
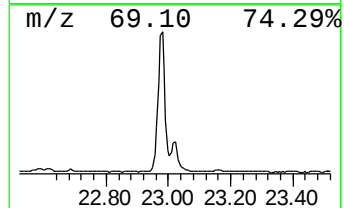
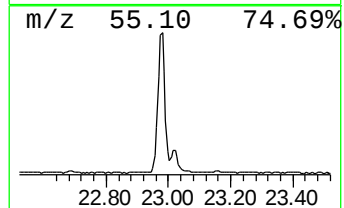
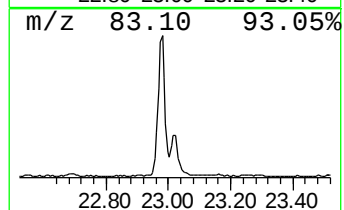
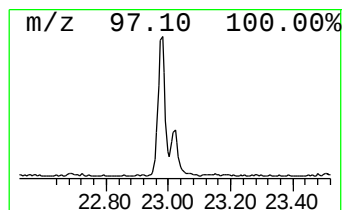
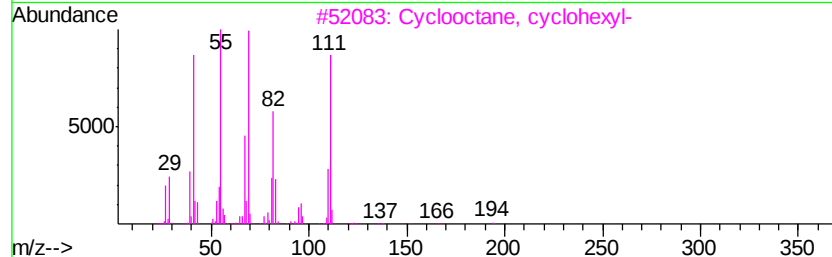
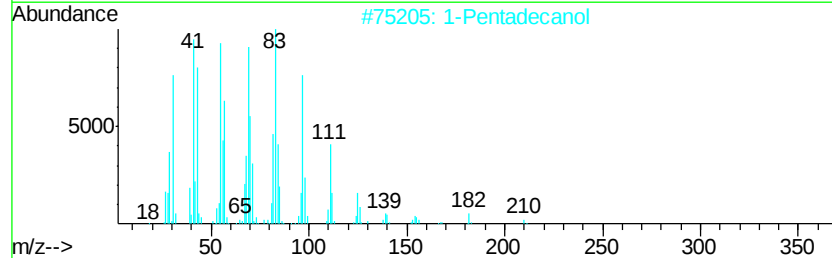
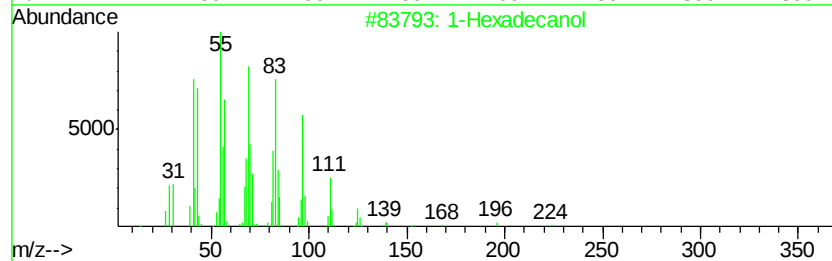
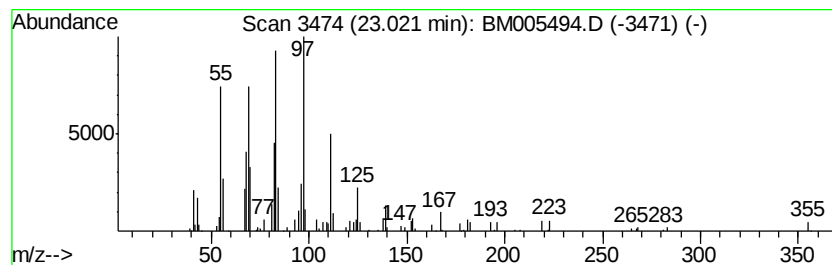
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 1-Hexadecanol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.02	3.28 ng/ul	206902	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanol	242	C16H34O	036653-82-4	50
2			1-Pentadecanol	228	C15H32O	000629-76-5	47
3			Cyclooctane, cyclohexyl-	194	C14H26	092369-78-3	38
4			Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	30
5			Cyclopentane, propyl-	112	C8H16	002040-96-2	30



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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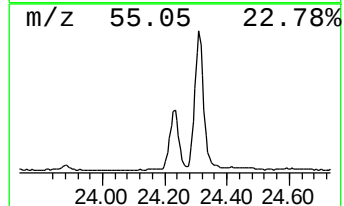
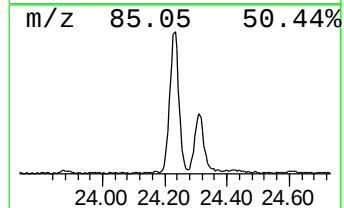
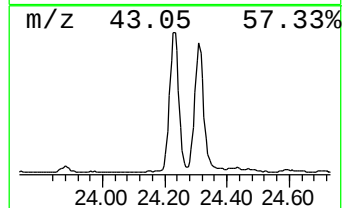
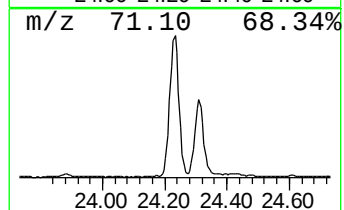
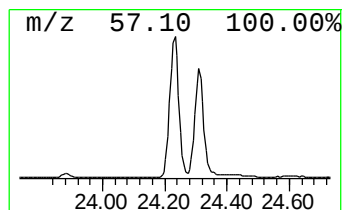
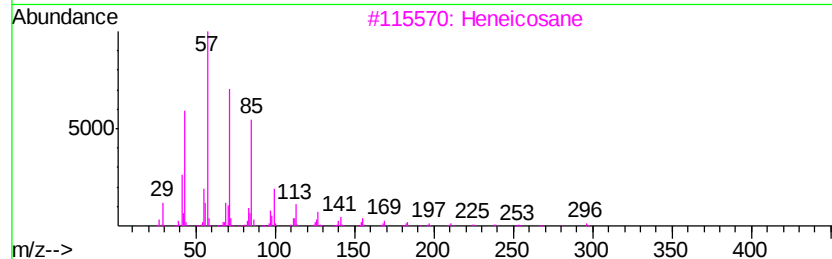
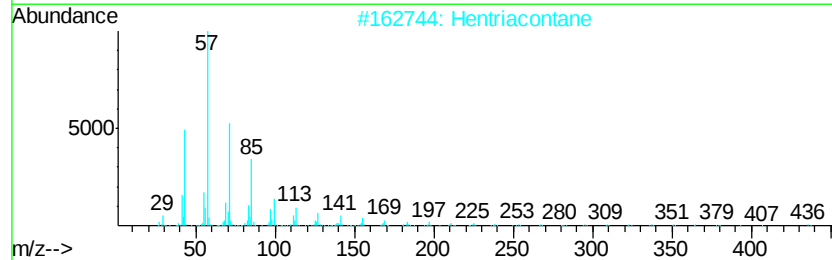
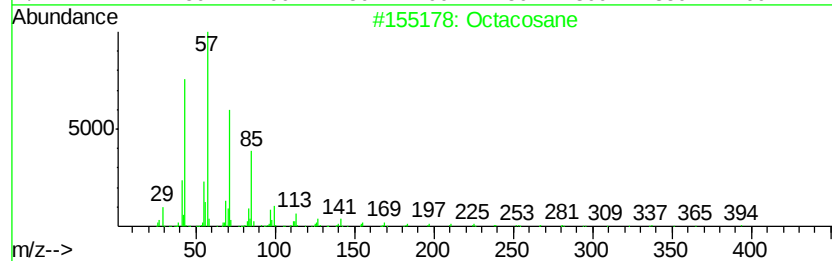
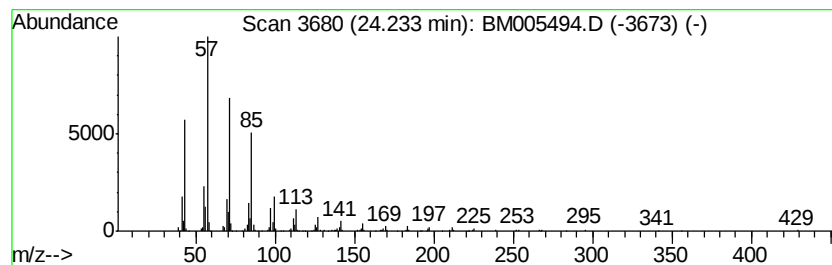
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.23	13.54 ng/ul	853076	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	91
2		Hentriacontane	437	C31H64	000630-04-6	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetratetracontane	619	C44H90	007098-22-8	91
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
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ClientSampleId :
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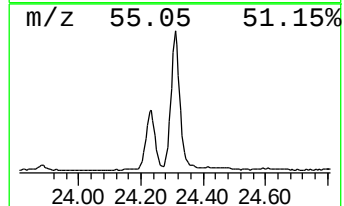
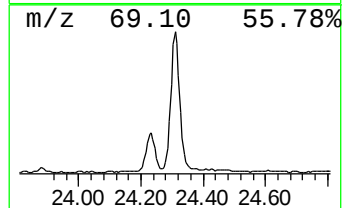
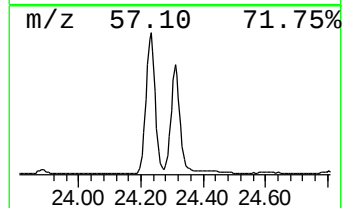
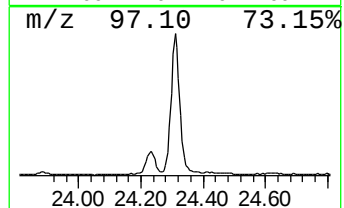
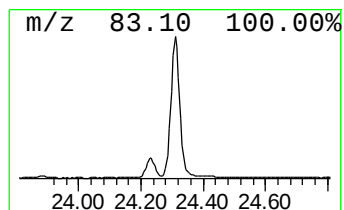
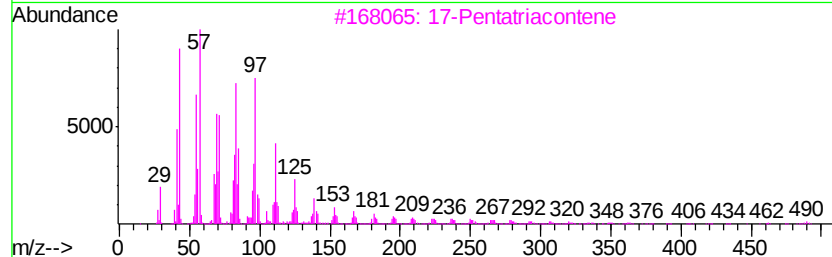
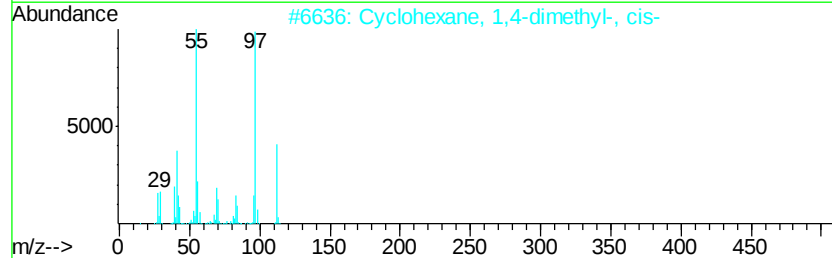
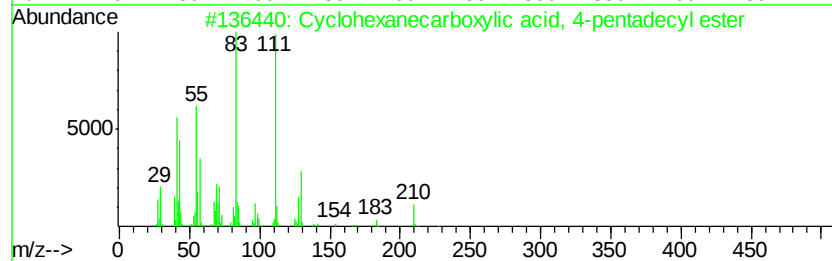
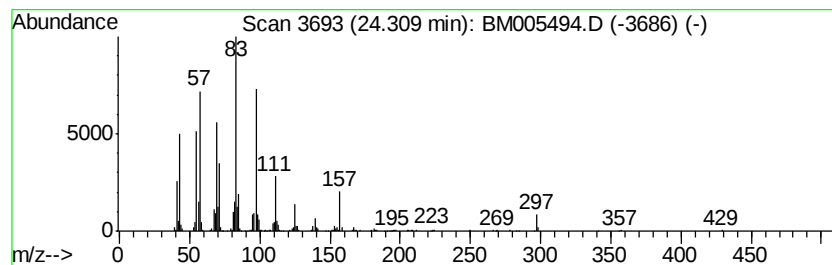
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 unknown-03 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.31	20.31 ng/ul	1279830	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 4-pe...	338	C22H42O2	1000280-60-1	35
2		Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	30
3		17-Pentatriacontene	491	C35H70	006971-40-0	30
4		1-Hentetracontanol	593	C41H84O	040710-42-7	30
5		Tridecane, 3-cyclohexyl-	266	C19H38	013151-88-7	27



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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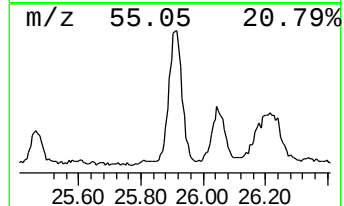
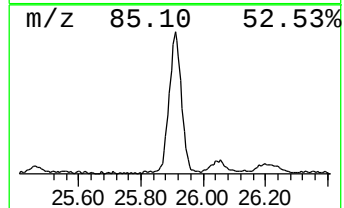
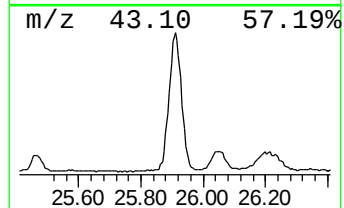
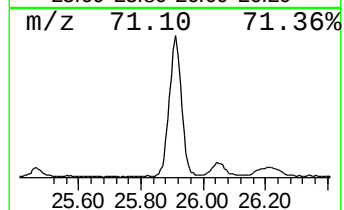
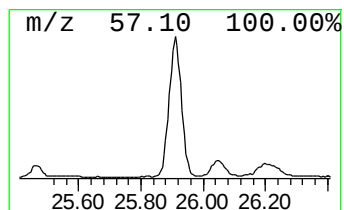
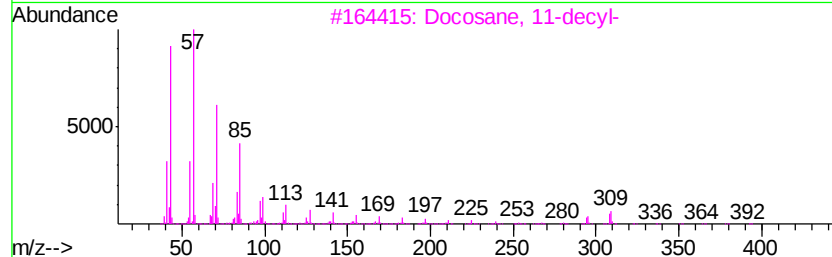
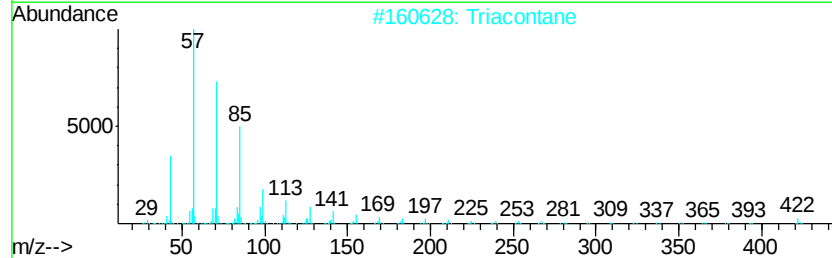
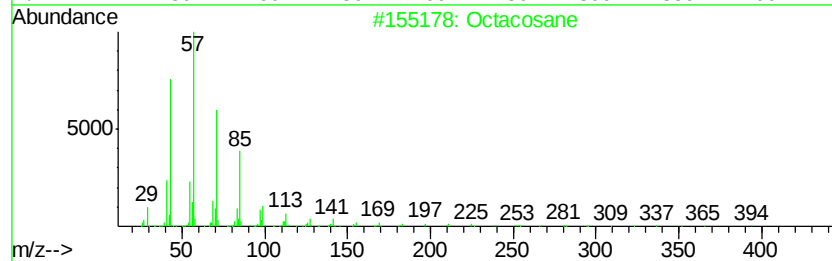
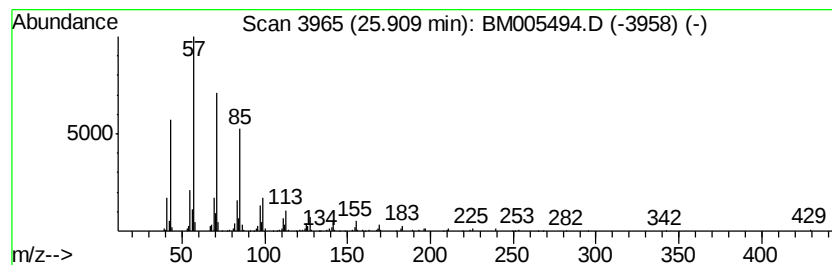
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.91	13.51 ng/ul	851427	Perylene-d12	23.66

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		Docosane, 11-decyl-	451	C32H66	055401-55-3	91
4		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	91
5		Nonacosane	408	C29H60	000630-03-5	91



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
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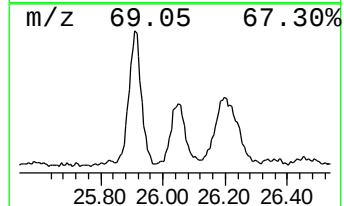
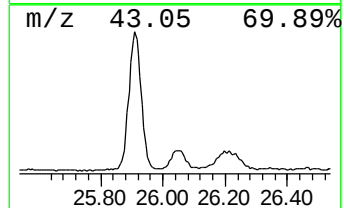
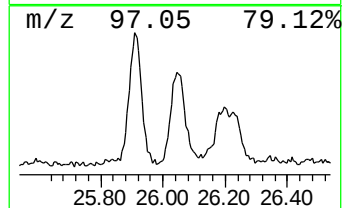
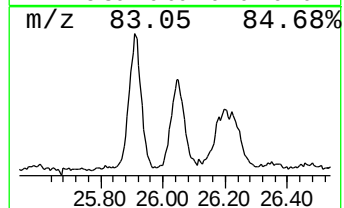
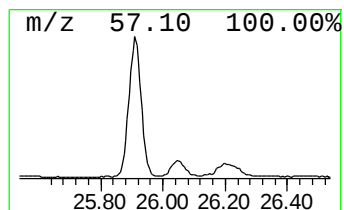
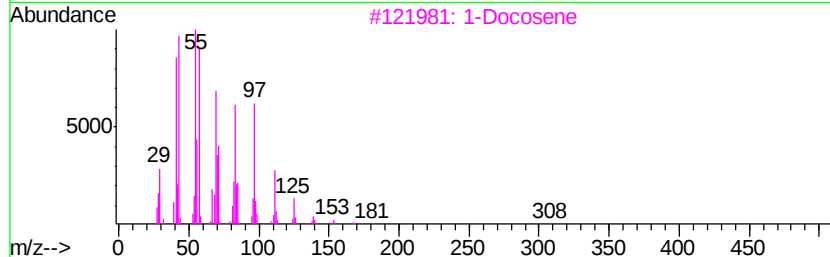
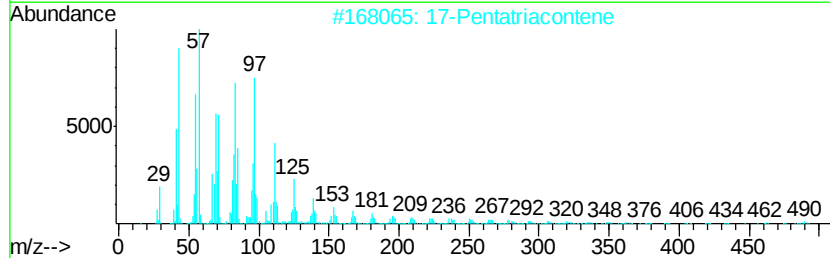
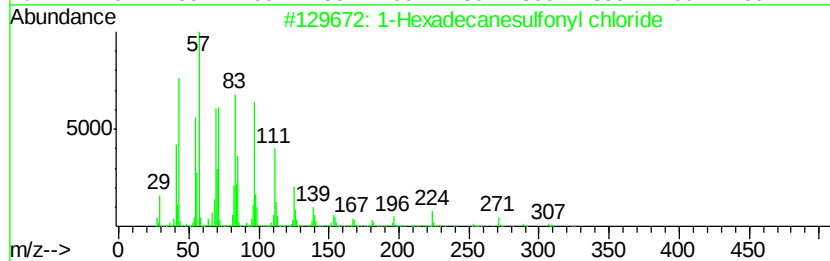
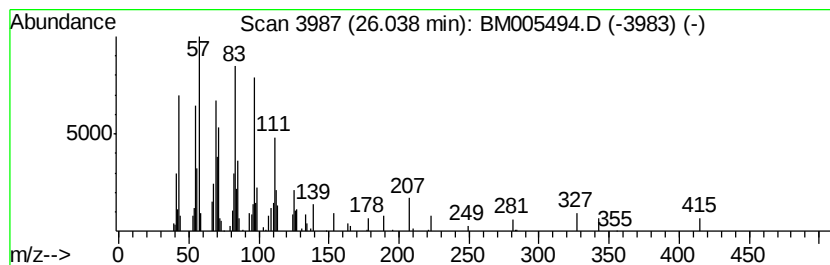
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 1-Hexadecanesulfonyl chloride Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.04	2.89 ng/ul	182349	Perylene-d12	23.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	90
2			17-Pentatriacontene	491	C35H70	006971-40-0	90
3			1-Docosene	308	C22H44	001599-67-3	87
4			13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	86
5			1-Docosanol	326	C22H46O	000661-19-8	80



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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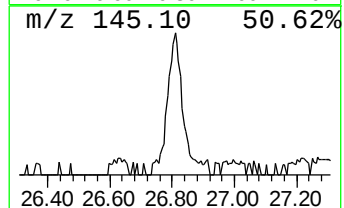
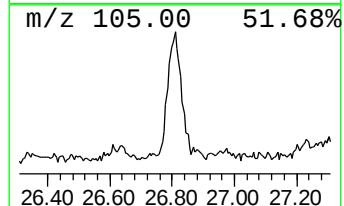
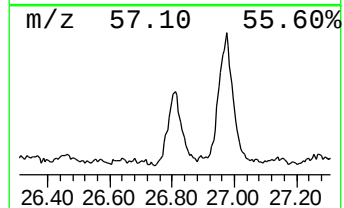
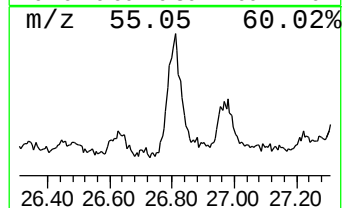
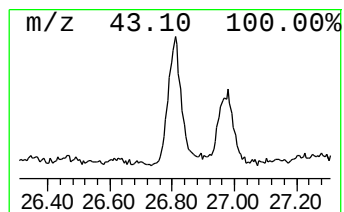
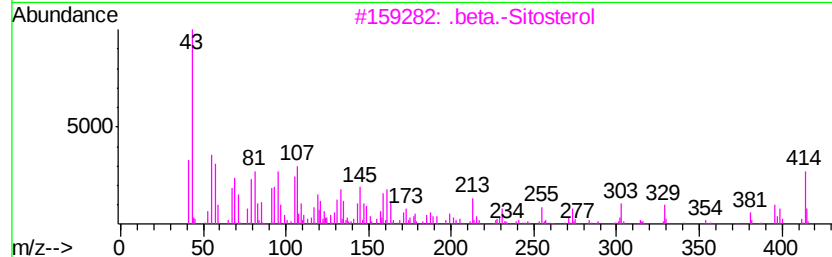
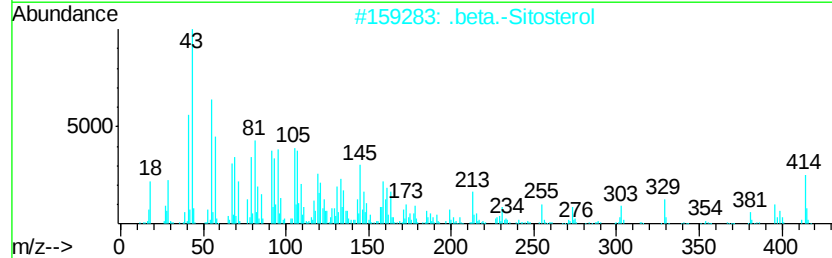
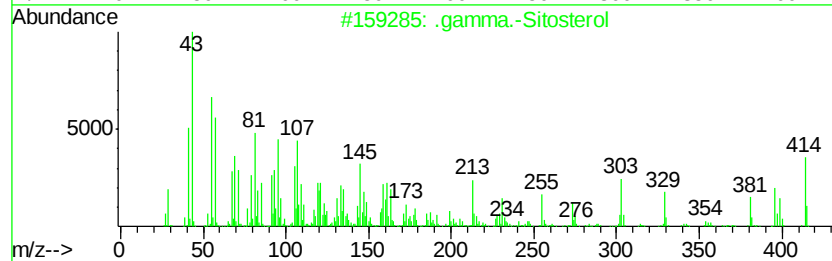
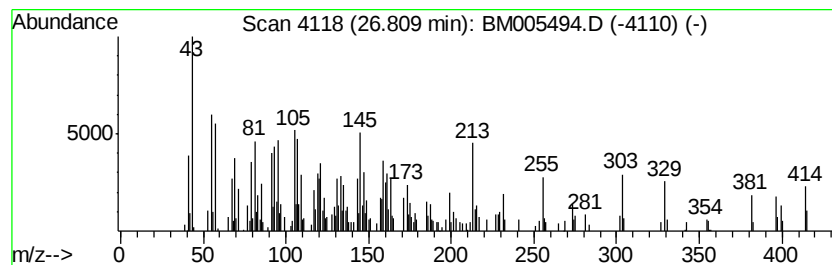
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 .gamma.-Sitosterol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.81	7.26 ng/ul	457295	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2		.beta.-Sitosterol	414	C29H50O	000083-46-5	98
3		.beta.-Sitosterol	414	C29H50O	000083-46-5	95
4		Stigmasterol, 22,23-dihydro-	414	C29H50O	1000214-20-7	92
5		Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	49



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
H4086

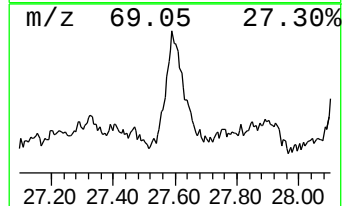
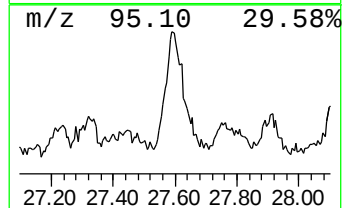
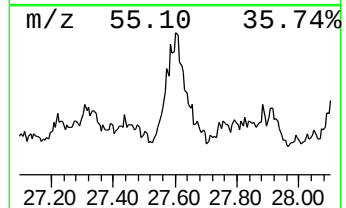
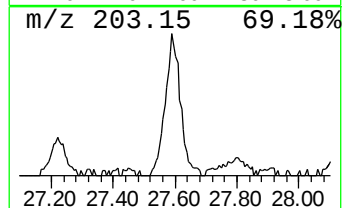
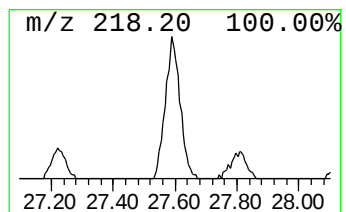
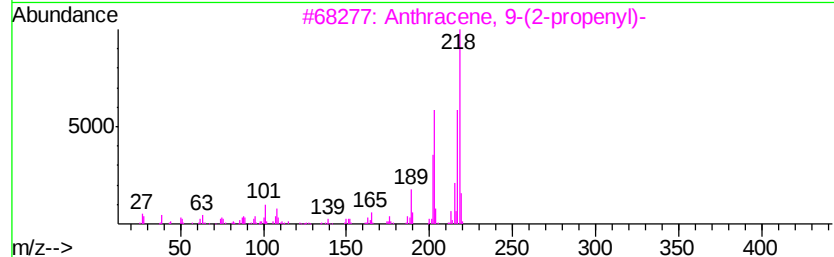
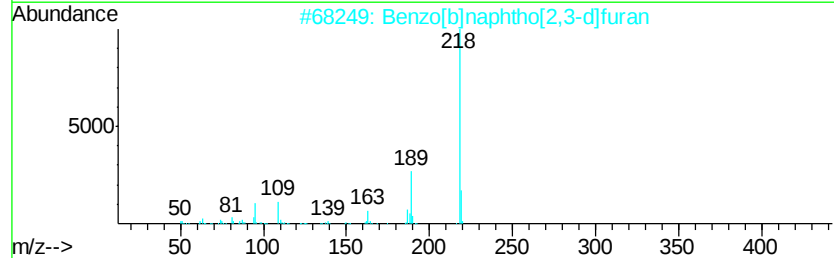
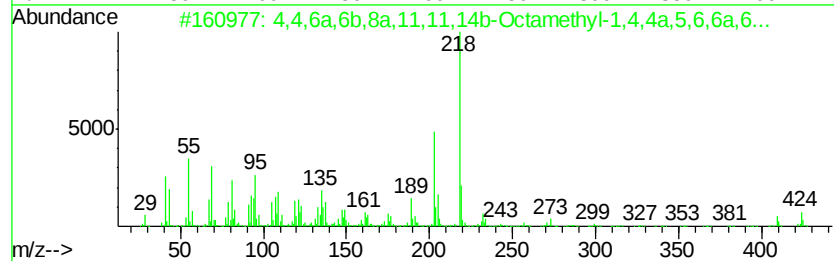
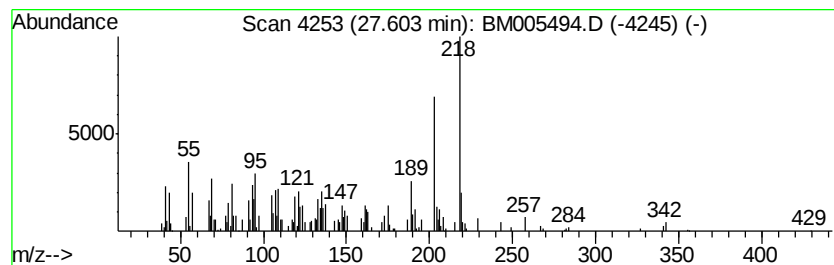
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 4,4,6a,6b,8a,11,11,14b-Octa... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.60	5.44 ng/ul	342593	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,4,6a,6b,8a,11,11,14b-Octamethy...	424	C30H48O	1000194-62-4	72
2		Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	60
3		Anthracene, 9-(2-propenyl)-	218	C17H14	023707-65-5	53
4		Pyrene, hexadecahydro-	218	C16H26	002435-85-0	49
5		Indeno[2,1-b]chromene,	218	C16H10O	000243-24-3	46



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005494.D
Acq On : 19 May 2016 06:00
Operator : UM/SJ
Sample : H2954-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
H4086

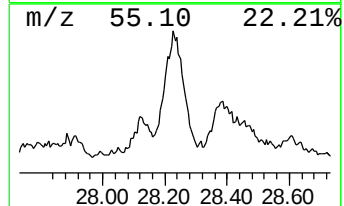
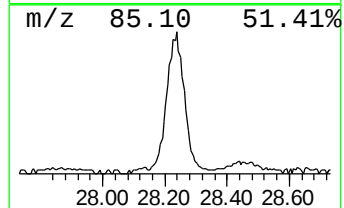
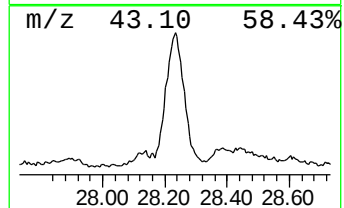
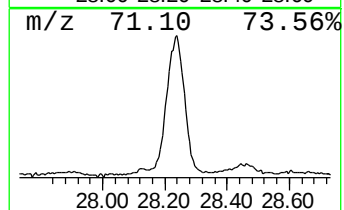
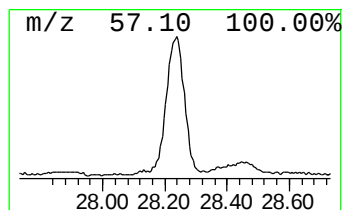
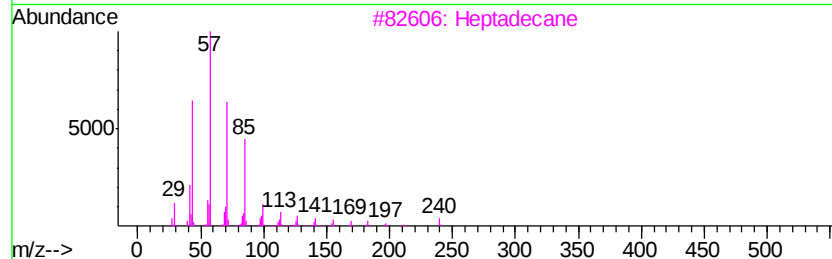
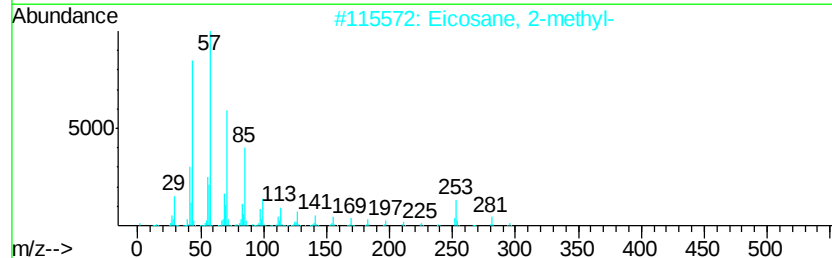
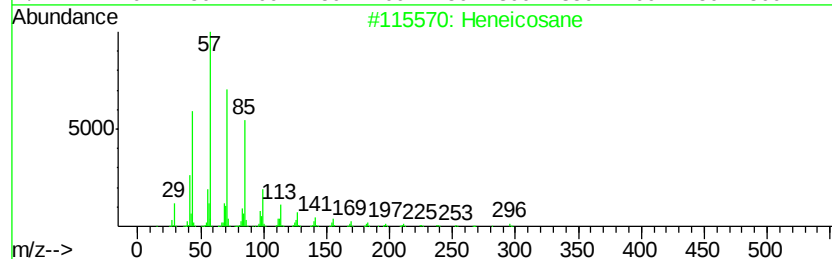
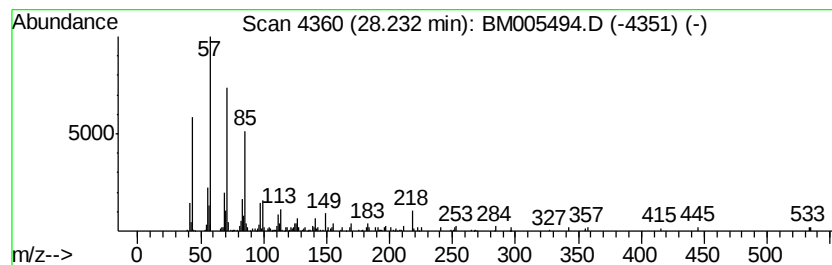
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.23	10.39 ng/ul	654366	Perylene-d12	23.66

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	94
2		Eicosane, 2-methyl-	296	C21H44	001560-84-5	91
3		Heptadecane	240	C17H36	000629-78-7	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Tetratetracontane	619	C44H90	007098-22-8	87



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005494.D
 Acq On : 19 May 2016 06:00
 Operator : UM/SJ
 Sample : H2954-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 H4086

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.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
Naphthalene, 1,2,...	14.74	5.3	ng/ul	104319	3	14.46	390283	20.0
Naphthalene, 1,2,...	14.79	2.3	ng/ul	44254	3	14.46	390283	20.0
n-Hexadecanoic acid	18.10	2.4	ng/ul	70915	4	17.20	585534	20.0
unknown-01	20.49	3.6	ng/ul	197727	5	21.37	1087590	20.0
unknown-02	20.53	7.1	ng/ul	384527	5	21.37	1087590	20.0
2-Propen-1-one, 1...	20.90	3.1	ng/ul	169501	5	21.37	1087590	20.0
1H-Pyrrole-2,5-di...	20.97	3.2	ng/ul	173664	5	21.37	1087590	20.0
(DEL) Alkane: Str...	21.10	4.6	ng/ul	252576	5	21.37	1087590	20.0
4H-1-Benzopyran-4...	21.28	5.3	ng/ul	286383	5	21.37	1087590	20.0
(DEL) Alkane: Str...	21.98	11.9	ng/ul	644321	5	21.37	1087590	20.0
(DEL) Alkane: Str...	22.45	2.7	ng/ul	147633	5	21.37	1087590	20.0
(DEL) Alkane: Str...	22.98	37.7	ng/ul	2376410	6	23.66	1260130	20.0
1-Hexadecanol	23.02	3.3	ng/ul	206902	6	23.66	1260130	20.0
(DEL) Alkane: Str...	24.23	13.5	ng/ul	853076	6	23.66	1260130	20.0
unknown-03	24.31	20.3	ng/ul	1279830	6	23.66	1260130	20.0
(DEL) Alkane: Str...	25.91	13.5	ng/ul	851427	6	23.66	1260130	20.0
1-Hexadecanesulfo...	26.04	2.9	ng/ul	182349	6	23.66	1260130	20.0
.gamma.-Sitosterol	26.81	7.3	ng/ul	457295	6	23.66	1260130	20.0
4,4,6a,6b,8a,11,1...	27.60	5.4	ng/ul	342593	6	23.66	1260130	20.0
(DEL) Alkane: Str...	28.23	10.4	ng/ul	654366	6	23.66	1260130	20.0