

Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
 Data File : BF094567.D
 Acq On : 21 Apr 2017 17:23
 Operator : SJ/MA
 Sample : I2783-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-11

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-BF041717.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	2.696	125	129	137	rBV	143178	163465	2.27%	0.498%
2	3.378	236	245	247	rBV	4191834	6997643	97.20%	21.325%
3	3.943	329	341	343	rBV	3203847	7199181	100.00%	21.939%
4	5.378	582	585	596	rBV	365410	430675	5.98%	1.312%
5	5.760	646	650	654	rBV	705740	613577	8.52%	1.870%
6	5.937	675	680	683	rBV	2236731	2061982	28.64%	6.284%
7	6.131	710	713	719	rBV	149507	140766	1.96%	0.429%
8	6.407	755	760	763	rBV	1538922	1601290	22.24%	4.880%
9	7.254	900	904	907	rBV	947320	826463	11.48%	2.519%
10	8.578	1124	1129	1132	rBV	2977299	2921951	40.59%	8.905%
11	9.078	1210	1214	1218	rBV	342099	336444	4.67%	1.025%
12	9.383	1260	1266	1271	rBV2	865516	932993	12.96%	2.843%
13	9.983	1364	1368	1372	rBV	84039	73773	1.02%	0.225%
14	10.360	1427	1432	1438	rBV4	62278	89851	1.25%	0.274%
15	10.566	1464	1467	1469	rBV	100813	103110	1.43%	0.314%
16	11.119	1558	1561	1565	rBV	82403	80120	1.11%	0.244%
17	11.207	1571	1576	1579	rBV	838312	858690	11.93%	2.617%
18	11.230	1579	1580	1585	rVB	97429	73027	1.01%	0.223%
19	11.648	1648	1651	1655	rVB	80939	72685	1.01%	0.222%
20	11.713	1658	1662	1670	rVB	166076	167628	2.33%	0.511%
21	11.960	1700	1704	1707	rBV	1030786	959855	13.33%	2.925%
22	12.042	1715	1718	1726	rVB	233401	236962	3.29%	0.722%
23	12.224	1746	1749	1760	rVB	75714	103724	1.44%	0.316%
24	12.424	1780	1783	1789	rBV	141874	145766	2.02%	0.444%
25	12.695	1824	1829	1834	rBV	100442	115212	1.60%	0.351%
26	12.966	1872	1875	1880	rVB	101697	107162	1.49%	0.327%
27	13.183	1907	1912	1916	rBV	2326245	2711809	37.67%	8.264%
28	14.348	2106	2110	2118	rBV4	151662	268367	3.73%	0.818%
29	14.454	2123	2128	2131	rBV	697119	818731	11.37%	2.495%
30	15.136	2241	2244	2250	rVB2	67981	101405	1.41%	0.309%
31	15.454	2295	2298	2302	rBV	167411	191699	2.66%	0.584%
32	15.571	2315	2318	2322	rVB2	91337	103246	1.43%	0.315%
33	15.848	2363	2365	2373	rBV	76310	96144	1.34%	0.293%
34	16.077	2400	2404	2411	rBV	665000	749614	10.41%	2.284%

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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

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35	16.195	2421	2424	2428	rVB	83235	96246	1.34%	0.293%
36	16.571	2485	2488	2493	rVB	100718	132143	1.84%	0.403%
37	17.001	2558	2561	2566	rVB	89723	130514	1.81%	0.398%

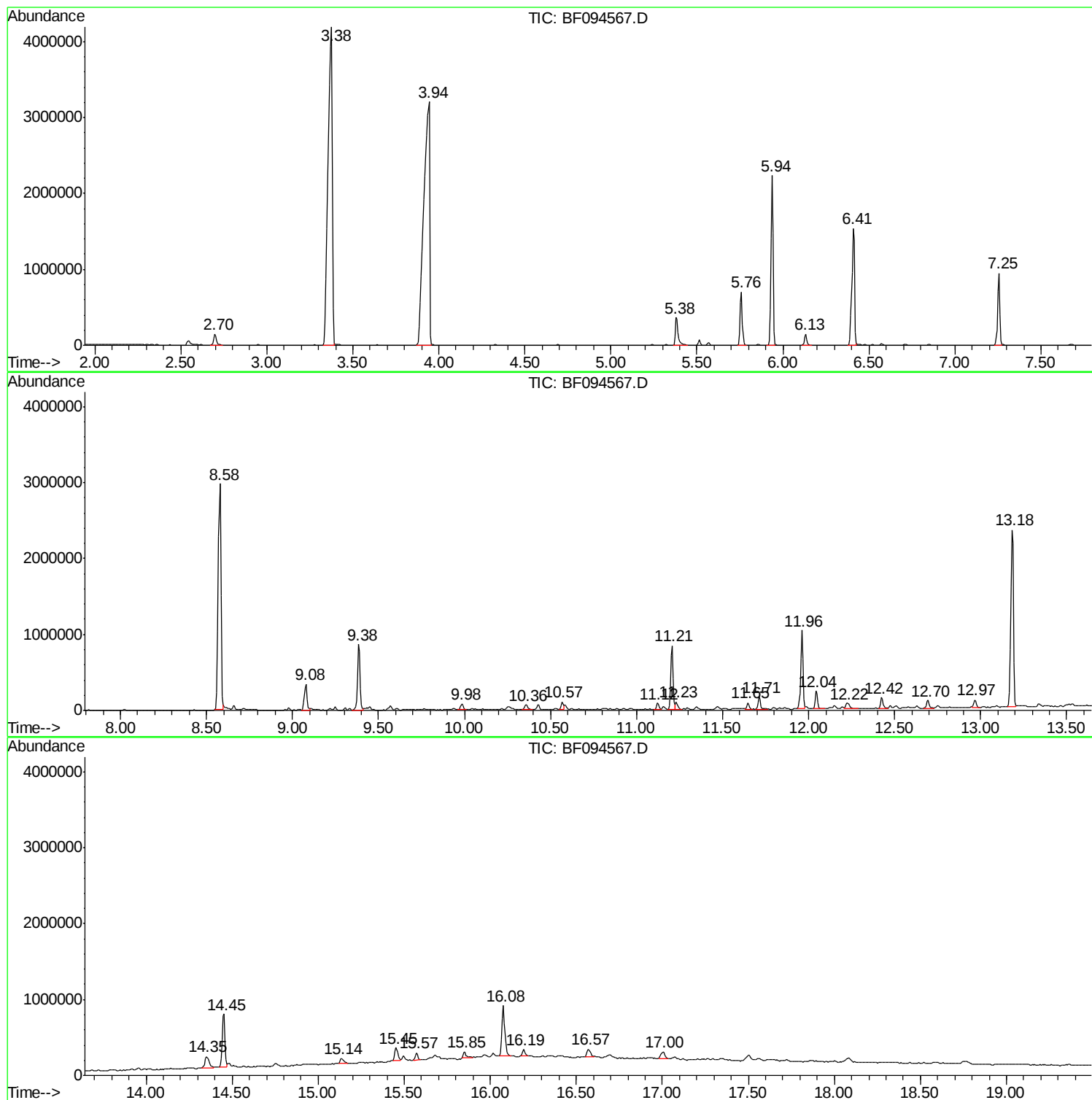
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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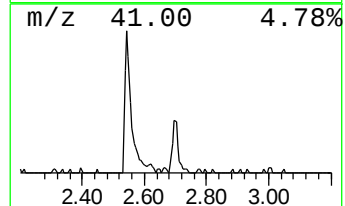
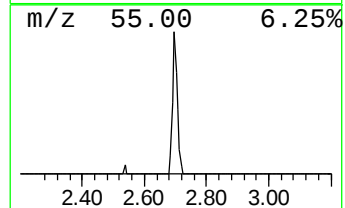
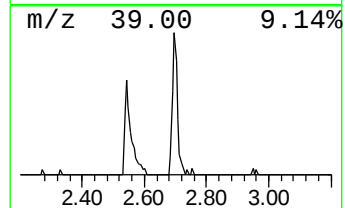
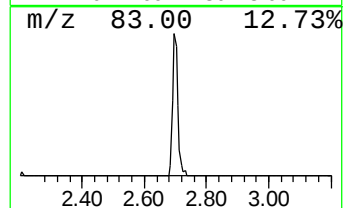
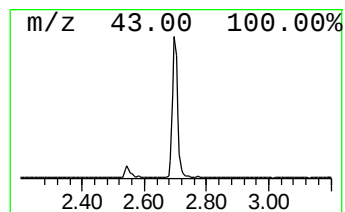
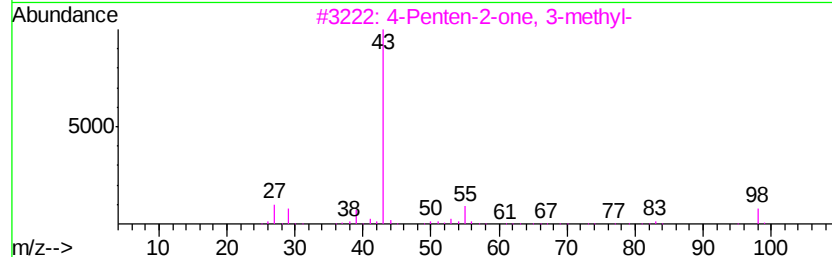
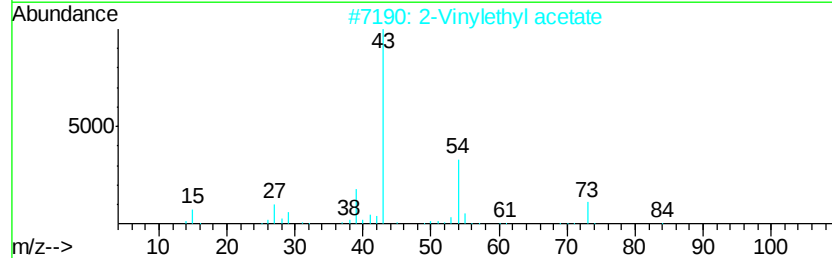
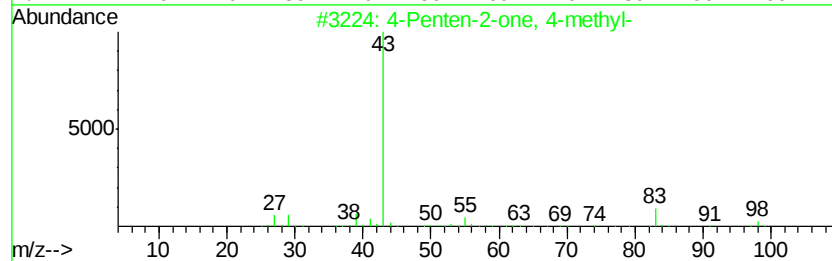
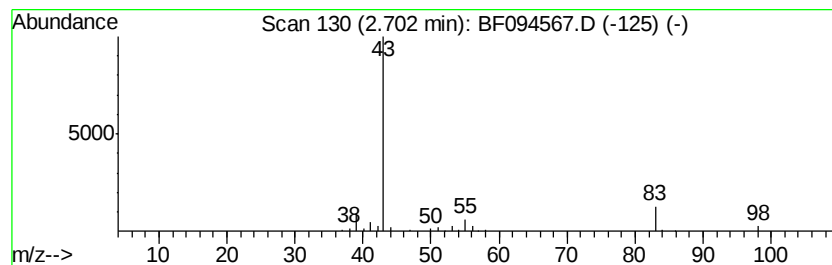
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 4-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	5.33 ng	163465	1,4-Dichlorobenzene-d4	5.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	80
2			2-Vinylethyl acetate	114	C6H10O2	001576-84-7	38
3			4-Penten-2-one, 3-methyl-	98	C6H10O	000758-87-2	28
4			5-Hexen-2-one	98	C6H10O	000109-49-9	27
5			Methyl 1-methylcyclopropyl ketone	98	C6H10O	001567-75-5	22



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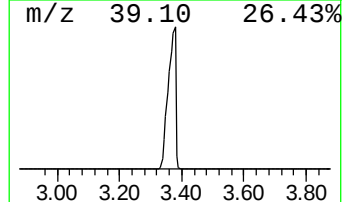
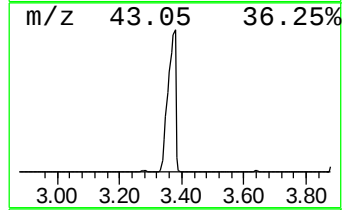
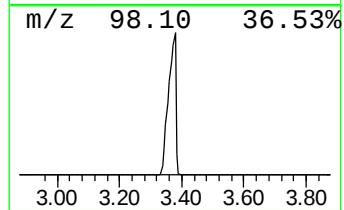
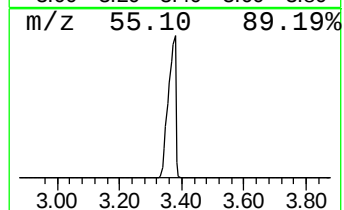
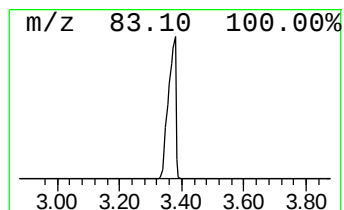
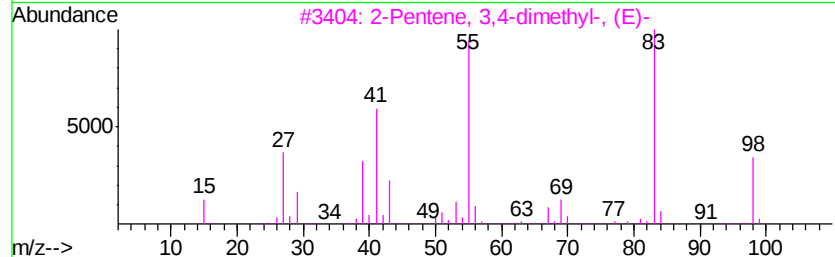
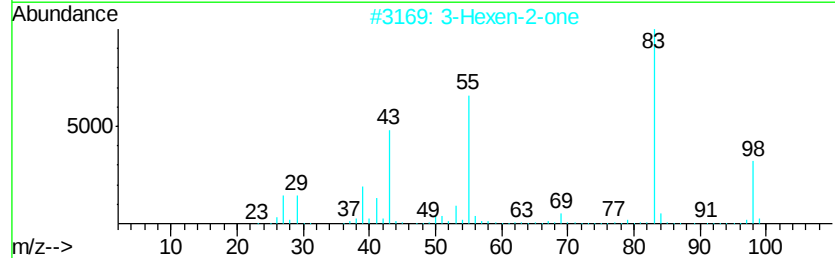
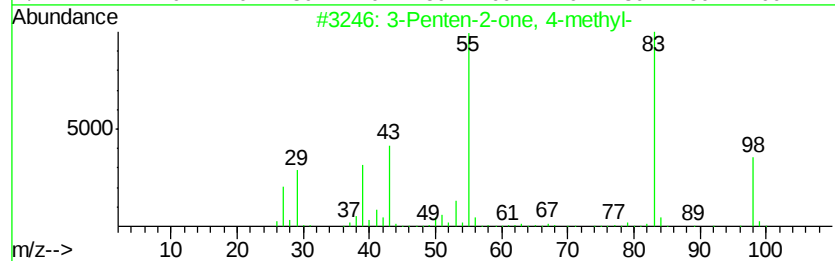
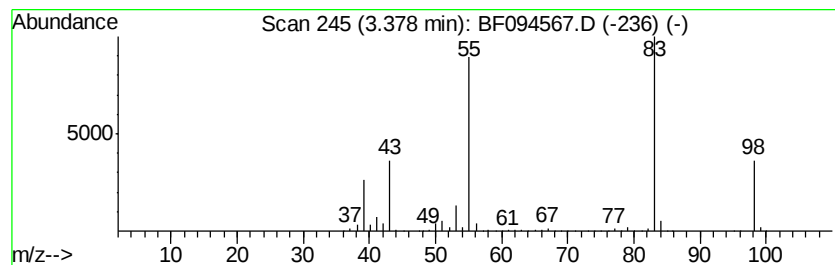
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.38	228.09 ng	6997640	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2		3-Hexen-2-one	98	C6H10O	000763-93-9	91
3		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	90
4		2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5		2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80



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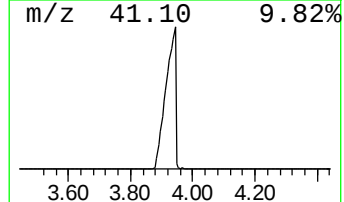
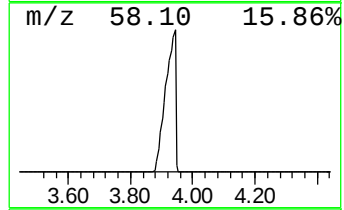
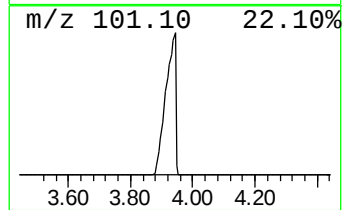
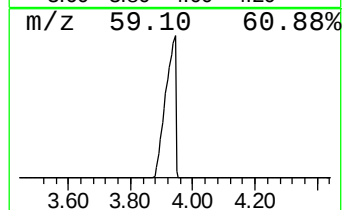
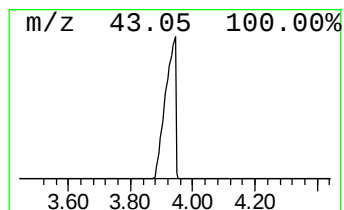
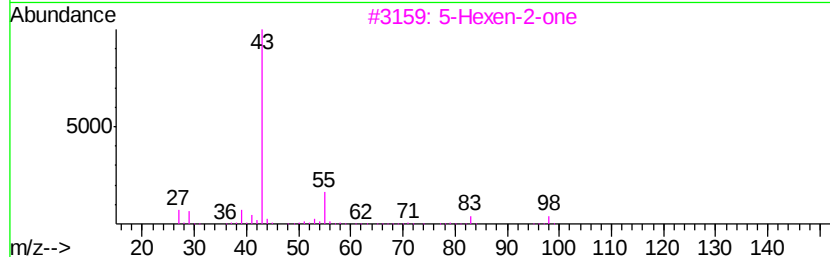
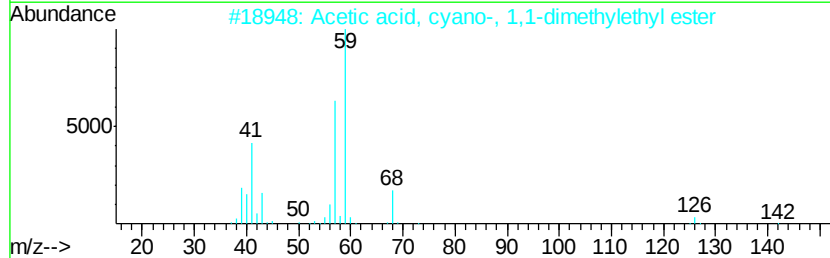
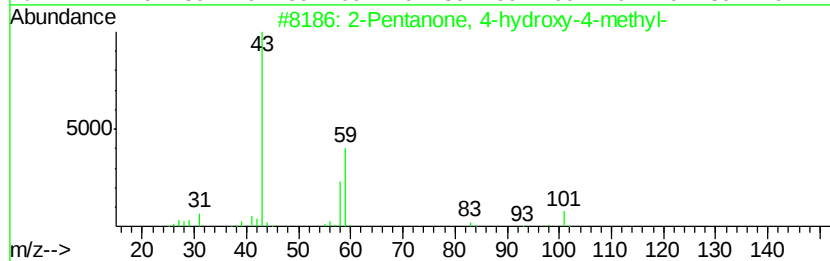
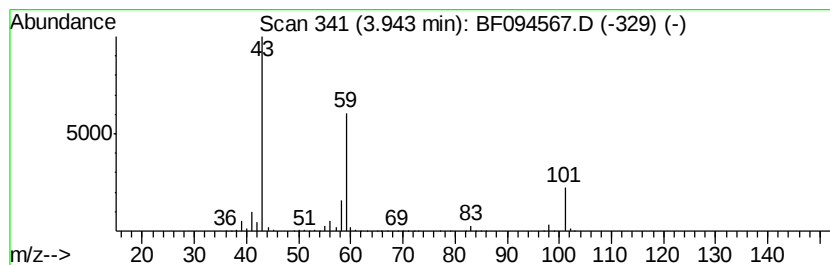
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.94	234.66 ng	7199180	1,4-Dichlorobenzene-d4	5.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	9



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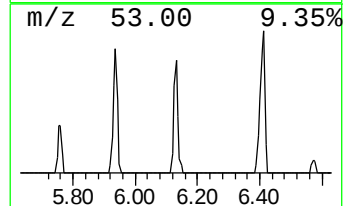
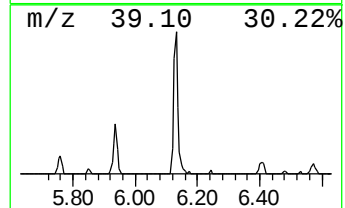
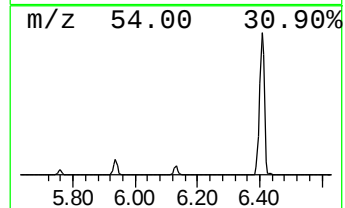
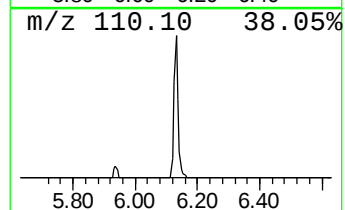
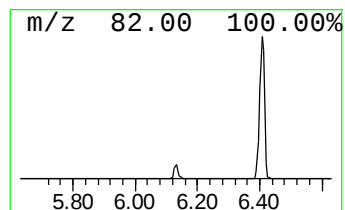
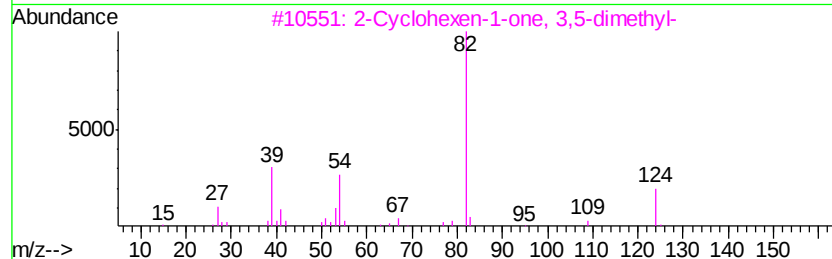
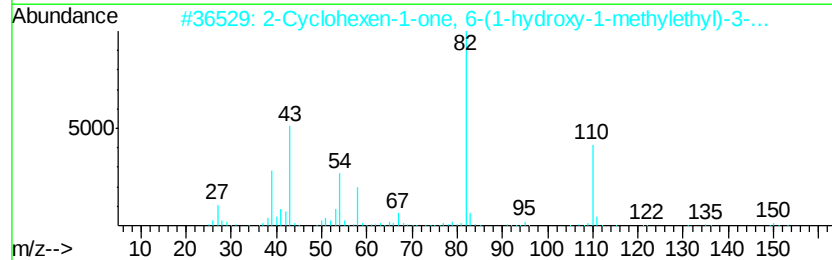
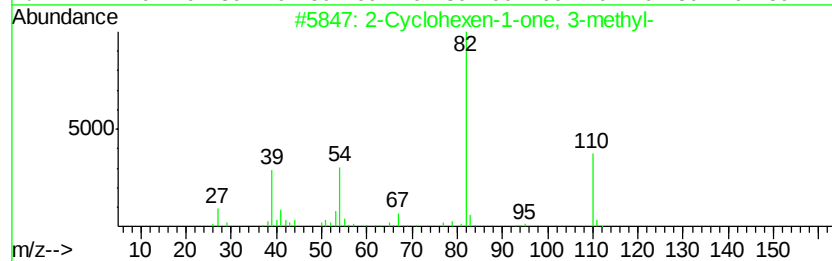
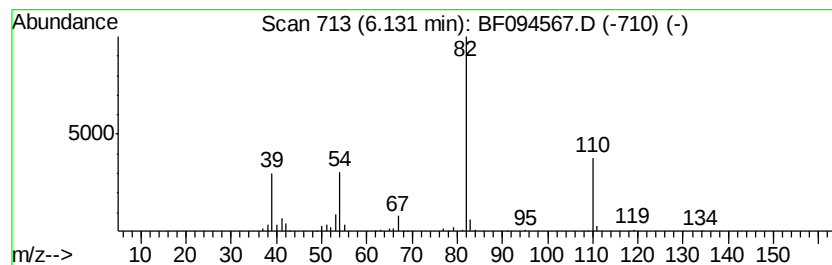
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Cyclohexen-1-one, 3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.13	4.59 ng	140766	1,4-Dichlorobenzene-d4	5.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Cyclohexen-1-one, 3-methyl-	110	C7H10O	001193-18-6	91
2		2-Cyclohexen-1-one, 6-(1-hydroxy...	168	C10H16O2	087791-00-2	74
3		2-Cyclohexen-1-one, 3,5-dimethyl-	124	C8H12O	001123-09-7	53
4		1H-Pyrazole, 1-methyl-	82	C4H6N2	000930-36-9	47
5		1H-Pyrazole, 3-methyl-	82	C4H6N2	001453-58-3	47



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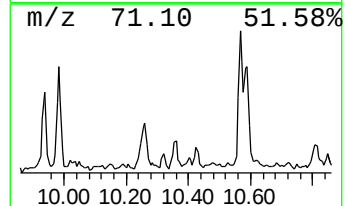
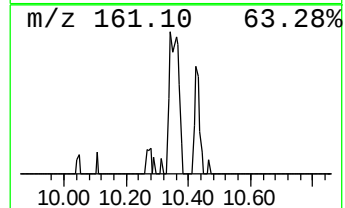
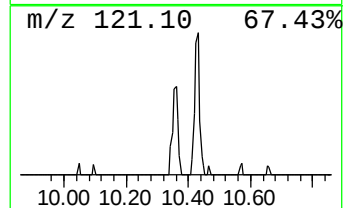
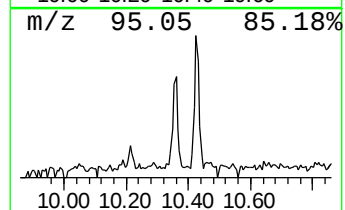
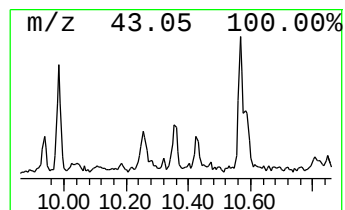
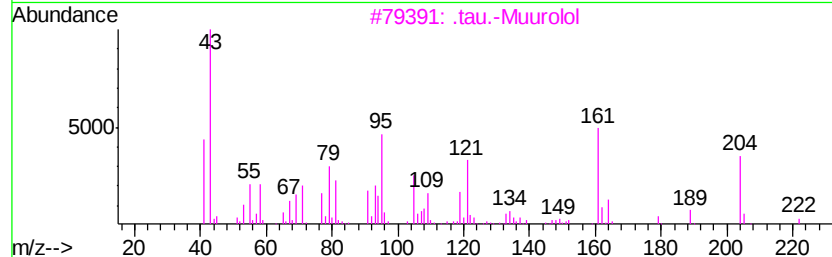
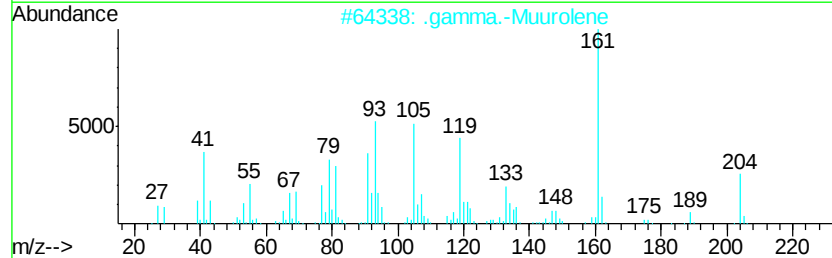
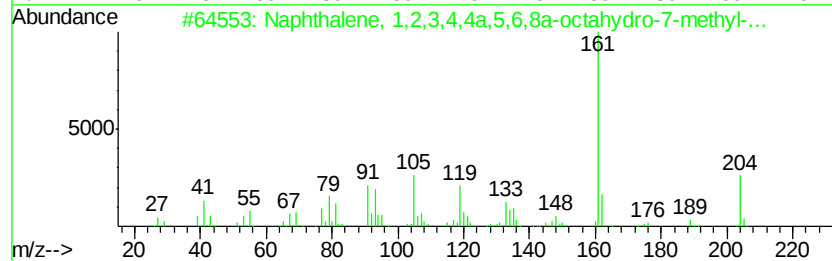
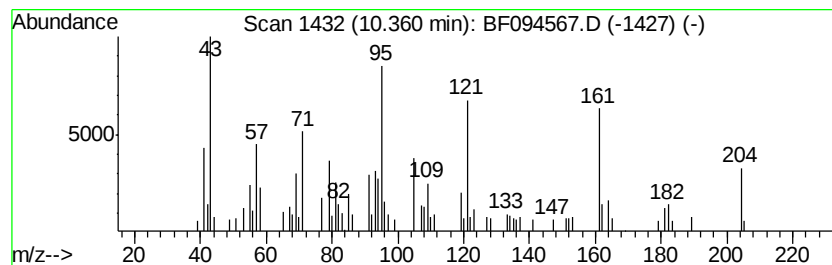
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TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, 1,2,3,4,4a,5,6... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	2.09 ng	89851	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	039029-41-9	76
2		.gamma.-Muurolene	204	C15H24	030021-74-0	68
3		.tau.-Muurolol	222	C15H26O	019912-62-0	43
4		Copaene	204	C15H24	003856-25-5	35
5		4,8,12,16-Octadecatetraen-1-ol, ...	318	C22H38O	1000142-00-0	27



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
Operator : SJ/MA
Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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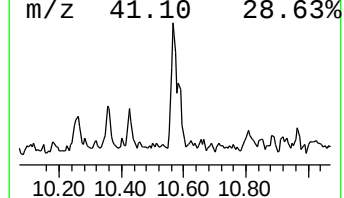
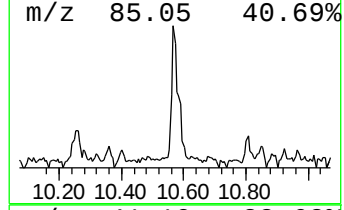
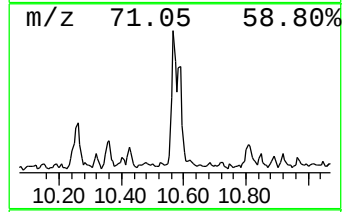
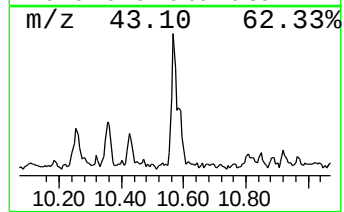
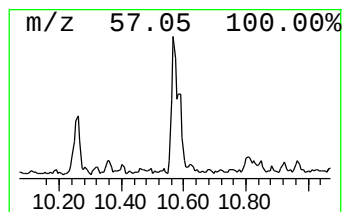
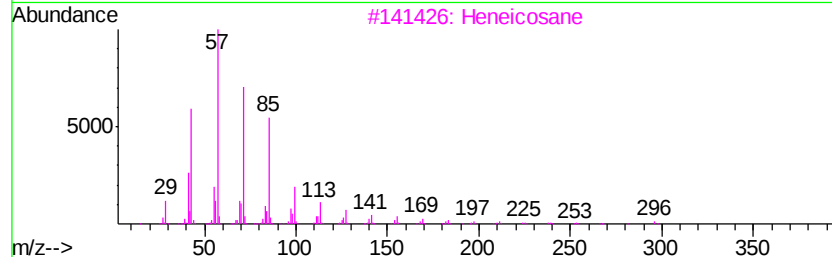
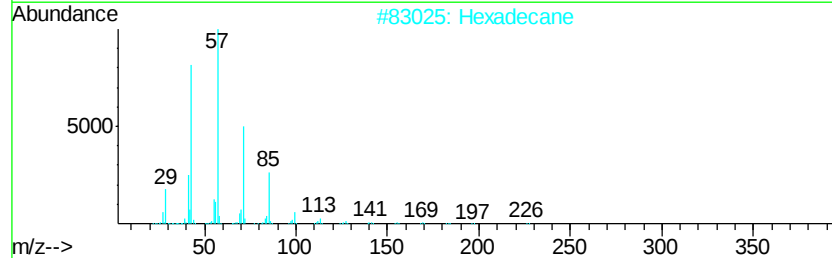
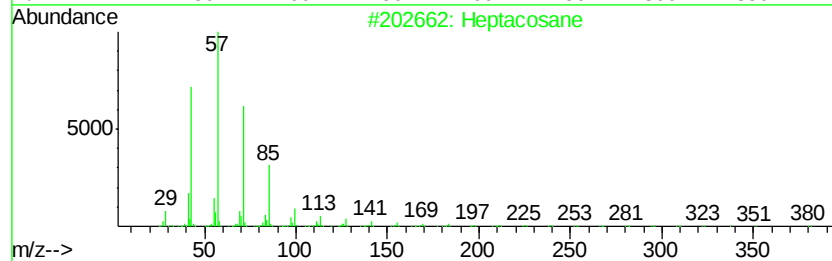
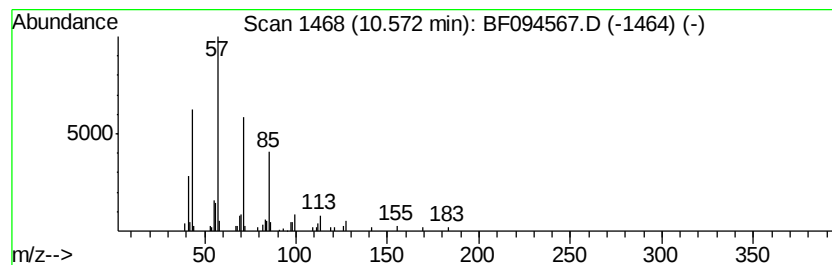
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Heptacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	2.40 ng	103110	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	90
5		Heptadecane	240	C17H36	000629-78-7	90



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
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Sample : I2783-05
Misc :
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ClientSampleId :
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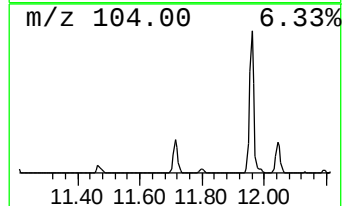
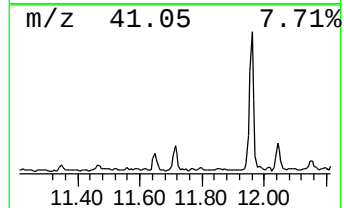
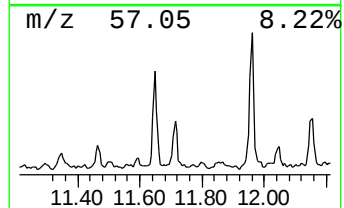
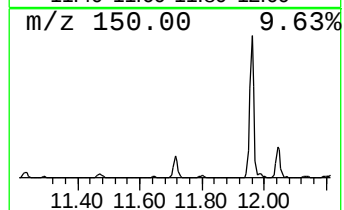
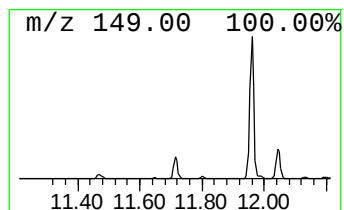
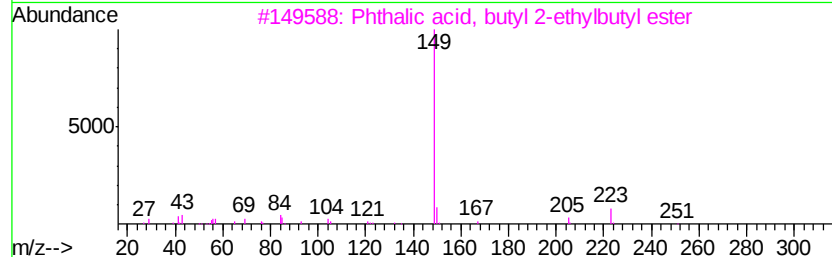
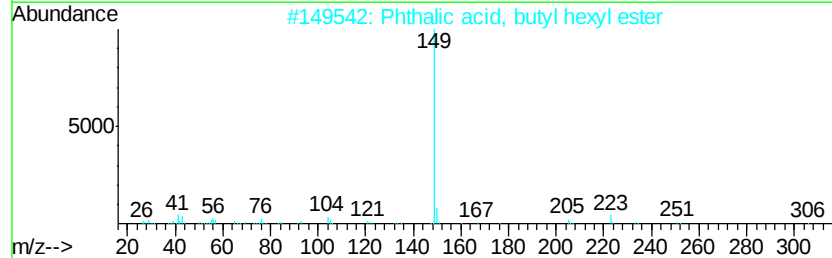
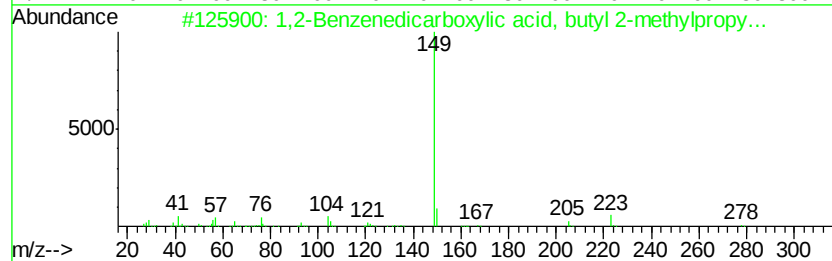
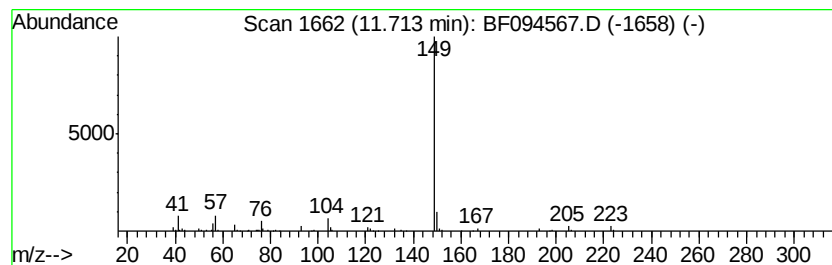
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1,2-Benzenedicarboxylic aci... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	3.90 ng	167628	Phenanthrene-d10	11.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2-Benzenedicarboxylic acid, bu...	278	C16H22O4	017851-53-5	90
2			Phthalic acid, butyl hexyl ester	306	C18H26O4	1000308-99-5	83
3			Phthalic acid, butyl 2-ethylbutv...	306	C18H26O4	1000356-89-0	78
4			Phthalic acid, butyl hept-4-yl e...	320	C19H28O4	1000356-78-4	78
5			1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	78



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
Operator : SJ/MA
Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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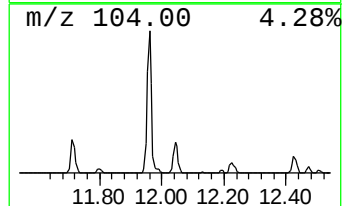
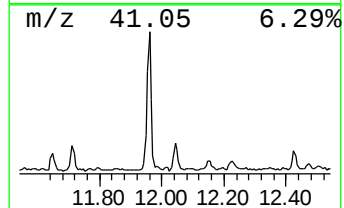
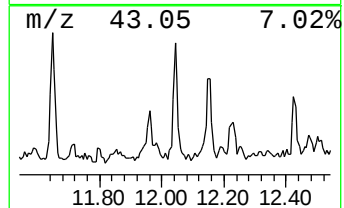
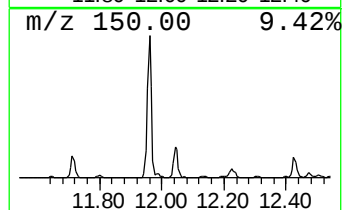
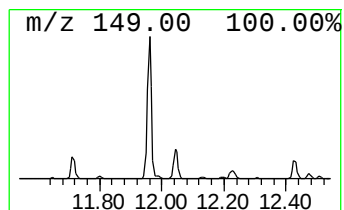
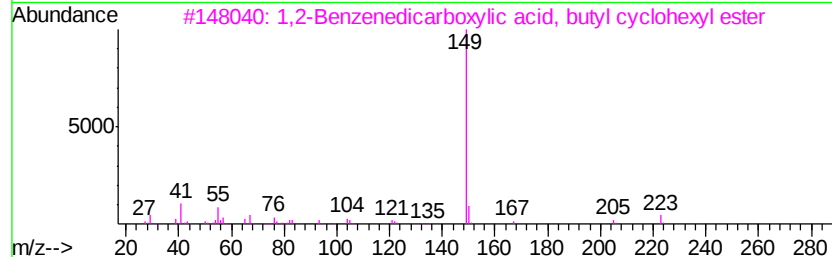
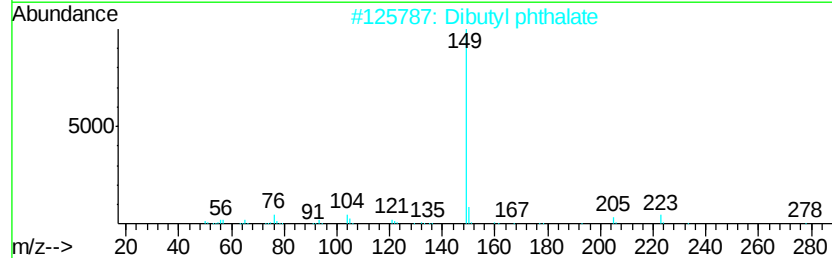
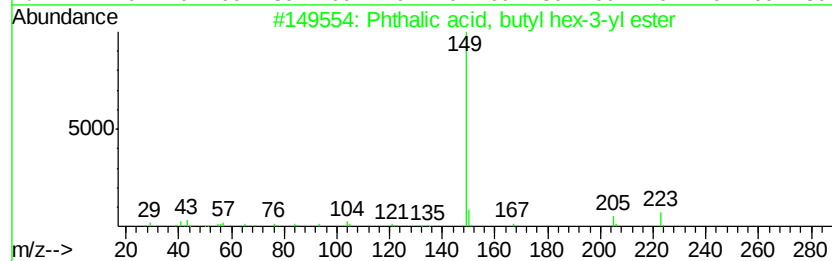
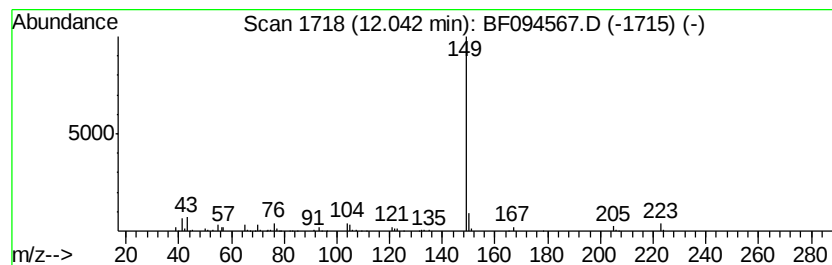
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phthalic acid, butyl hex-3-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.04	5.52 ng	236962	Phenanthrene-d10	11.21

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, butyl hex-3-yl ester	306	C18H26O4	1000356-95-5	90
2		Dibutyl phthalate	278	C16H22O4	000084-74-2	90
3		1,2-Benzenedicarboxylic acid, bu...	304	C18H24O4	000084-64-0	83
4		1,2-Benzenedicarboxylic acid, bi...	278	C16H22O4	000084-69-5	83
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	83



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
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Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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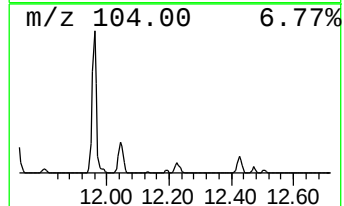
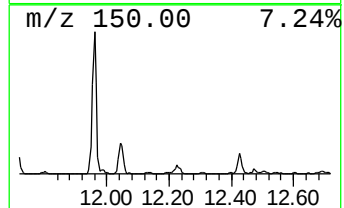
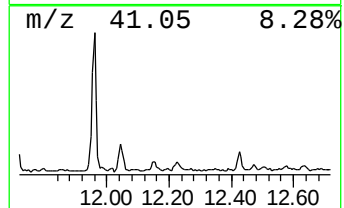
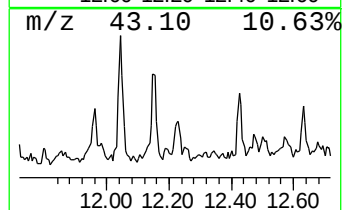
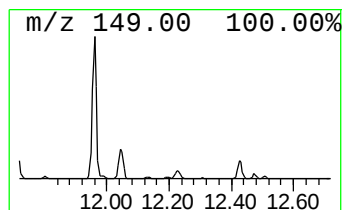
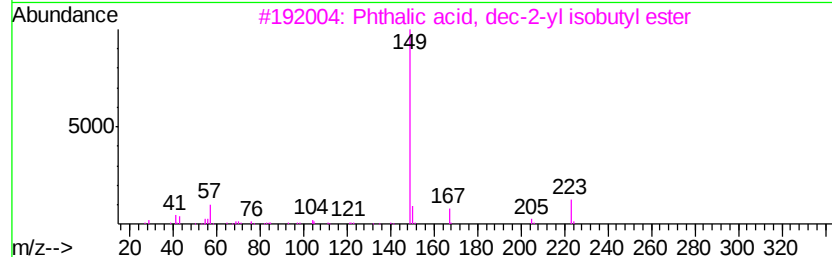
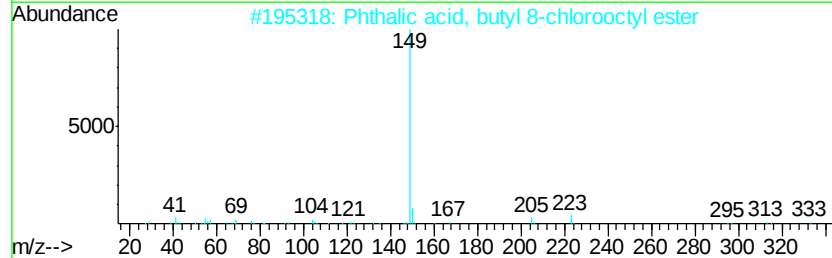
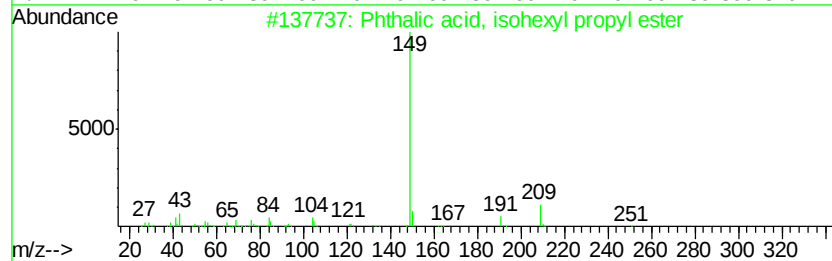
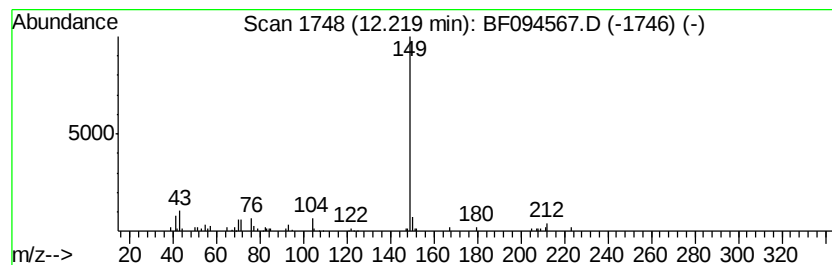
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phthalic acid, isohexyl pro... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.22	2.42 ng	103724	Phenanthrene-d10	11.21

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phthalic acid, isohexyl propyl e...	292	C17H24O4	1000308-98-9	72
2		Phthalic acid, butyl 8-chlorooct...	368	C20H29ClO4	1000356-85-9	72
3		Phthalic acid, dec-2-yl isobutyl...	362	C22H34O4	1000356-93-8	72
4		Phthalic acid, isobutyl 2-pentyl...	292	C17H24O4	1000315-48-6	72
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
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Acq On : 21 Apr 2017 17:23
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Sample : I2783-05
Misc :
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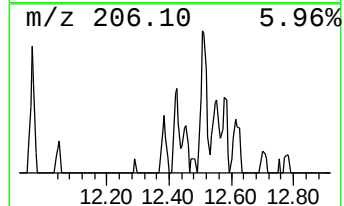
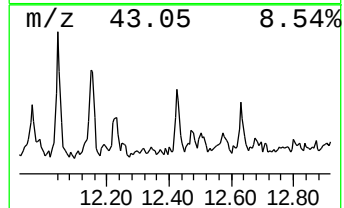
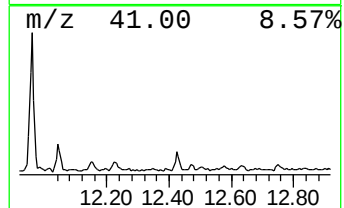
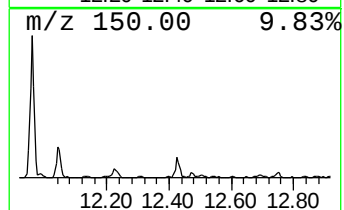
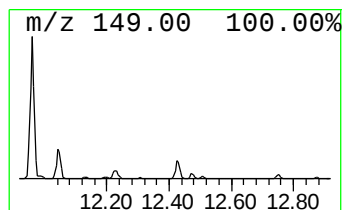
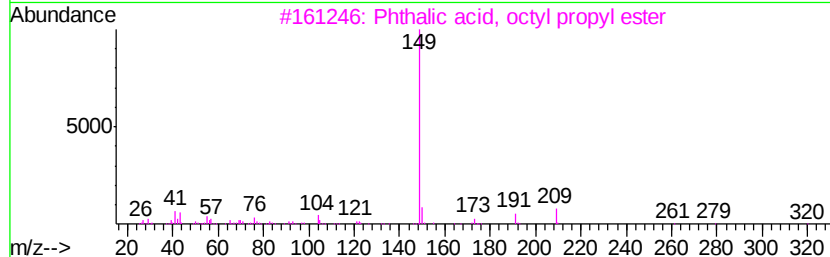
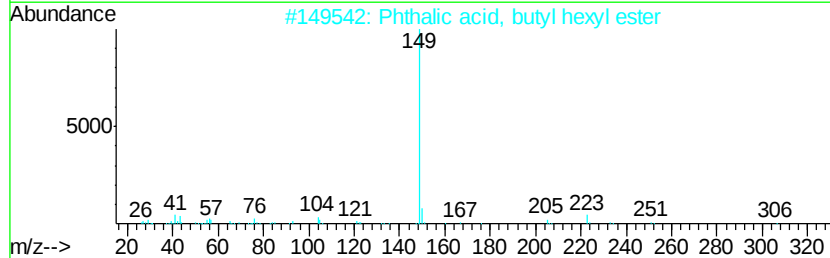
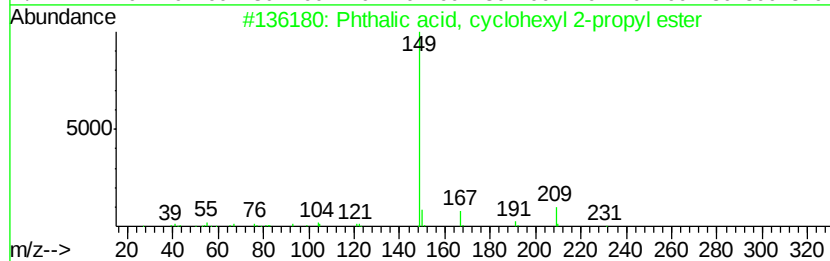
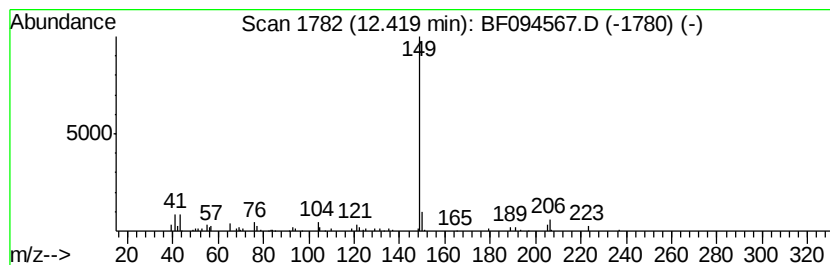
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phthalic acid, cyclohexyl 2... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.42	3.40 ng	145766	Phenanthrene-d10	11.21		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phthalic acid, cyclohexyl 2-prop...	290	C17H22O4	1000315-56-4	78
2		Phthalic acid, butyl hexyl ester	306	C18H26O4	1000308-99-5	78
3		Phthalic acid, octyl propyl ester	320	C19H28O4	1000309-10-8	78
4		1,2-Benzenedicarboxylic acid, bu...	362	C22H34O4	000089-18-9	78
5		1,2-Benzenedicarboxylic acid, bu...	334	C20H30O4	000084-78-6	78



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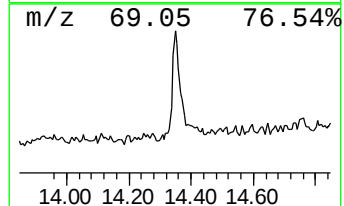
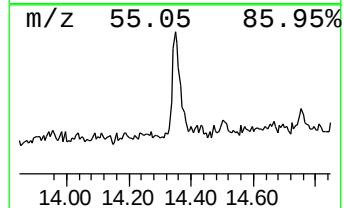
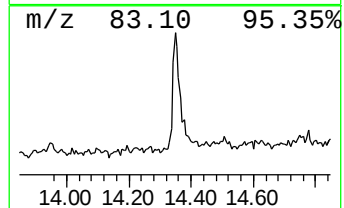
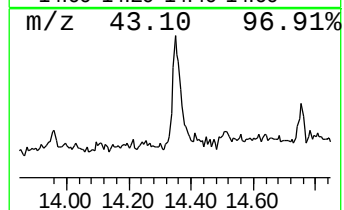
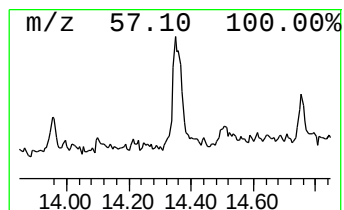
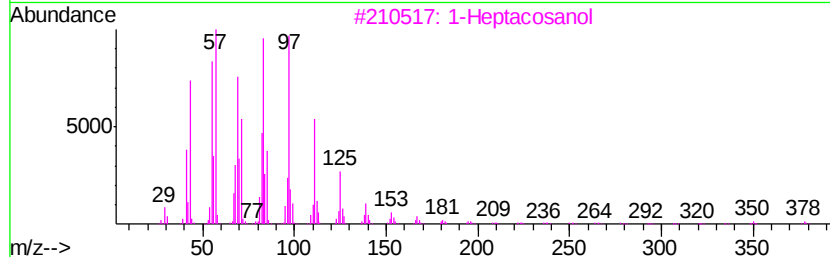
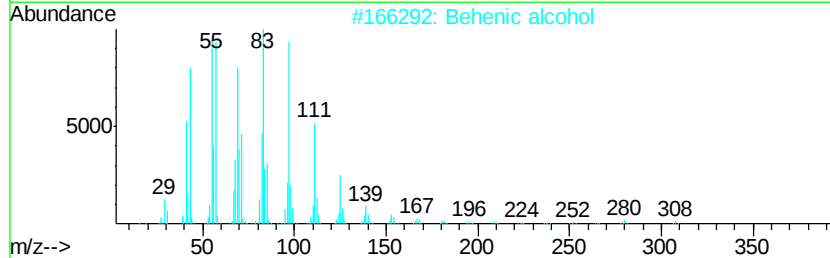
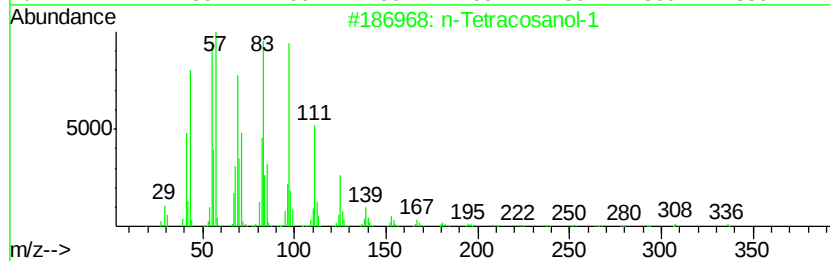
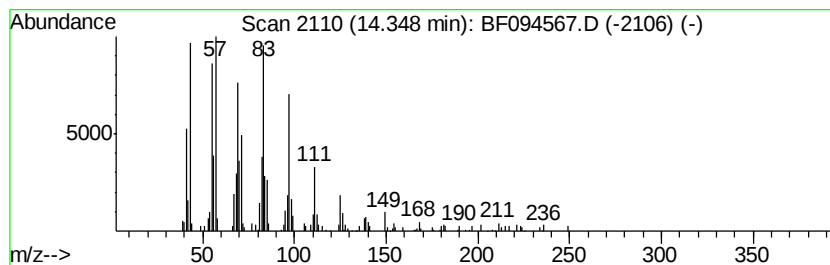
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 n-Tetracosanol-1 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.35	6.56 ng	268367	Chrysene-d12	14.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	94
4	1-Heneicosanol	312	C21H44O	015594-90-8	93
5	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
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ClientSampleId :
C-11

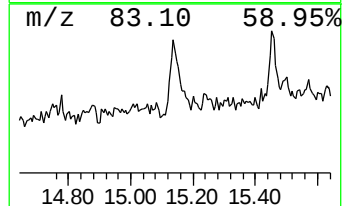
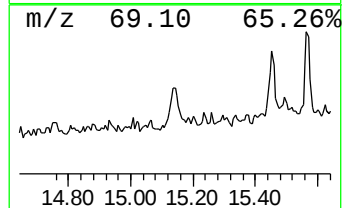
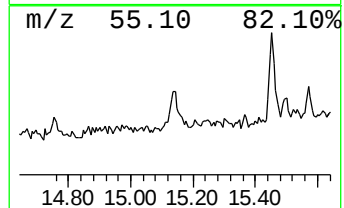
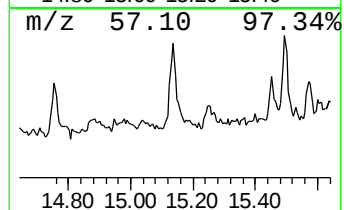
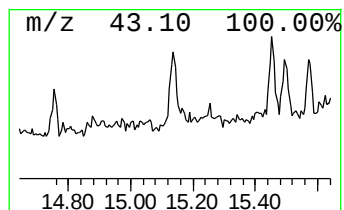
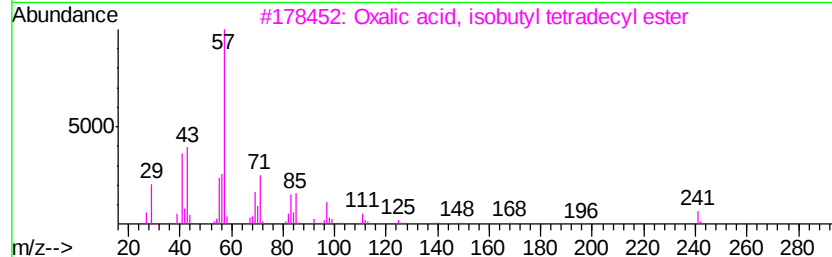
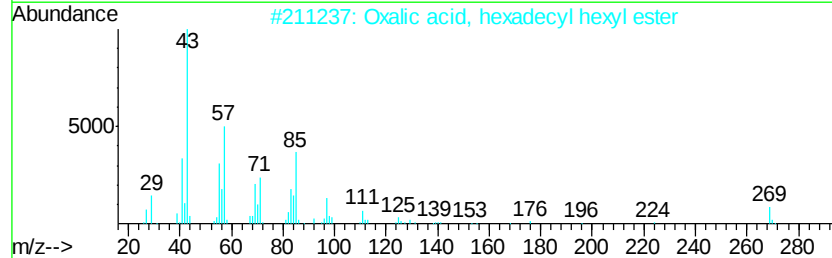
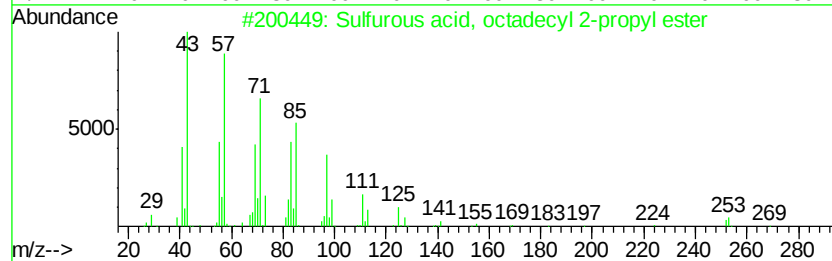
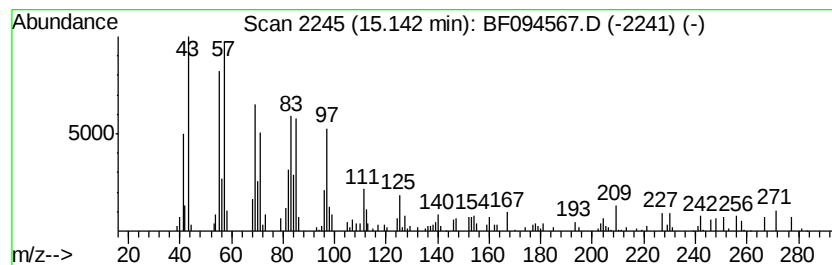
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Sulfurous acid, octadecyl 2... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.14	2.48 ng	101405	Chrysene-d12	14.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	74
2		Oxalic acid, hexadecyl hexyl ester	398	C24H46O4	1000309-25-0	72
3		Oxalic acid, isobutyl tetradecyl...	342	C20H38O4	1000309-37-9	58
4		Oxalic acid, isobutyl pentadecyl...	356	C21H40O4	1000309-38-0	58
5		Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	58



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
Operator : SJ/MA
Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
C-11

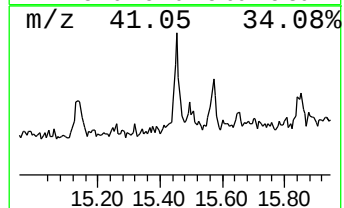
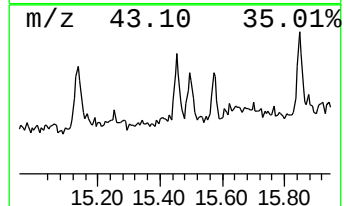
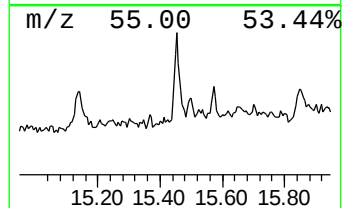
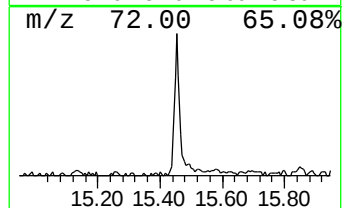
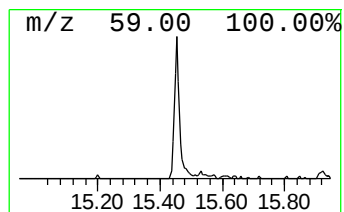
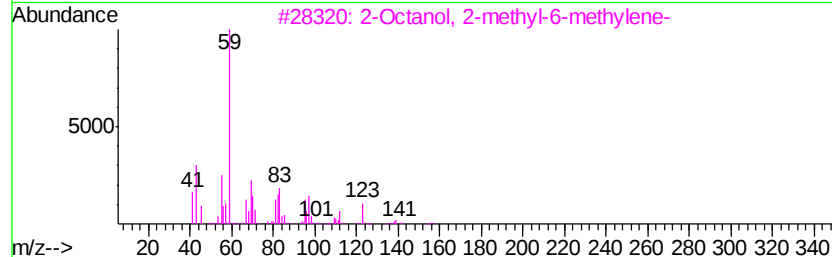
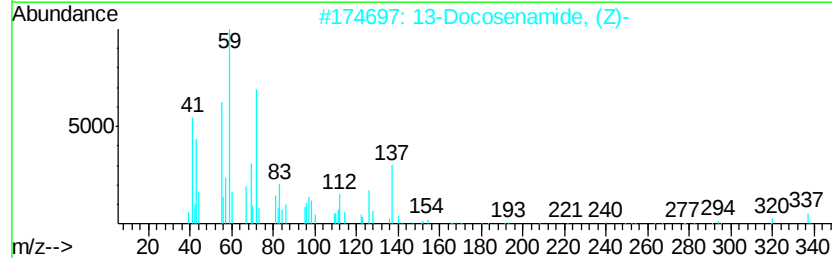
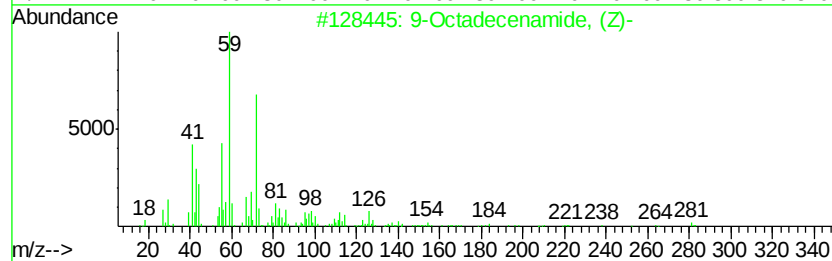
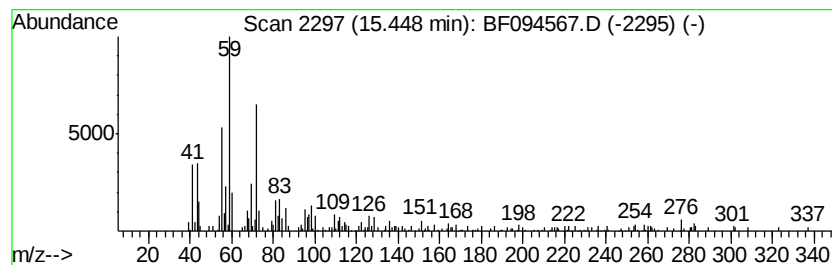
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 9-Octadecenamide, (Z)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	5.11 ng	191699	Perylene-d12	16.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	72
3			2-Octanol, 2-methyl-6-methylene-	156	C10H20O	018479-59-9	49
4			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	47
5			2-Hexanol, 2,5-dimethyl-, (S)-	130	C8H18O	003730-60-7	35



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
Operator : SJ/MA
Sample : I2783-05
Misc :
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ClientSampleId :
C-11

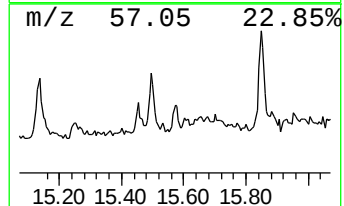
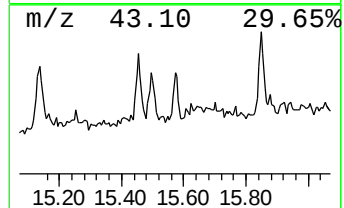
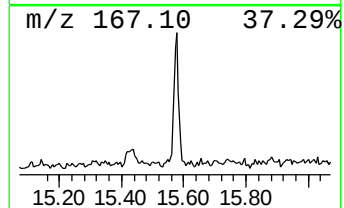
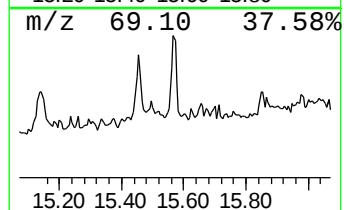
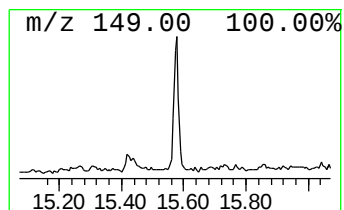
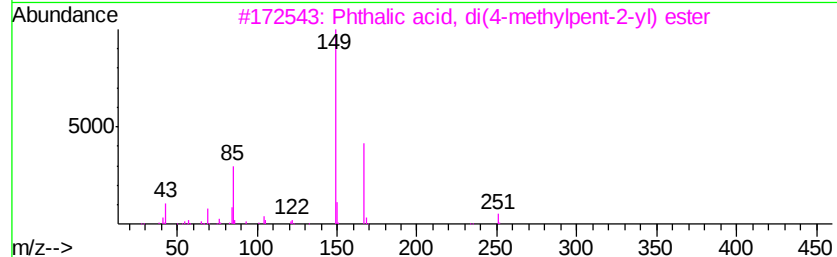
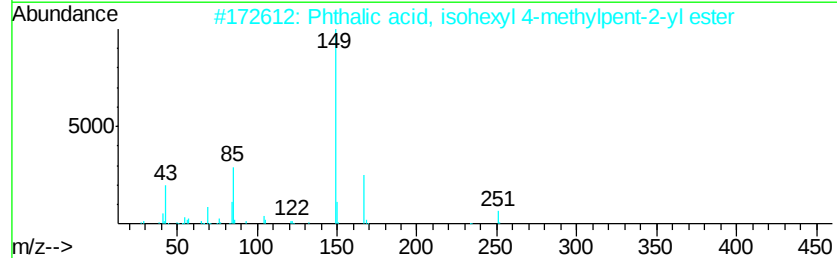
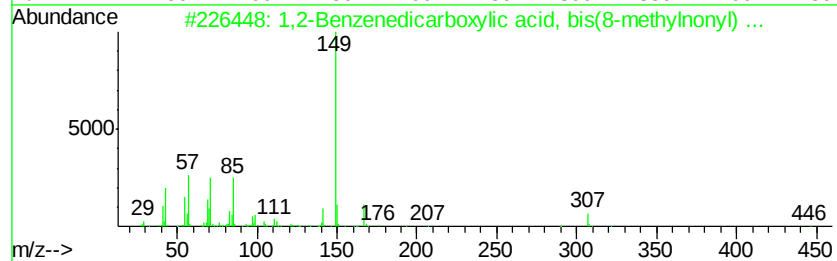
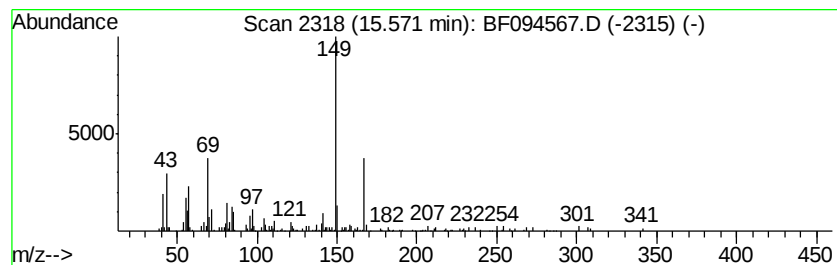
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 1,2-Benzenedicarboxylic aci... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	2.75 ng	103246	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2-Benzenedicarboxylic acid, bi...	446	C28H46O4	000089-16-7	72
2		Phthalic acid, isohexyl 4-methyl...	334	C20H30O4	1000356-87-5	59
3		Phthalic acid, di(4-methylpent-2...	334	C20H30O4	1000356-88-6	59
4		Phthalic acid, di(2-propylpentyl...	390	C24H38O4	1000377-93-5	53
5		1,2-Benzenedicarboxylic acid, mo...	278	C16H22O4	004376-20-9	53



Data Path : Z:\HPCHEM1\BNA F\Data\BF042117\
Data File : BF094567.D
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Operator : SJ/MA
Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

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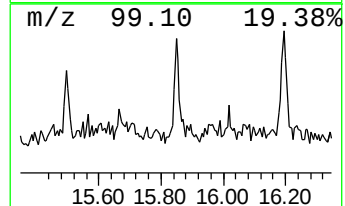
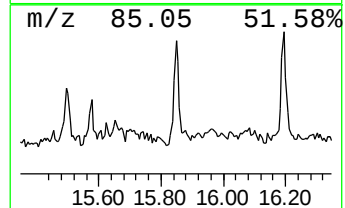
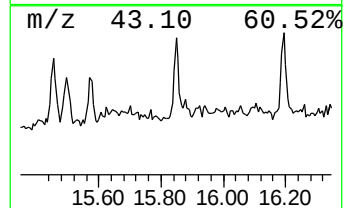
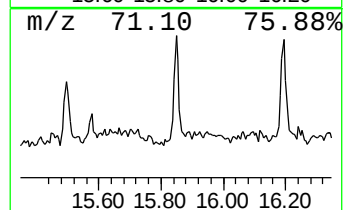
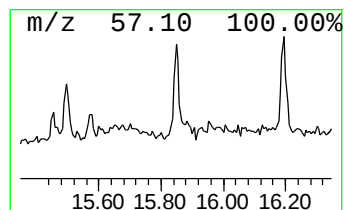
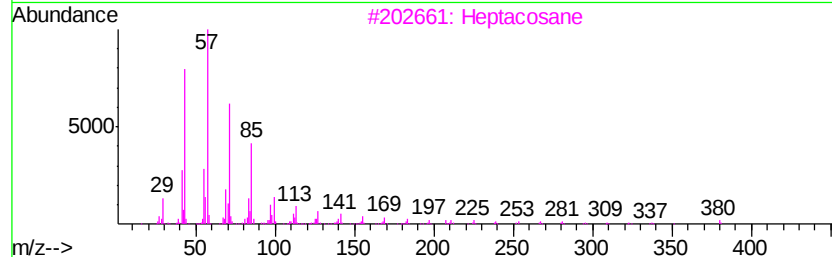
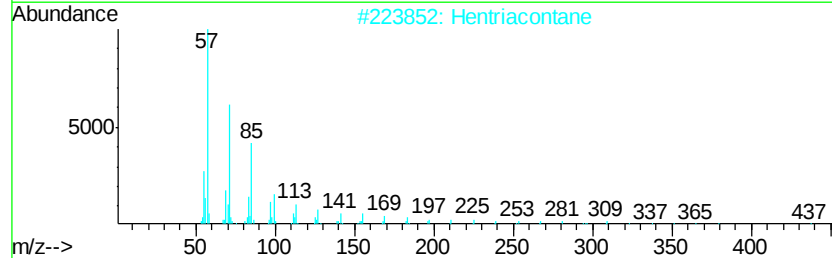
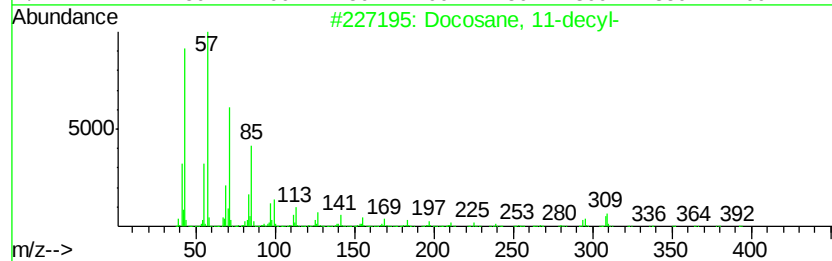
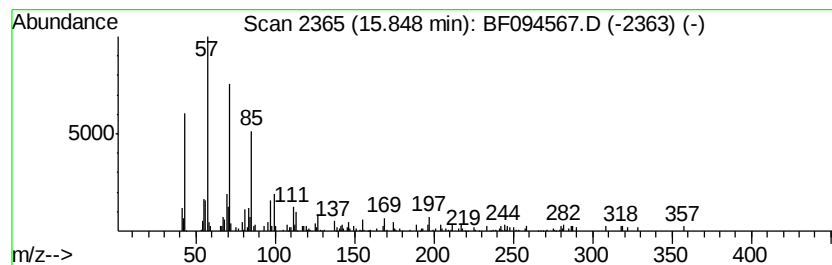
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Docosane, 11-decyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.85	2.57 ng	96144	Perylene-d12	16.08

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Docosane, 11-decyl-	451	C32H66	055401-55-3	91
2			Hentriacontane	437	C31H64	000630-04-6	91
3			Heptacosane	380	C27H56	000593-49-7	86
4			Tetracosane	338	C24H50	000646-31-1	86
5			Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
Operator : SJ/MA
Sample : I2783-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
C-11

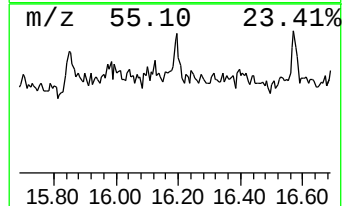
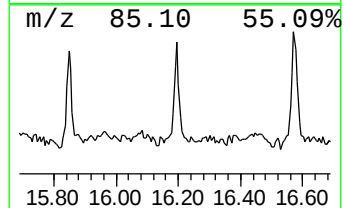
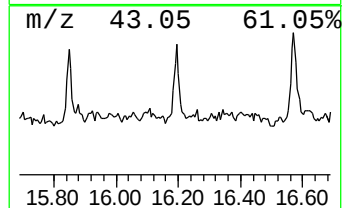
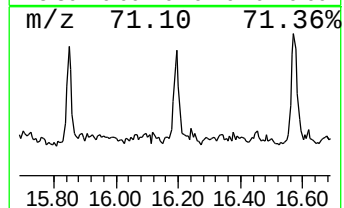
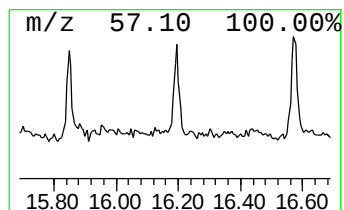
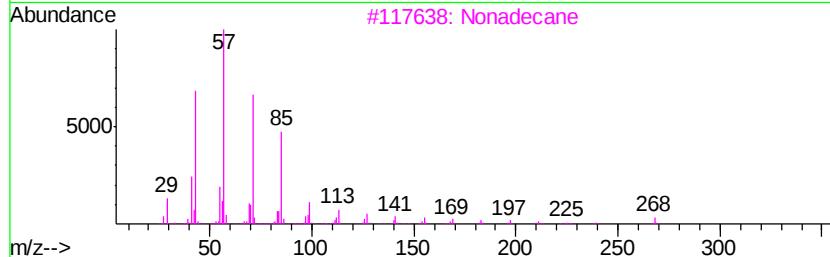
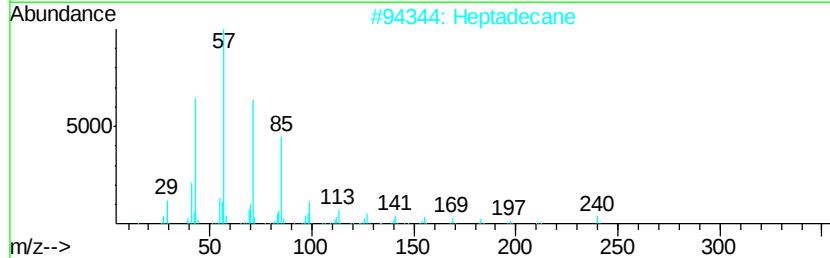
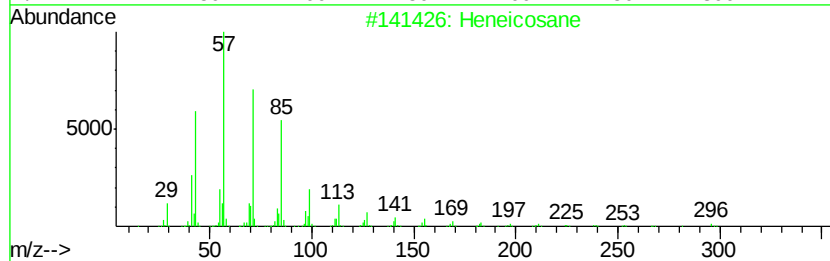
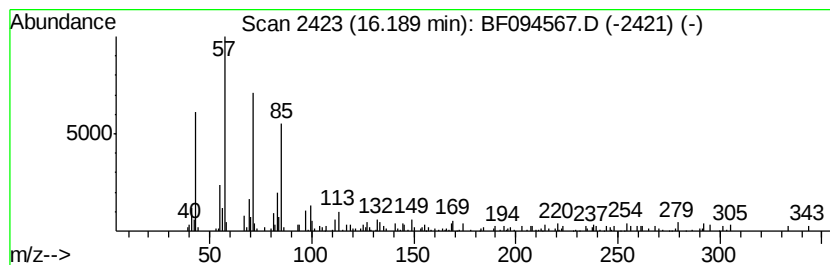
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	2.57 ng	96246	Perylene-d12	16.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Nonadecane	268	C19H40	000629-92-5	86
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
5		Heptadecane, 9-octyl-	352	C25H52	007225-64-1	86



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
Data File : BF094567.D
Acq On : 21 Apr 2017 17:23
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Misc :
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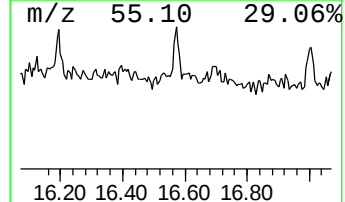
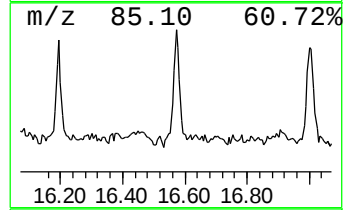
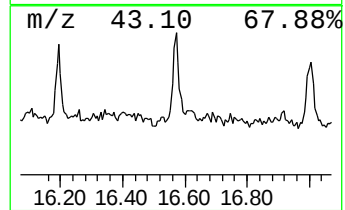
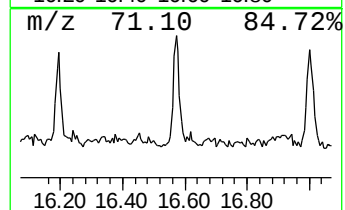
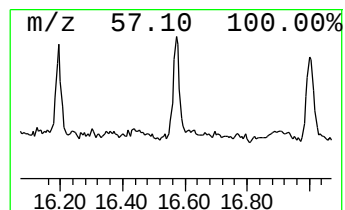
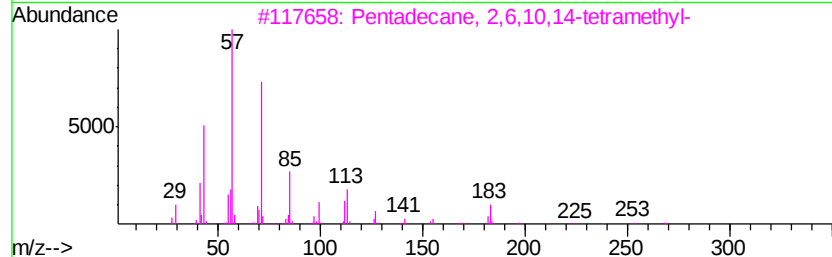
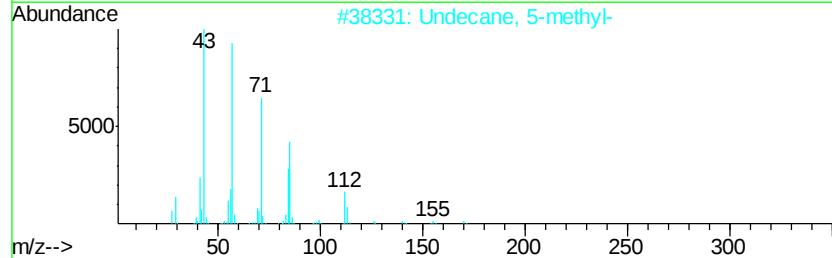
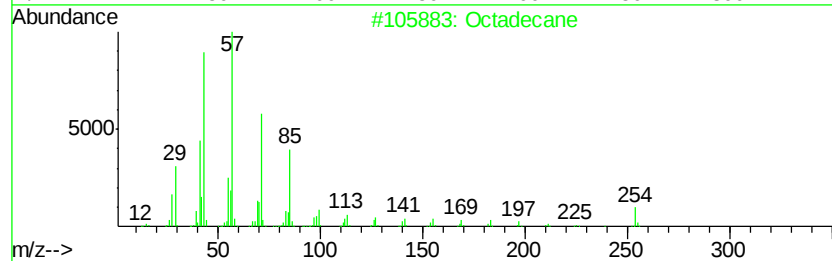
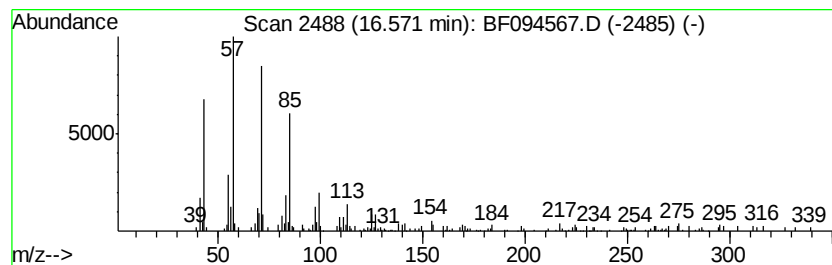
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.57	3.53 ng	132143	Perylene-d12	16.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Octadecane	254 C18H38	000593-45-3	86
2	Undecane, 5-methyl-	170 C12H26	001632-70-8	64
3	Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6	58
4	Heneicosane	296 C21H44	000629-94-7	58
5	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	52



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
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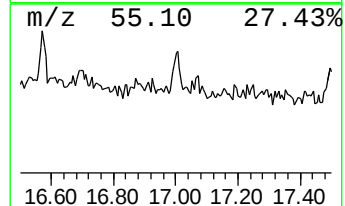
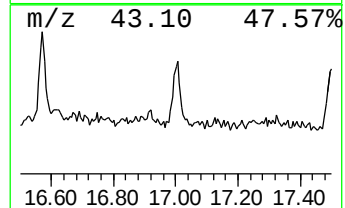
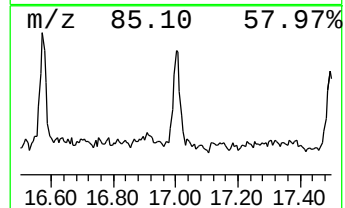
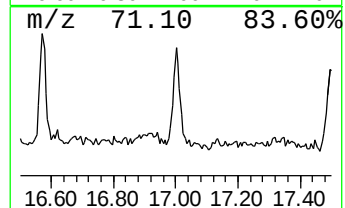
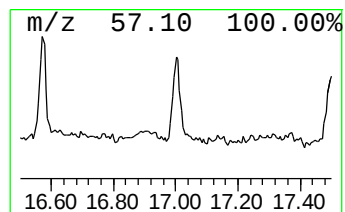
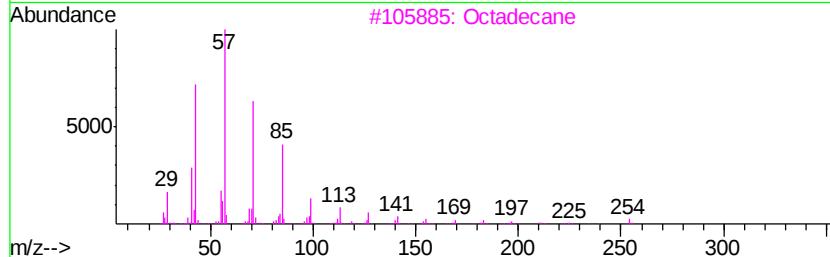
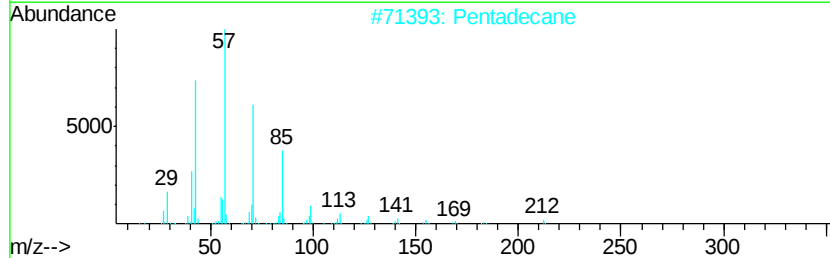
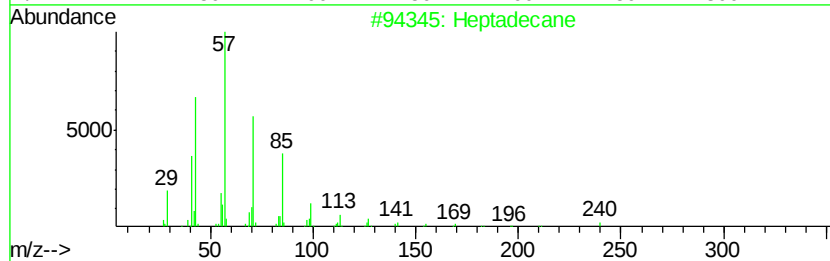
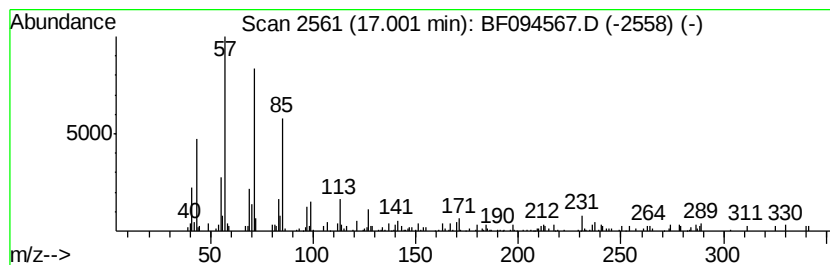
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.00	3.48 ng	130514	Perylene-d12	16.08
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240 C17H36	000629-78-7	87
2	Pentadecane	212 C15H32	000629-62-9	81
3	Octadecane	254 C18H38	000593-45-3	74
4	Octadecane, 2-methyl-	268 C19H40	001560-88-9	72
5	Hexadecane, 7,9-dimethyl-	254 C18H38	021164-95-4	72



Data Path : Z:\HPCHEM1\BNA_F\Data\BF042117\
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 Sample : I2783-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041717.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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3-Penten-2-one, 4...	3.38	228.1	ng	6997640	1	5.76	613577	20.0
2-Pentanone, 4-hy...	3.94	234.7	ng	7199180	1	5.76	613577	20.0
2-Cyclohexen-1-on...	6.13	4.6	ng	140766	1	5.76	613577	20.0
Naphthalene, 1,2,...	10.36	2.1	ng	89851	4	11.21	858690	20.0
Heptacosane	10.57	2.4	ng	103110	4	11.21	858690	20.0
1,2-Benzenedicarb...	11.71	3.9	ng	167628	4	11.21	858690	20.0
Phthalic acid, bu...	12.04	5.5	ng	236962	4	11.21	858690	20.0
Phthalic acid, is...	12.22	2.4	ng	103724	4	11.21	858690	20.0
Phthalic acid, cy...	12.42	3.4	ng	145766	4	11.21	858690	20.0
n-Tetracosanol-1	14.35	6.6	ng	268367	5	14.45	818731	20.0
Sulfurous acid, o...	15.14	2.5	ng	101405	5	14.45	818731	20.0
9-Octadecenamide,...	15.45	5.1	ng	191699	6	16.08	749614	20.0
1,2-Benzenedicarb...	15.57	2.8	ng	103246	6	16.08	749614	20.0
Docosane, 11-decyl-	15.85	2.6	ng	96144	6	16.08	749614	20.0
Heneicosane	16.19	2.6	ng	96246	6	16.08	749614	20.0
Octadecane	16.57	3.5	ng	132143	6	16.08	749614	20.0
Heptadecane	17.00	3.5	ng	130514	6	16.08	749614	20.0