

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
 Data File : BF082281.D
 Acq On : 14 Oct 2015 15:59
 Operator : UM/IZ
 Sample : G4015-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

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-BF101015.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	3.714	135	138	146	rVB	12369	22469	1.07%	0.103%
2	4.320	188	191	199	rBV	69643	106016	5.04%	0.486%
3	4.994	247	250	259	rBV	741352	975592	46.36%	4.469%
4	5.417	284	287	289	rBV	1304378	1291106	61.35%	5.914%
5	6.457	376	378	381	rBV	1284160	1279607	60.81%	5.862%
6	6.594	387	390	392	rBV	1035048	1438043	68.33%	6.588%
7	6.652	392	395	397	rVB2	90655	101971	4.85%	0.467%
8	6.823	407	410	413	rBV	471693	438240	20.82%	2.008%
9	6.983	421	424	426	rBV	928002	1222222	58.08%	5.599%
10	7.143	435	438	442	rVB2	19933	34198	1.63%	0.157%
11	7.394	458	460	461	rBV	993579	963101	45.77%	4.412%
12	7.417	461	462	465	rVB	171765	145767	6.93%	0.668%
13	7.852	496	500	505	rBV3	34441	79453	3.78%	0.364%
14	8.114	519	523	525	rBV2	546340	748933	35.59%	3.431%
15	8.400	546	548	551	rBV3	14921	28622	1.36%	0.131%
16	8.526	557	559	562	rVB	49257	51045	2.43%	0.234%
17	8.606	564	566	568	rBV2	13461	22491	1.07%	0.103%
18	8.697	572	574	577	rBV	248345	323862	15.39%	1.484%
19	8.823	579	585	587	rBV	88515	130906	6.22%	0.600%
20	8.880	587	590	592	rBV	402111	458938	21.81%	2.102%
21	8.915	592	593	595	rVB2	102536	132389	6.29%	0.606%
22	8.983	597	599	600	rBV	30837	24583	1.17%	0.113%
23	9.029	600	603	604	rBV2	18573	36481	1.73%	0.167%
24	9.132	608	612	613	rBV	57790	96651	4.59%	0.443%
25	9.189	615	617	620	rVV	1722517	1895031	90.05%	8.681%
26	9.269	622	624	626	rBV	353923	332568	15.80%	1.523%
27	9.406	633	636	637	rBV2	17292	26135	1.24%	0.120%
28	9.452	637	640	643	rVB3	41362	92935	4.42%	0.426%
29	9.532	643	647	648	rBV2	44949	107802	5.12%	0.494%
30	9.589	650	652	653	rVV	503839	431895	20.52%	1.978%
31	9.623	653	655	656	rVB2	80633	101281	4.81%	0.464%
32	9.795	668	670	673	rVB	239197	230068	10.93%	1.054%
33	9.875	674	677	678	rVV	531374	670430	31.86%	3.071%
34	9.898	678	679	681	rVB2	16629	21071	1.00%	0.097%

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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.023	688	690	692	rBV2	13342	23412	1.11%	0.107%
36	10.115	696	698	700	rVB2	33626	39836	1.89%	0.182%
37	10.218	706	707	710	rVB2	18433	25955	1.23%	0.119%
38	10.298	712	714	716	rVB	263164	223397	10.62%	1.023%
39	10.515	730	733	736	rBV	64547	101011	4.80%	0.463%
40	10.663	743	746	748	rBV	1037379	1073224	51.00%	4.916%
41	10.778	754	756	760	rVB	216981	339872	16.15%	1.557%
42	10.961	770	772	773	rBV2	29129	32456	1.54%	0.149%
43	11.098	782	784	788	rBV5	35088	81496	3.87%	0.373%
44	11.223	793	795	796	rBV	218203	191555	9.10%	0.877%
45	11.246	796	797	801	rVB	76784	101553	4.83%	0.465%
46	11.361	805	807	809	rBV	751362	728577	34.62%	3.338%
47	11.532	820	822	824	rBV3	31809	47060	2.24%	0.216%
48	11.601	826	828	830	rVV2	46159	75517	3.59%	0.346%
49	11.646	830	832	834	rVB	136113	166323	7.90%	0.762%
50	11.886	851	853	855	rBV3	78335	101261	4.81%	0.464%
51	12.058	866	868	870	rBV	126899	106789	5.07%	0.489%
52	12.446	900	902	908	rVB	67005	81804	3.89%	0.375%
53	12.824	933	935	937	rBV2	67201	92813	4.41%	0.425%
54	12.961	944	947	949	rBV	1866156	2104428	100.00%	9.640%
55	13.452	987	990	992	rBV	65361	156351	7.43%	0.716%
56	13.887	1025	1028	1032	rVB	162893	281360	13.37%	1.289%
57	14.047	1040	1042	1045	rVB	579695	576808	27.41%	2.642%
58	14.881	1113	1115	1119	rBV	227347	336391	15.98%	1.541%
59	15.578	1173	1176	1183	rVB	391799	678565	32.24%	3.108%

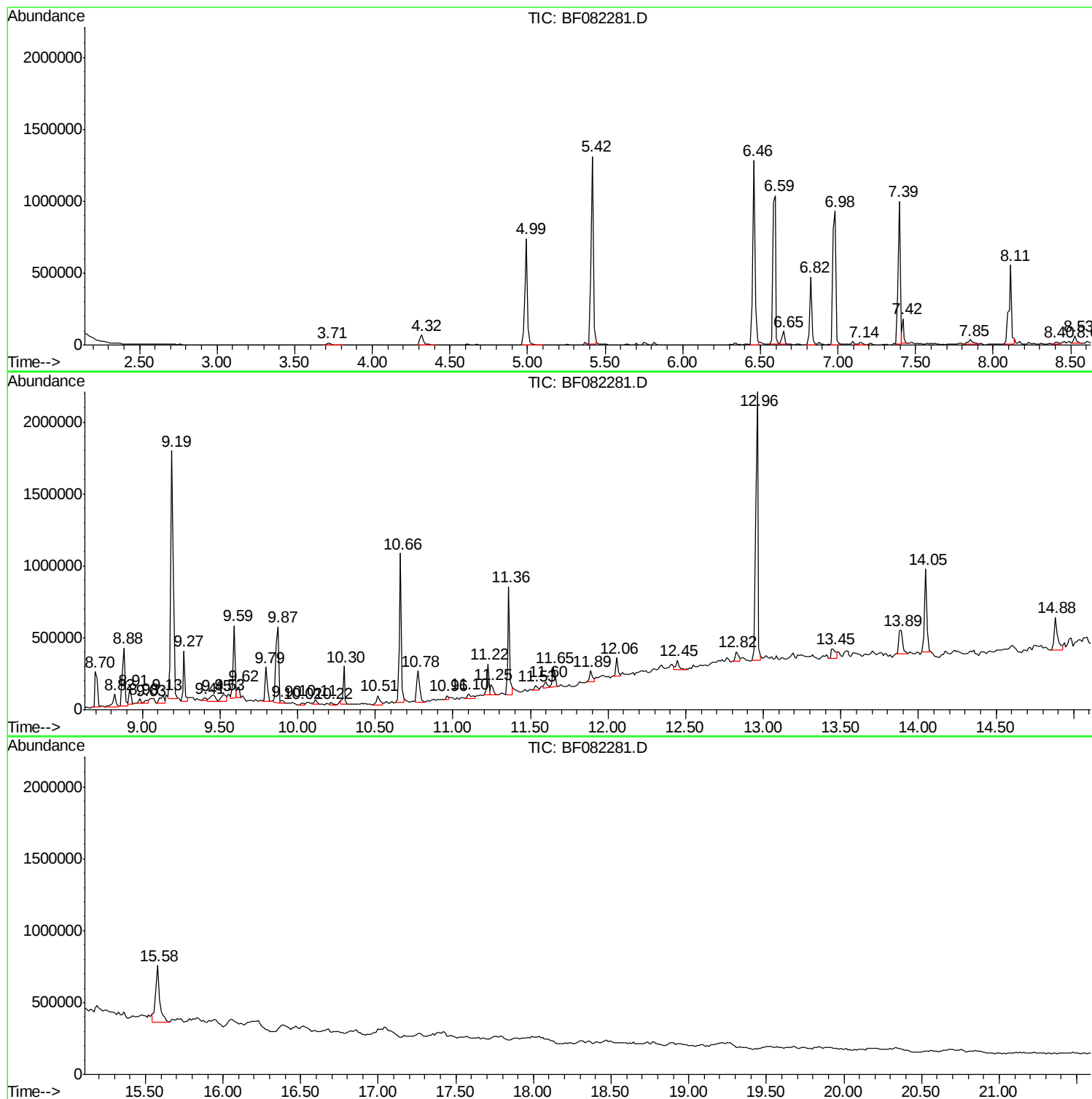
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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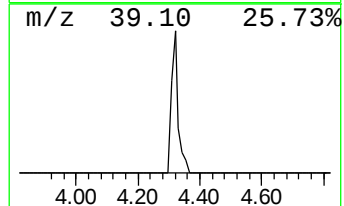
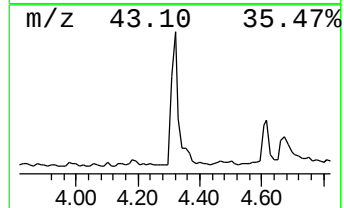
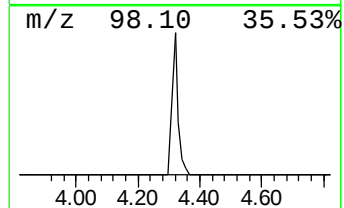
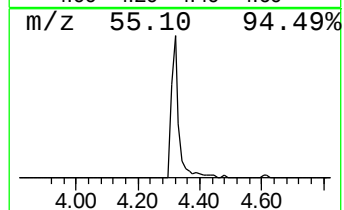
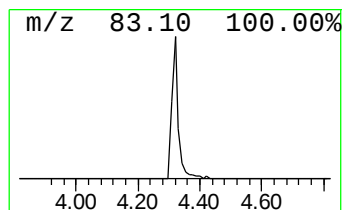
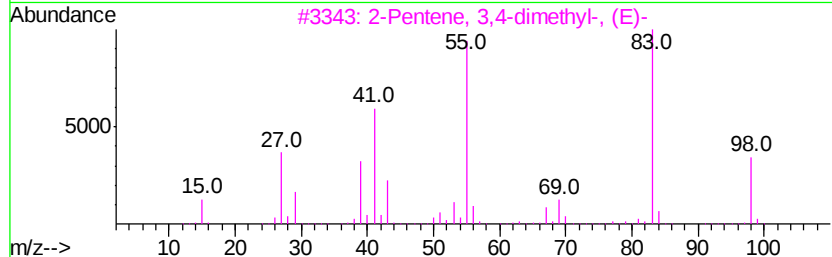
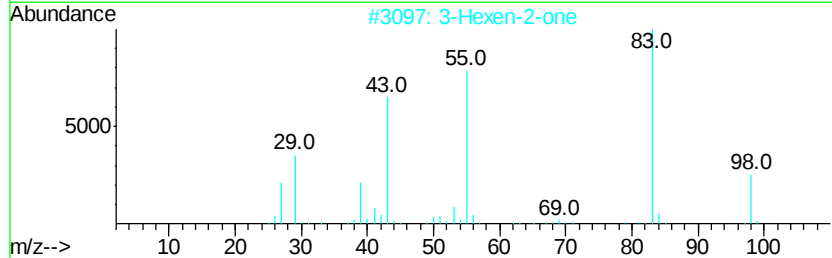
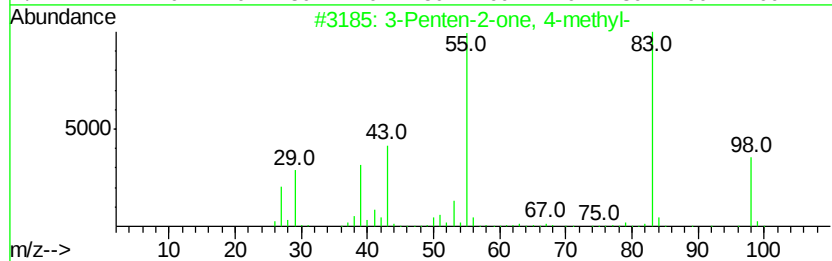
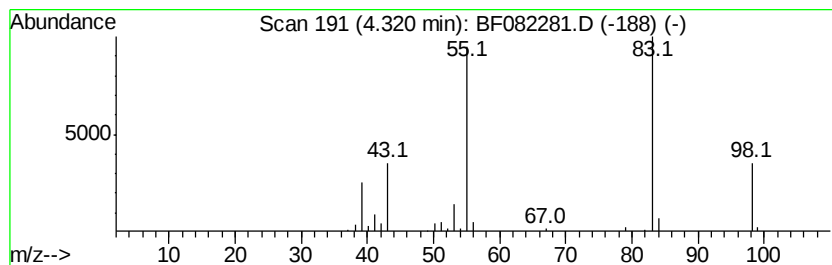
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	4.84 ng	106016	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	95
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, 2,4-dimethyl-	98	C7H14	000625-65-0	87
5		2-Pentene, 4,4-dimethyl-, (Z)-	98	C7H14	000762-63-0	86



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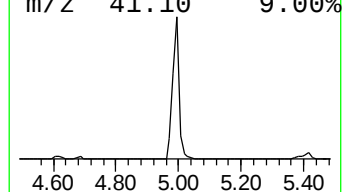
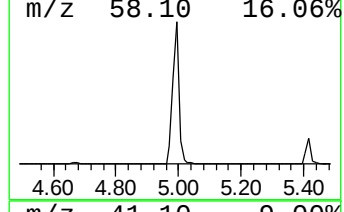
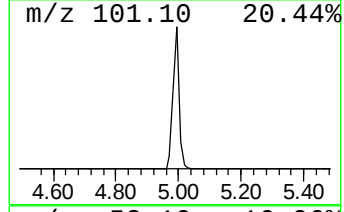
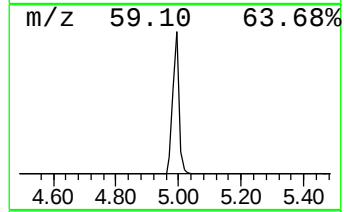
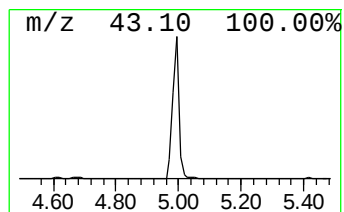
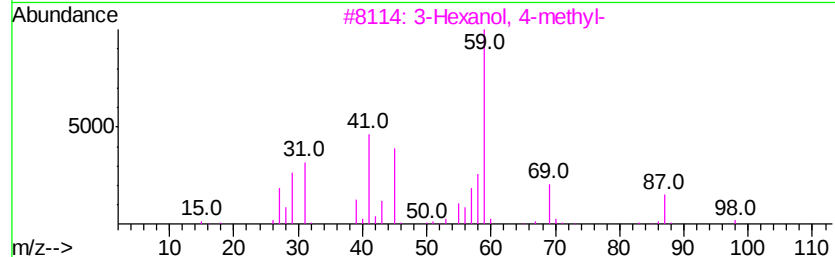
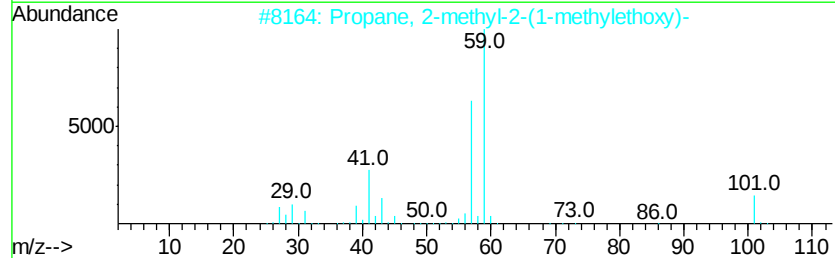
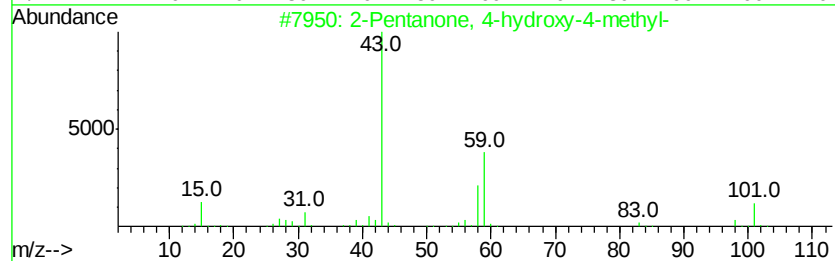
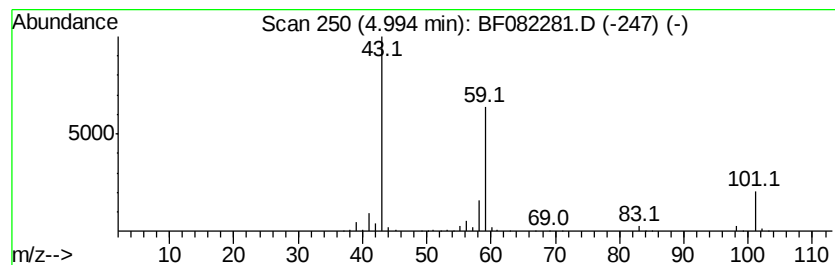
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	44.52 ng	975592	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	36
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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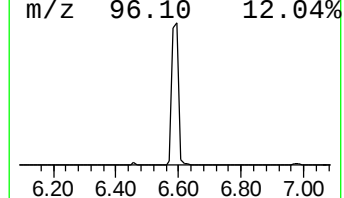
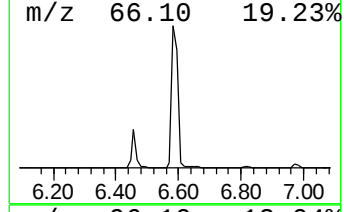
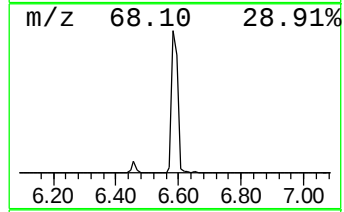
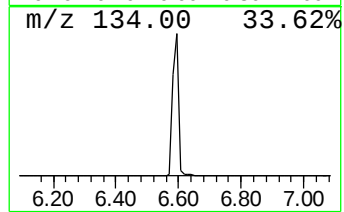
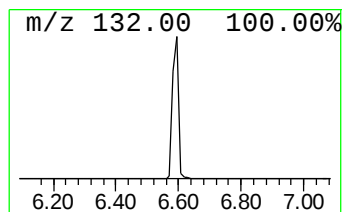
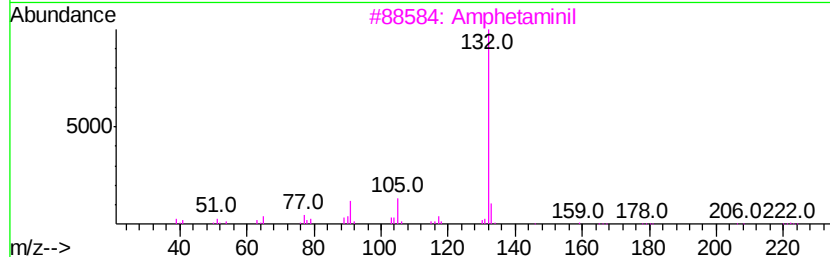
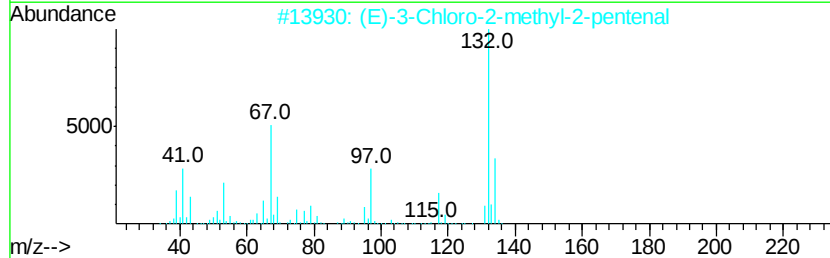
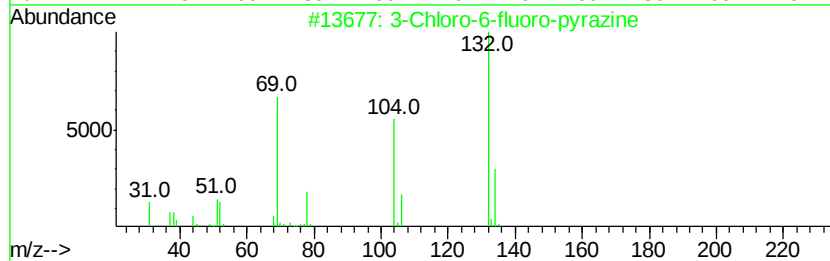
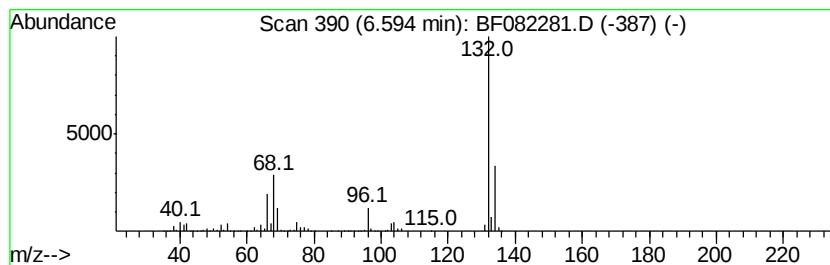
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	65.63 ng	1438040	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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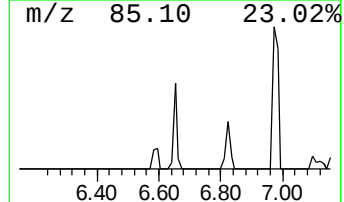
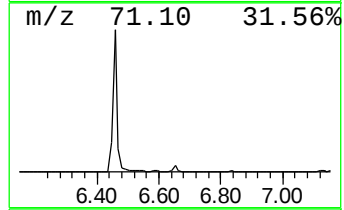
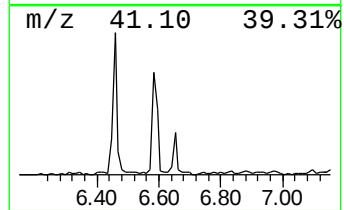
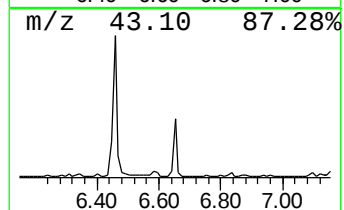
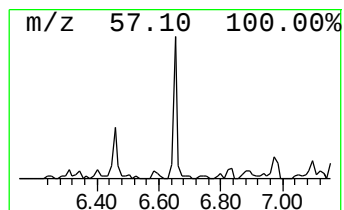
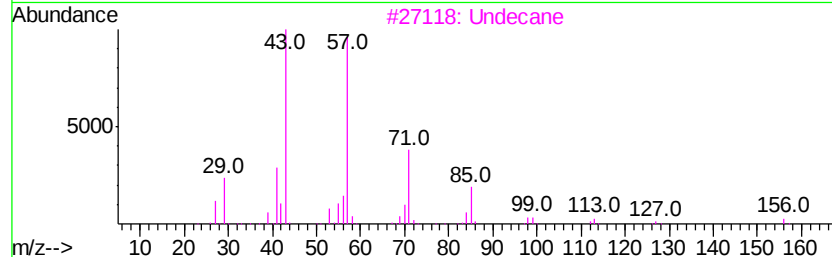
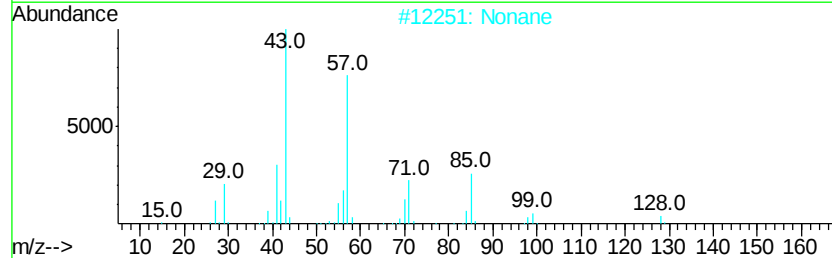
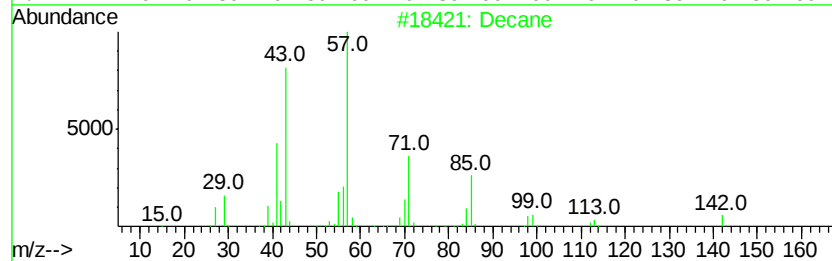
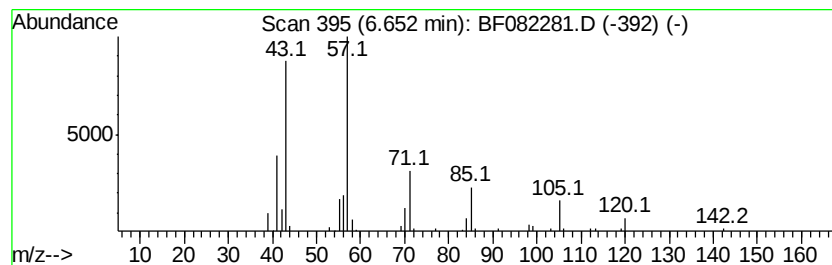
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Decane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	4.65 ng	101971	1,4-Dichlorobenzene-d4	6.82

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	80
2	Nonane		128	C9H20	000111-84-2	72
3	Undecane		156	C11H24	001120-21-4	64
4	Octane		114	C8H18	000111-65-9	58
5	Eicosane		282	C20H42	000112-95-8	53



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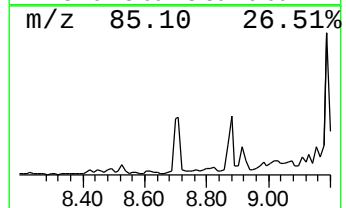
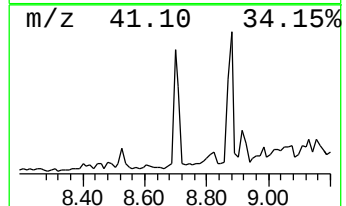
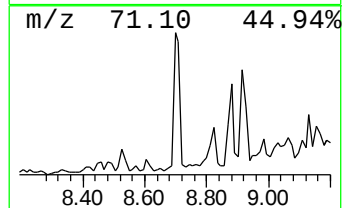
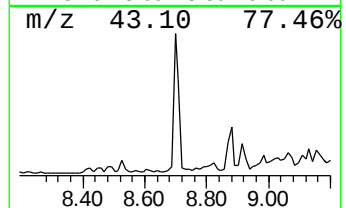
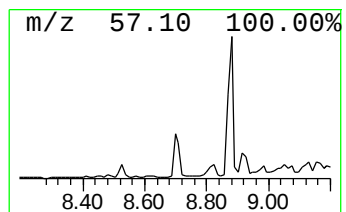
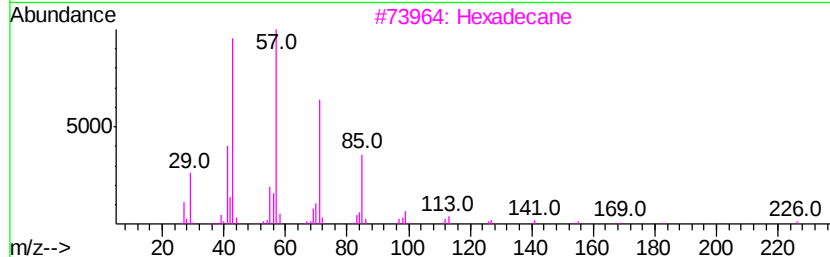
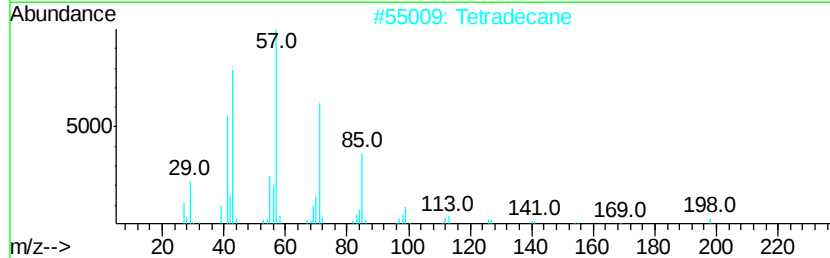
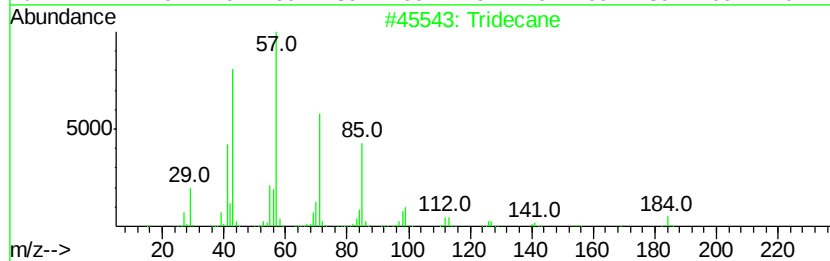
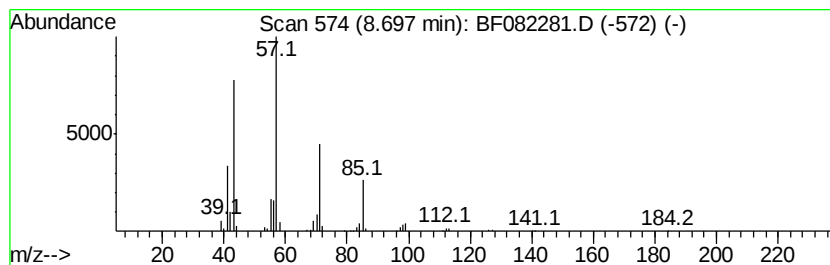
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	8.65 ng	323862	Napthalene-d8	8.11	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tetradecane	198	C14H30	000629-59-4	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	78
5	Nonane, 5-butyl-	184	C13H28	017312-63-9	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CW-1

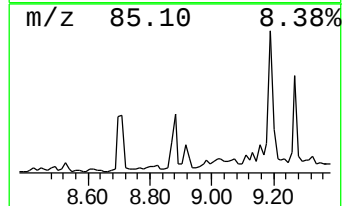
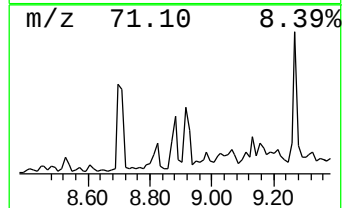
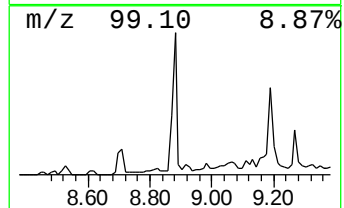
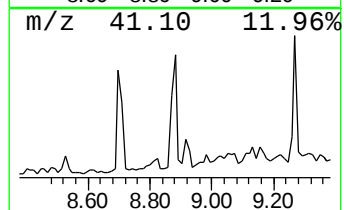
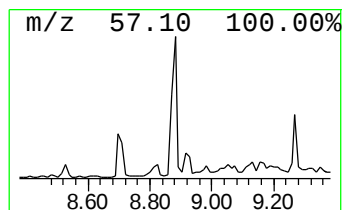
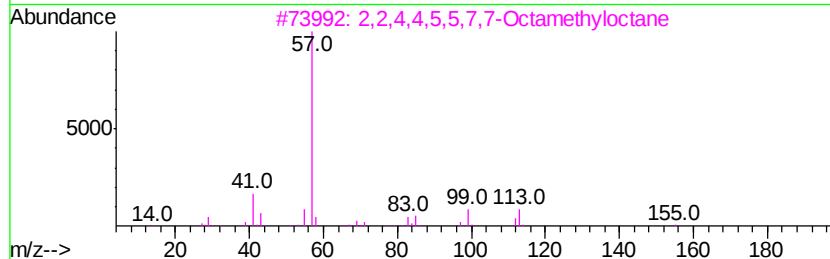
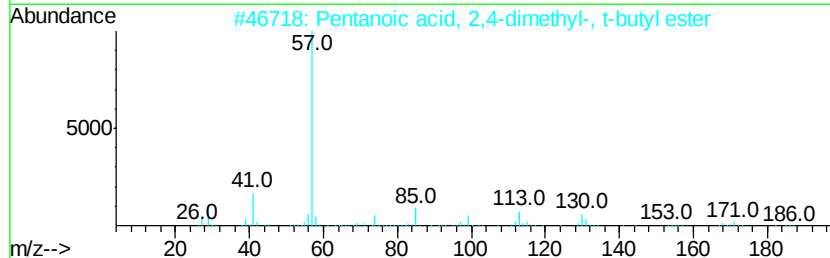
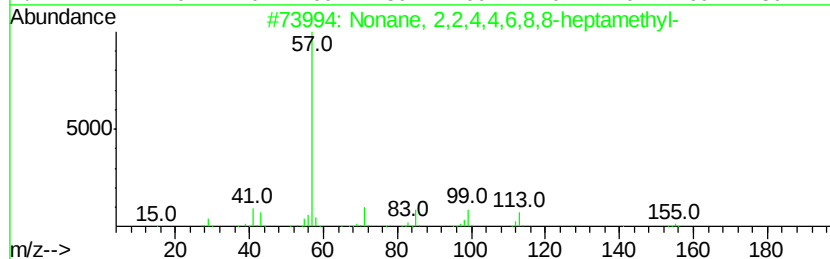
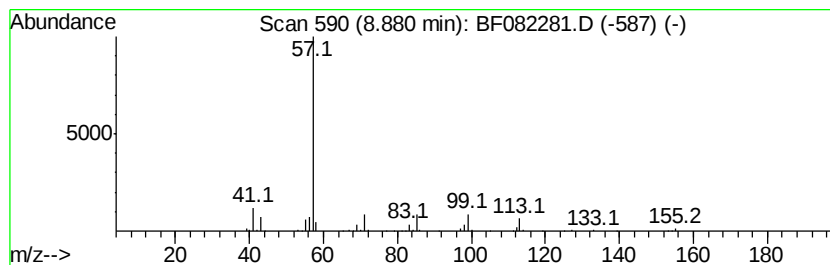
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Nonane, 2,2,4,4,6,8,8-hepta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.88	12.26 ng	458938	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	83
2		Pentanoic acid, 2,4-dimethyl-, t...	186	C11H22O2	1000163-75-4	59
3		2,2,4,4,5,5,7,7-Octamethyl-octane	226	C16H34	005171-85-7	53
4		Octadecane, 2,2,4,15,17,17-hexam...	591	C42H86	055470-97-8	50
5		Heptane, 2,2,4,6,6-pentamethyl-	170	C12H26	013475-82-6	45



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082281.D
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Misc :
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ClientSampleId :
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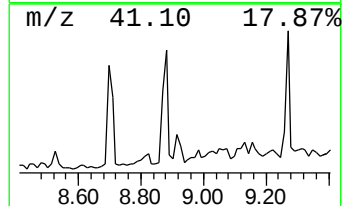
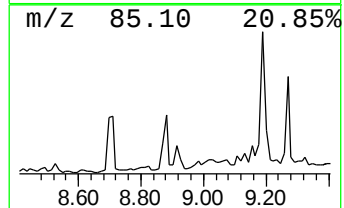
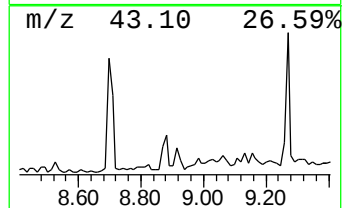
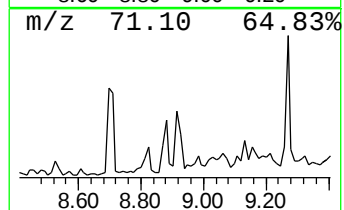
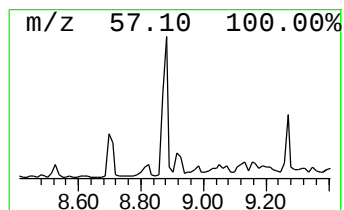
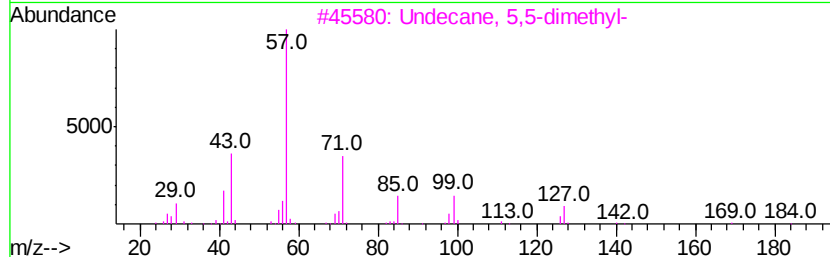
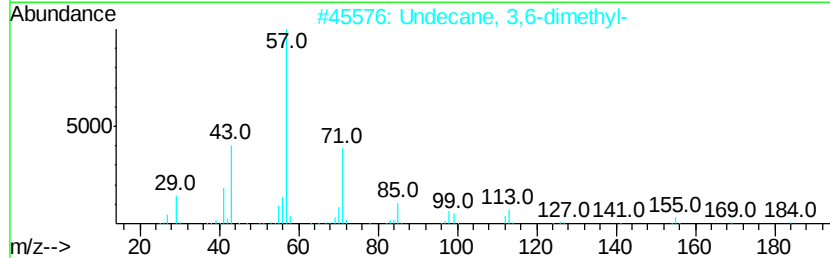
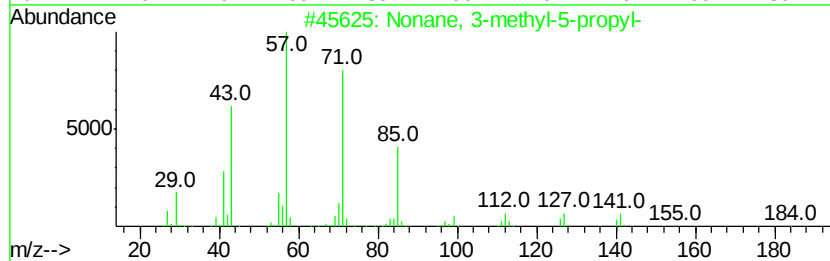
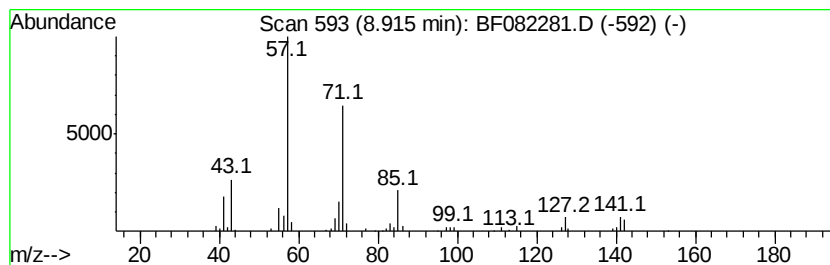
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonane, 3-methyl-5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.54 ng	132389	Naphthalene-d8	8.11

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Undecane, 5,5-dimethyl-	184	C13H28	017312-73-1	64
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	56
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	56



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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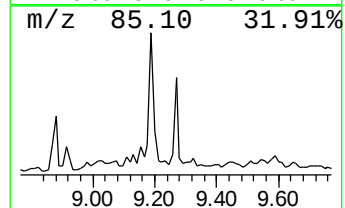
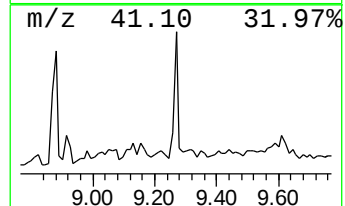
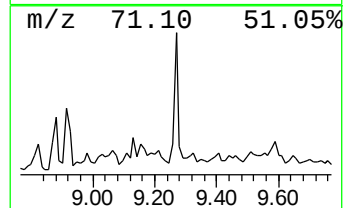
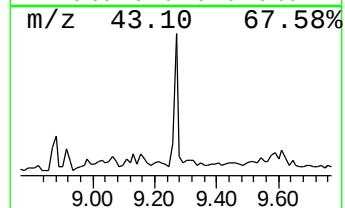
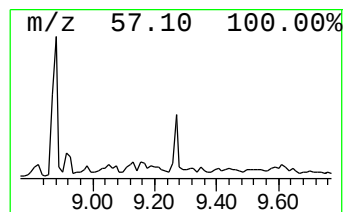
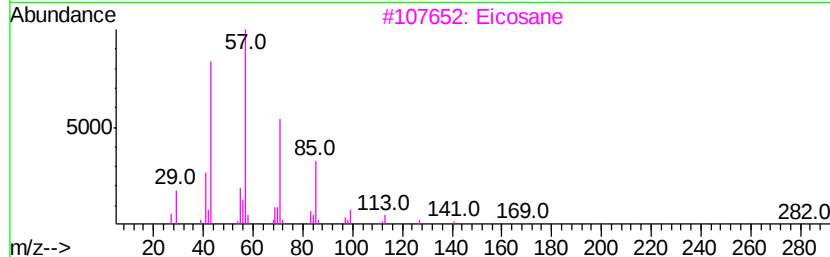
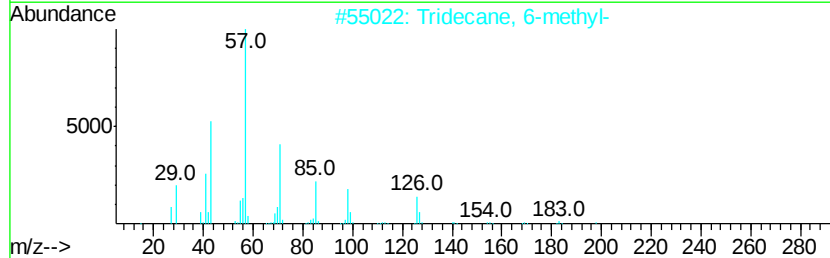
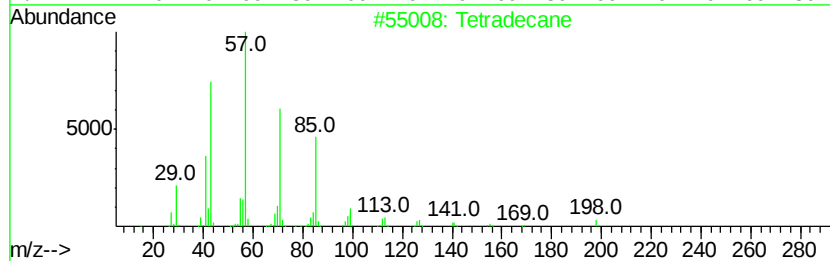
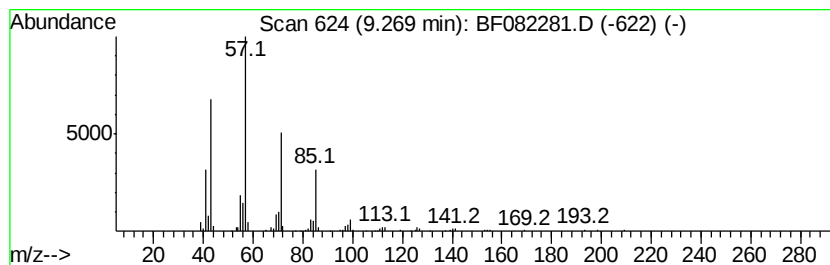
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	9.92 ng	332568	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	90
3		Eicosane	282	C20H42	000112-95-8	90
4		Hexadecane	226	C16H34	000544-76-3	90
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
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Sample : G4015-04
Misc :
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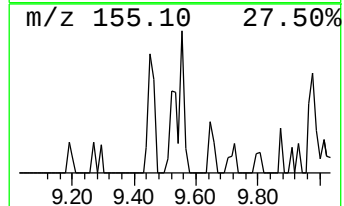
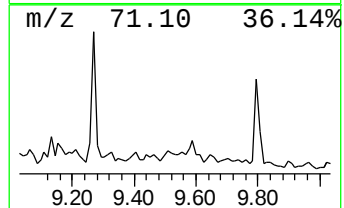
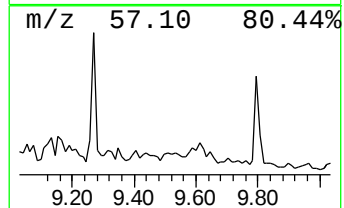
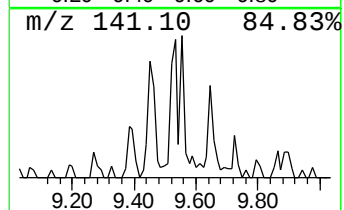
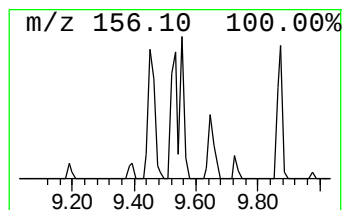
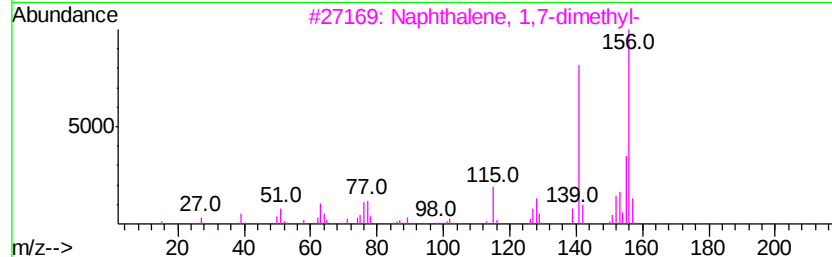
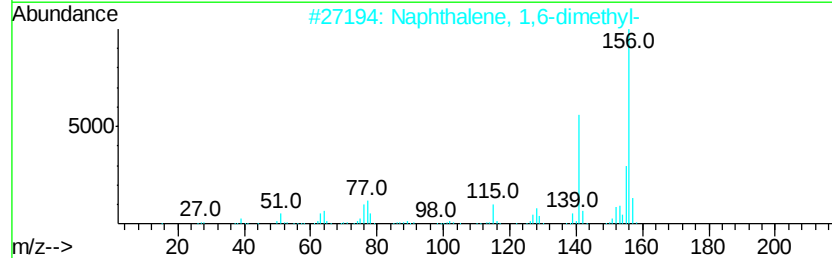
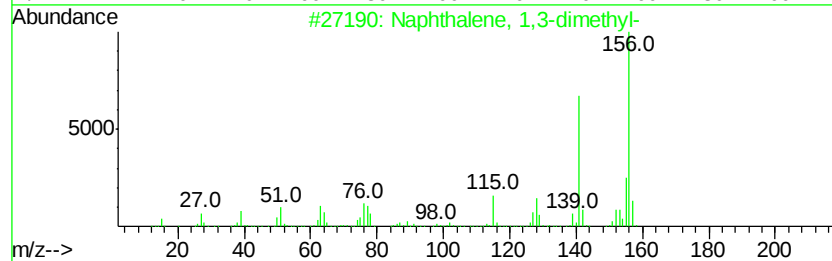
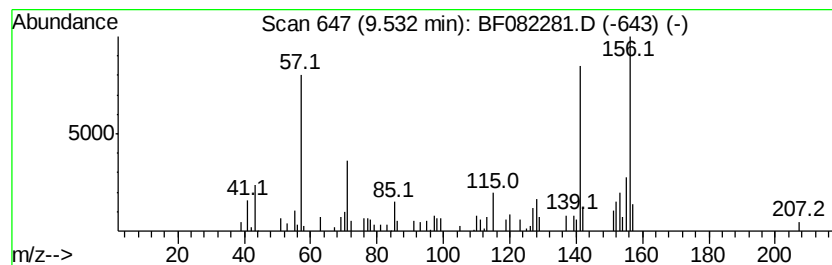
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	3.22 ng	107802	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
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Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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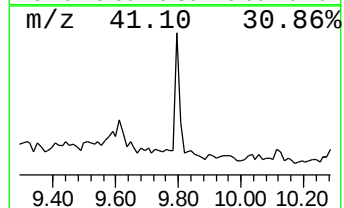
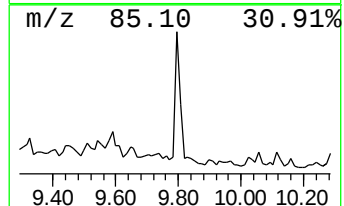
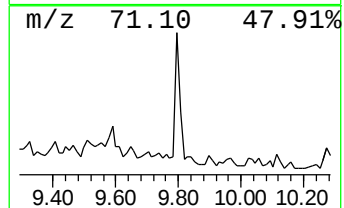
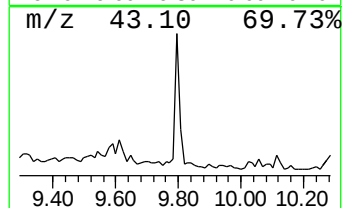
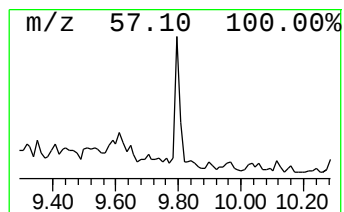
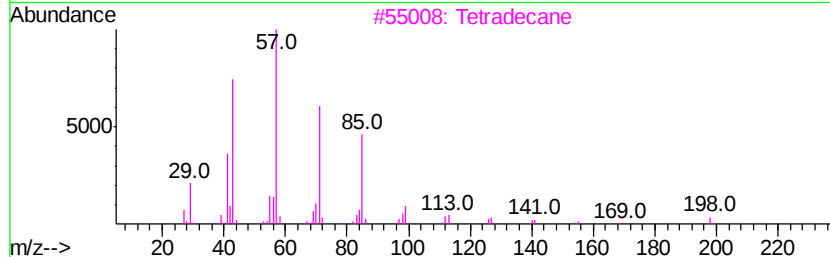
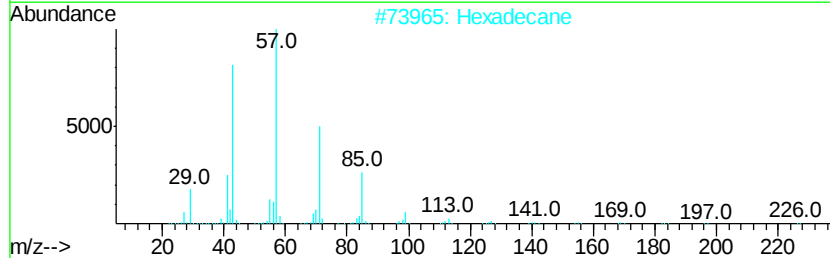
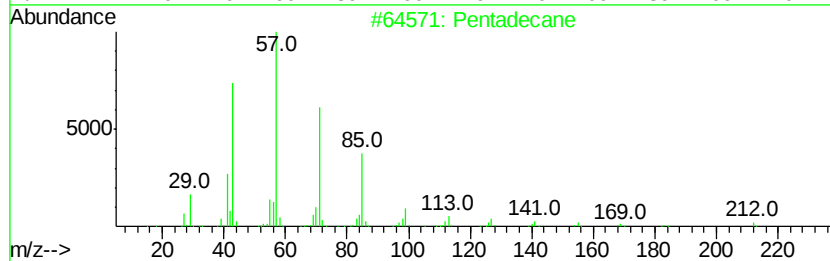
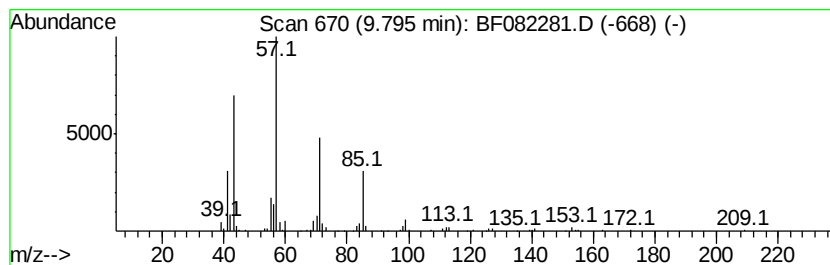
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	6.86 ng	230068	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane		212	C15H32	000629-62-9	86
2	Hexadecane		226	C16H34	000544-76-3	86
3	Tetradecane		198	C14H30	000629-59-4	80
4	Undecane, 3-methyl-		170	C12H26	001002-43-3	64
5	Eicosane		282	C20H42	000112-95-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
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Sample : G4015-04
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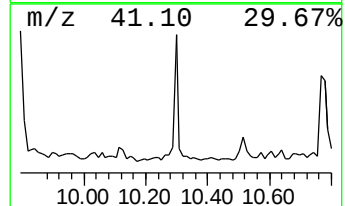
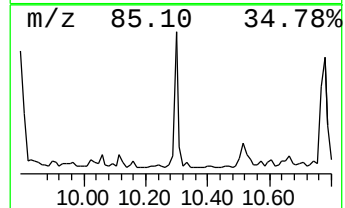
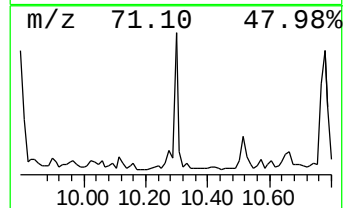
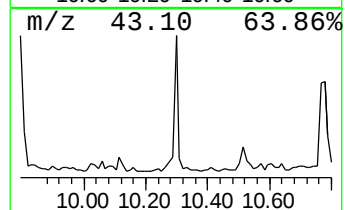
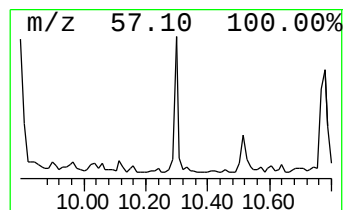
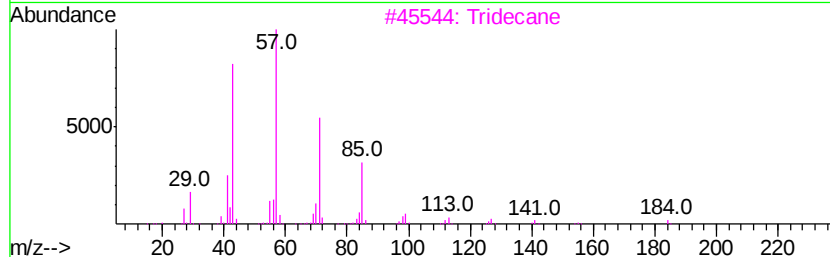
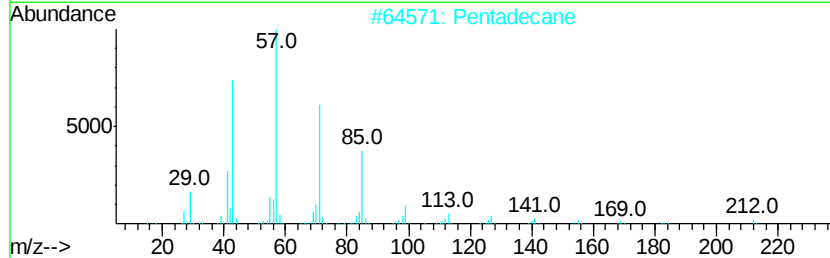
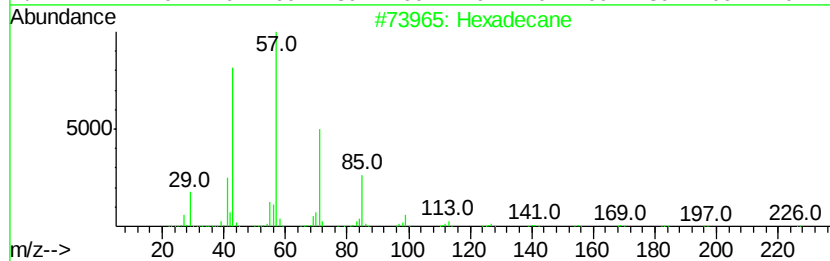
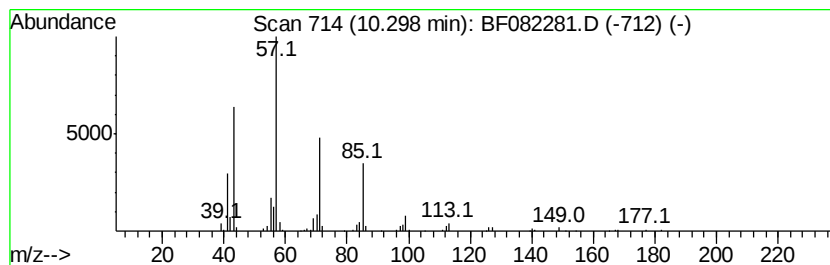
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.30	6.66 ng	223397	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Tridecane	184	C13H28	000629-50-5	78
4	Eicosane	282	C20H42	000112-95-8	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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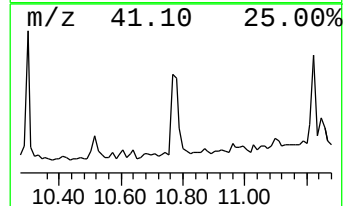
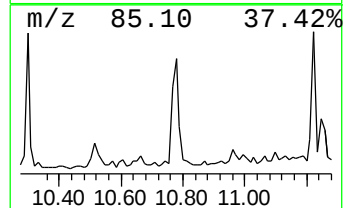
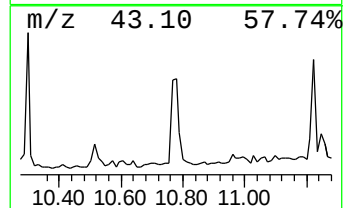
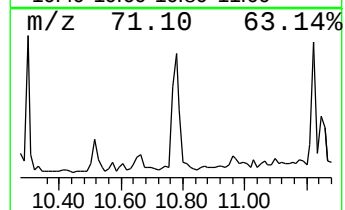
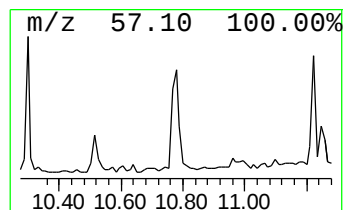
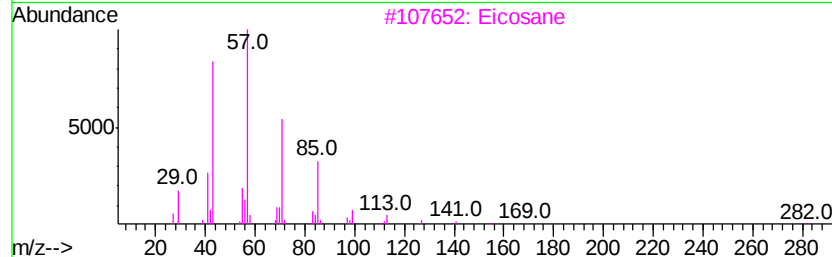
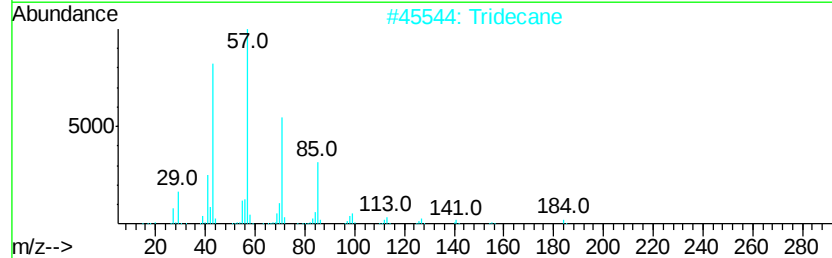
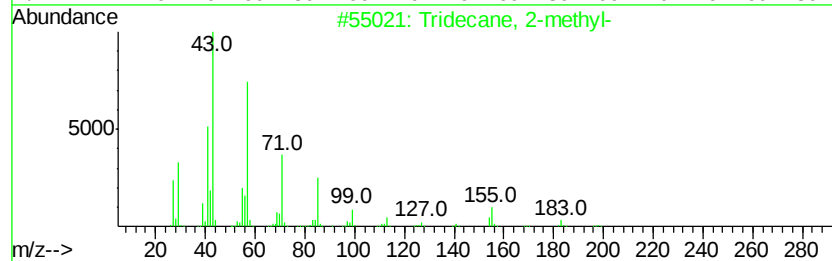
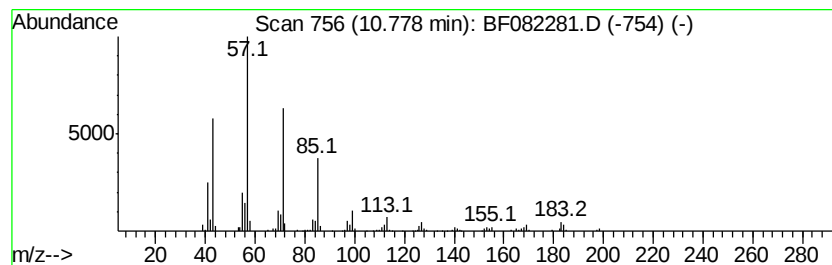
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	9.33 ng	339872	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	91
2		Tridecane	184	C13H28	000629-50-5	87
3		Eicosane	282	C20H42	000112-95-8	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

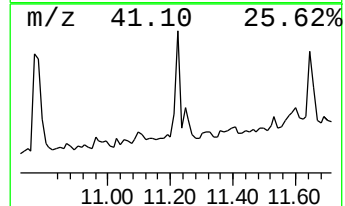
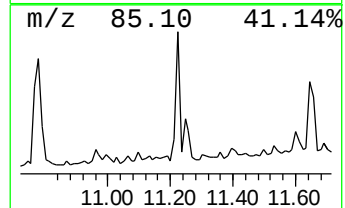
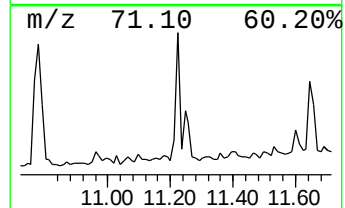
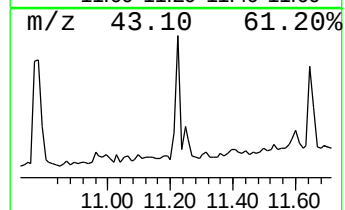
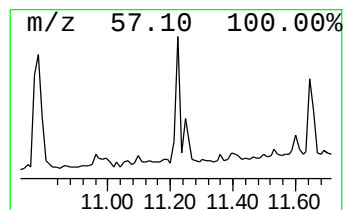
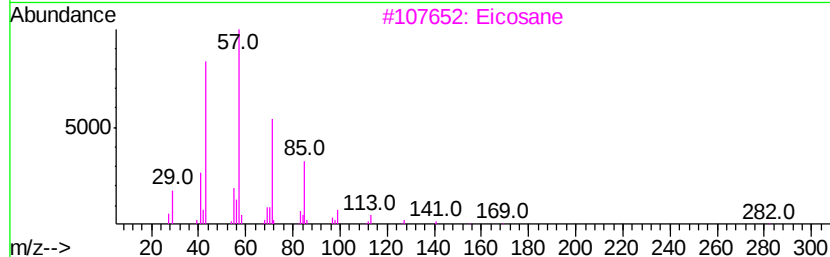
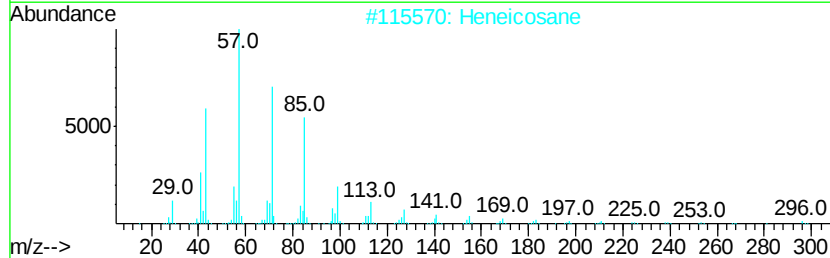
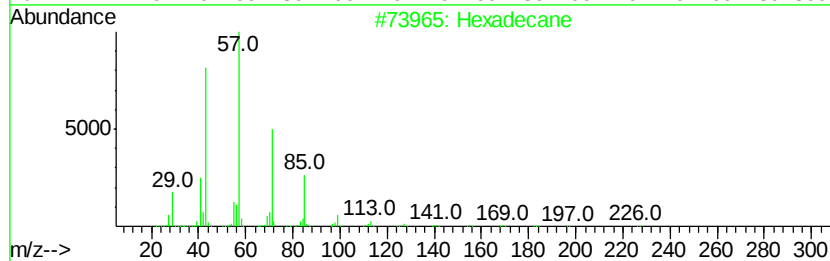
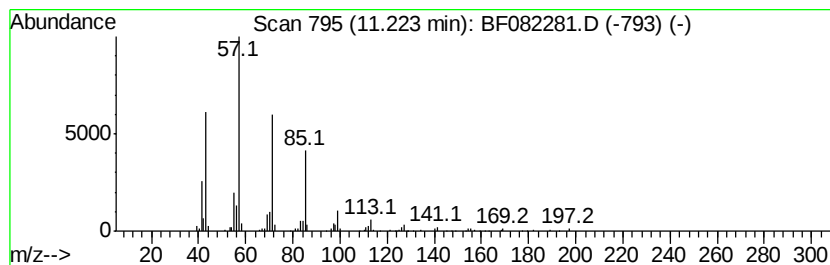
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heneicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.22	5.26 ng	191555	Phenanthrene-d10		11.36
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Heneicosane	296	C21H44	000629-94-7	90
3	Eicosane	282	C20H42	000112-95-8	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CW-1

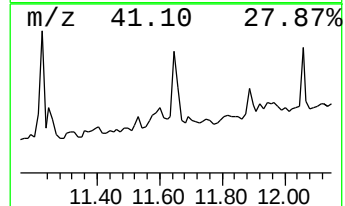
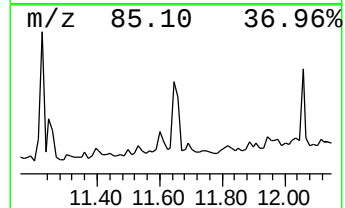
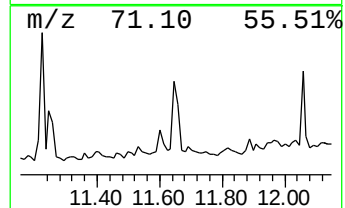
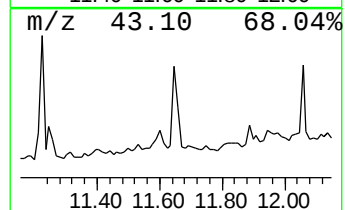
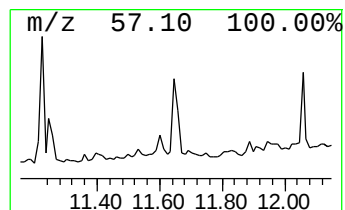
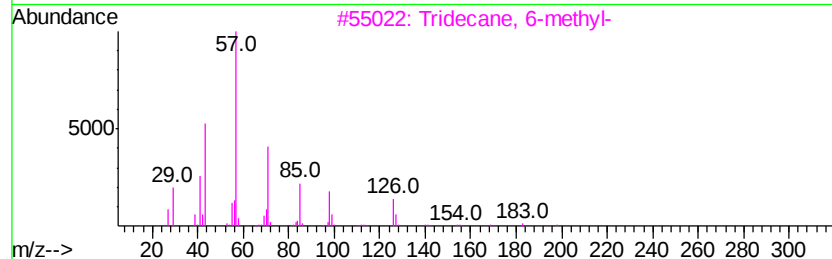
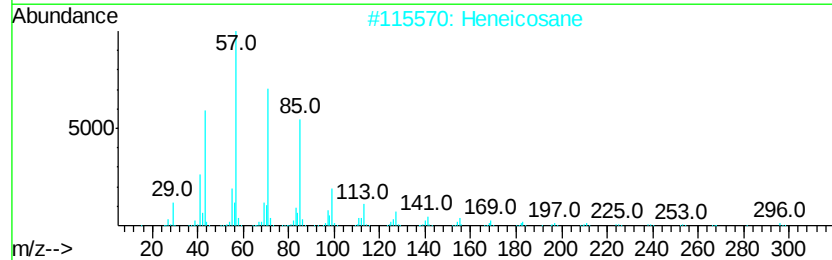
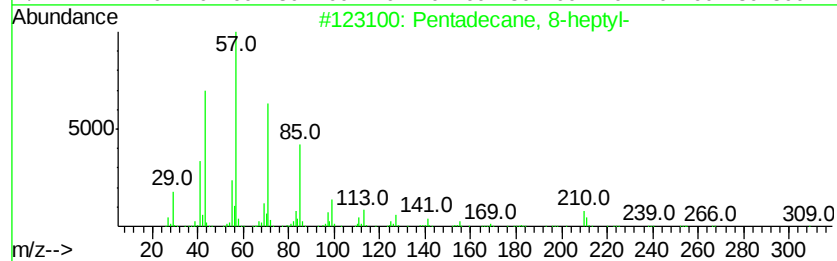
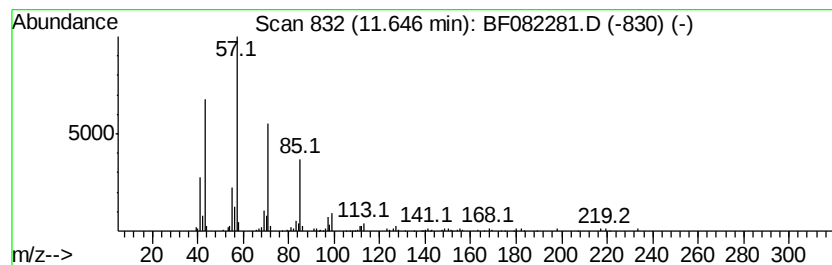
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pentadecane, 8-heptyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.65	4.57 ng	166323	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Eicosane	282	C20H42	000112-95-8	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

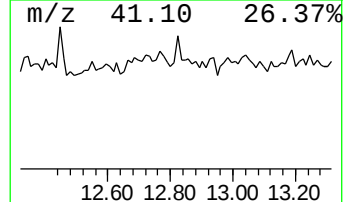
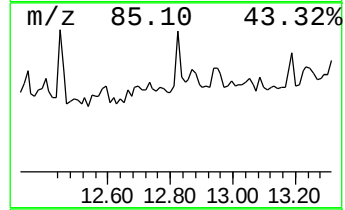
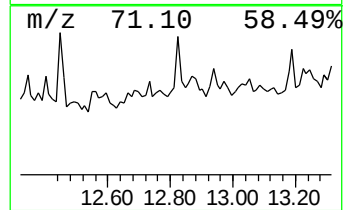
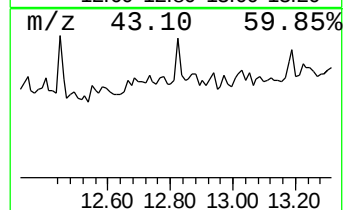
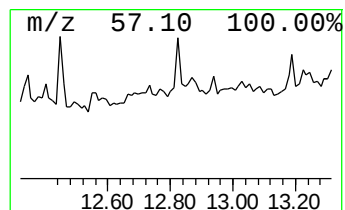
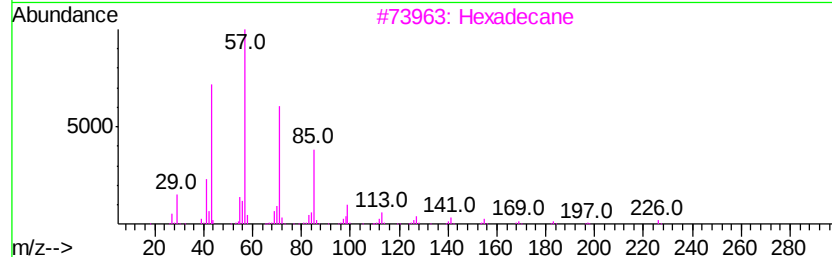
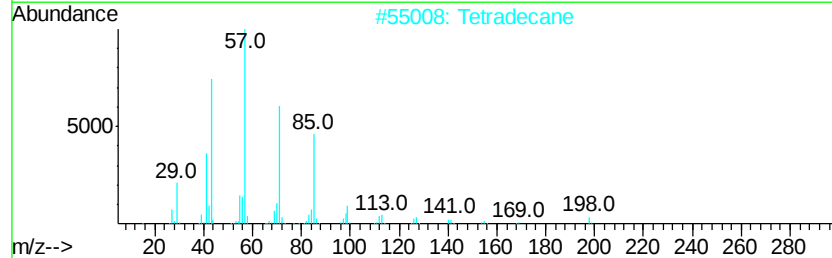
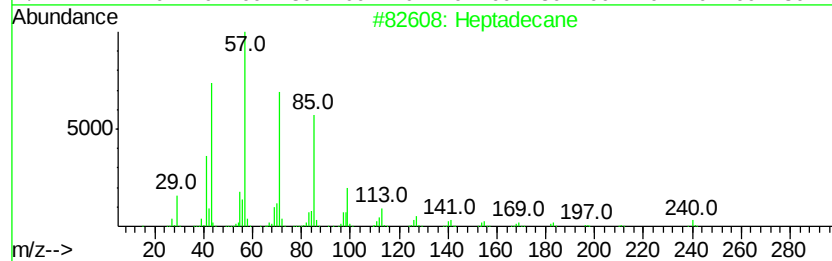
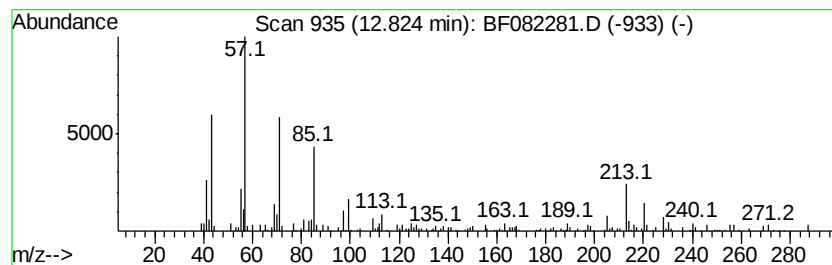
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.82	3.22 ng	92813	Chrysene-d12		14.05
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Tetradecane	198	C14H30	000629-59-4	55
3	Hexadecane	226	C16H34	000544-76-3	49
4	Pentadecane	212	C15H32	000629-62-9	49
5	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

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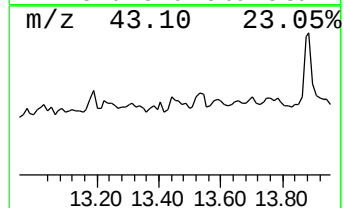
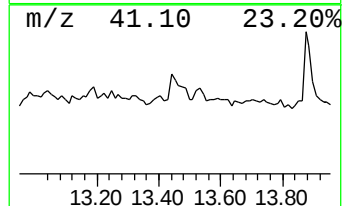
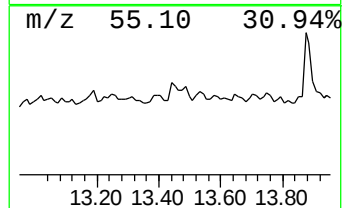
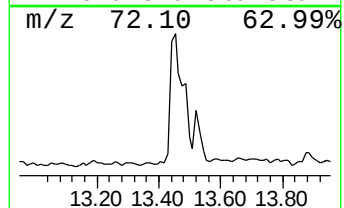
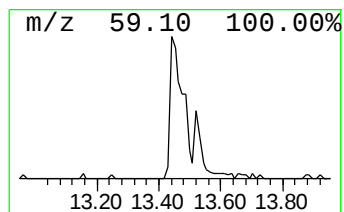
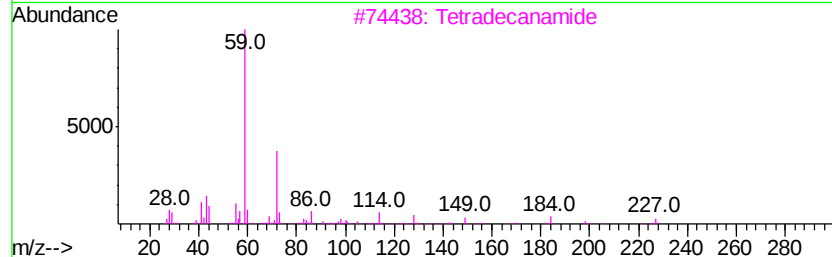
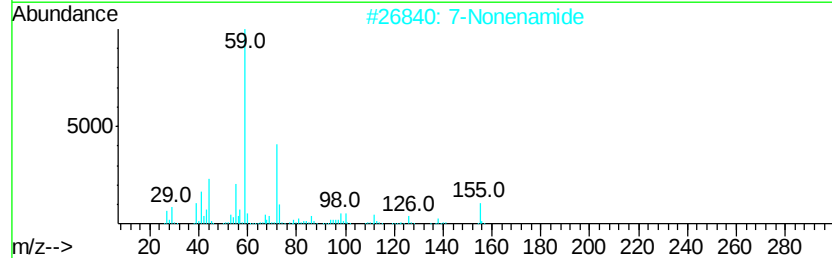
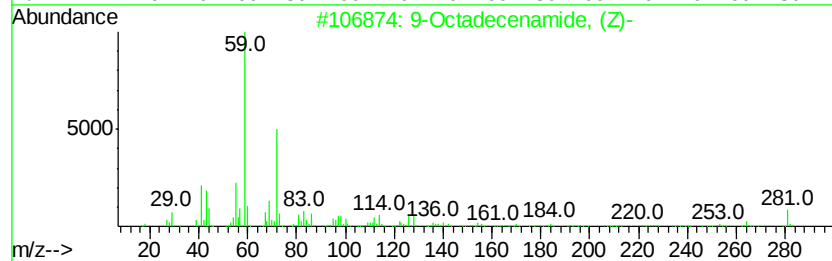
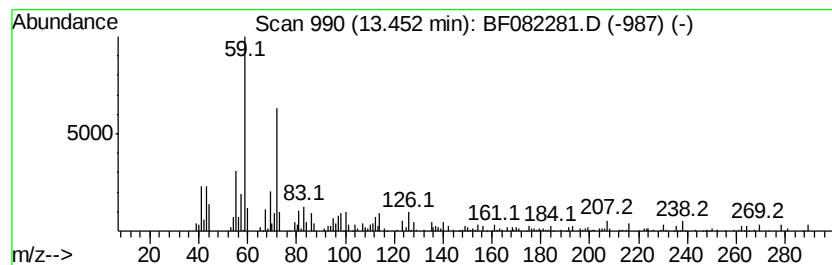
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 9-Octadecenamide, (Z)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	5.42 ng	156351	Chrysene-d12	14.05

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2			7-Nonenamide	155	C9H17NO	090949-53-4	64
3			Tetradecanamide	227	C14H29NO	000638-58-4	53
4			Heptanamide, 4-ethyl-5-methyl-	171	C10H21NO	054789-40-1	52
5			Benzeneethanamine, 2-fluoro-.bet...	229	C11H16FN03	061338-98-5	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
Operator : UM/IZ
Sample : G4015-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

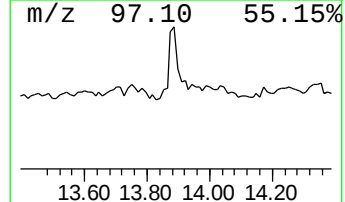
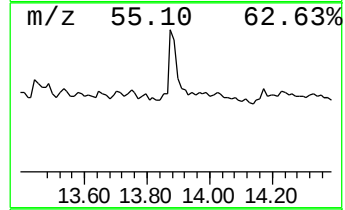
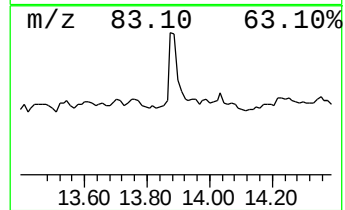
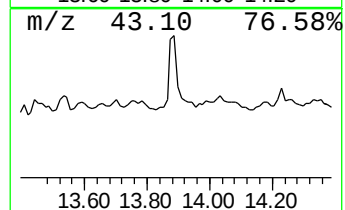
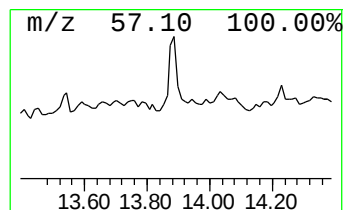
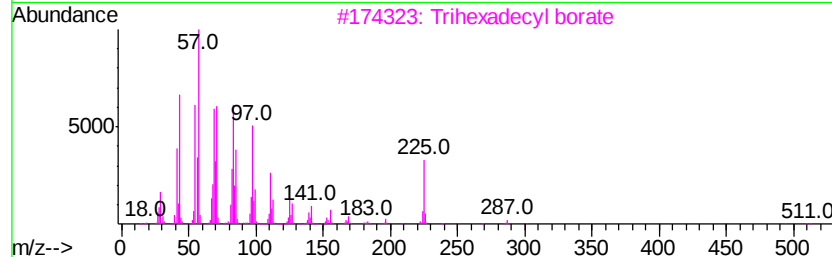
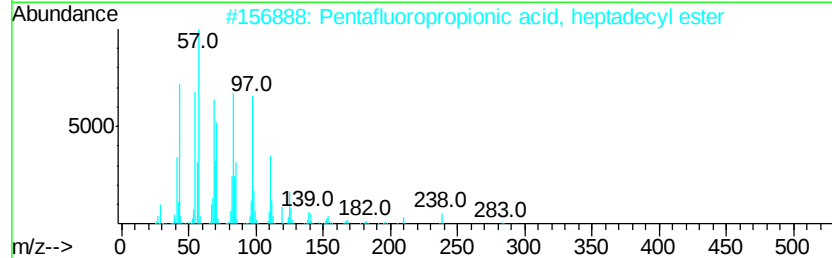
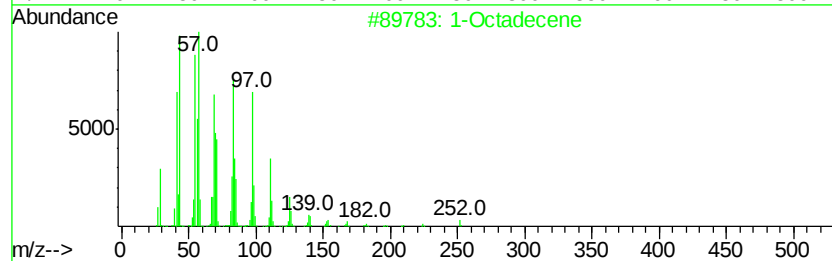
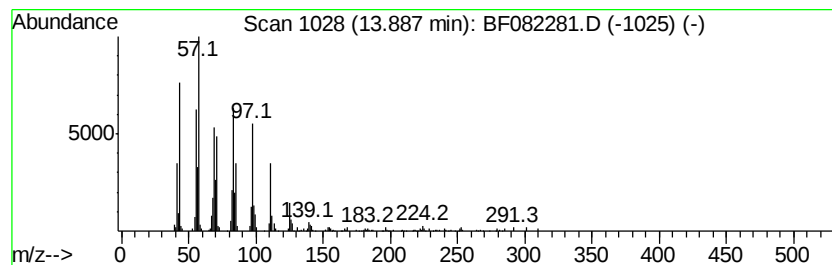
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 1-Octadecene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.89	9.76 ng	281360	Chrysene-d12	14.05	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Pentafluoropropionic acid, hepta...	402	C20H35F5O2	1000283-04-2	91
3	Trihexadecyl borate	735	C48H99B03	002665-11-4	91
4	Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF101515\
Data File : BF082281.D
Acq On : 14 Oct 2015 15:59
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Misc :
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ClientSampleId :
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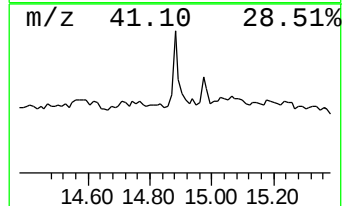
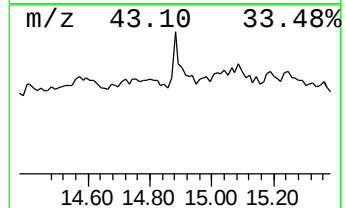
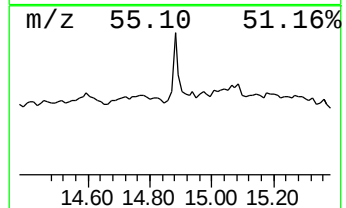
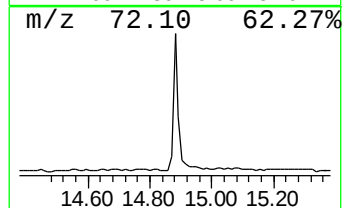
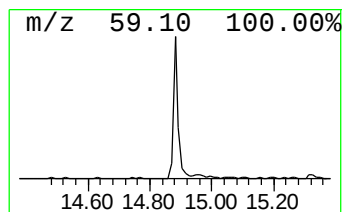
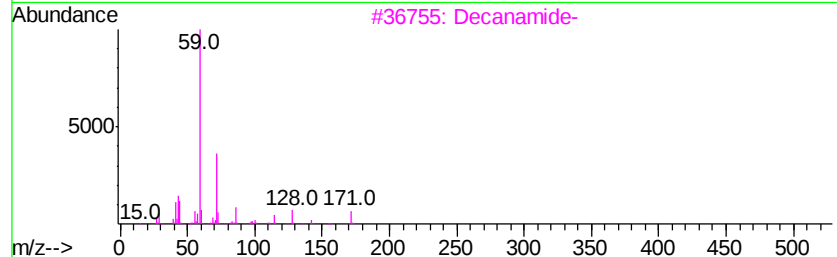
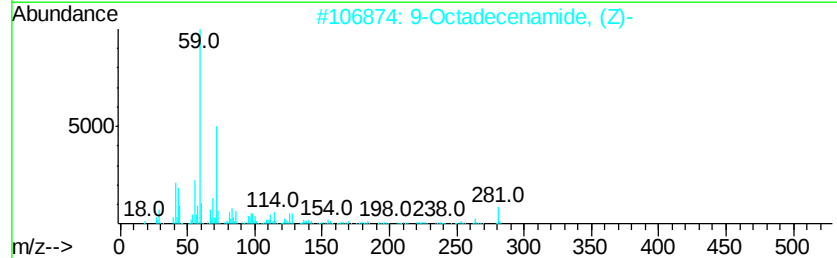
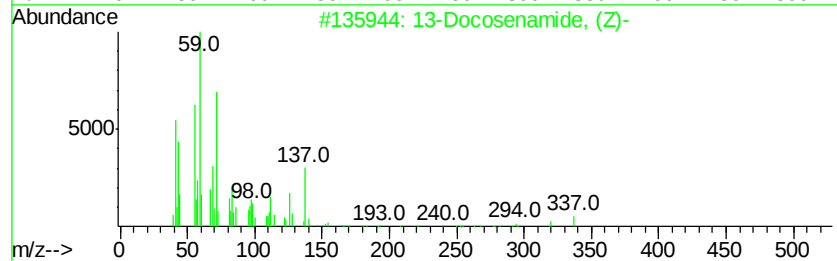
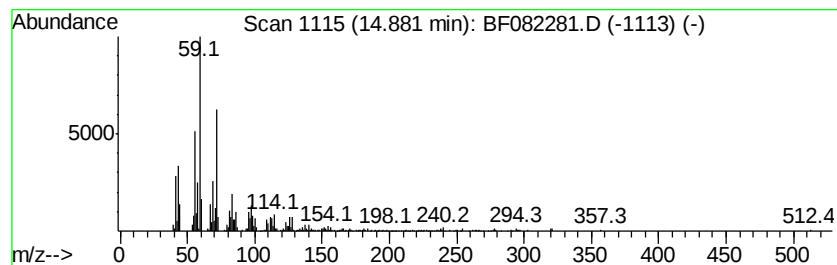
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 13-Docosenamide, (Z)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	9.91 ng	336391	Perylene-d12	15.58

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			13-Docosenamide, (Z)-	337	C22H43NO	000112-84-5	78
2			9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	72
3			Decanamide-	171	C10H21NO	002319-29-1	50
4			Silane, hexyl-	116	C6H16Si	001072-14-6	43
5			trans-2,7-Dimethyl-4,6-octadien-...	154	C10H18O	1000281-69-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF101515\
 Data File : BF082281.D
 Acq On : 14 Oct 2015 15:59
 Operator : UM/IZ
 Sample : G4015-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
3-Penten-2-one, 4...	4.32	4.8 ng		106016	1	6.82	438240	20.0
2-Pentanone, 4-hy...	4.99	44.5 ng		975592	1	6.82	438240	20.0
unknown6.59	6.59	65.6 ng		1438040	1	6.82	438240	20.0
Decane	6.65	4.7 ng		101971	1	6.82	438240	20.0
Tridecane	8.70	8.7 ng		323862	2	8.11	748933	20.0
Nonane, 2,2,4,4,6...	8.88	12.3 ng		458938	2	8.11	748933	20.0
Nonane, 3-methyl-...	8.91	3.5 ng		132389	2	8.11	748933	20.0
Tetradecane	9.27	9.9 ng		332568	3	9.87	670430	20.0
Naphthalene, 1,3-...	9.53	3.2 ng		107802	3	9.87	670430	20.0
Pentadecane	9.79	6.9 ng		230068	3	9.87	670430	20.0
Hexadecane	10.30	6.7 ng		223397	3	9.87	670430	20.0
Tridecane, 2-methyl-	10.78	9.3 ng		339872	4	11.36	728577	20.0
Heneicosane	11.22	5.3 ng		191555	4	11.36	728577	20.0
Pentadecane, 8-he...	11.65	4.6 ng		166323	4	11.36	728577	20.0
Heptadecane	12.82	3.2 ng		92813	5	14.05	576808	20.0
9-Octadecenamide, ...	13.45	5.4 ng		156351	5	14.05	576808	20.0
1-Octadecene	13.89	9.8 ng		281360	5	14.05	576808	20.0
13-Docosenamide, ...	14.88	9.9 ng		336391	6	15.58	678565	20.0