

Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
 Data File : BF093405.D
 Acq On : 6 Mar 2017 17:18
 Operator : SJ/MA
 Sample : I2061-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

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-BF013017.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	4.927	264	266	282	rBV	656672	1131834	17.92%	0.935%
2	5.373	302	305	307	rBV	4244435	5515836	87.33%	4.556%
3	6.424	394	397	405	rBV	3924251	5660217	89.61%	4.675%
4	6.550	405	408	410	rVV	4269868	5336871	84.49%	4.408%
5	6.767	425	427	430	rBV	848348	1079707	17.09%	0.892%
6	6.927	439	441	444	rBV	3821395	3821415	60.50%	3.156%
7	7.350	475	478	480	rBV	3578410	3676655	58.21%	3.037%
8	7.533	492	494	499	rBV2	34857	81034	1.28%	0.067%
9	7.613	499	501	504	rBV	127140	162294	2.57%	0.134%
10	7.750	510	513	514	rBV	67548	112890	1.79%	0.093%
11	7.807	517	518	521	rBV2	103707	169634	2.69%	0.140%
12	7.945	526	530	533	rBV4	91722	240706	3.81%	0.199%
13	8.013	533	536	537	rBV2	115171	225390	3.57%	0.186%
14	8.059	537	540	543	rBV2	1567552	2038227	32.27%	1.683%
15	8.127	543	546	547	rVB	568832	630438	9.98%	0.521%
16	8.150	547	548	552	rVB2	166143	243068	3.85%	0.201%
17	8.219	552	554	556	rBV2	154518	217171	3.44%	0.179%
18	8.265	556	558	559	rBV	125647	129076	2.04%	0.107%
19	8.379	562	568	569	rBV2	360903	1168131	18.49%	0.965%
20	8.402	569	570	572	rBV	358419	436272	6.91%	0.360%
21	8.436	572	573	575	rVB	558723	592151	9.37%	0.489%
22	8.482	575	577	582	rBV	2155680	2961004	46.88%	2.446%
23	8.562	582	584	585	rBV	149445	245487	3.89%	0.203%
24	8.596	585	587	590	rBV4	211201	423604	6.71%	0.350%
25	8.653	590	592	594	rBV	3095735	3120750	49.41%	2.578%
26	8.710	594	597	598	rBV2	393114	735435	11.64%	0.607%
27	8.745	598	600	602	rVB	877319	1278247	20.24%	1.056%
28	8.779	602	603	604	rBV	371232	431039	6.82%	0.356%
29	8.813	604	606	607	rBV2	155747	131535	2.08%	0.109%
30	8.870	607	611	614	rBV4	364443	1085780	17.19%	0.897%
31	8.939	615	617	618	rBV	1117929	1206537	19.10%	0.997%
32	9.019	622	624	626	rBV	1171003	1274710	20.18%	1.053%
33	9.088	626	630	632	rBV	3521012	3997640	63.29%	3.302%
34	9.145	632	635	636	rBV	2734820	3654740	57.86%	3.019%

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35	9.225	639	642	644	rBV	4676240	6316285	100.00%	5.217%
36	9.282	644	647	650	rVB3	794212	2217124	35.10%	1.831%
37	9.339	650	652	653	rBV2	767853	713738	11.30%	0.590%
38	9.408	653	658	660	rBV3	1196249	2590149	41.01%	2.139%
39	9.476	662	664	665	rBV2	1455853	1440199	22.80%	1.190%
40	9.545	667	670	671	rVV3	3582134	4874306	77.17%	4.026%
41	9.602	673	675	676	rVB2	1202624	1083495	17.15%	0.895%
42	9.682	680	682	684	rBV2	985580	1684998	26.68%	1.392%
43	9.728	684	686	687	rBV	1214667	1495118	23.67%	1.235%
44	9.762	687	689	690	rBV	3551399	4142119	65.58%	3.421%
45	9.796	690	692	695	rVB4	1245466	2634678	41.71%	2.176%
46	9.853	695	697	698	rBV2	691750	835805	13.23%	0.690%
47	9.979	706	708	710	rBV2	1158560	2426984	38.42%	2.005%
48	10.082	715	717	718	rVV	1610421	2054205	32.52%	1.697%
49	10.265	730	733	736	rVB	2384121	3608285	57.13%	2.980%
50	10.482	749	752	754	rBV	2456651	3792257	60.04%	3.132%
51	10.756	772	776	778	rBV	2687034	6124296	96.96%	5.058%
52	11.179	811	813	814	rBV	2124080	2402689	38.04%	1.984%
53	11.213	814	816	819	rVB	2351515	3115872	49.33%	2.574%
54	11.602	848	850	852	rVB	2289117	2192330	34.71%	1.811%
55	12.002	883	885	887	rVB	2544787	2336522	36.99%	1.930%
56	12.391	917	919	920	rVB	1870686	2426569	38.42%	2.004%
57	12.756	948	951	953	rVV3	1558047	1777900	28.15%	1.468%
58	12.802	953	955	957	rVV	447344	446201	7.06%	0.369%
59	12.882	960	962	965	rVB	2392902	2660563	42.12%	2.197%
60	13.111	979	982	983	rVB	594505	763201	12.08%	0.630%
61	13.442	1010	1011	1013	rVB	394793	391735	6.20%	0.324%
62	13.774	1039	1040	1046	rVB	458678	513454	8.13%	0.424%
63	13.934	1053	1054	1057	rVB	732875	798492	12.64%	0.660%

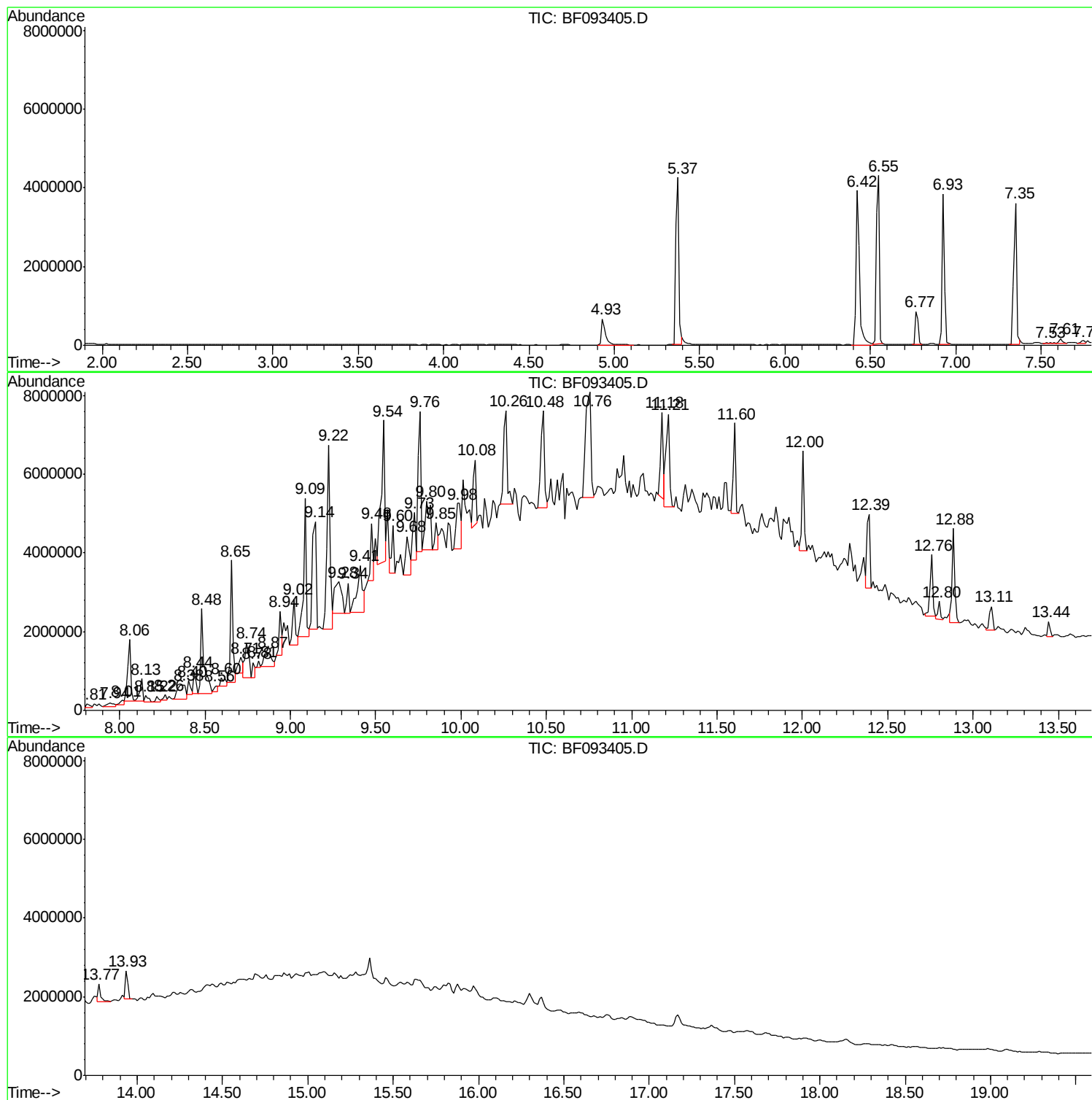
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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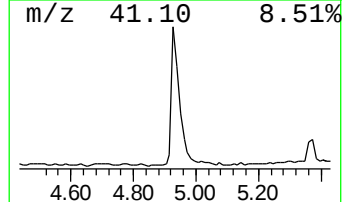
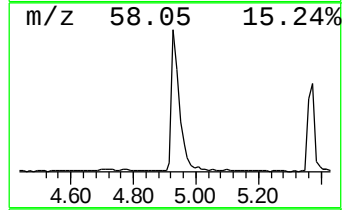
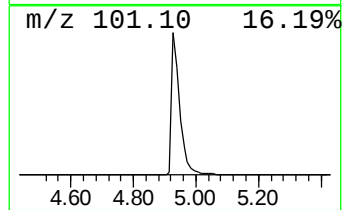
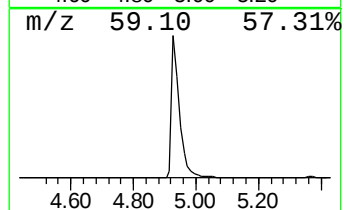
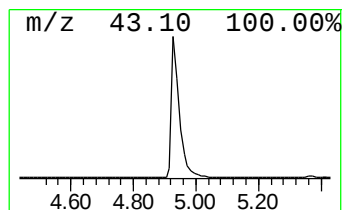
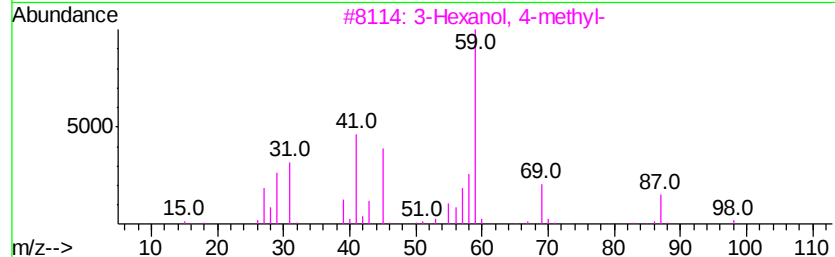
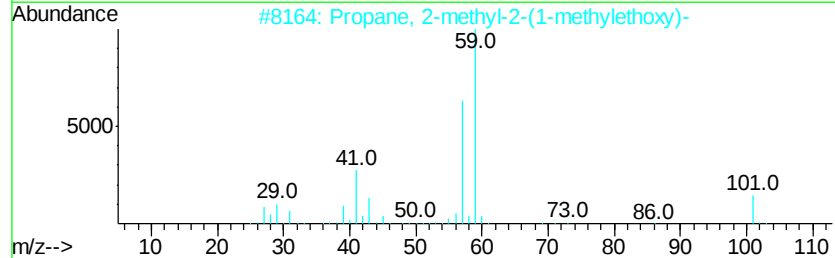
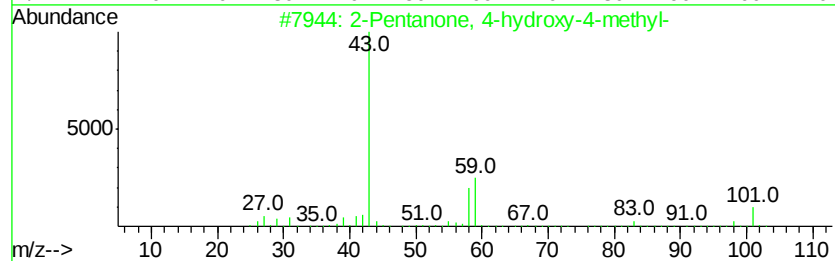
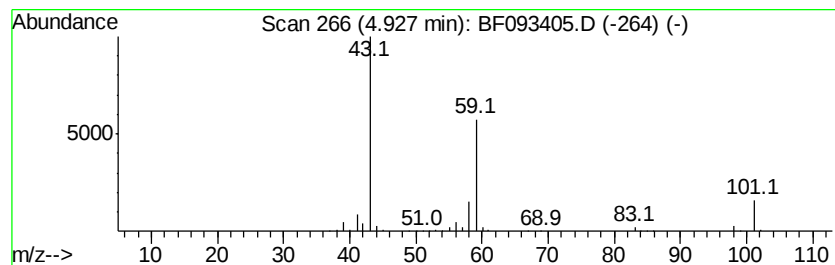
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	20.97 ng	1131830	1,4-Dichlorobenzene-d4	6.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23



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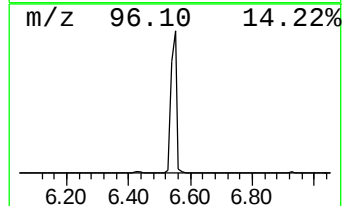
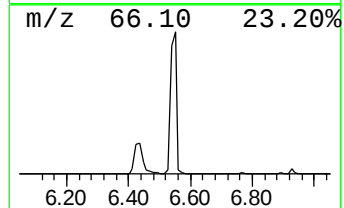
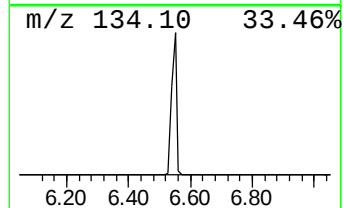
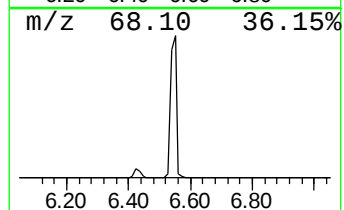
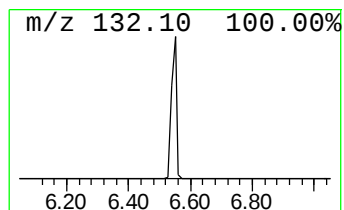
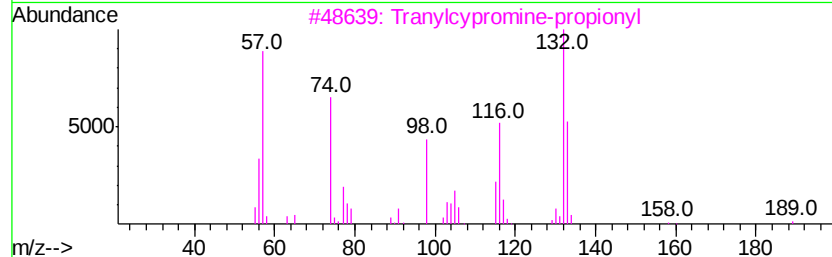
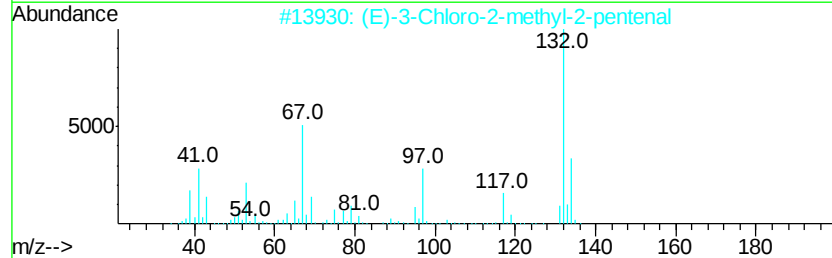
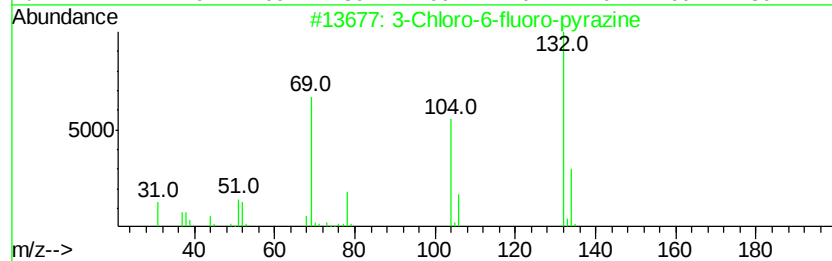
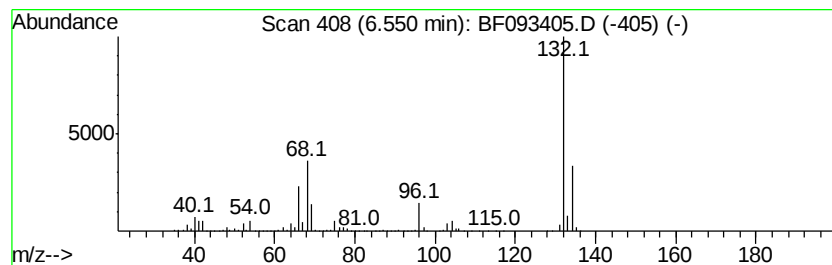
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 unknown6.55 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	98.86 ng	5336870	1,4-Dichlorobenzene-d4	6.78

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		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	16
5		1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9



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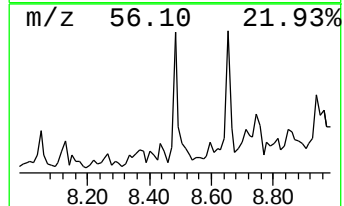
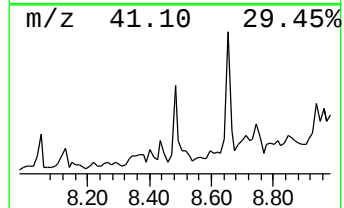
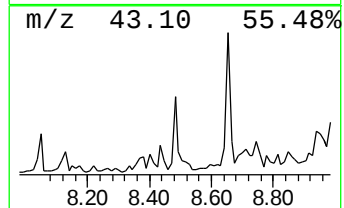
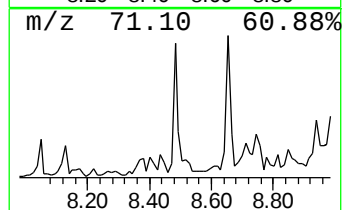
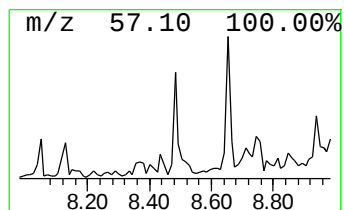
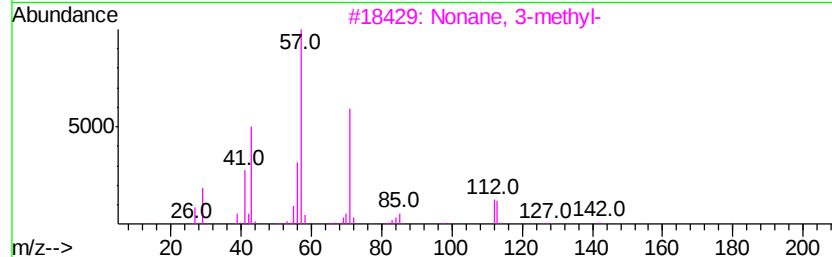
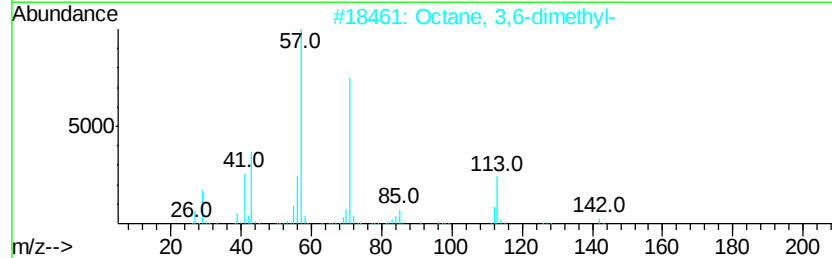
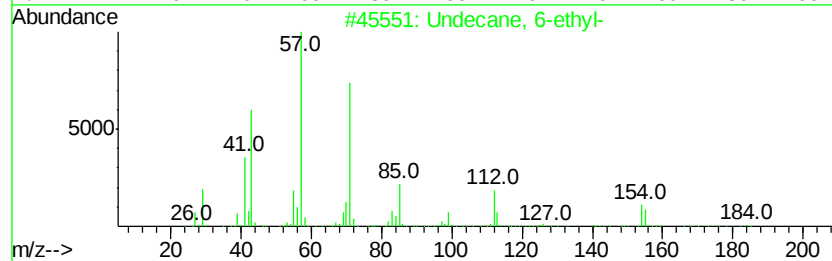
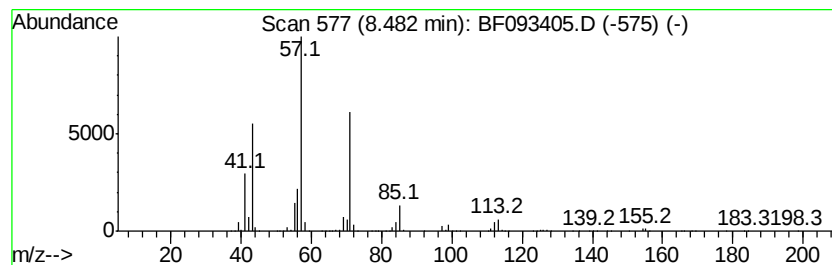
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 6-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.48	29.05 ng	2961000	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	72
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	64
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	59



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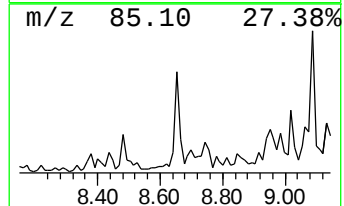
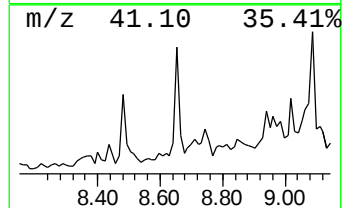
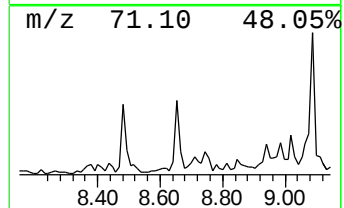
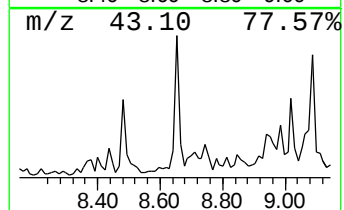
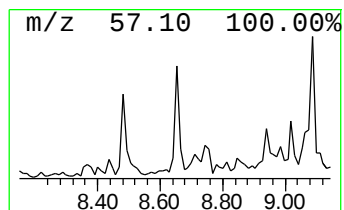
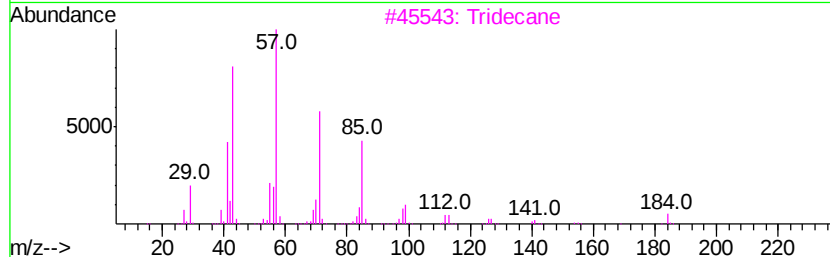
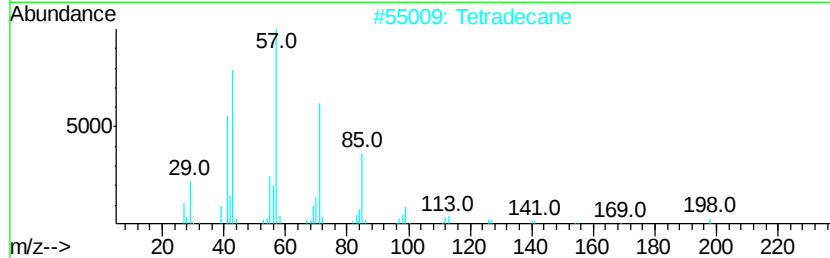
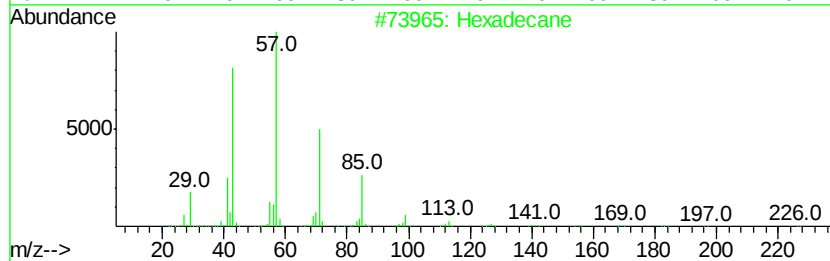
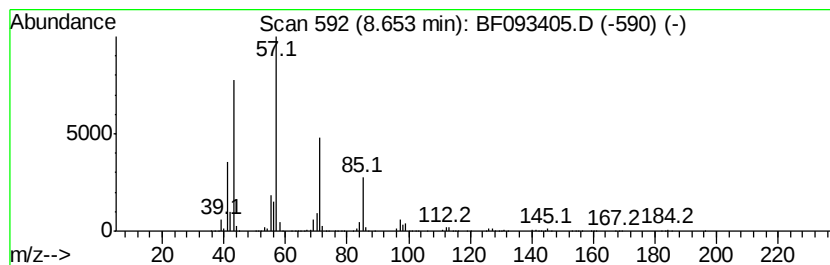
Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	30.62 ng	3120750	Naphthalene-d8	8.06
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	90
2	Tetradecane	198 C14H30	000629-59-4	86
3	Tridecane	184 C13H28	000629-50-5	86
4	Eicosane	282 C20H42	000112-95-8	83
5	Dodecane	170 C12H26	000112-40-3	72



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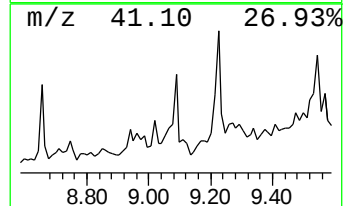
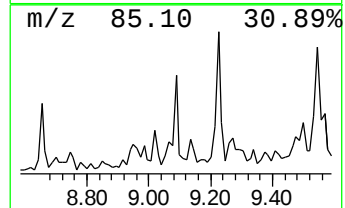
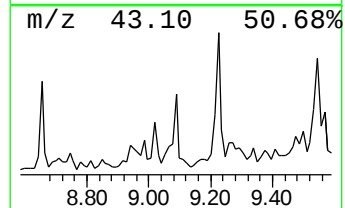
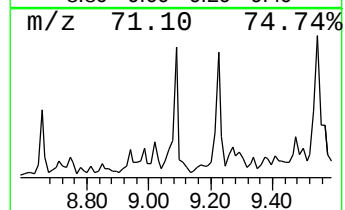
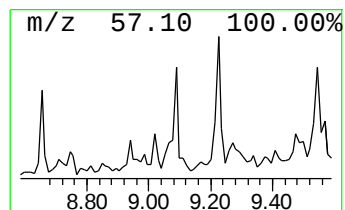
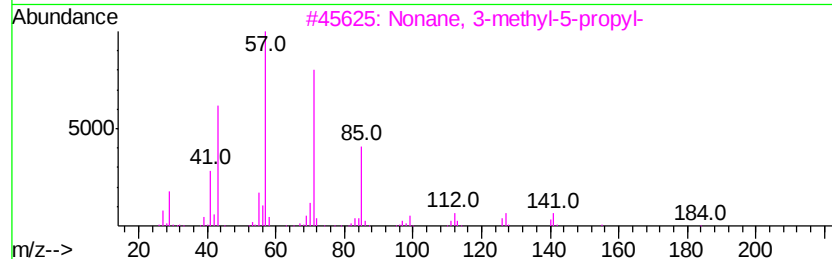
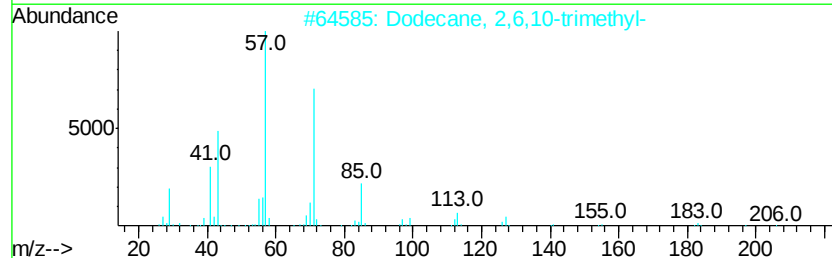
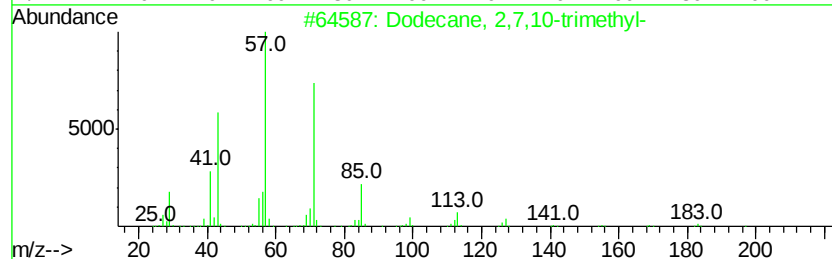
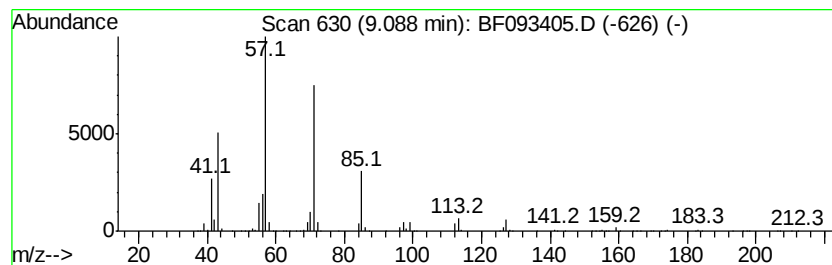
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2,7,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	30.35 ng	3997640	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	86
2	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	80
3	Nonane, 3-methyl-5-propyl-	184 C13H28	031081-18-2	78
4	Nonane, 5-(2-methylpropyl)-	184 C13H28	062185-53-9	59
5	Undecane, 6,6-dimethyl-	184 C13H28	017312-76-4	59



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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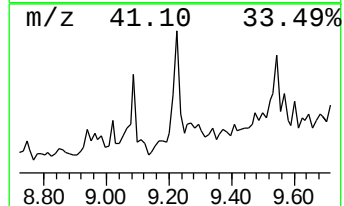
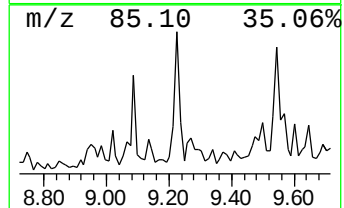
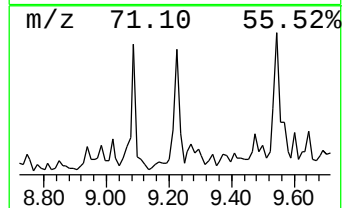
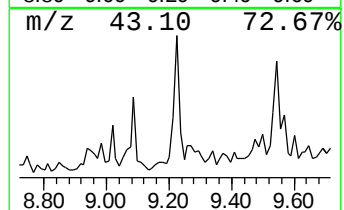
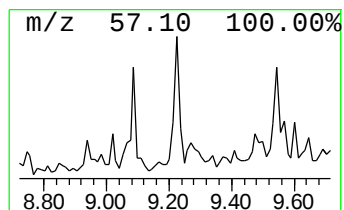
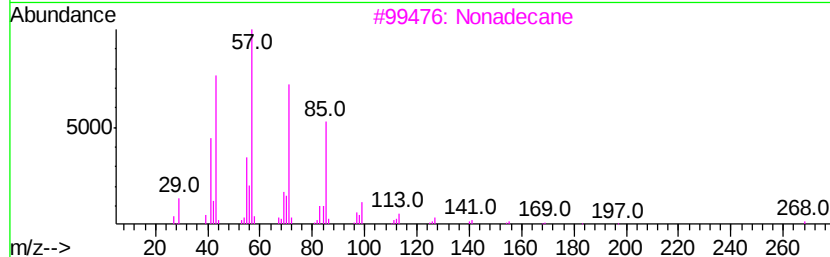
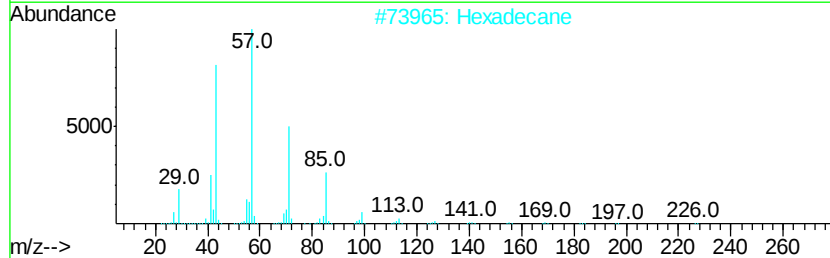
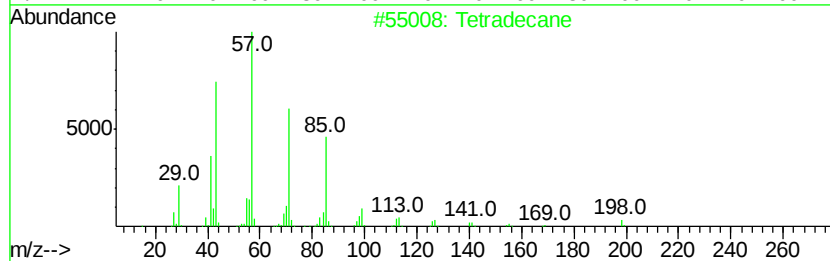
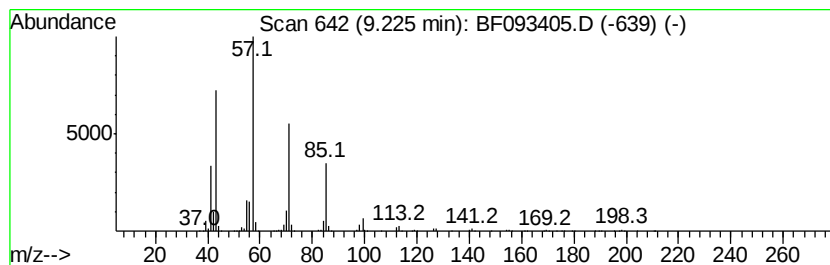
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	47.95 ng	6316290	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Nonadecane	268	C19H40	000629-92-5	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	72



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

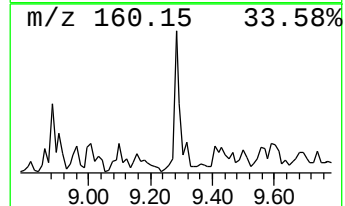
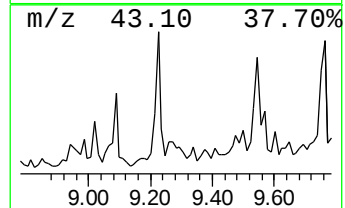
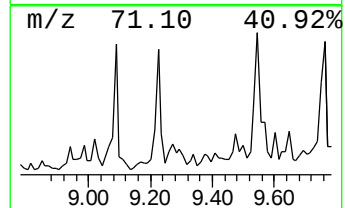
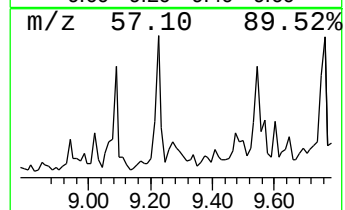
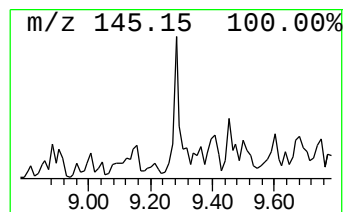
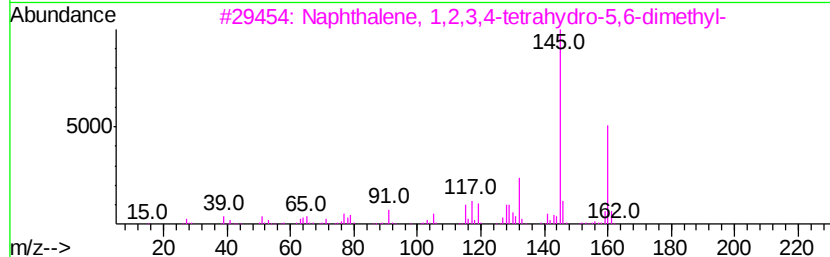
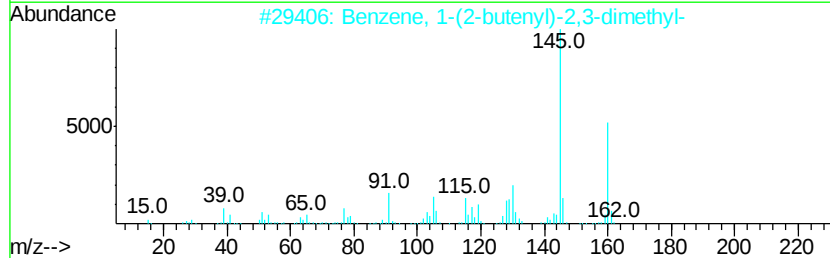
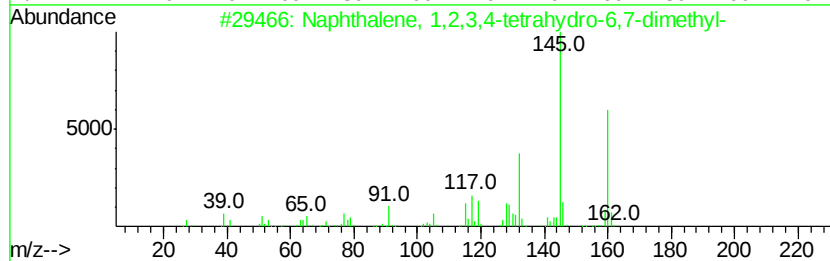
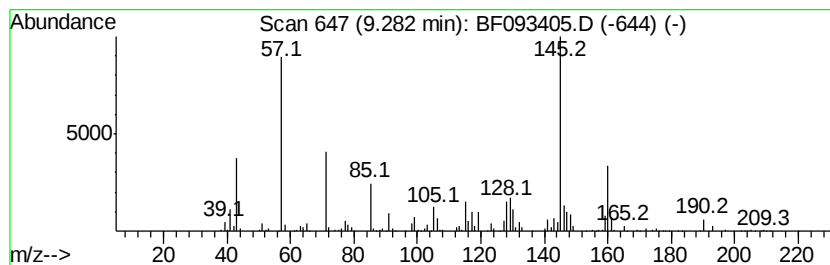
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ClientSampleId :
IMPACT-2-FROMDUMPSTER

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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 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	16.83 ng	2217120	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	001076-61-5 78
2		Benzene, 1-(2-butenyl)-2,3-dimet...	160 C12H16	054340-85-1 78
3		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	020027-77-4 78
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160 C12H16	014679-13-1 60
5		Naphthalene, 1,2,3,4-tetrahydro-...	160 C12H16	025419-33-4 60



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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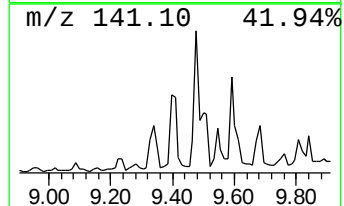
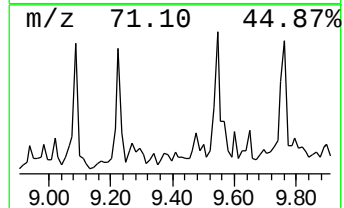
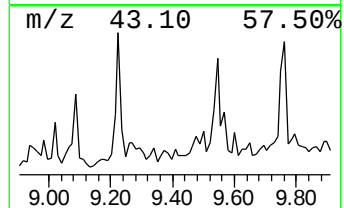
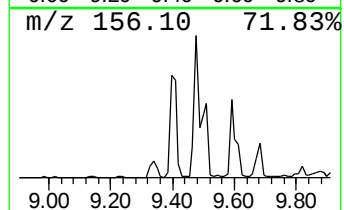
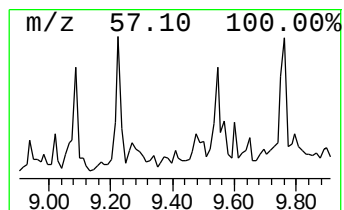
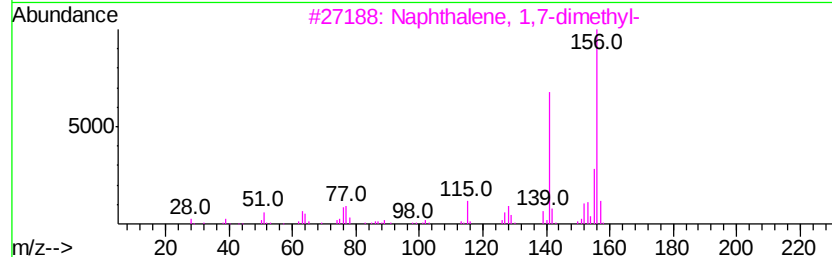
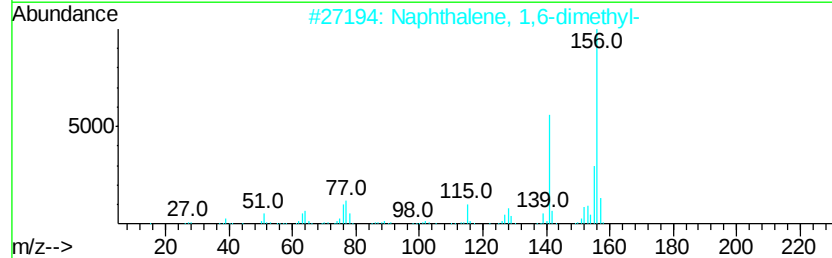
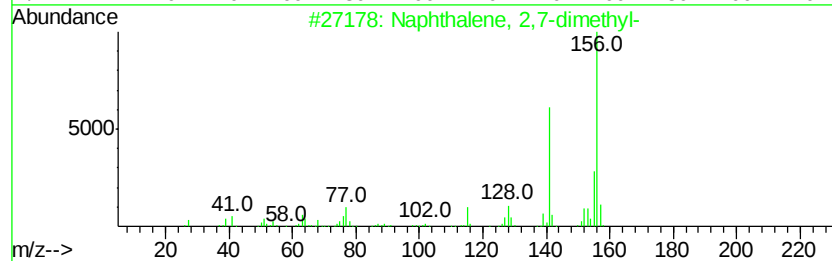
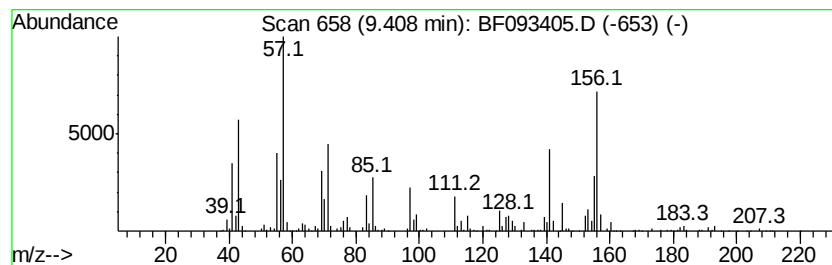
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	19.66 ng	2590150	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89
4		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	46



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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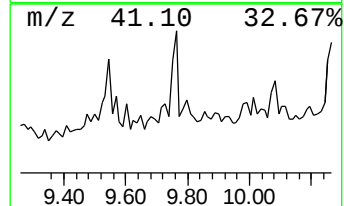
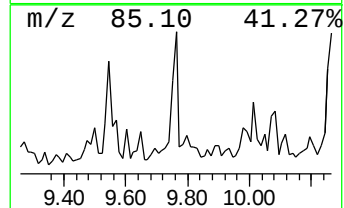
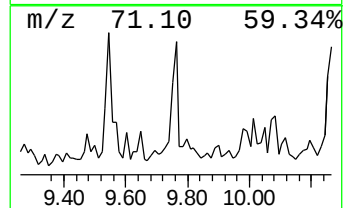
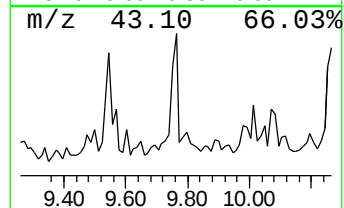
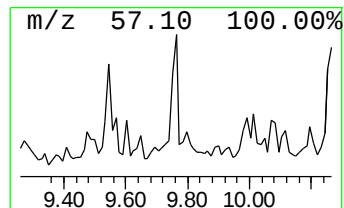
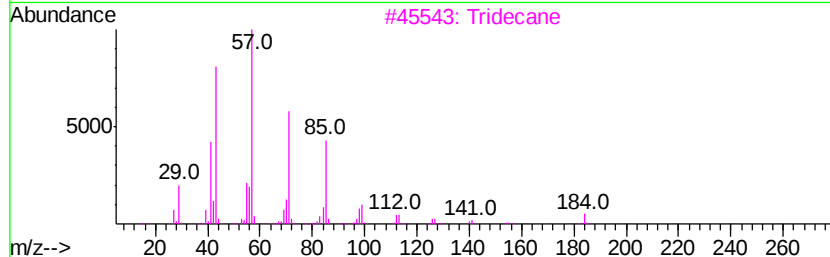
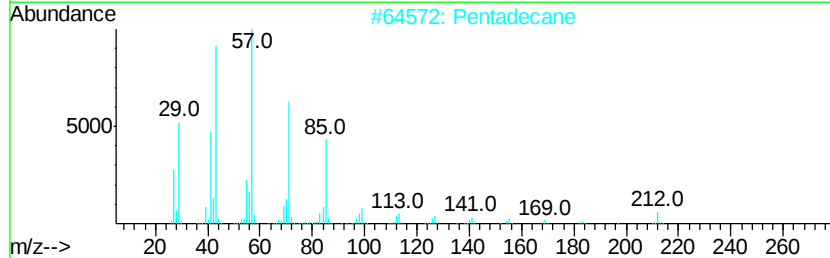
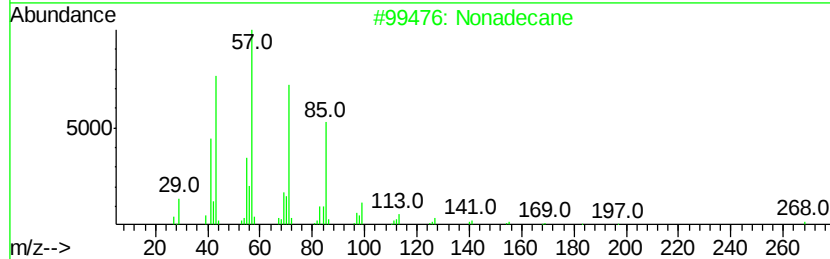
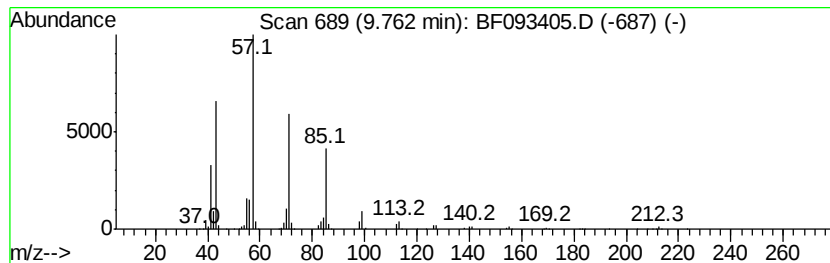
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Nonadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.76	31.44 ng	4142120	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	90
2		Pentadecane	212	C15H32	000629-62-9	90
3		Tridecane	184	C13H28	000629-50-5	87
4		Tetradecane	198	C14H30	000629-59-4	83
5		Hexadecane	226	C16H34	000544-76-3	83



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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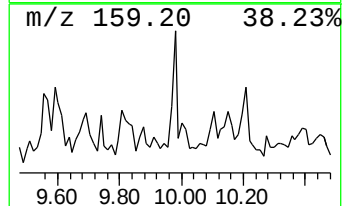
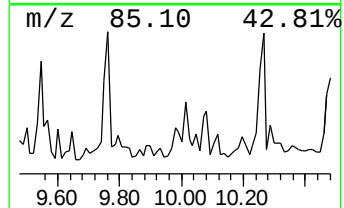
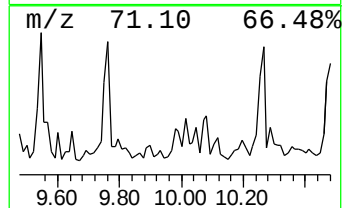
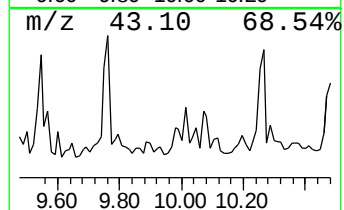
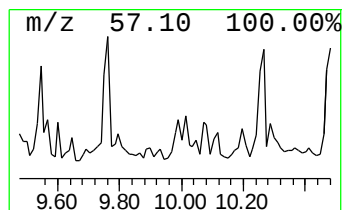
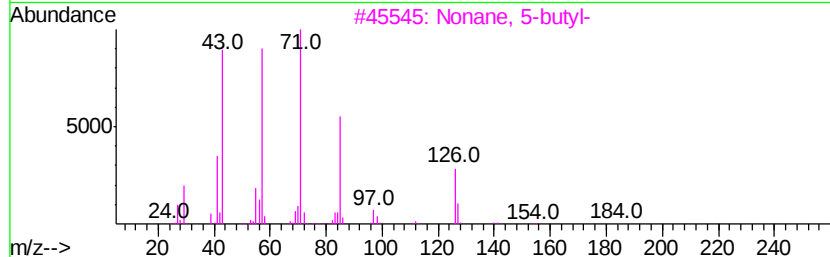
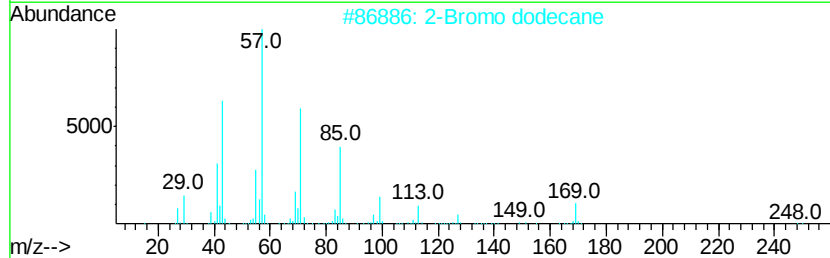
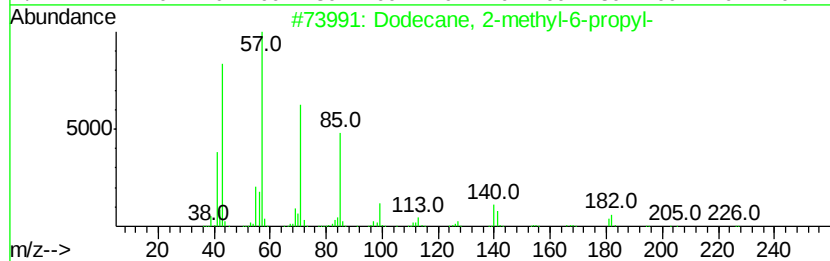
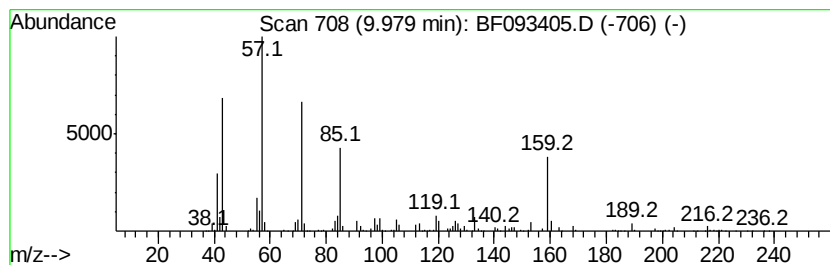
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown9.98 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	18.42 ng	2426980	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	49
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	47
3		Nonane, 5-butyl-	184	C13H28	017312-63-9	45
4		Tridecane, 7-propyl-	226	C16H34	055045-09-5	45
5		Eicosane	282	C20H42	000112-95-8	43



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
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Acq On : 6 Mar 2017 17:18
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ALS Vial : 7 Sample Multiplier: 1

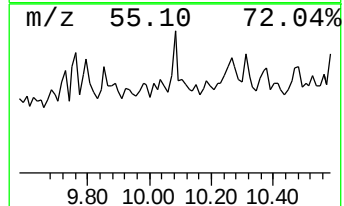
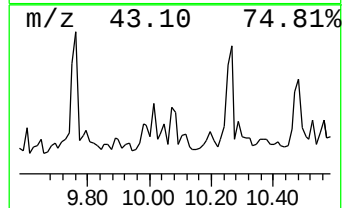
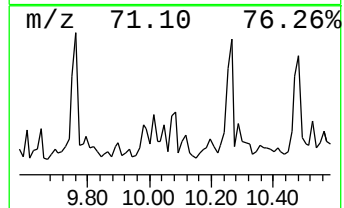
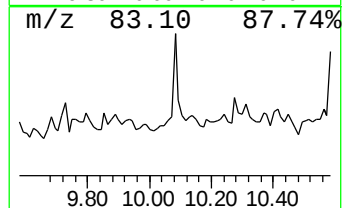
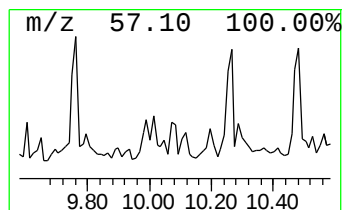
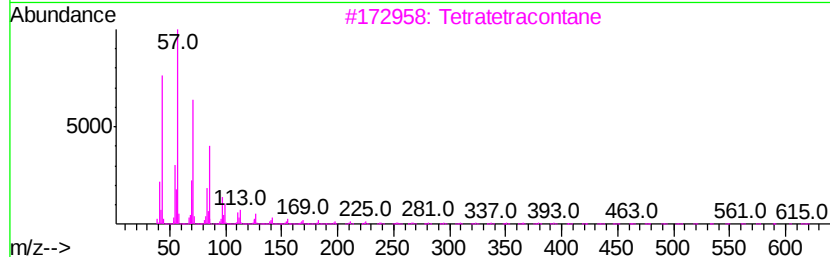
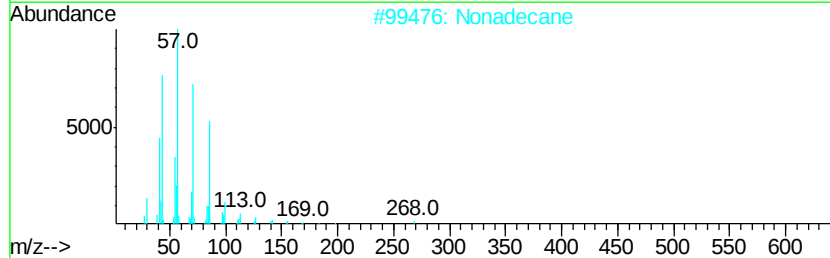
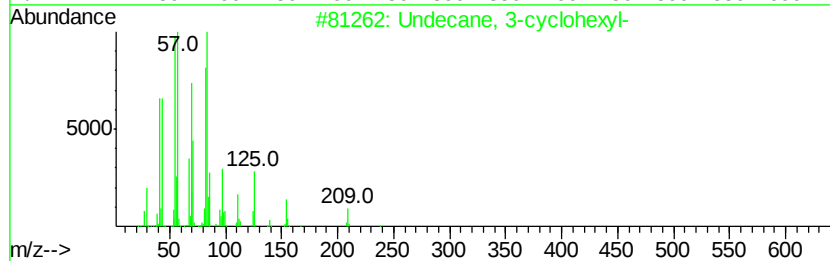
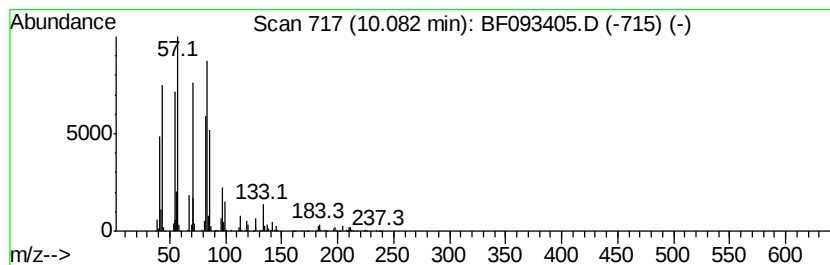
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 3-cyclohexyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.08	15.59 ng	2054210	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 3-cvclohexyl-	238 C17H34	013151-78-5	52
2	Nonadecane	268 C19H40	000629-92-5	46
3	Tetratetracontane	619 C44H90	007098-22-8	46
4	Methoxyacetic acid, 2-tetradecyl...	286 C17H34O3	1000282-04-8	46
5	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	46



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

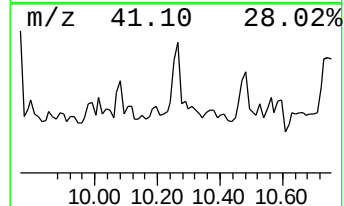
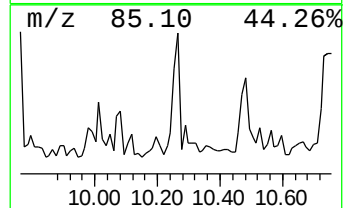
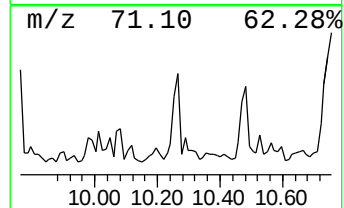
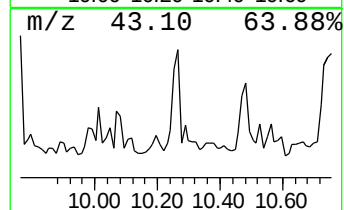
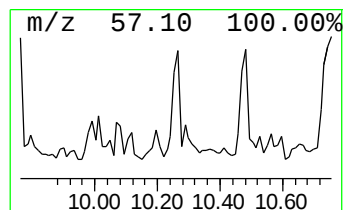
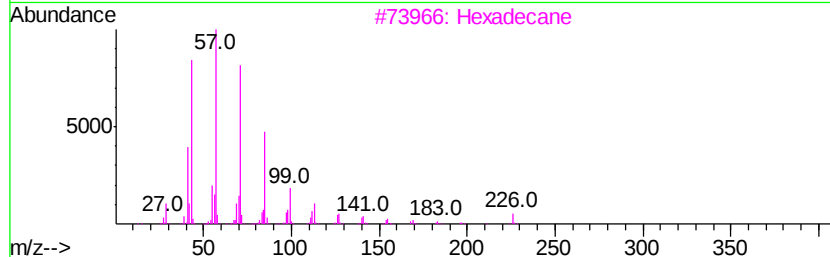
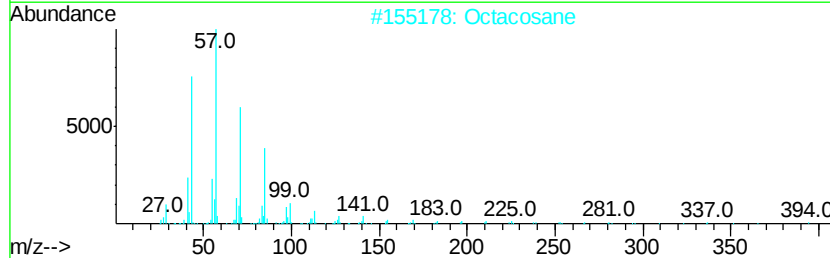
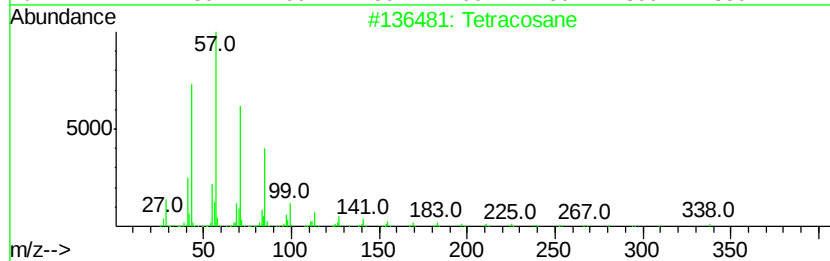
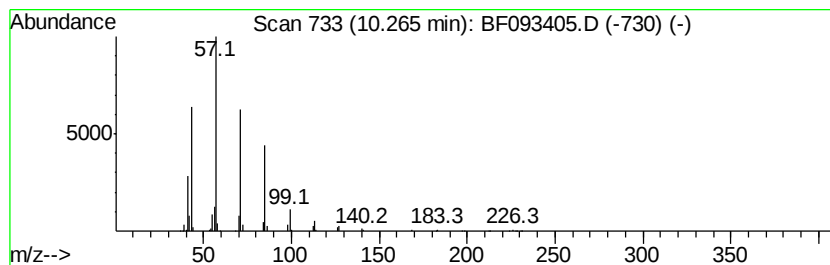
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetracosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	27.39 ng	3608290	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetracosane	338 C24H50	000646-31-1 83
2		Octacosane	394 C28H58	000630-02-4 83
3		Hexadecane	226 C16H34	000544-76-3 76
4		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 72
5		Eicosane	282 C20H42	000112-95-8 72



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

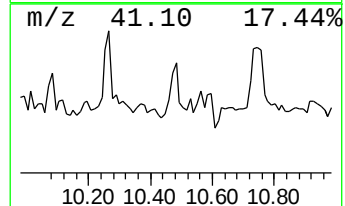
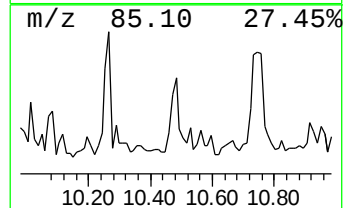
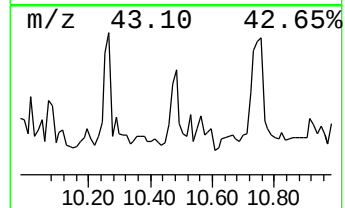
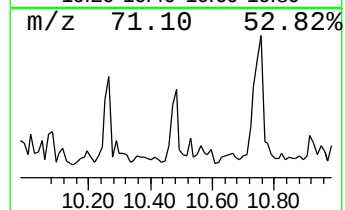
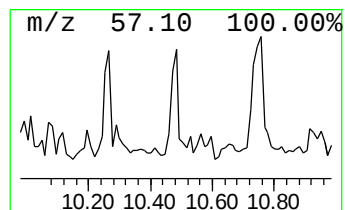
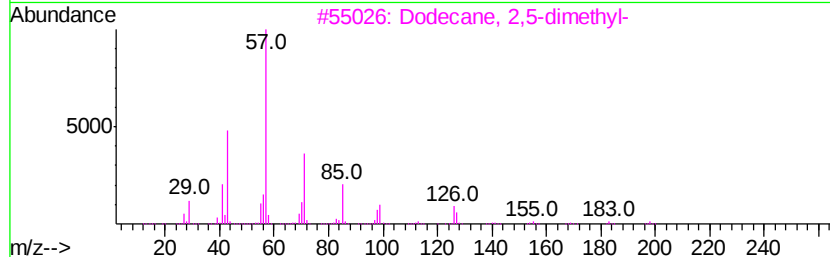
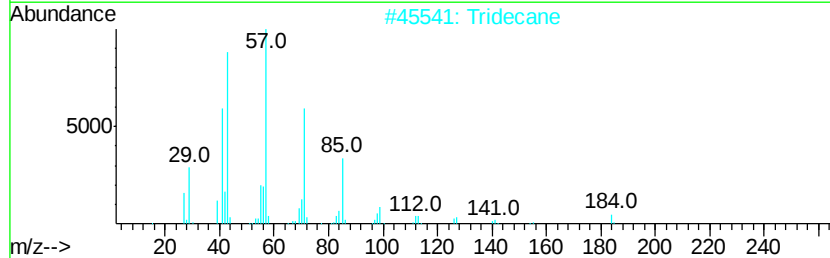
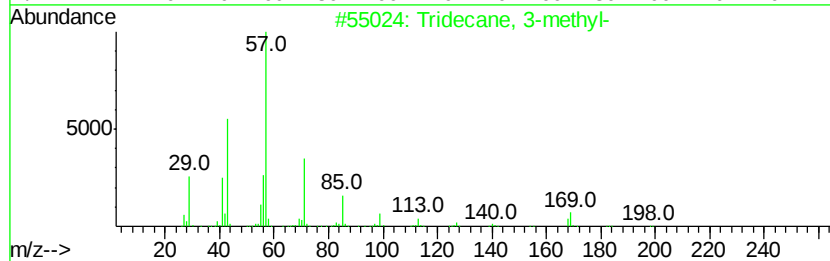
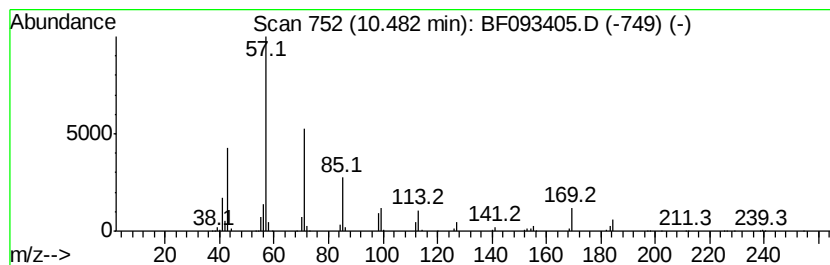
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane, 3-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.48	28.79 ng	3792260	Acenaphthene-d10	9.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
2	Tridecane	184	C13H28	000629-50-5	74
3	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	74
4	Heptacosane	380	C27H56	000593-49-7	64
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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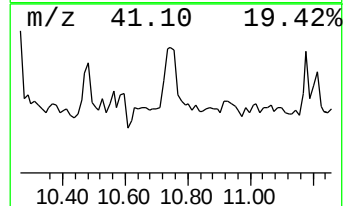
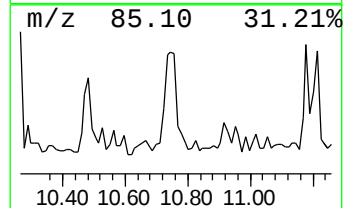
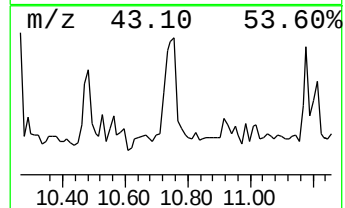
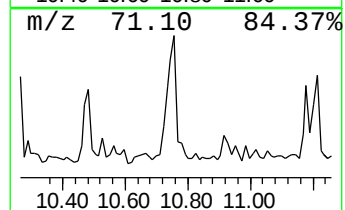
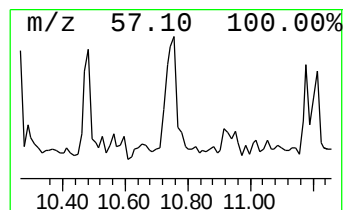
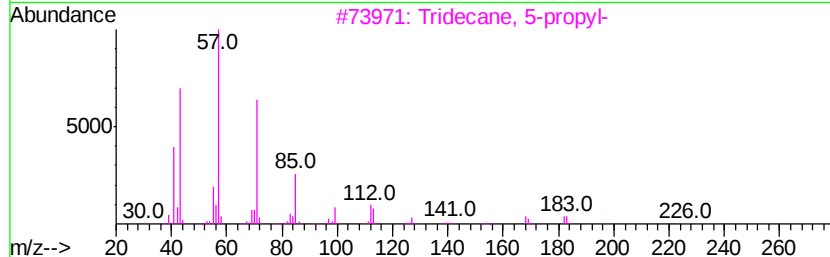
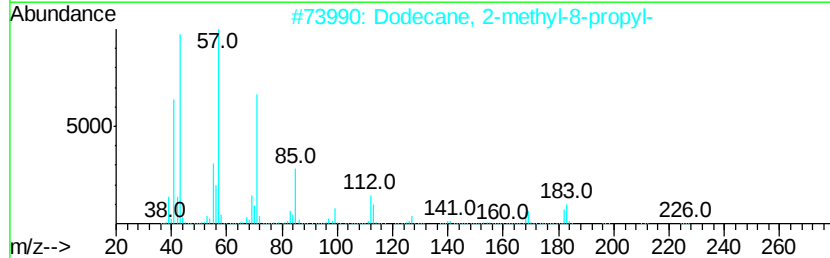
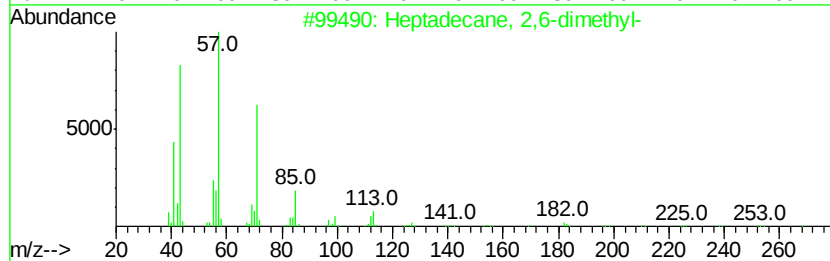
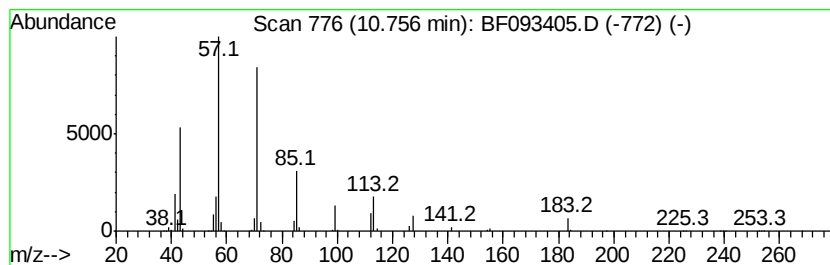
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	39.31 ng	6124300	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	87
2		Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
4		Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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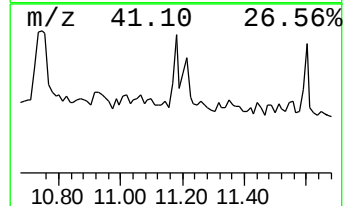
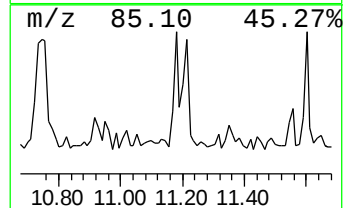
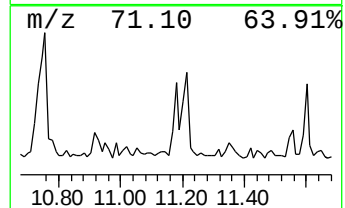
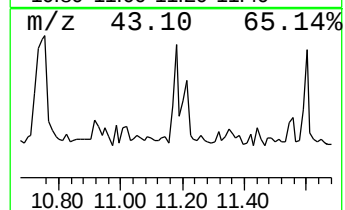
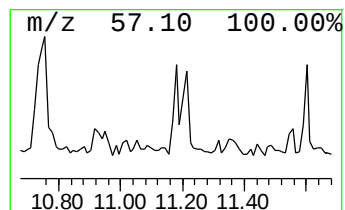
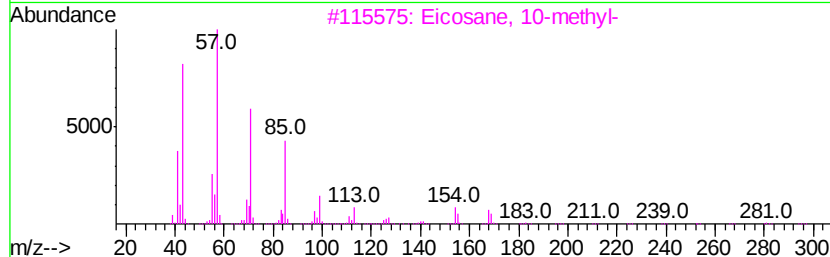
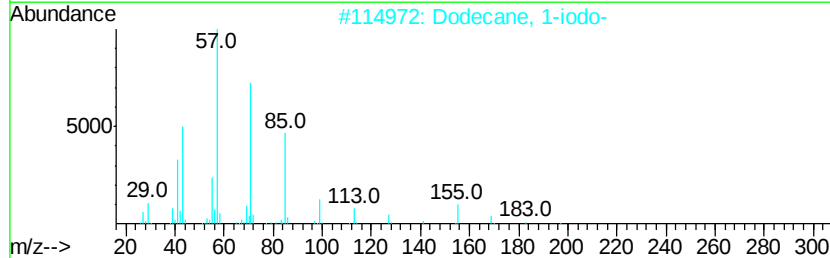
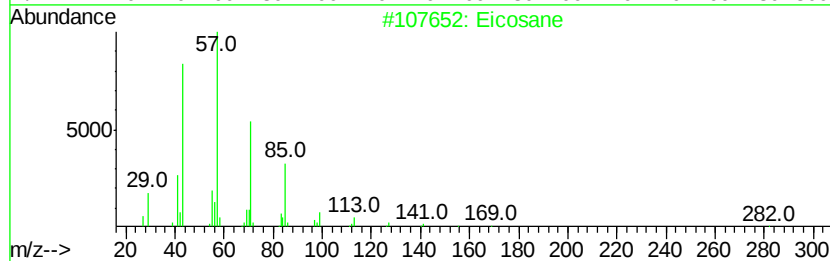
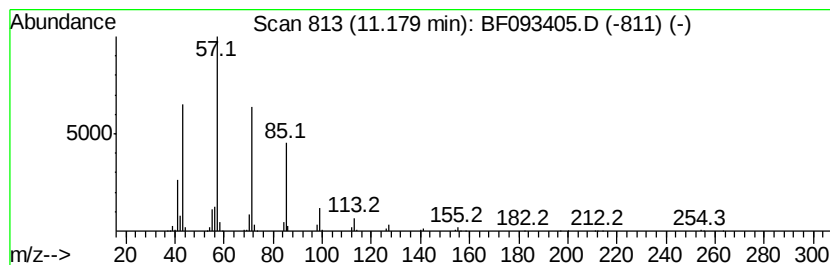
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	15.42 ng	2402690	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	90
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
3		Eicosane, 10-methyl-	296	C21H44	054833-23-7	86
4		Hexadecane	226	C16H34	000544-76-3	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
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Misc :
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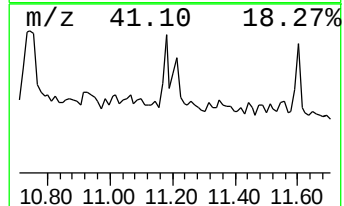
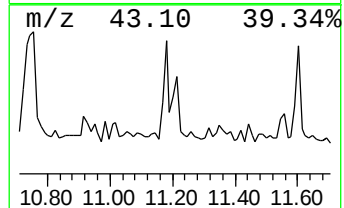
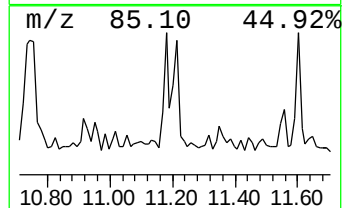
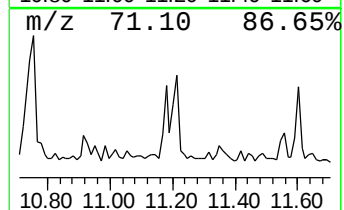
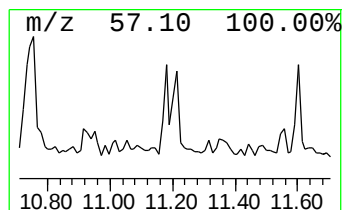
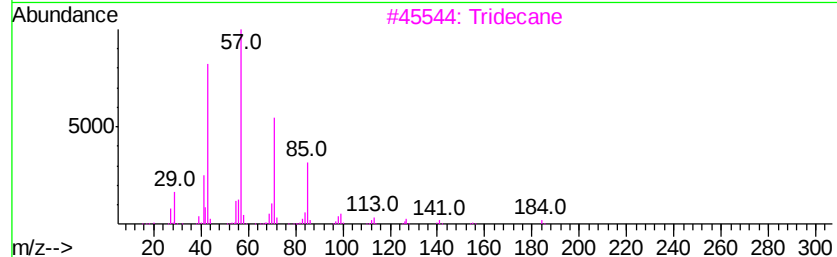
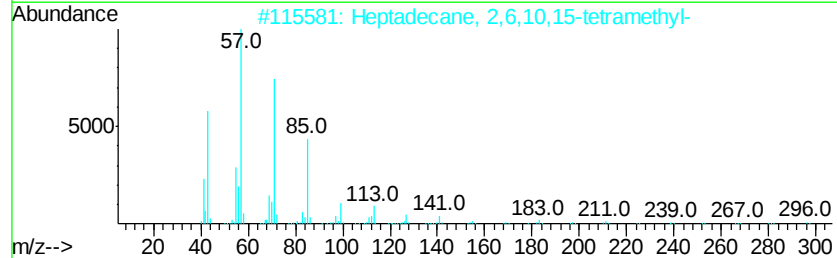
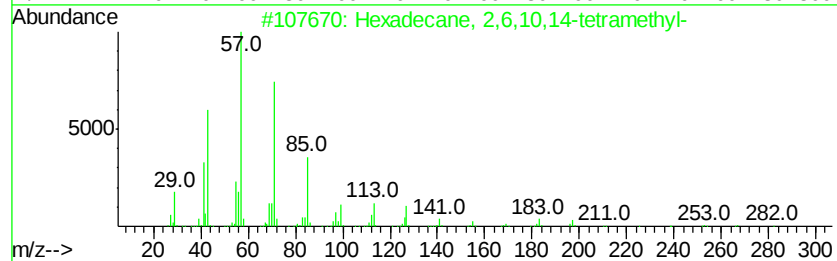
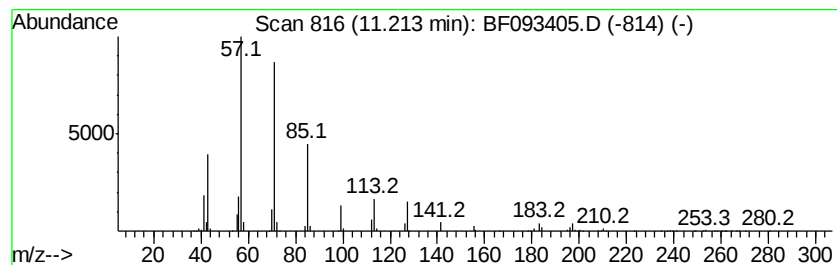
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexadecane, 2,6,10,14-tetra... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	20.00 ng	3115870	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
3		Tridecane	184	C13H28	000629-50-5	83
4		Hexadecane	226	C16H34	000544-76-3	78
5		Octacosane	394	C28H58	000630-02-4	64



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
Sample : I2061-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

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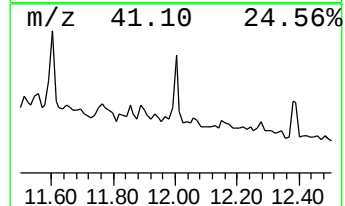
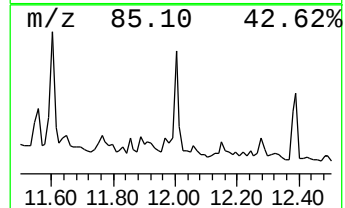
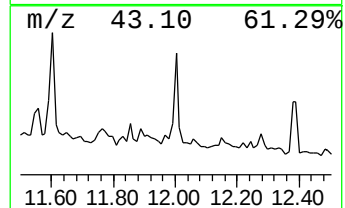
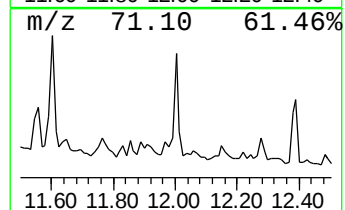
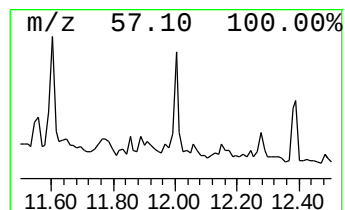
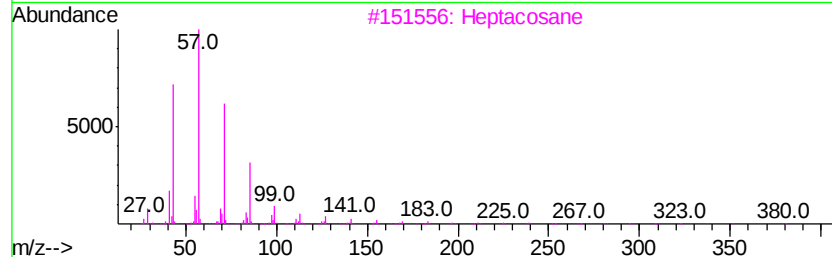
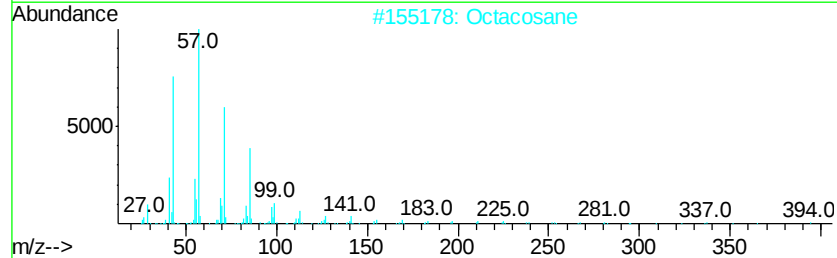
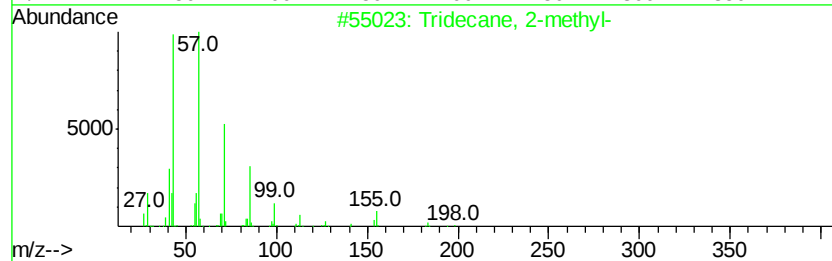
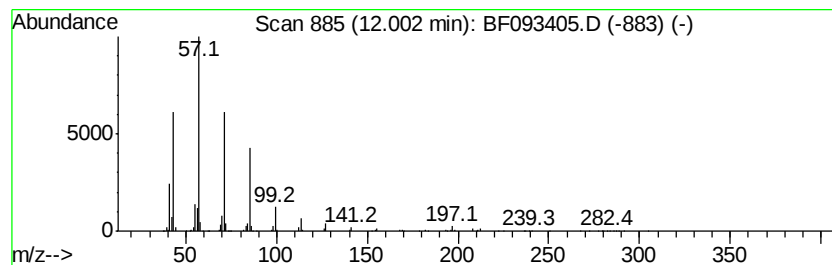
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	15.00 ng	2336520	Phenanthrene-d10	11.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Octacosane	394	C28H58	000630-02-4	90
3		Heptacosane	380	C27H56	000593-49-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	78



Data Path : Z:\HPCHEM1\BNA F\Data\BF030617\
Data File : BF093405.D
Acq On : 6 Mar 2017 17:18
Operator : SJ/MA
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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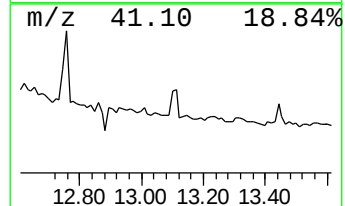
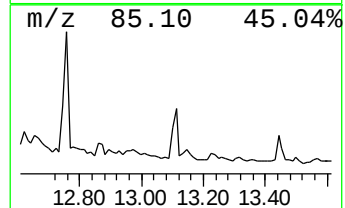
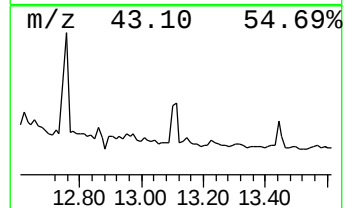
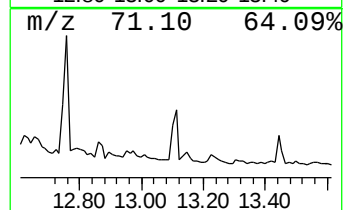
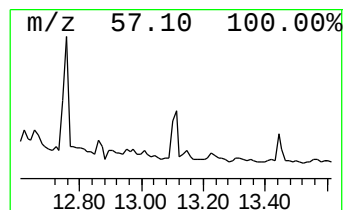
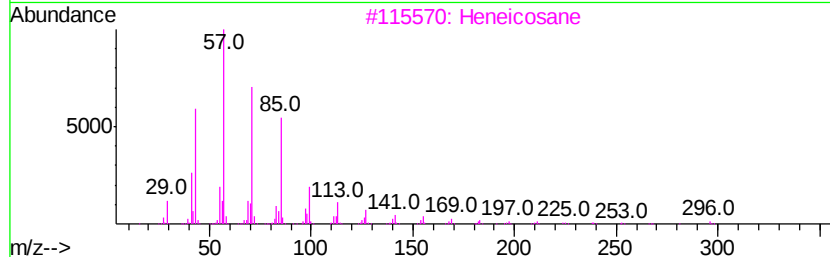
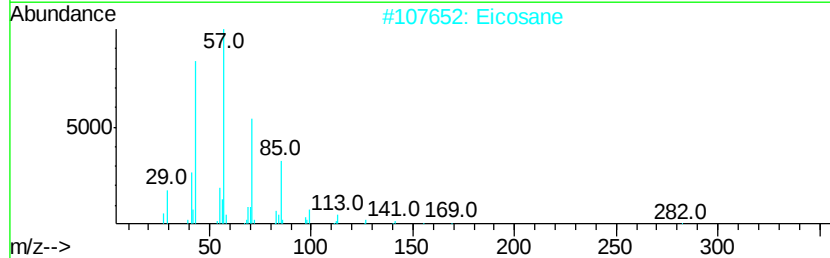
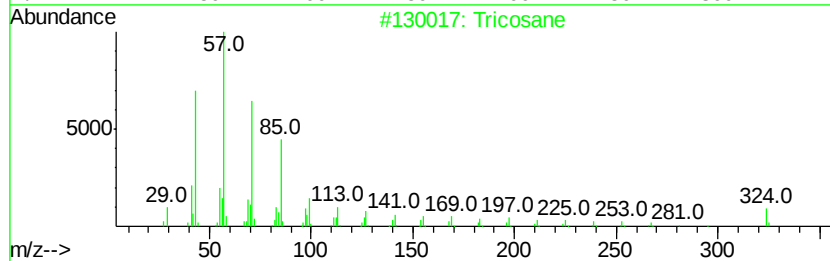
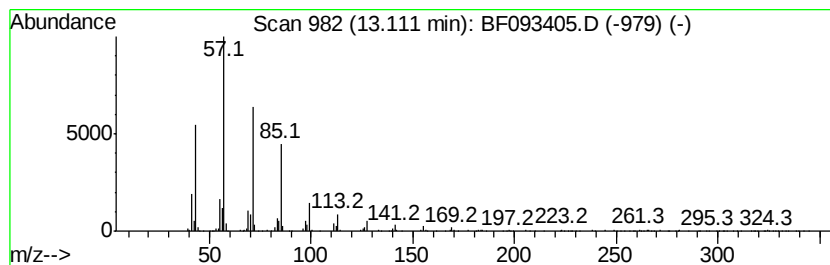
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	19.12 ng	763201	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Eicosane	282	C20H42	000112-95-8	91
3		Heneicosane	296	C21H44	000629-94-7	90
4		Docosane	310	C22H46	000629-97-0	90
5		Hexadecane	226	C16H34	000544-76-3	90



Data Path : Z:\HPCHEM1\BNA_F\Data\BF030617\
 Data File : BF093405.D
 Acq On : 6 Mar 2017 17:18
 Operator : SJ/MA
 Sample : I2061-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IMPACT-2-FROMDUMPSTER

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.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
2-Pentanone, 4-hy...	4.93	21.0	ng	1131830	1	6.78	1079710	20.0
unknown6.55	6.55	98.9	ng	5336870	1	6.78	1079710	20.0
Undecane, 6-ethyl-	8.48	29.1	ng	2961000	2	8.06	2038230	20.0
Hexadecane	8.65	30.6	ng	3120750	2	8.06	2038230	20.0
Dodecane, 2,7,10-...	9.09	30.4	ng	3997640	3	9.82	2634680	20.0
Tetradecane	9.22	48.0	ng	6316290	3	9.82	2634680	20.0
Naphthalene, 1,2,...	9.28	16.8	ng	2217120	3	9.82	2634680	20.0
Naphthalene, 2,7-...	9.41	19.7	ng	2590150	3	9.82	2634680	20.0
Nonadecane	9.76	31.4	ng	4142120	3	9.82	2634680	20.0
unknown9.98	9.98	18.4	ng	2426980	3	9.82	2634680	20.0
Undecane, 3-cyclo...	10.08	15.6	ng	2054210	3	9.82	2634680	20.0
Tetracosane	10.26	27.4	ng	3608290	3	9.82	2634680	20.0
Tridecane, 3-methyl-	10.48	28.8	ng	3792260	3	9.82	2634680	20.0
Heptadecane, 2,6-...	10.76	39.3	ng	6124300	4	11.30	3115870	20.0
Eicosane	11.18	15.4	ng	2402690	4	11.30	3115870	20.0
Hexadecane, 2,6,1...	11.21	20.0	ng	3115870	4	11.30	3115870	20.0
Tridecane, 2-methyl-	12.00	15.0	ng	2336520	4	11.30	3115870	20.0
Tricosane	13.11	19.1	ng	763201	5	13.93	798492	20.0