

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090045.D
 Acq On : 9 Sep 2016 1:02
 Operator : UM/SJ
 Sample : H4688-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-UST16

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % 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_F\METHODS\8270-BF083116.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.724	10	12	26	rBV	3596499	8603328	100.00%	12.709%
2	1.907	26	28	33	rVV	275549	473355	5.50%	0.699%
3	1.975	33	34	51	rVB	198137	569311	6.62%	0.841%
4	2.673	93	95	108	rBV	33518	147588	1.72%	0.218%
5	4.719	272	274	285	rBV	775770	1284565	14.93%	1.898%
6	5.176	311	314	316	rBV	3920541	4525898	52.61%	6.686%
7	6.250	405	408	415	rBV	3687811	4631958	53.84%	6.843%
8	6.364	415	418	421	rVV	3931697	4504777	52.36%	6.655%
9	6.593	436	438	441	rBV	679871	964631	11.21%	1.425%
10	6.753	450	452	455	rBV	3263261	3289930	38.24%	4.860%
11	7.165	485	488	491	rBV	2007572	2961278	34.42%	4.375%
12	7.290	497	499	507	rVB	55141	97545	1.13%	0.144%
13	7.885	549	551	553	rBV	1500772	1305298	15.17%	1.928%
14	8.970	643	646	648	rBV	4016894	4713579	54.79%	6.963%
15	9.370	678	681	683	rBV	1632011	2181945	25.36%	3.223%
16	9.519	692	694	695	rBV2	67199	95672	1.11%	0.141%
17	9.588	699	700	701	rBV	177997	152031	1.77%	0.225%
18	9.633	701	704	706	rVV	1501990	1569999	18.25%	2.319%
19	9.702	708	710	711	rBV	93866	117353	1.36%	0.173%
20	9.828	717	721	722	rBV3	196420	472825	5.50%	0.698%
21	9.851	722	723	726	rVV2	207570	264856	3.08%	0.391%
22	9.908	726	728	730	rBV	408331	458119	5.32%	0.677%
23	9.965	730	733	735	rBV3	181909	437614	5.09%	0.646%
24	10.011	735	737	738	rBV2	250069	440927	5.13%	0.651%
25	10.091	741	744	746	rBV	624860	1035947	12.04%	1.530%
26	10.205	751	754	756	rBV3	405977	874599	10.17%	1.292%
27	10.308	761	763	766	rBV	1642941	2650659	30.81%	3.916%
28	10.365	766	768	769	rBV	278833	459441	5.34%	0.679%
29	10.422	770	773	775	rVV	1840308	2285389	26.56%	3.376%
30	10.582	784	787	789	rBV	3739908	4929519	57.30%	7.282%
31	10.765	801	803	804	rBV2	923061	1330401	15.46%	1.965%
32	11.051	826	828	831	rVB	2340851	3414725	39.69%	5.044%
33	12.719	972	974	979	rVB	1132755	1434365	16.67%	2.119%
34	14.640	1140	1142	1155	rVB	490725	1323481	15.38%	1.955%

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS-UST16

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.822	1156	1158	1167	rVB	529331	1043105	12.12%	1.541%
36	15.062	1177	1179	1188	rVB	664268	1091037	12.68%	1.612%
37	15.291	1196	1199	1209	rVB	537271	1010788	11.75%	1.493%
38	15.520	1217	1219	1223	rVB	194576	325230	3.78%	0.480%
39	16.137	1270	1273	1282	rVB	95185	220533	2.56%	0.326%

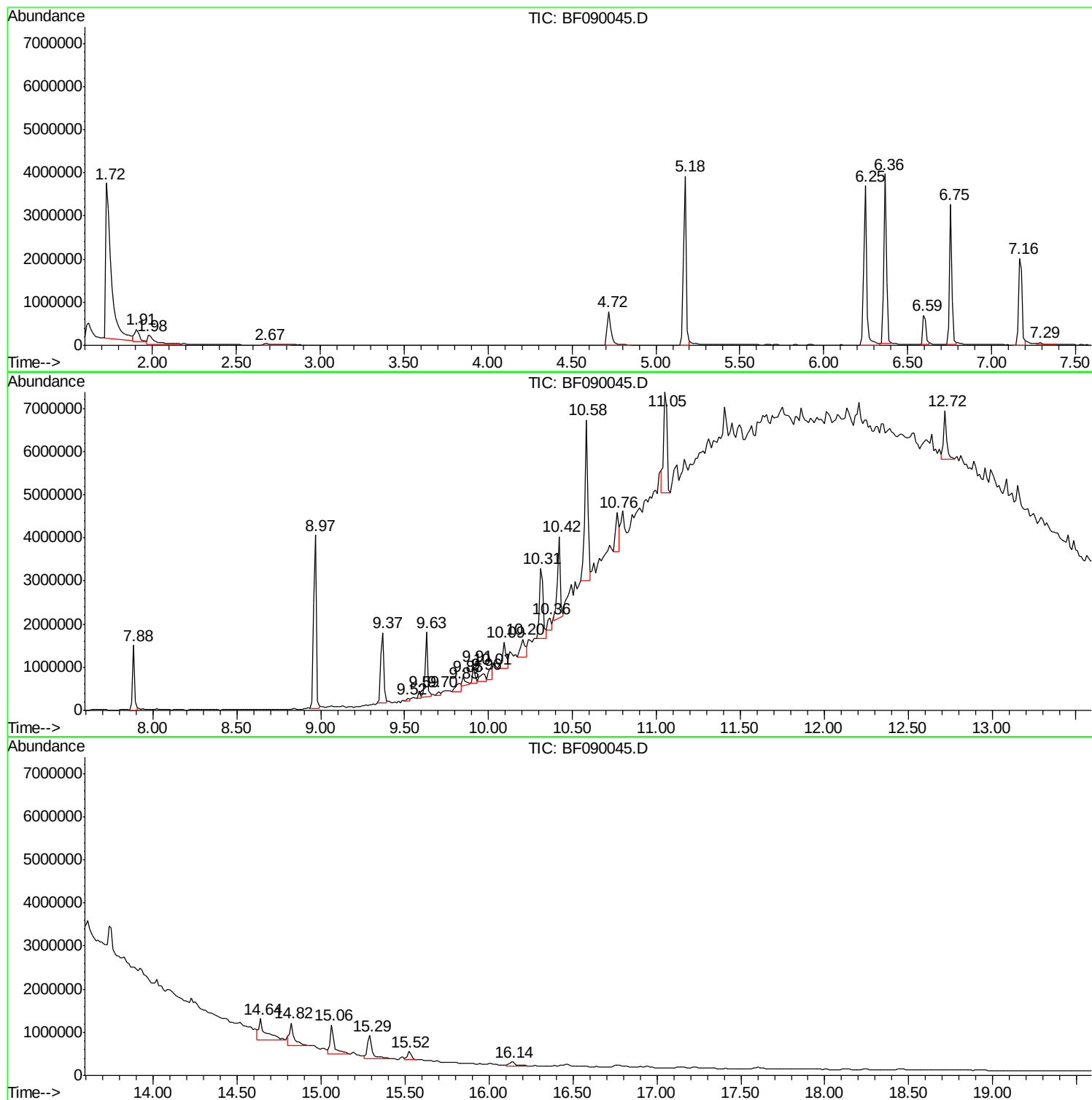
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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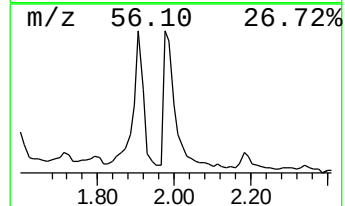
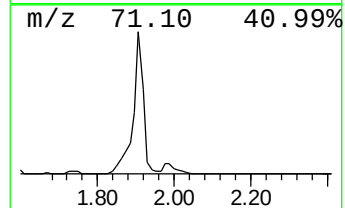
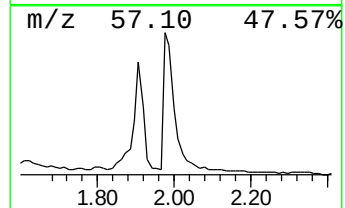
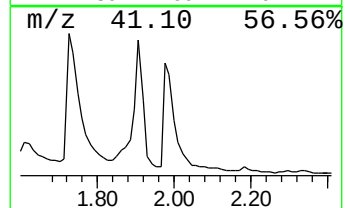
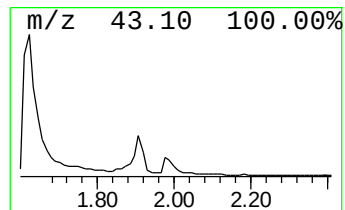
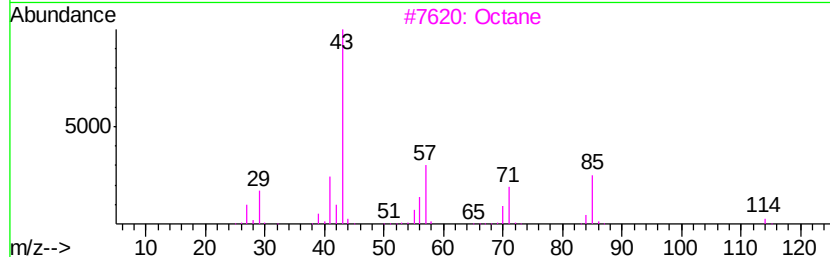
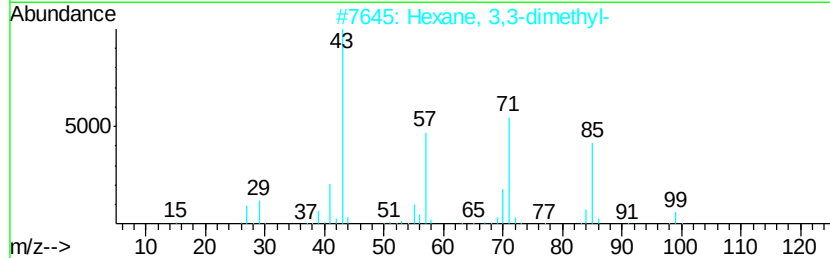
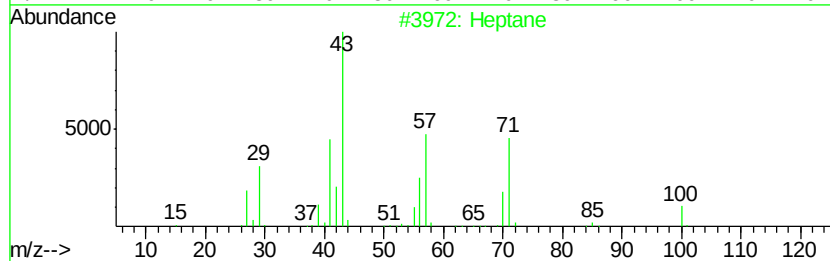
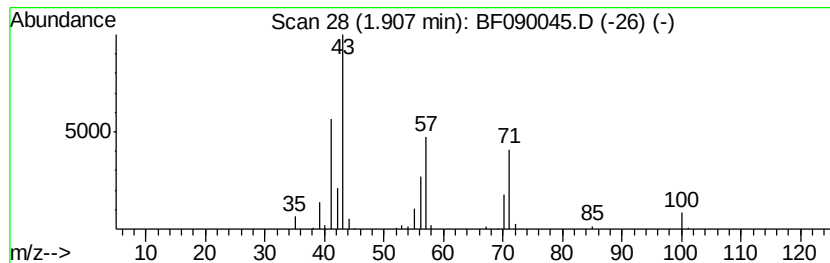
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.91	9.81 ng	473355	1,4-Dichlorobenzene-d4	6.60

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane		100	C7H16	000142-82-5	91
2	Hexane, 3,3-dimethyl-		114	C8H18	000563-16-6	50
3	Octane		114	C8H18	000111-65-9	45
4	Hexane, 3-methyl-		100	C7H16	000589-34-4	45
5	Hexane, 2,3-dimethyl-		114	C8H18	000584-94-1	42



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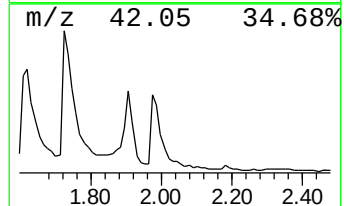
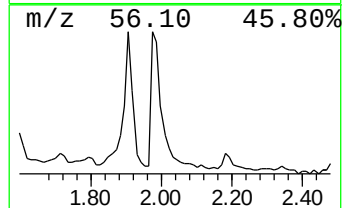
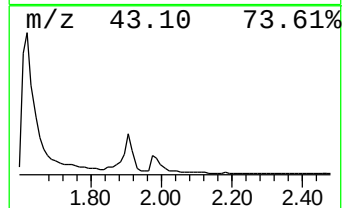
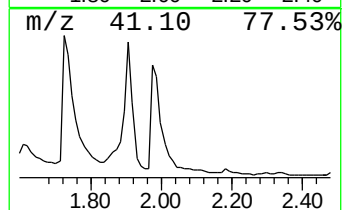
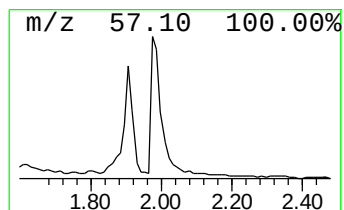
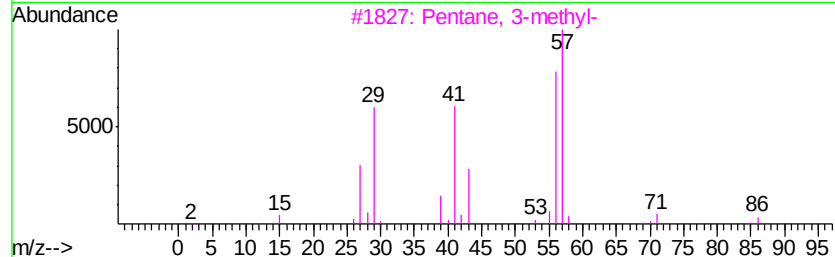
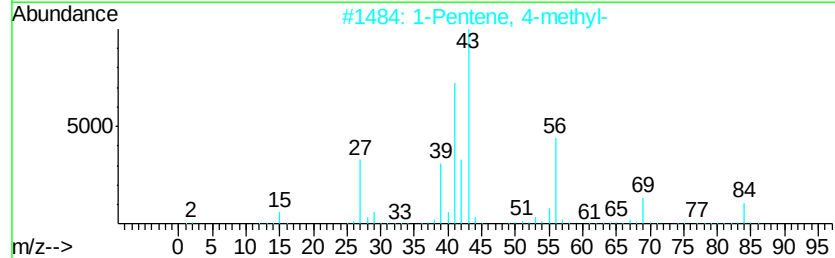
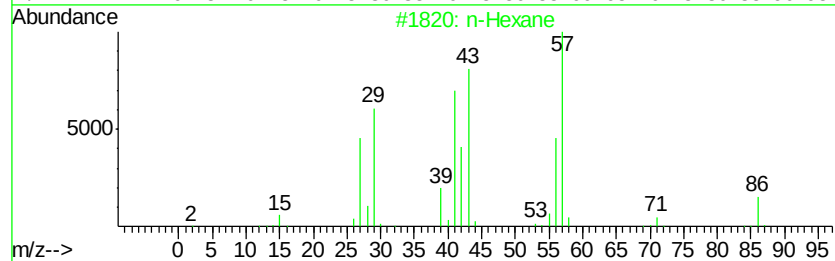
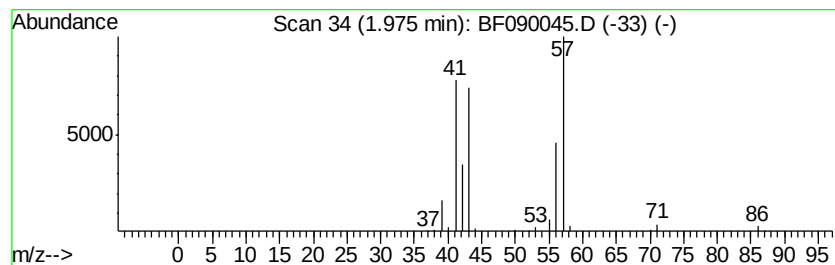
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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Peak Number 3 n-Hexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.98	11.80 ng	569311	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexane	86	C6H14	000110-54-3	74
2		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	45
3		Pentane, 3-methyl-	86	C6H14	000096-14-0	43
4		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	42
5		Methane, isocyanato-	57	C2H3NO	000624-83-9	32



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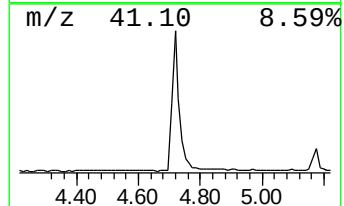
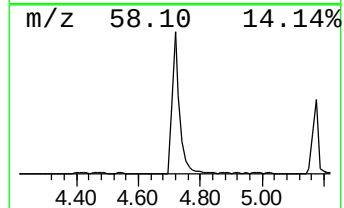
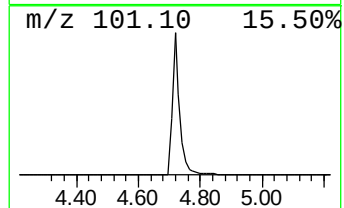
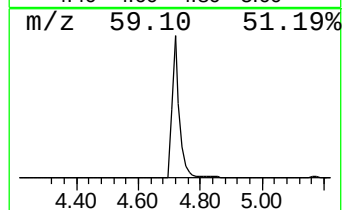
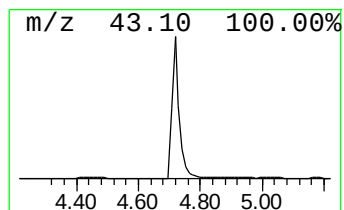
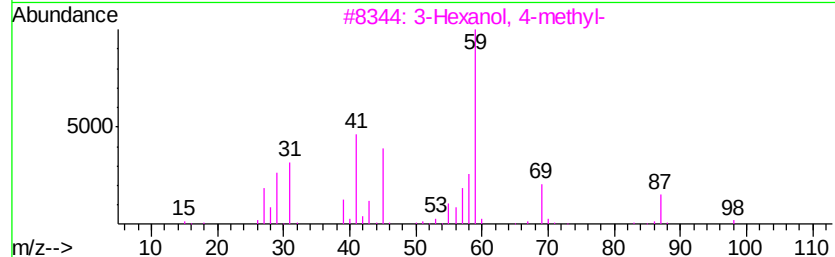
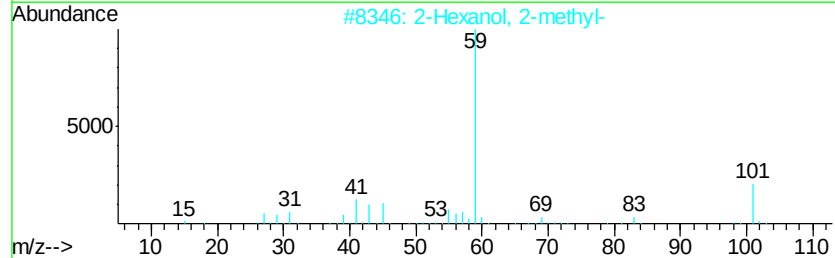
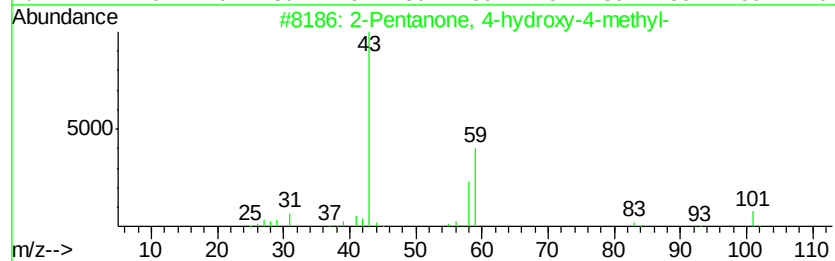
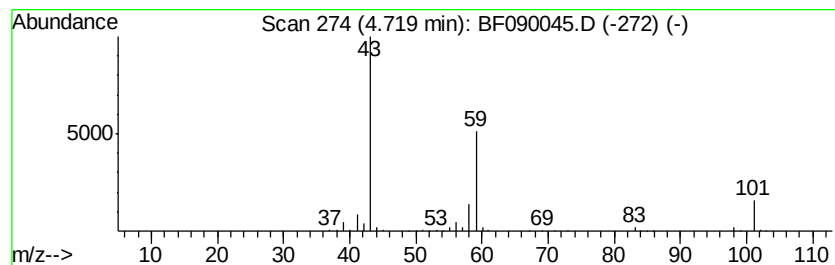
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	26.63 ng	1284570	1,4-Dichlorobenzene-d4	6.60

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10



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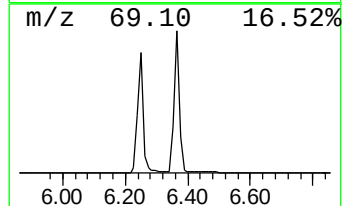
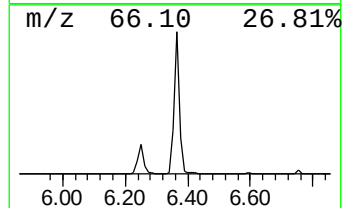
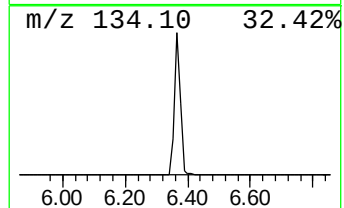
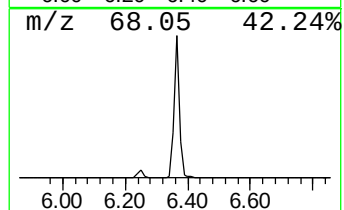
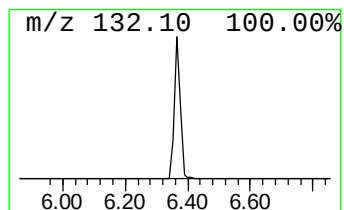
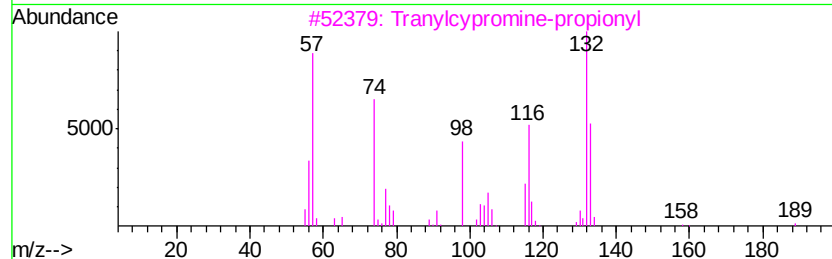
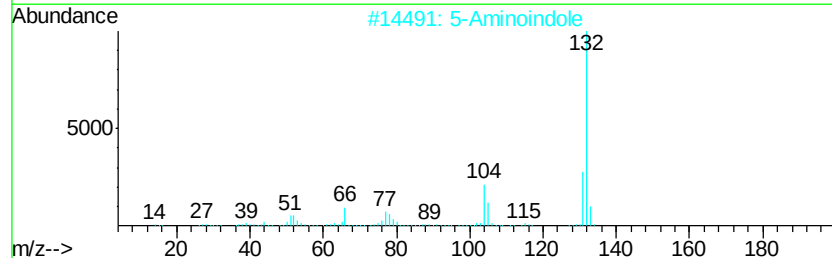
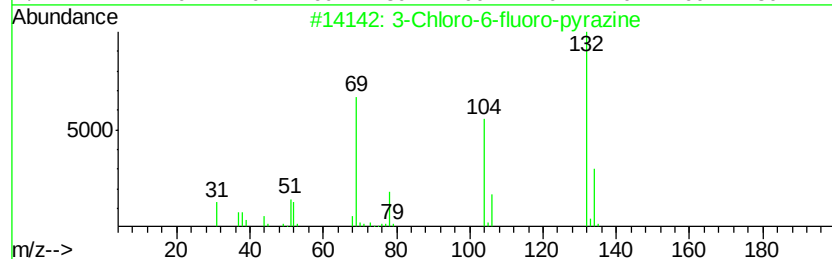
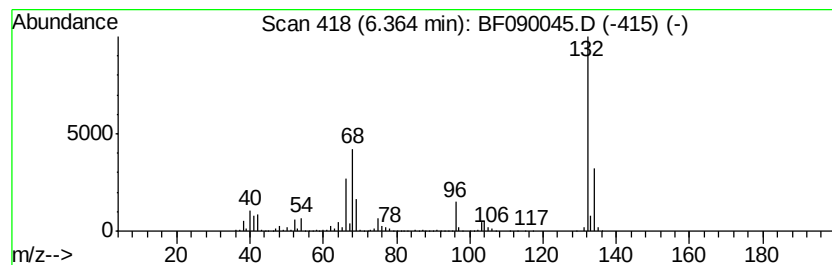
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TIC Library : C:\Database\NIST11.L
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Peak Number 5 unknown6.36 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	93.40 ng	4504780	1,4-Dichlorobenzene-d4	6.60

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9	



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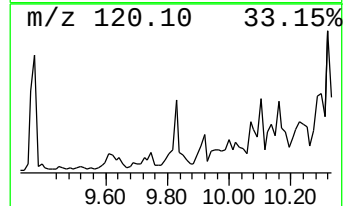
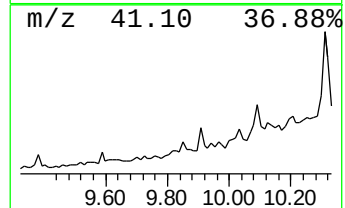
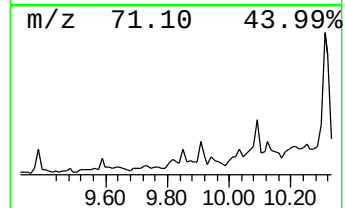
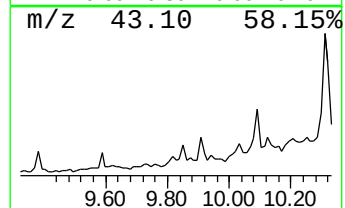
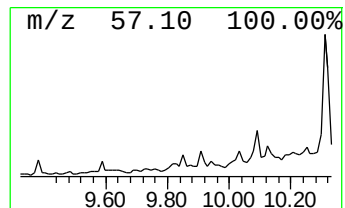
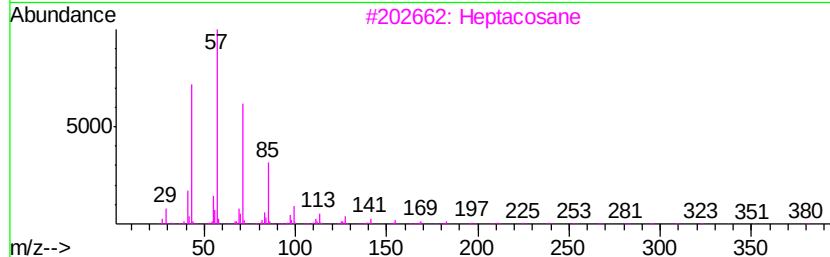
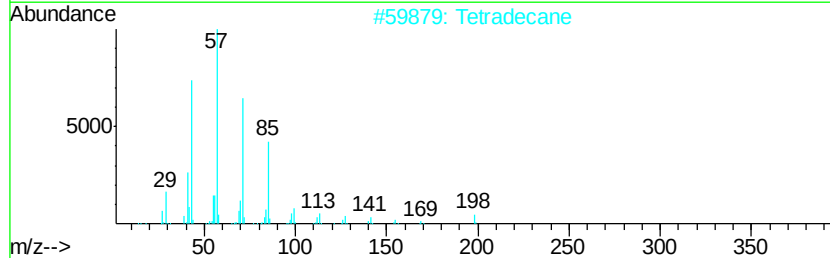
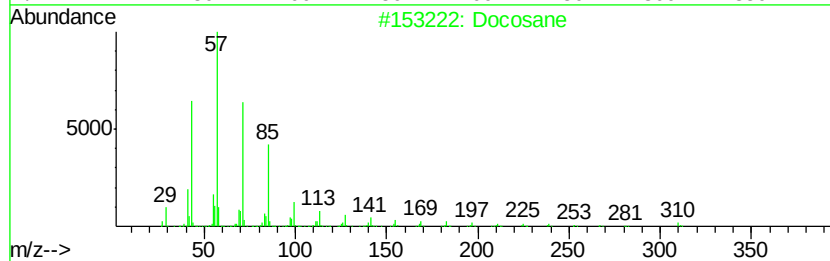
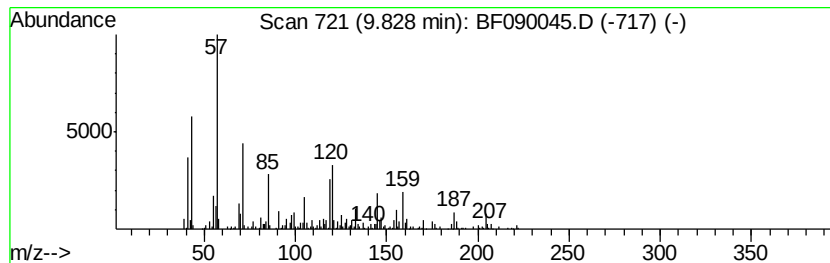
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Peak Number 7 unknown9.83 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.83	6.02 ng	472825	Acenaphthene-d10	9.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	30
2	Tetradecane	198	C14H30	000629-59-4	30
3	Heptacosane	380	C27H56	000593-49-7	30
4	Dodecane	170	C12H26	000112-40-3	30
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	30



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Misc :
ALS Vial : 24 Sample Multiplier: 1

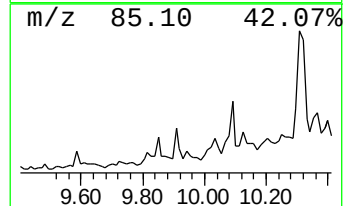
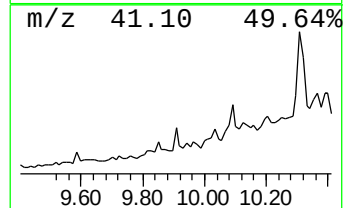
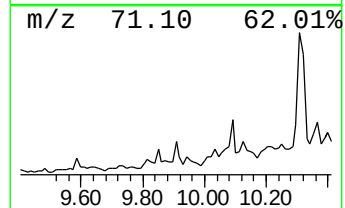
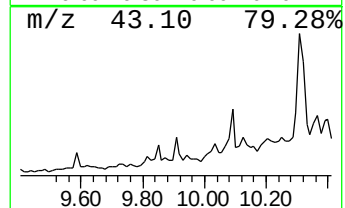
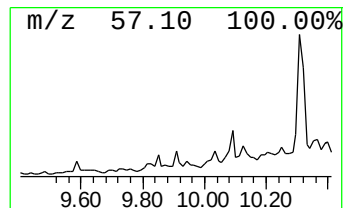
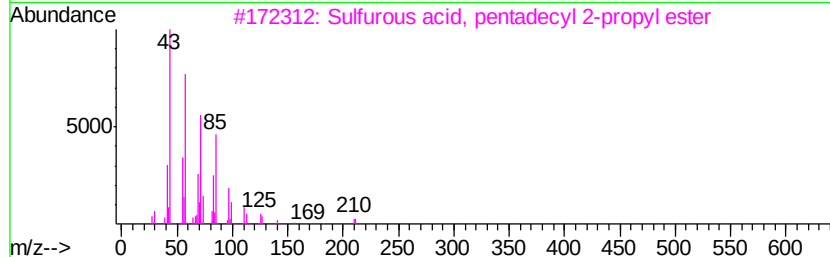
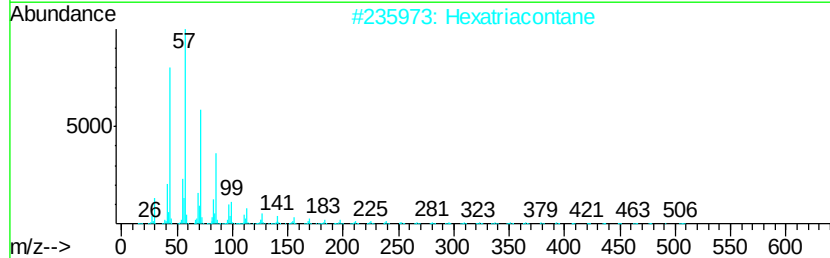
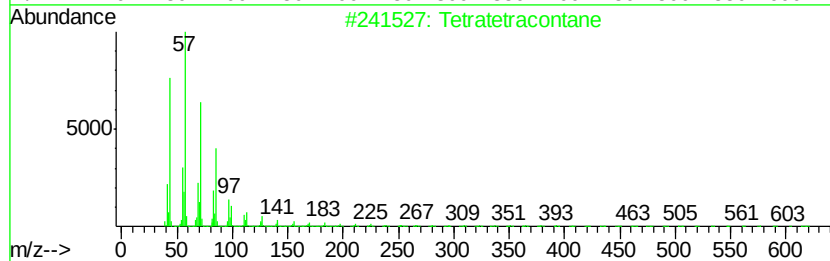
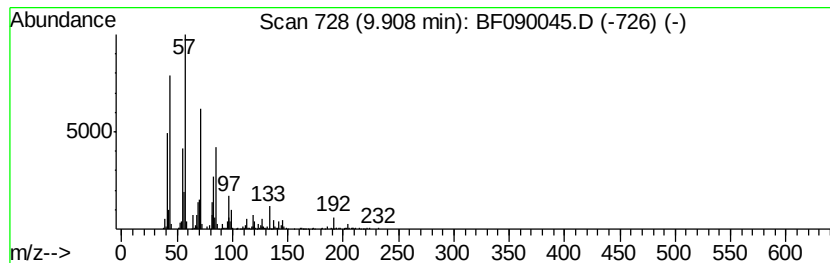
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BNA_F
ClientSampleId :
SS-UST16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Tetratetracontane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.91	5.84 ng	458119	Acenaphthene-d10	9.63	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	72
2	Hexatriacontane	507	C36H74	000630-06-8	72
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	72
4	Octacosane	394	C28H58	000630-02-4	64
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090045.D
Acq On : 9 Sep 2016 1:02
Operator : UM/SJ
Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

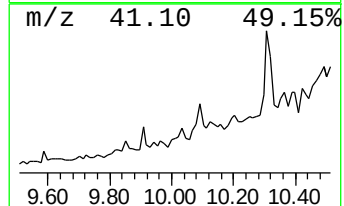
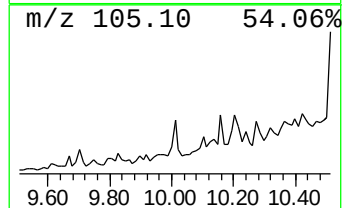
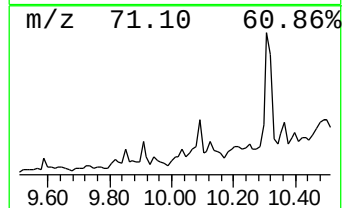
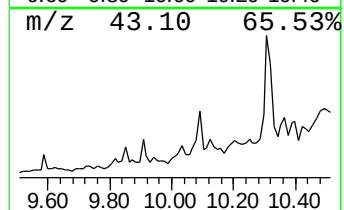
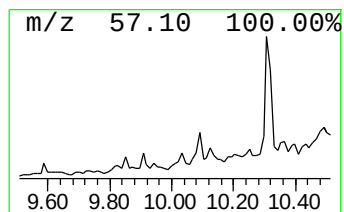
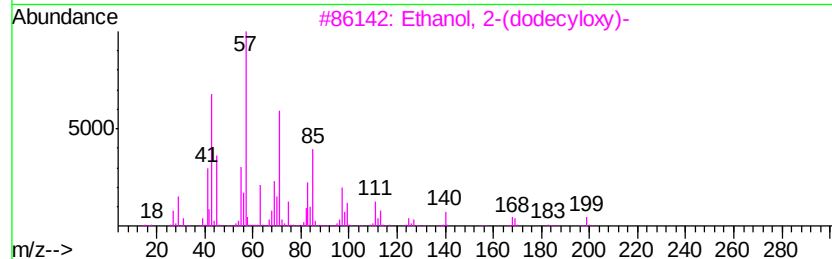
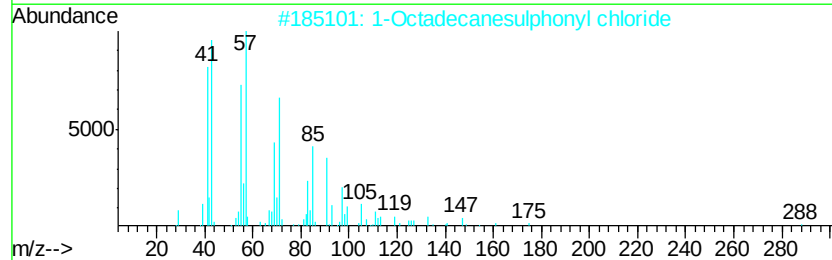
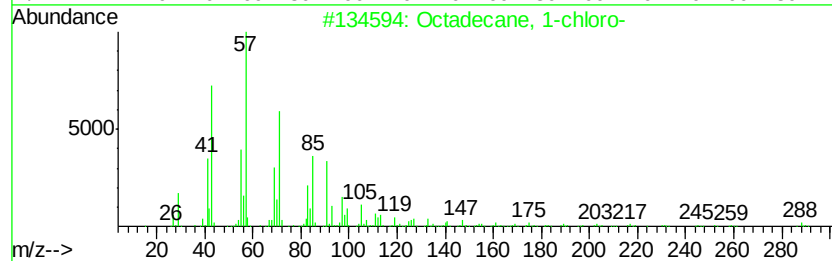
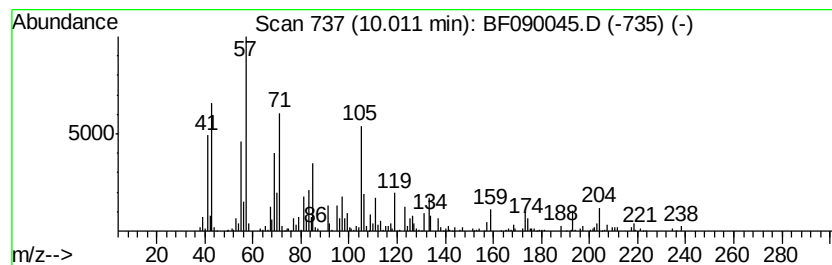
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.01 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.01	5.62 ng	440927	Acenaphthene-d10		9.63
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	30
2	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	30
3	Ethanol, 2-(dodecyloxy)-	230	C14H30O2	004536-30-5	25
4	Tetradecane	198	C14H30	000629-59-4	25
5	Nonane	128	C9H20	000111-84-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Acq On : 9 Sep 2016 1:02
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Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

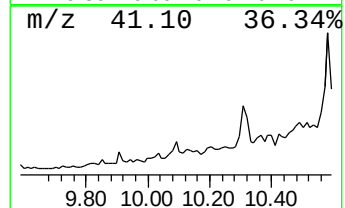
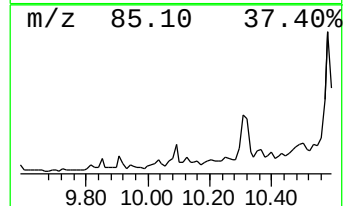
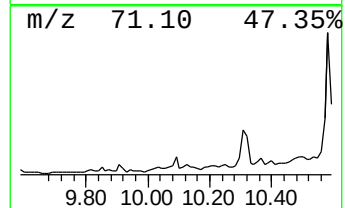
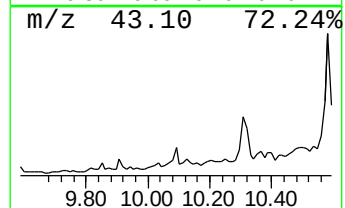
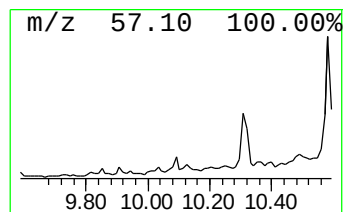
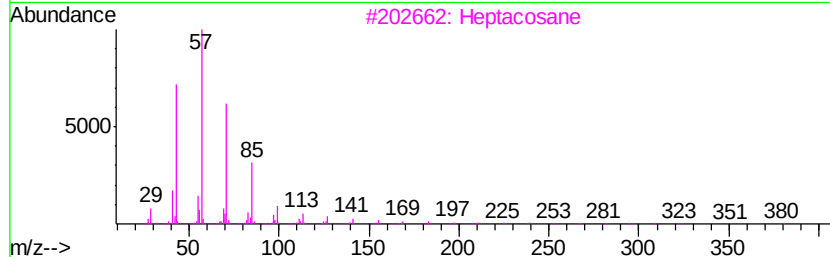
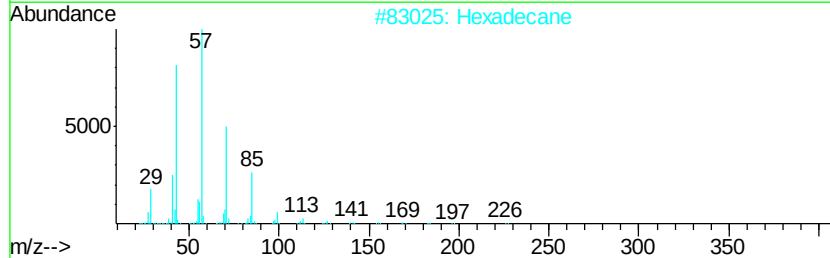
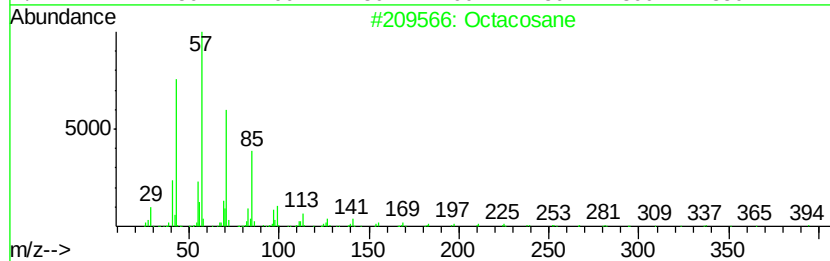
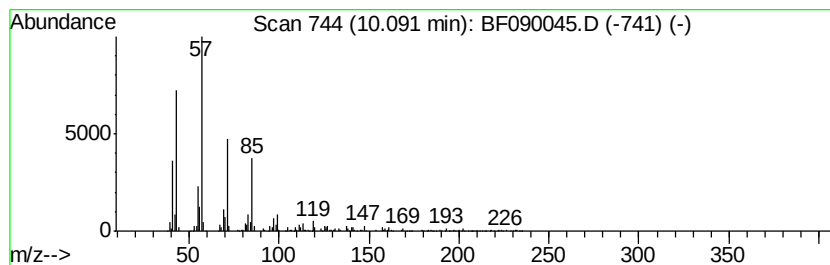
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Octacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	13.20 ng	1035950	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octacosane	394	C28H58	000630-02-4 91
2	Hexadecane	226	C16H34	000544-76-3 86
3	Heptacosane	380	C27H56	000593-49-7 83
4	10-Methylnonadecane	282	C20H42	056862-62-5 80
5	Hexacosane	366	C26H54	000630-01-3 80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

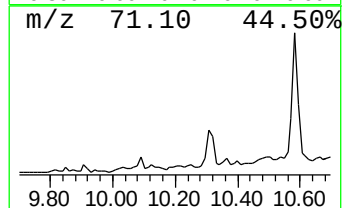
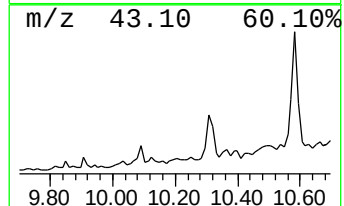
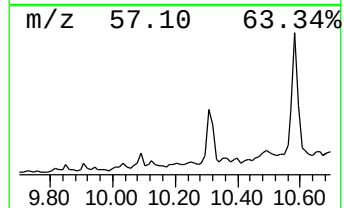
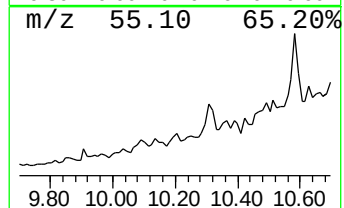
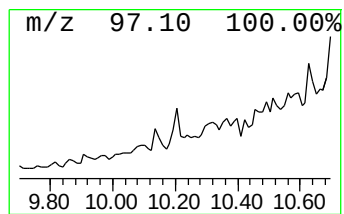
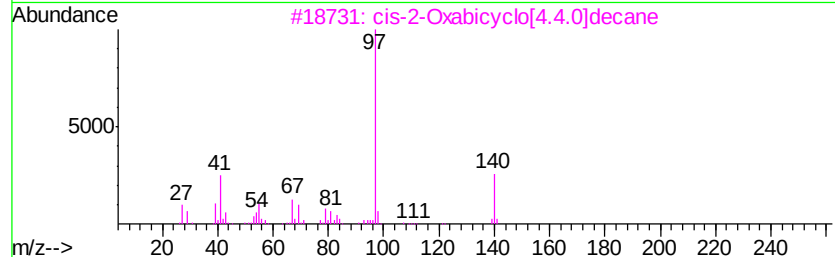
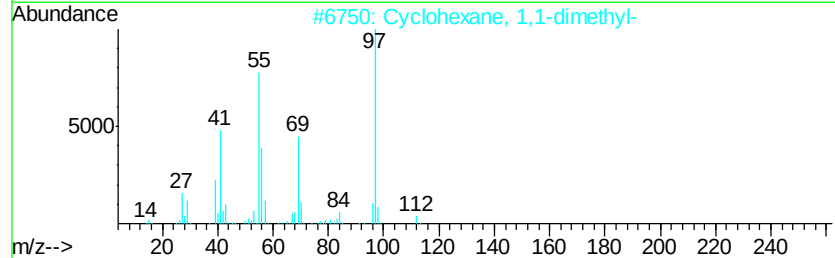
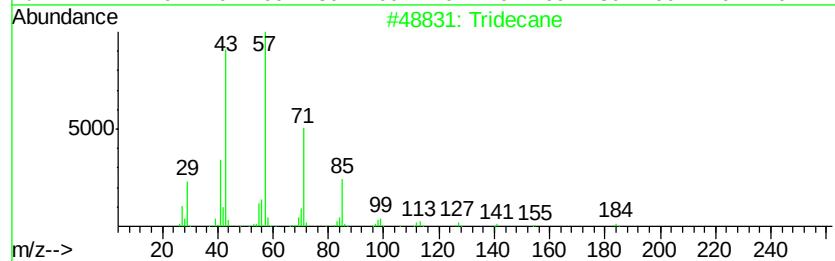
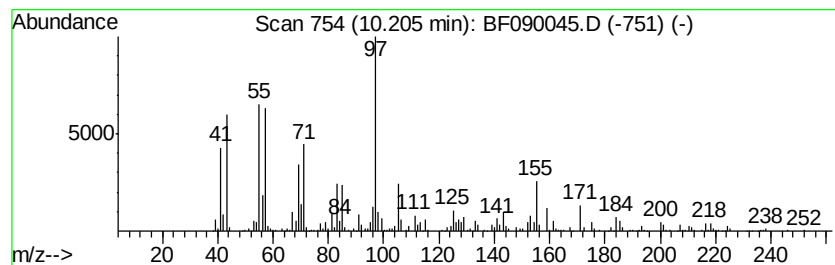
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 unknown10.20 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	11.14 ng	874599	Acenaphthene-d10	9.63
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tridecane	184 C13H28	000629-50-5 43
2		Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9 42
3		cis-2-Oxabicyclo[4.4.0]decane	140 C9H16O	060416-19-5 30
4		Cyclohexane, 1-ethyl-2-methyl-, ...	126 C9H18	004923-77-7 30
5		3,5-Dimethyl-3-heptene	126 C9H18	059643-68-4 30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090045.D
Acq On : 9 Sep 2016 1:02
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Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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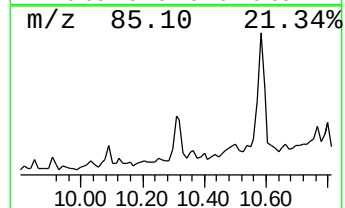
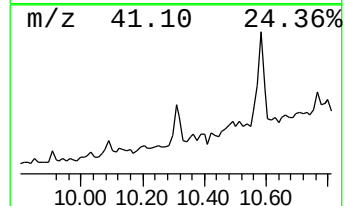
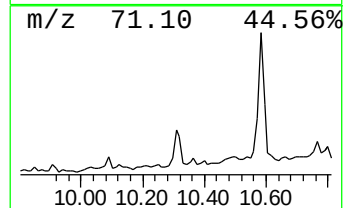
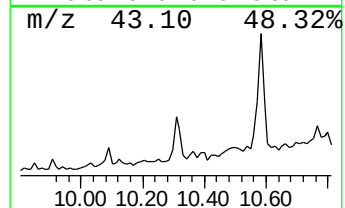
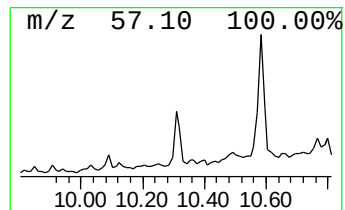
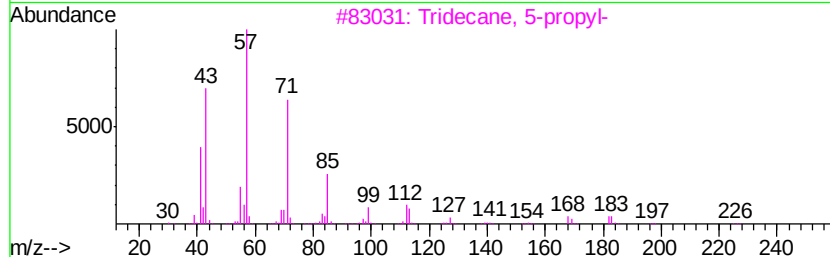
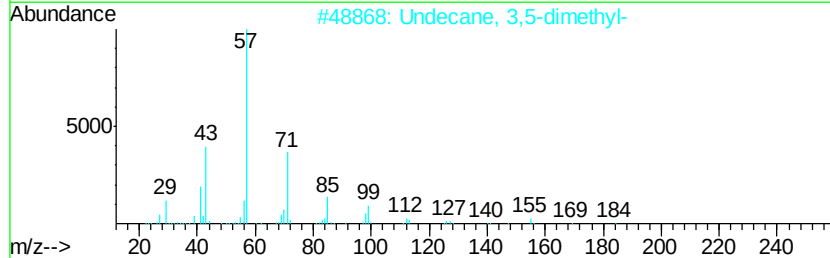
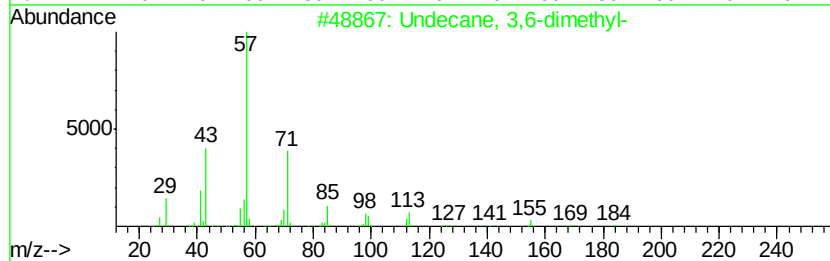
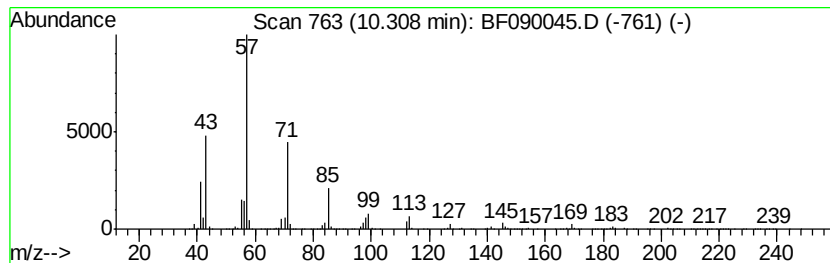
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Undecane, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	33.77 ng	2650660	Acenaphthene-d10	9.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	87
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
4		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	70
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Acq On : 9 Sep 2016 1:02
Operator : UM/SJ
Sample : H4688-02
Misc :
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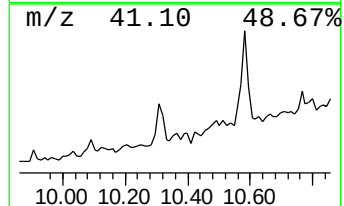
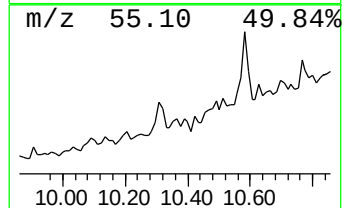
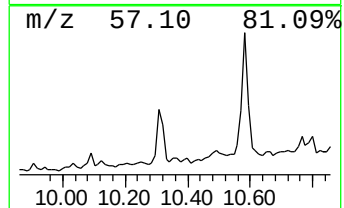
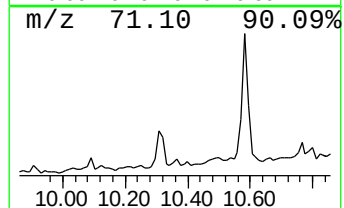
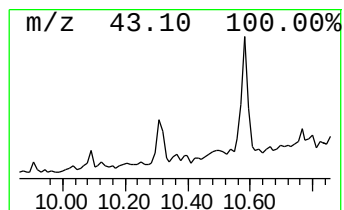
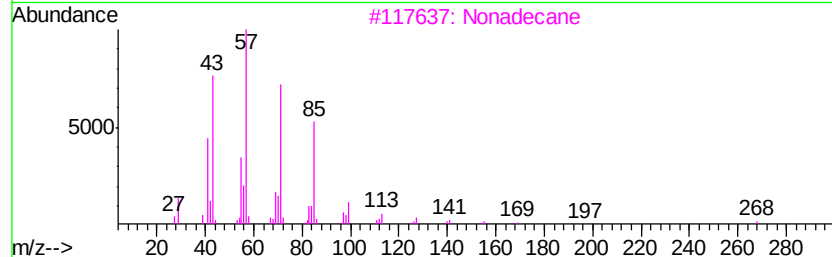
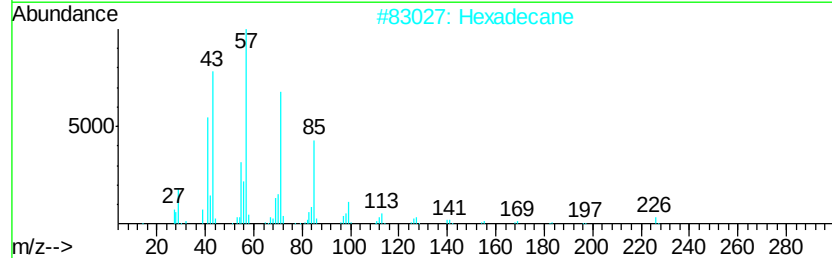
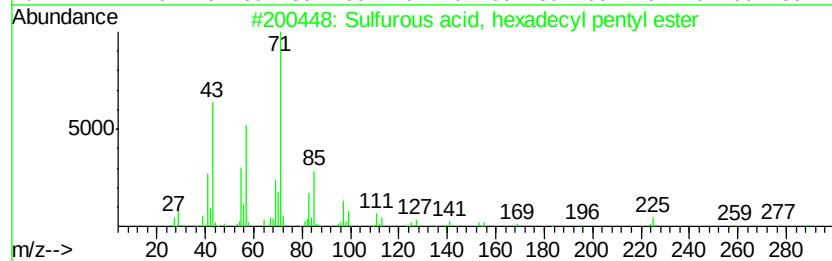
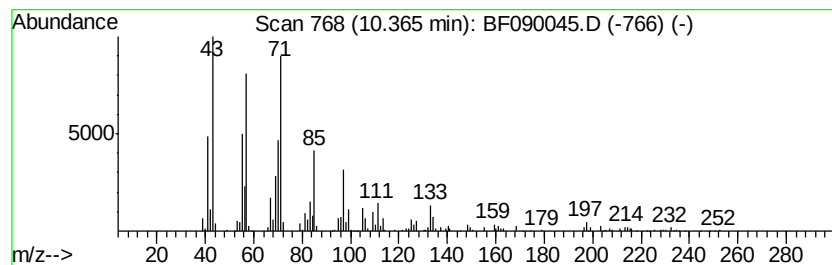
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown10.36 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.36	5.85 ng	459441	Acenaphthene-d10		9.63	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Sulfurous acid, hexadecyl pentyl...	376	C21H44O3S	1000309-14-9	47
2		Hexadecane	226	C16H34	000544-76-3	46
3		Nonadecane	268	C19H40	000629-92-5	46
4		1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	45
5		Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090045.D
Acq On : 9 Sep 2016 1:02
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Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

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ClientSampleId :
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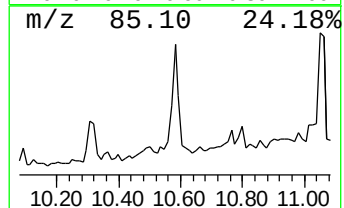
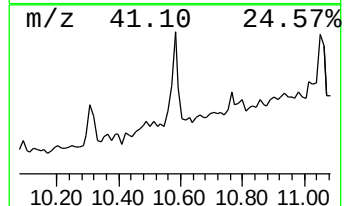
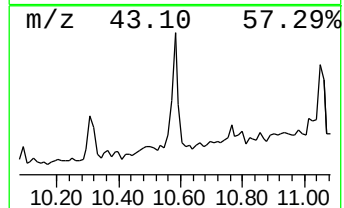
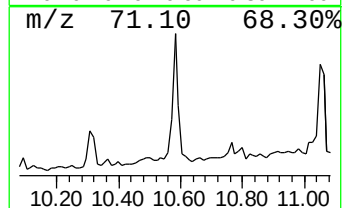
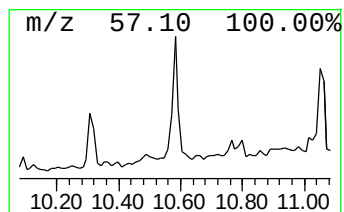
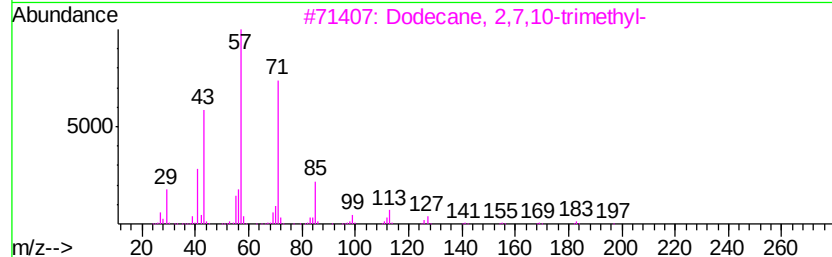
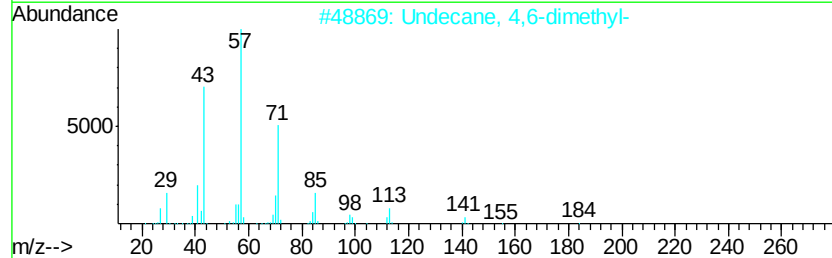
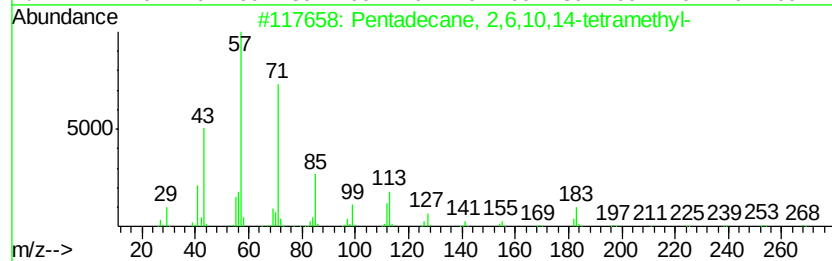
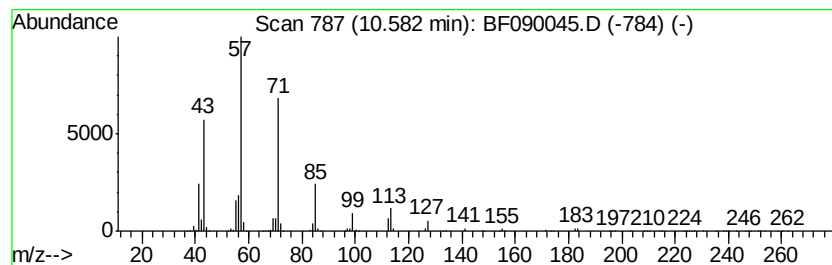
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Pentadecane, 2,6,10,14-tetr... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	28.87 ng	4929520	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	78
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
4		Decane, 5-propyl-	184	C13H28	017312-62-8	64
5		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Instrument :
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ClientSampleId :
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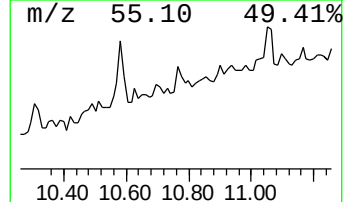
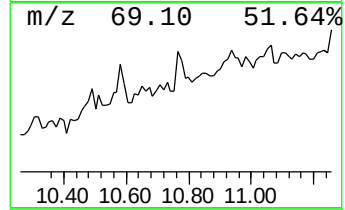
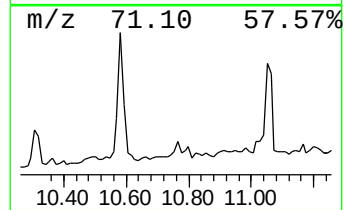
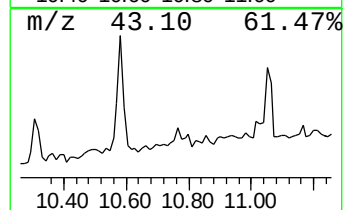
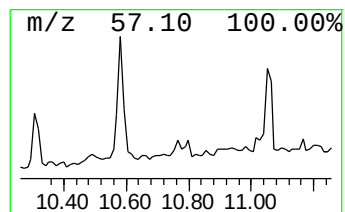
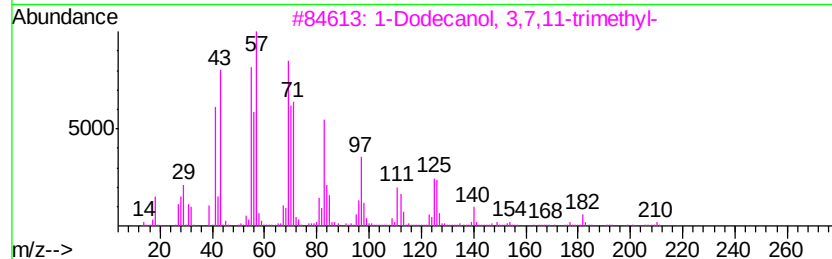
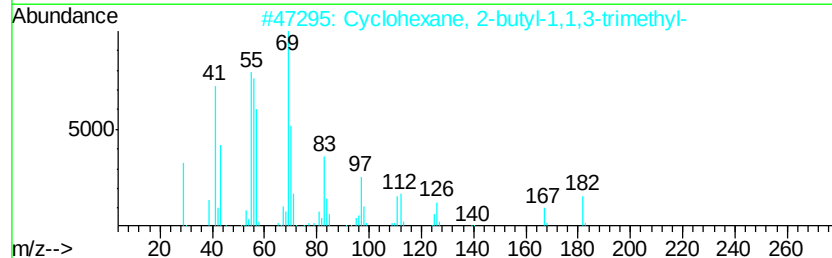
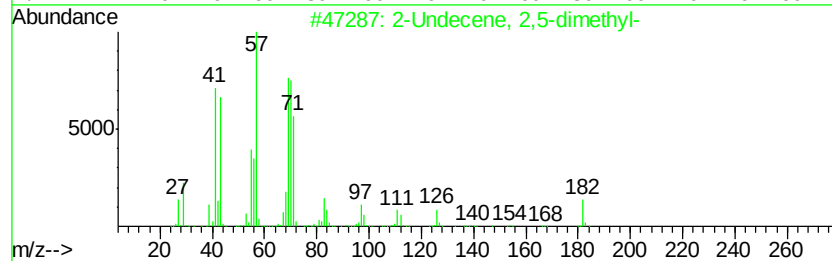
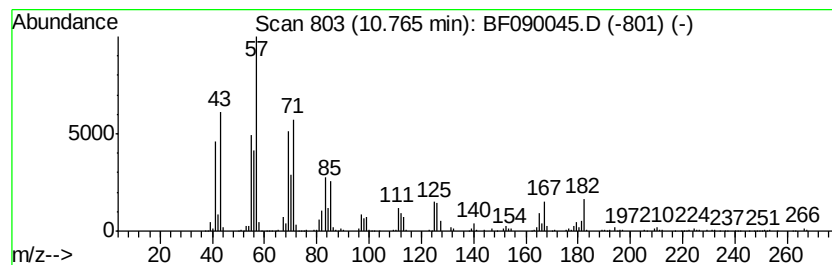
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 2-Undecene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	7.79 ng	1330400	Phenanthrene-d10	11.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	58
2			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	55
3			1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	43
4			Pentadecane, 4-methyl-	226	C16H34	002801-87-8	42
5			2-Methyl-Z-4-tetradecene	210	C15H30	1000130-78-3	41



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090045.D
Acq On : 9 Sep 2016 1:02
Operator : UM/SJ
Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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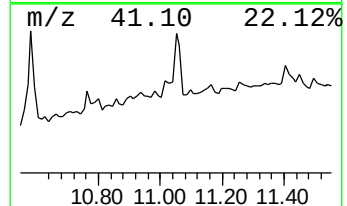
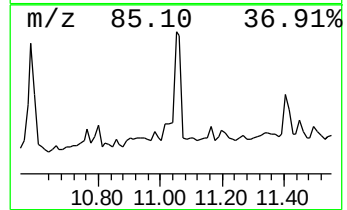
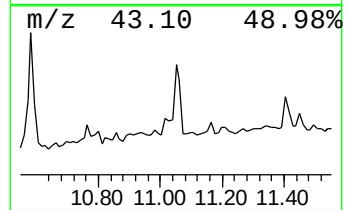
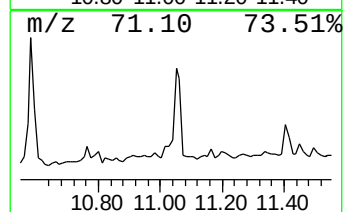
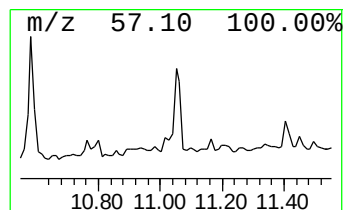
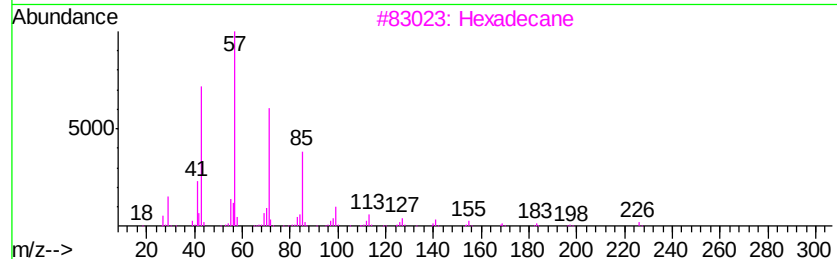
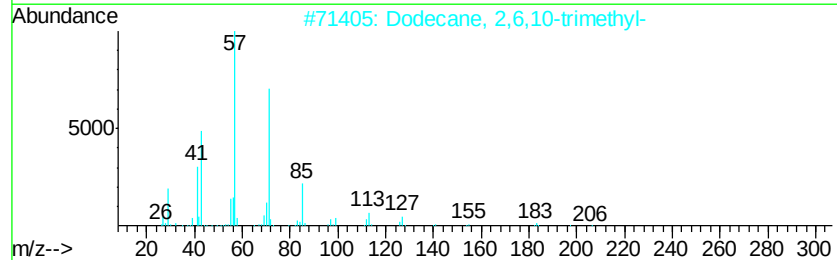
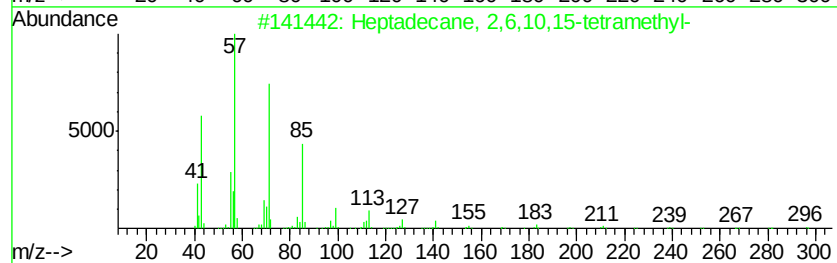
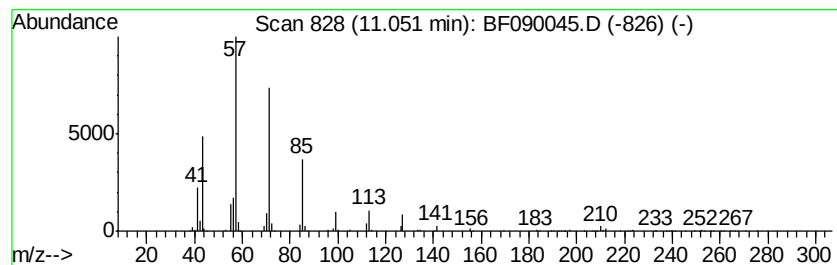
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.05	20.00 ng	3414730	Phenanthrene-d10	11.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	78
3		Hexadecane	226	C16H34	000544-76-3	78
4		Decane, 5-ethyl-5-methyl-	184	C13H28	017312-74-2	72
5		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Operator : UM/SJ
Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

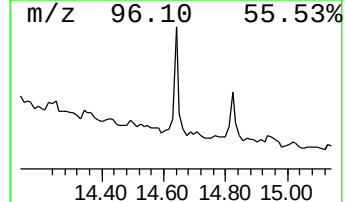
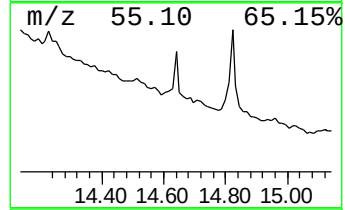
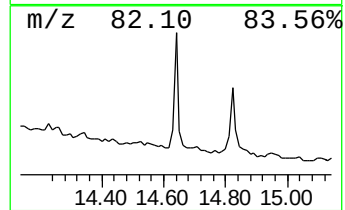
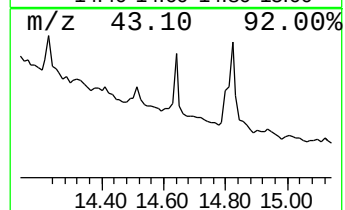
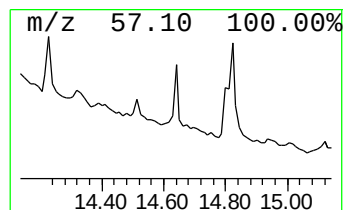
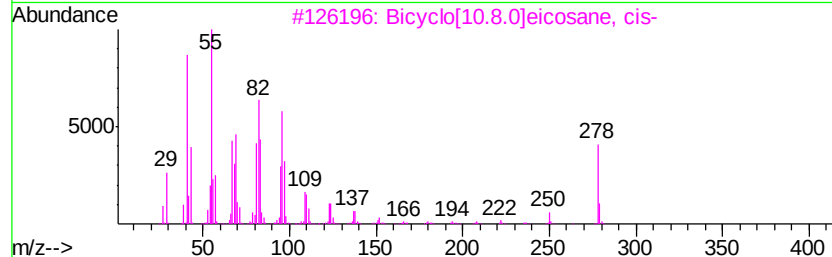
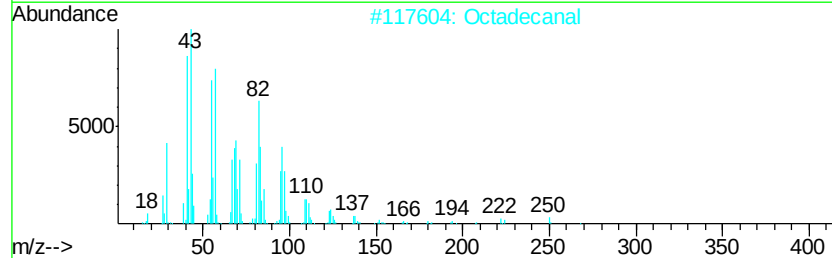
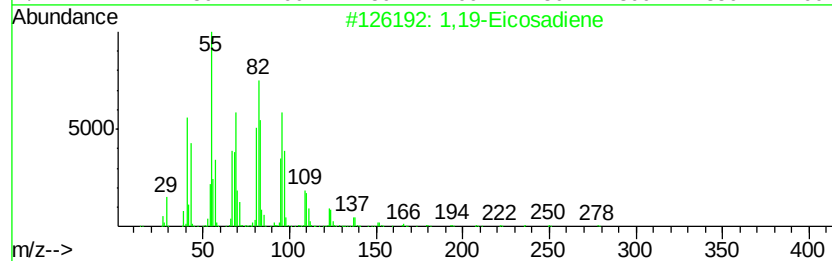
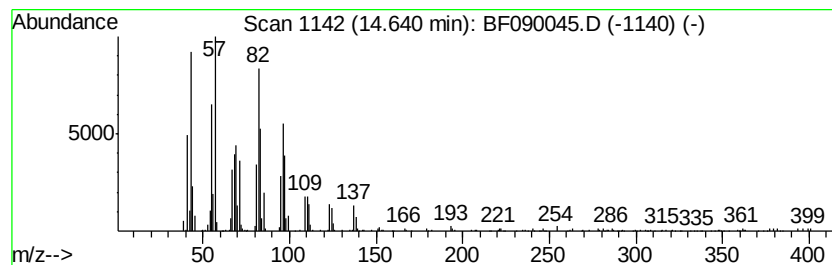
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 1,19-Eicosadiene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.64	24.26 ng	1323480	Perylene-d12	15.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	95
2	Octadecanal	268	C18H36O	000638-66-4	91
3	Bicyclo[10.8.0]eicosane, cis-	278	C20H38	1000155-82-2	91
4	17-Octadecenal	266	C18H34O	056554-86-0	91
5	Heptadecanal	254	C17H34O	1000376-70-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Acq On : 9 Sep 2016 1:02
Operator : UM/SJ
Sample : H4688-02
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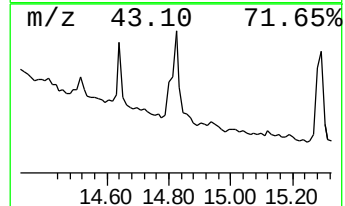
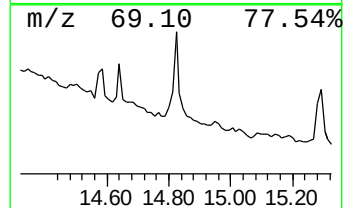
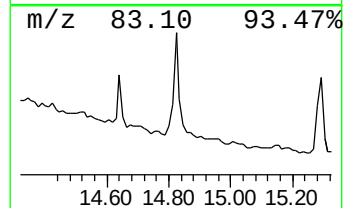
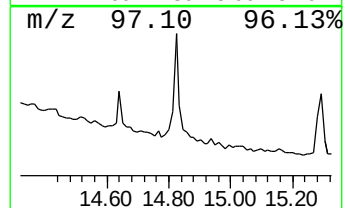
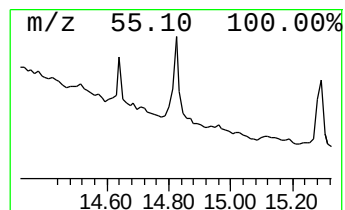
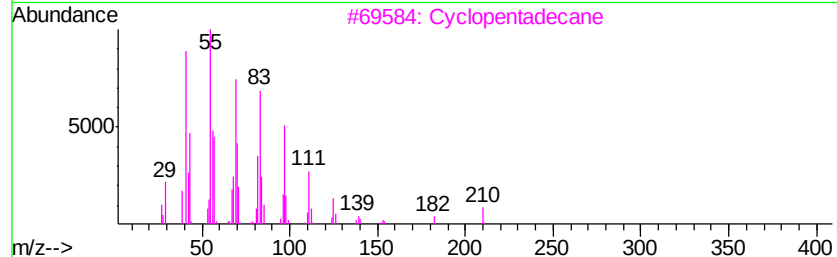
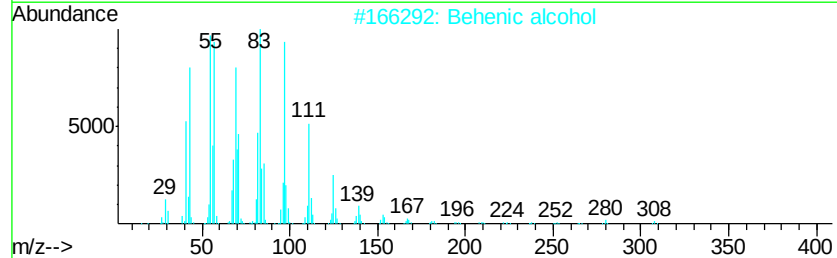
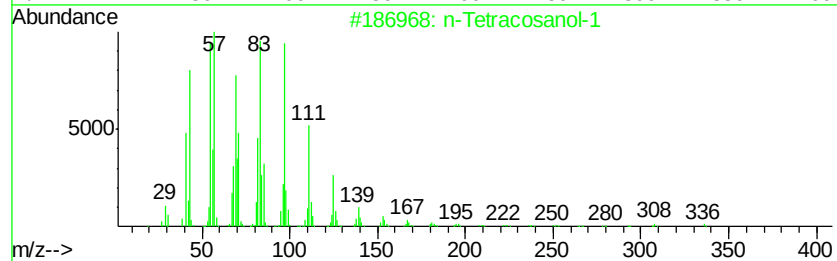
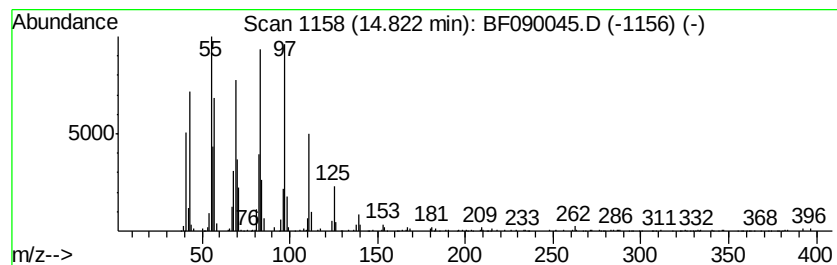
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 n-Tetracosanol-1 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.82	19.12 ng	1043110	Perylene-d12	15.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Behenic alcohol	326	C22H46O	000661-19-8	91
3	Cyclopentadecane	210	C15H30	000295-48-7	90
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5	Octacosanol	410	C28H58O	000557-61-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
Data File : BF090045.D
Acq On : 9 Sep 2016 1:02
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Sample : H4688-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

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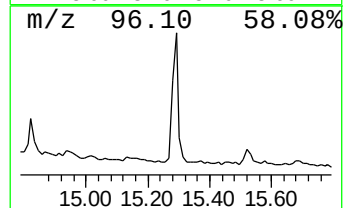
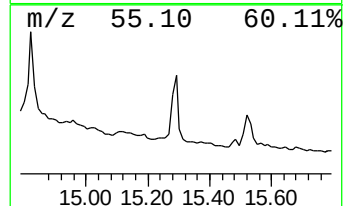
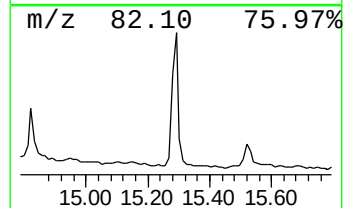
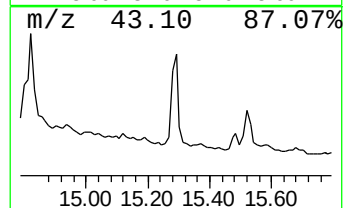
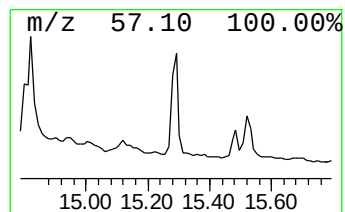
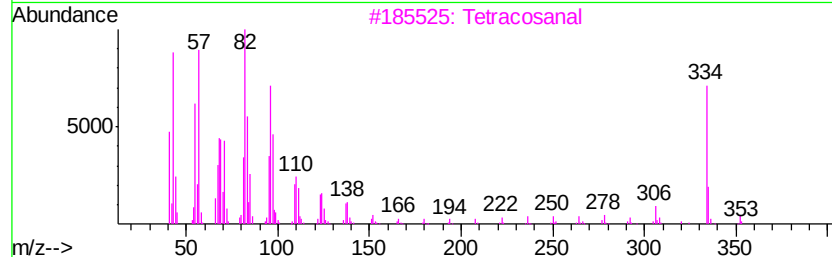
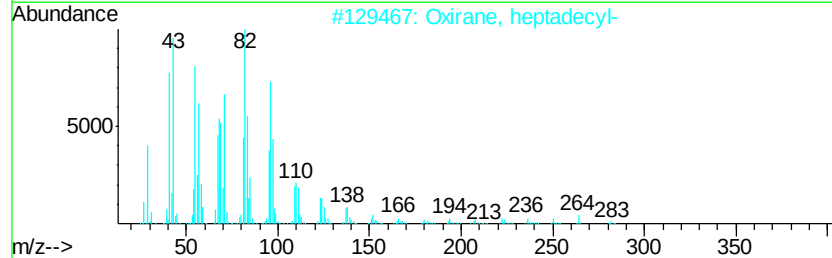
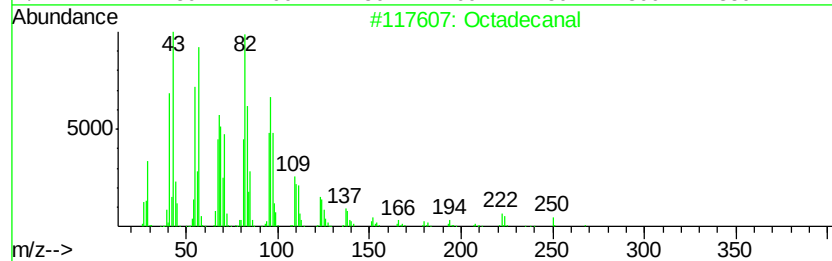
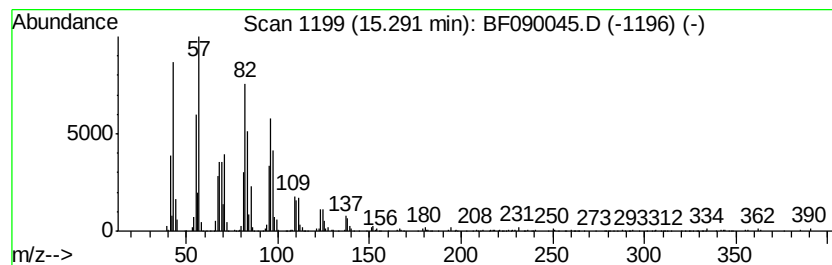
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Octadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.29	18.53 ng	1010790	Perylene-d12	15.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanal	268	C18H36O	000638-66-4	91
2		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3		Tetracosanal	352	C24H48O	057866-08-7	91
4		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
5		Tetradecanal	212	C14H28O	000124-25-4	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
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Sample : H4688-02
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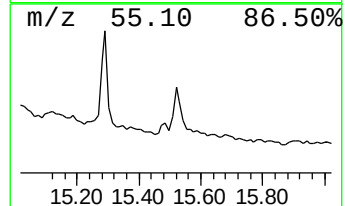
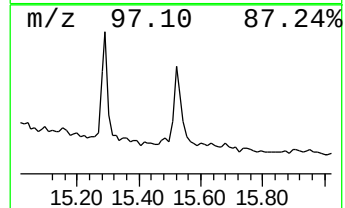
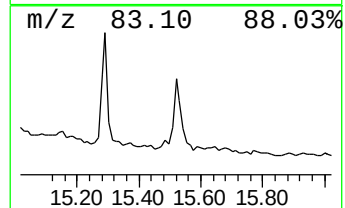
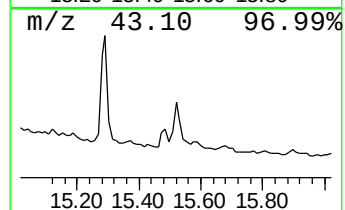
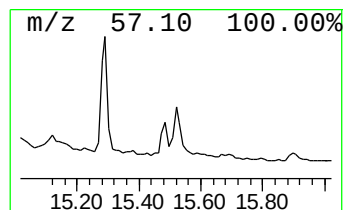
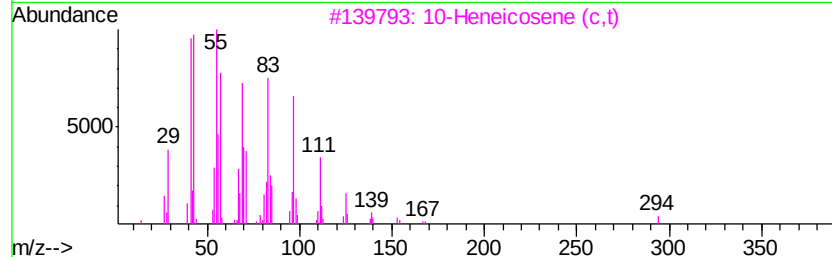
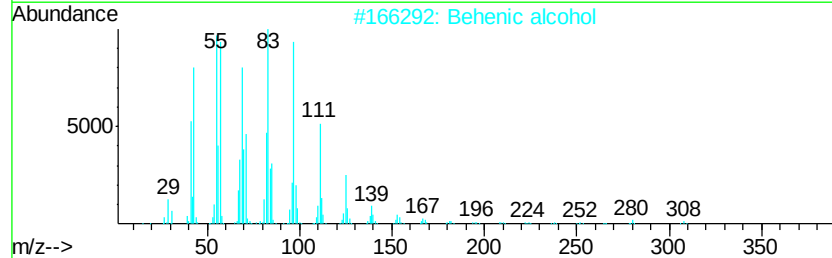
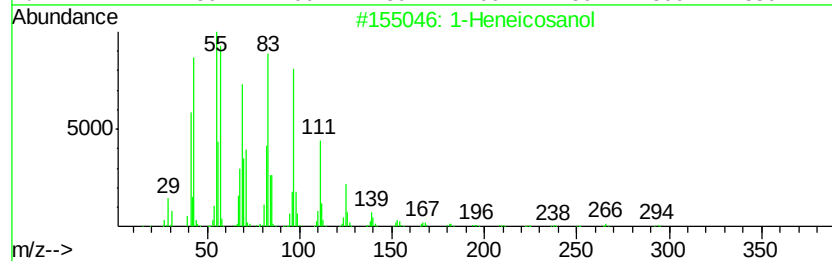
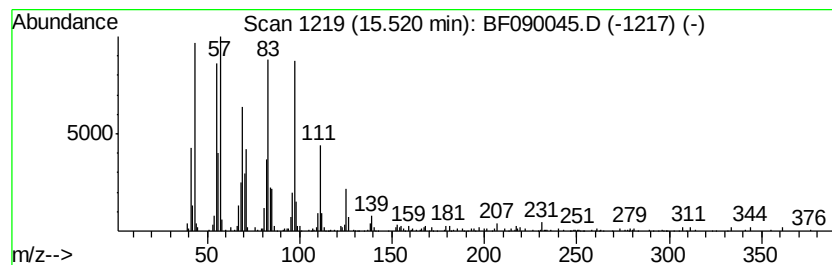
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 1-Heneicosanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.52	5.96 ng	325230	Perylene-d12		15.06
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
4	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
5	Octacosanol	410	C28H58O	000557-61-9	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090816\
 Data File : BF090045.D
 Acq On : 9 Sep 2016 1:02
 Operator : UM/SJ
 Sample : H4688-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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n-Hexane	1.98	11.8	ng	569311	1	6.60	964631	20.0
2-Pentanone, 4-hy...	4.72	26.6	ng	1284570	1	6.60	964631	20.0
unknown6.36	6.36	93.4	ng	4504780	1	6.60	964631	20.0
unknown9.83	9.83	6.0	ng	472825	3	9.63	1570000	20.0
Tetratetracontane	9.91	5.8	ng	458119	3	9.63	1570000	20.0
unknown10.01	10.01	5.6	ng	440927	3	9.63	1570000	20.0
Octacosane	10.09	13.2	ng	1035950	3	9.63	1570000	20.0
unknown10.20	10.20	11.1	ng	874599	3	9.63	1570000	20.0
Undecane, 3,6-dim...	10.31	33.8	ng	2650660	3	9.63	1570000	20.0
unknown10.36	10.36	5.8	ng	459441	3	9.63	1570000	20.0
Pentadecane, 2,6,...	10.58	28.9	ng	4929520	4	11.12	3414730	20.0
2-Undecene, 2,5-d...	10.76	7.8	ng	1330400	4	11.12	3414730	20.0
Heptadecane, 2,6,...	11.05	20.0	ng	3414730	4	11.12	3414730	20.0
1,19-Eicosadiene	14.64	24.3	ng	1323480	6	15.06	1091040	20.0
n-Tetracosanol-1	14.82	19.1	ng	1043110	6	15.06	1091040	20.0
Octadecanal	15.29	18.5	ng	1010790	6	15.06	1091040	20.0
1-Heneicosanol	15.52	6.0	ng	325230	6	15.06	1091040	20.0