

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
 Data File : BF093397.D
 Acq On : 4 Mar 2017 10:44
 Operator : SJ/MA
 Sample : I2056-20 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

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	4.841	238	241	244	rVB2	24098	46954	1.28%	0.066%
2	4.899	244	246	247	rBV	81534	92405	2.53%	0.130%
3	4.933	247	249	255	rVB	61414	129367	3.54%	0.182%
4	5.127	263	266	267	rBV	42090	60395	1.65%	0.085%
5	5.379	286	288	295	rBV	519561	740095	20.24%	1.043%
6	5.504	297	299	301	rVV	61912	89935	2.46%	0.127%
7	5.596	304	307	311	rVB2	48575	89251	2.44%	0.126%
8	5.767	318	322	324	rVB2	121750	191893	5.25%	0.270%
9	5.813	324	326	328	rBV2	57647	97517	2.67%	0.137%
10	5.904	332	334	337	rVB2	201656	200837	5.49%	0.283%
11	5.962	337	339	341	rBV2	68092	132803	3.63%	0.187%
12	6.007	341	343	346	rVB	334864	405454	11.09%	0.571%
13	6.064	346	348	350	rBV	292876	277581	7.59%	0.391%
14	6.099	350	351	357	rVB3	84405	226400	6.19%	0.319%
15	6.202	357	360	362	rBV	115467	174926	4.78%	0.246%
16	6.270	365	366	367	rBV	56909	61003	1.67%	0.086%
17	6.293	367	368	373	rVB	326038	423211	11.57%	0.596%
18	6.384	373	376	378	rBV3	76234	179885	4.92%	0.253%
19	6.430	378	380	382	rBV2	536442	850532	23.26%	1.199%
20	6.522	385	388	389	rBV2	137243	226197	6.19%	0.319%
21	6.556	389	391	394	rVB	843560	870057	23.79%	1.226%
22	6.624	394	397	399	rBV3	119048	201990	5.52%	0.285%
23	6.739	399	407	408	rBV4	167985	470539	12.87%	0.663%
24	6.784	408	411	414	rVB2	1332494	1864683	50.99%	2.628%
25	6.842	414	416	417	rBV	185451	236083	6.46%	0.333%
26	6.876	417	419	420	rBV	136096	206971	5.66%	0.292%
27	6.899	420	421	422	rVB	165969	113855	3.11%	0.160%
28	6.933	422	424	428	rVB3	616532	1130493	30.91%	1.593%
29	7.013	428	431	432	rBV3	157508	241741	6.61%	0.341%
30	7.047	432	434	437	rVB2	368587	526557	14.40%	0.742%
31	7.093	437	438	440	rBV2	66036	89628	2.45%	0.126%
32	7.127	440	441	442	rBV	111538	109721	3.00%	0.155%
33	7.173	443	445	446	rBV	410022	372245	10.18%	0.525%
34	7.207	446	448	451	rVB3	188067	284210	7.77%	0.400%

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35	7.253	451	452	454 rBV	92205	143029	3.91%	0.202%
36	7.322	454	458	459 rBV2	392126	721352	19.72%	1.016%
37	7.356	459	461	465 rVB2	560512	843595	23.07%	1.189%
38	7.425	465	467	469 rVB2	517721	788857	21.57%	1.112%
39	7.493	469	473	475 rBV2	318457	866561	23.70%	1.221%
40	7.539	475	477	478 rBV	179519	148983	4.07%	0.210%
41	7.585	478	481	483 rVB3	476601	1044306	28.56%	1.472%
42	7.642	483	486	487 rBV3	114021	270864	7.41%	0.382%
43	7.710	487	492	494 rBV3	478848	946544	25.88%	1.334%
44	7.756	494	496	497 rVB2	144708	166866	4.56%	0.235%
45	7.825	500	502	505 rBV2	223520	479551	13.11%	0.676%
46	7.893	505	508	510 rBV3	398591	458963	12.55%	0.647%
47	7.950	510	513	514 rBV2	481837	713434	19.51%	1.005%
48	8.007	517	518	519 rBV	194449	215542	5.89%	0.304%
49	8.076	520	524	525 rBV	1452882	1885554	51.56%	2.657%
50	8.099	525	526	527 rBV	162927	190075	5.20%	0.268%
51	8.133	527	529	531 rVB	1105437	1018446	27.85%	1.435%
52	8.236	535	538	539 rBV2	273644	421091	11.51%	0.593%
53	8.270	539	541	543 rVB3	703417	676129	18.49%	0.953%
54	8.362	546	549	550 rVB	611168	710355	19.42%	1.001%
55	8.419	550	554	556 rBV4	265628	582949	15.94%	0.821%
56	8.453	556	557	559 rVB2	368395	295958	8.09%	0.417%
57	8.499	559	561	566 rBV2	1509440	2368761	64.77%	3.338%
58	8.579	566	568	569 rVB2	216164	251211	6.87%	0.354%
59	8.613	569	571	572 rBV2	621029	797220	21.80%	1.123%
60	8.727	574	581	582 rBV7	400640	1400740	38.30%	1.974%
61	8.762	582	584	586 rVB2	841448	1003739	27.45%	1.414%
62	8.819	586	589	590 rBV3	296874	487537	13.33%	0.687%
63	8.842	590	591	595 rBV4	255215	702304	19.20%	0.990%
64	8.899	595	596	599 rVB3	302627	341970	9.35%	0.482%
65	8.979	602	603	605 rVB2	569502	520697	14.24%	0.734%
66	9.059	609	610	611 rVB	446144	306055	8.37%	0.431%
67	9.093	611	613	615 rBV	1973545	1939394	53.03%	2.733%
68	9.150	616	618	620 rVB	646181	652240	17.83%	0.919%
69	9.219	622	624	627 rBV3	1398076	2279837	62.34%	3.213%
70	9.276	627	629	630 rBV2	342359	596225	16.30%	0.840%
71	9.459	643	645	646 rBV	398137	428270	11.71%	0.604%

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72	9.550	650	653	654	rVV2	2478698	3061979	83.73%	4.315%
73	9.573	654	655	657	rVB2	318688	362867	9.92%	0.511%
74	9.688	663	665	667	rBV2	783451	1158015	31.66%	1.632%
75	9.733	667	669	670	rVB	1357548	1331163	36.40%	1.876%
76	9.768	670	672	673	rBV2	412876	434538	11.88%	0.612%
77	9.825	673	677	679	rBV4	1472996	2626495	71.82%	3.701%
78	9.859	679	680	682	rBV2	453955	454659	12.43%	0.641%
79	10.019	692	694	698	rVB4	560514	958272	26.20%	1.350%
80	10.076	698	699	703	rVB4	571660	983888	26.90%	1.386%
81	10.145	703	705	707	rBV2	629284	1068228	29.21%	1.505%
82	10.190	707	709	711	rVV3	536452	710724	19.43%	1.002%
83	10.225	711	712	715	rVV3	775920	1103440	30.17%	1.555%
84	10.282	715	717	718	rVV2	495009	707845	19.36%	0.997%
85	10.385	722	726	728	rBV5	550786	1465619	40.08%	2.065%
86	10.476	732	734	737	rVV	1874179	2185234	59.75%	3.079%
87	10.522	737	738	741	rVB3	294235	344675	9.42%	0.486%
88	10.591	742	744	745	rVB2	442946	410729	11.23%	0.579%
89	10.739	755	757	761	rBV	2911289	3657109	100.00%	5.153%
90	11.208	795	798	801	rVB	2256398	2609114	71.34%	3.677%
91	11.311	805	807	811	rBV	1119543	1418283	38.78%	1.999%
92	11.551	826	828	830	rBV	650406	846809	23.16%	1.193%
93	13.962	1036	1039	1042	rBV2	576135	1144656	31.30%	1.613%
94	15.997	1215	1217	1225	rVB	675547	1552143	42.44%	2.187%
95	16.397	1249	1252	1258	rVB	633664	1287217	35.20%	1.814%

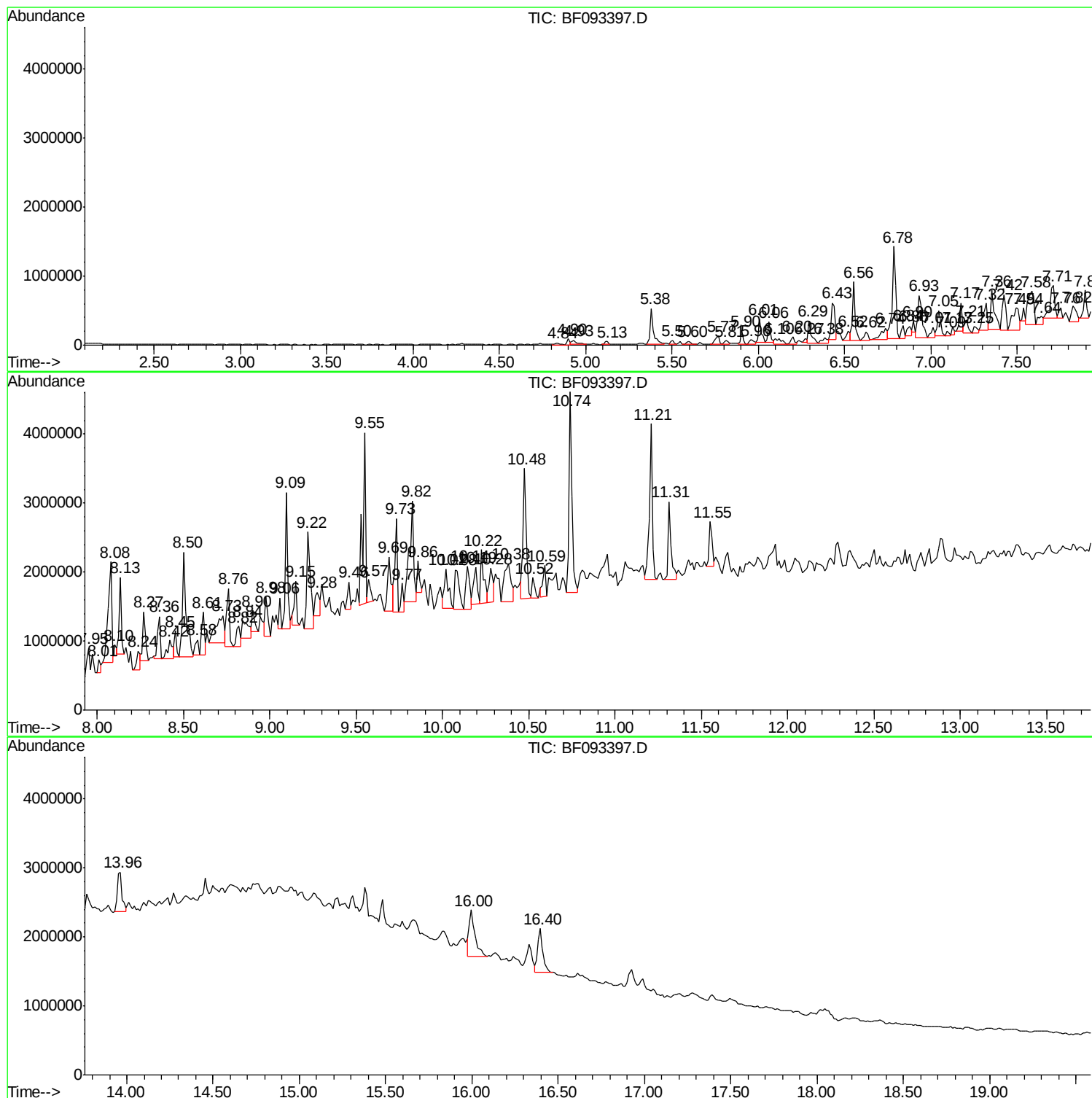
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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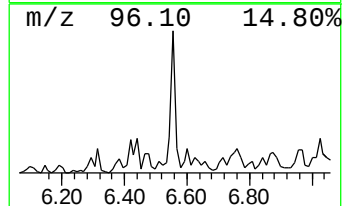
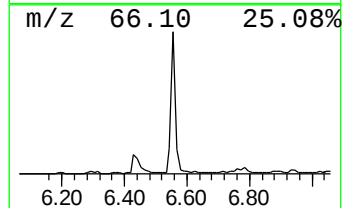
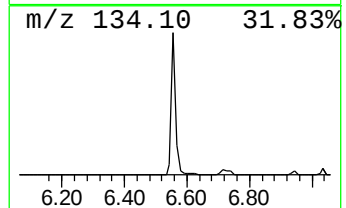
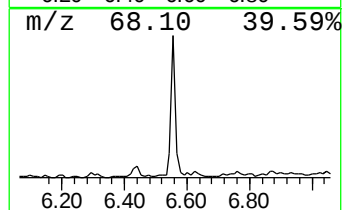
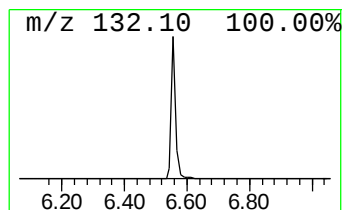
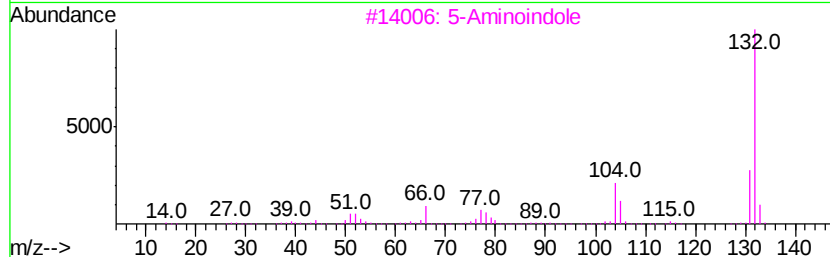
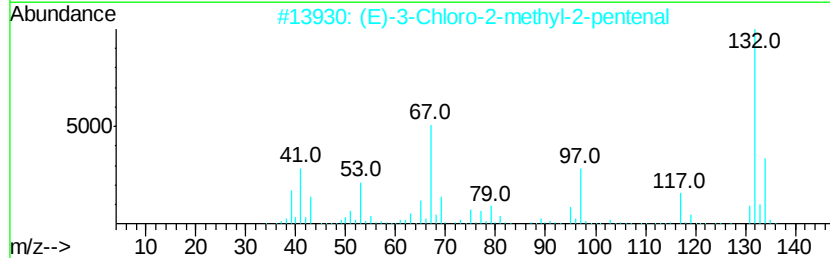
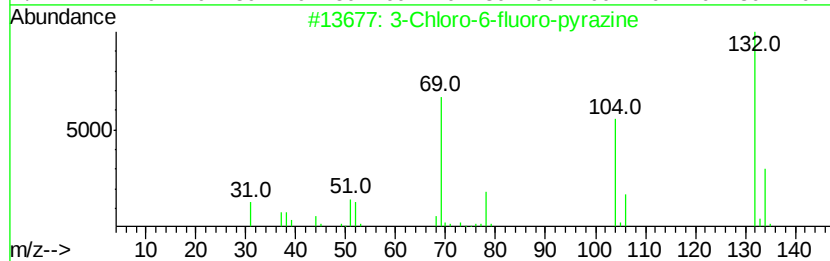
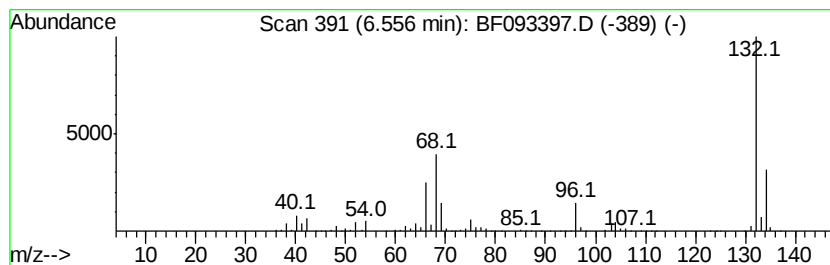
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.56 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	9.33 ng	870057	1,4-Dichlorobenzene-d4	6.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			5-Aminoindole	132	C8H8N2	005192-03-0	12
4			Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5			5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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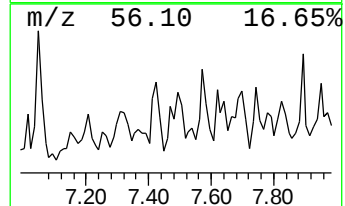
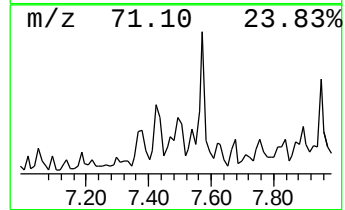
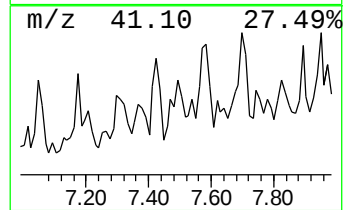
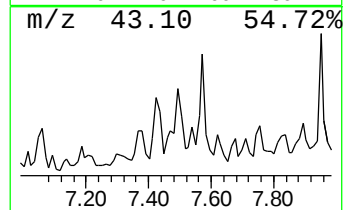
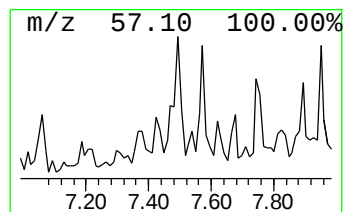
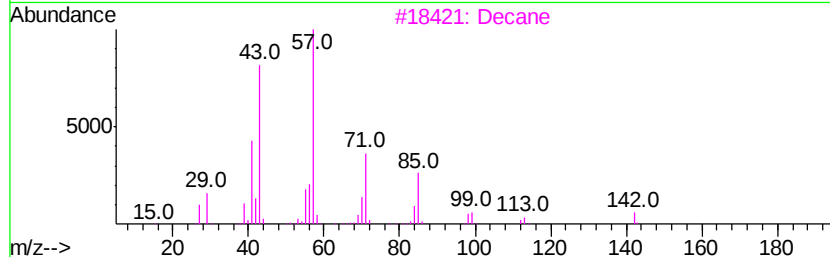
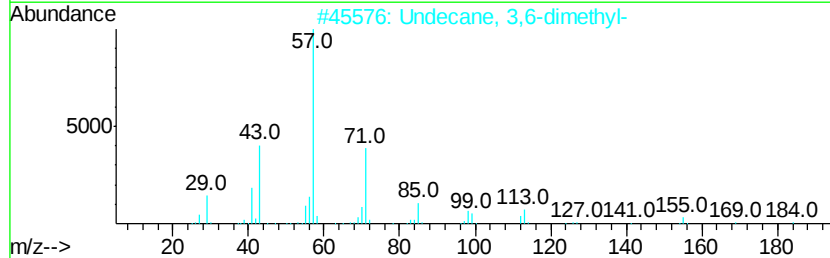
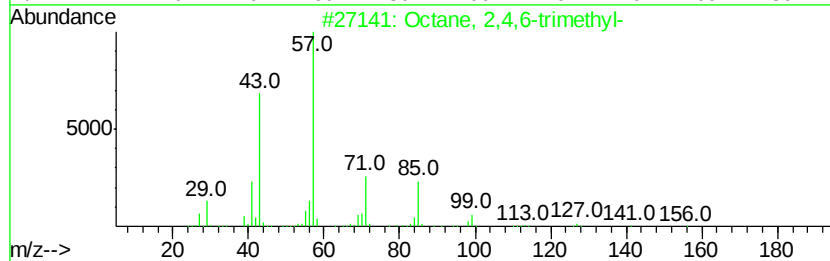
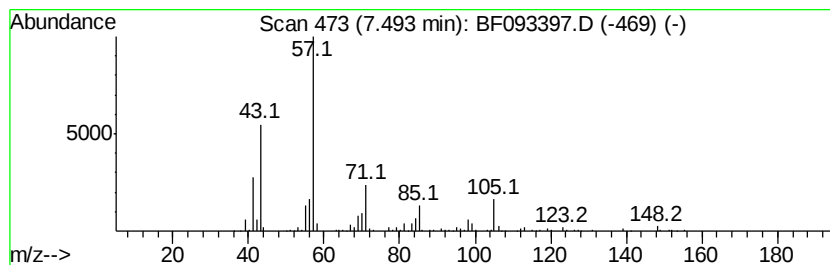
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Octane, 2,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	9.19 ng	866561	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	59
3		Decane	142	C10H22	000124-18-5	59
4		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	47
5		Nonane	128	C9H20	000111-84-2	47



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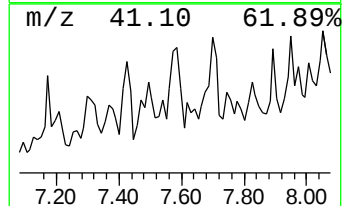
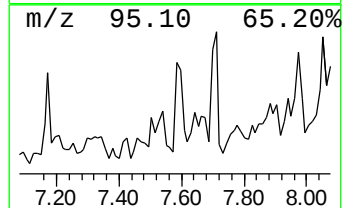
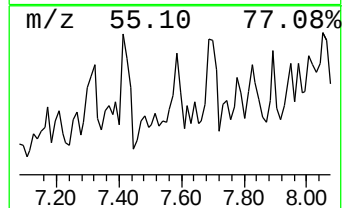
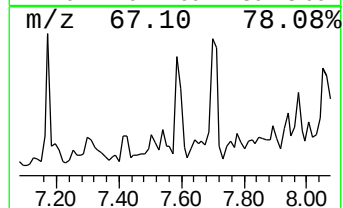
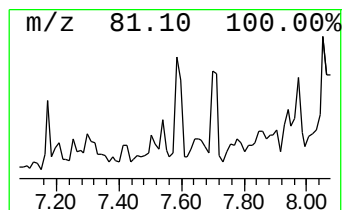
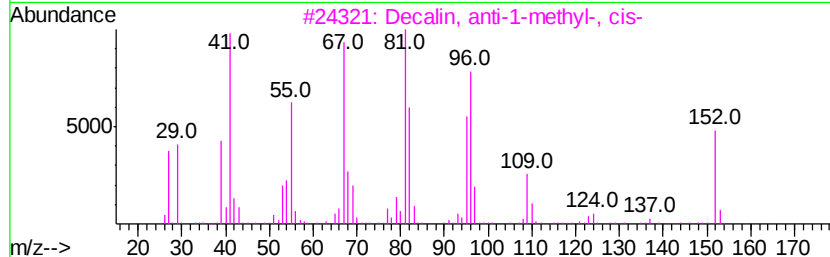
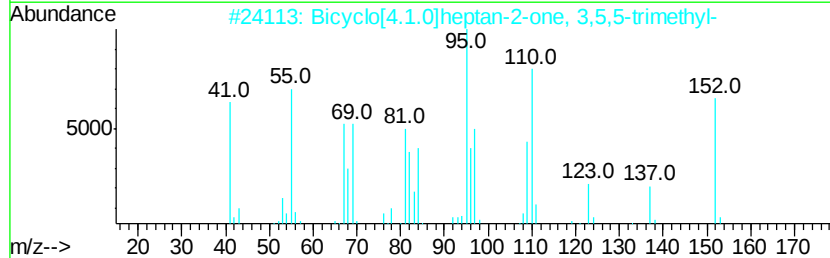
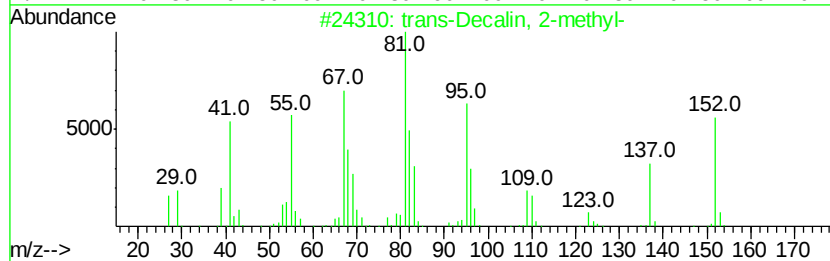
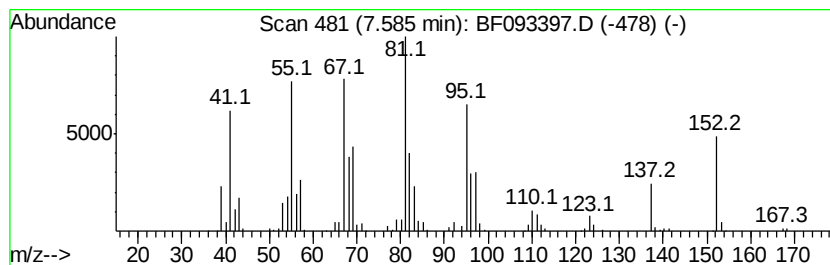
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 trans-Decalin, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	11.08 ng	1044310	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2		Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	62
3		Decalin, anti-1-methyl-, cis-	152	C11H20	1000158-89-0	58
4		1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	58
5		Cyclohexane, methylene-	96	C7H12	001192-37-6	53



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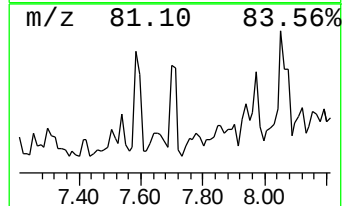
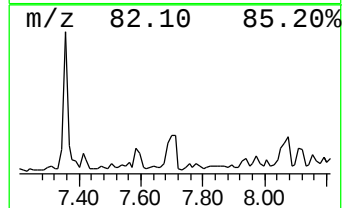
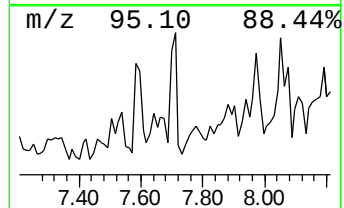
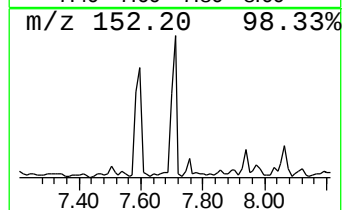
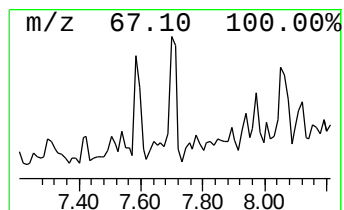
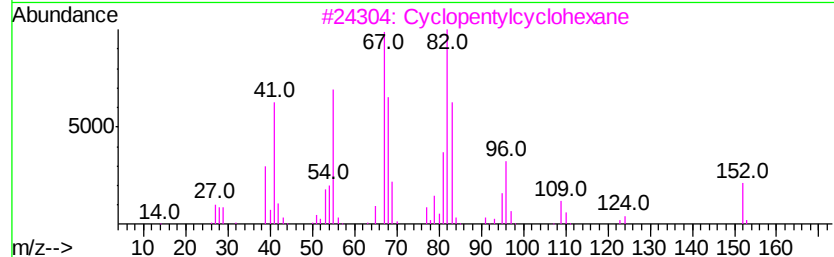
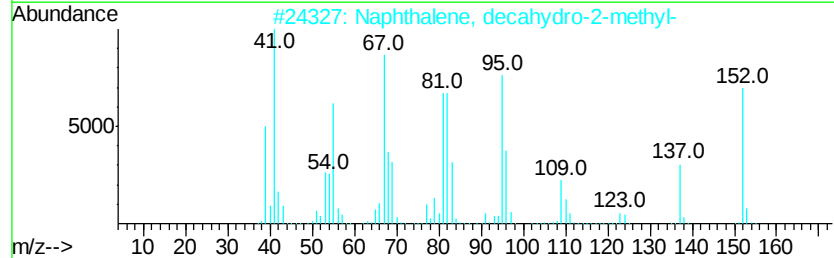
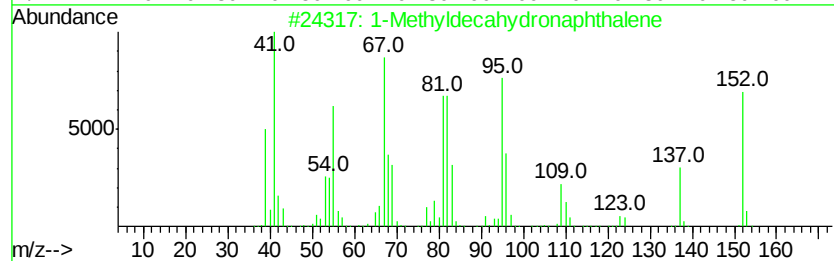
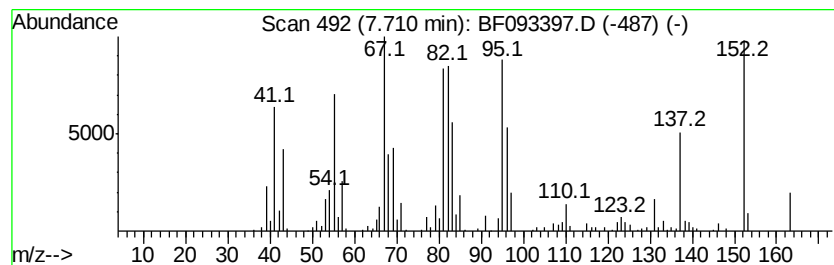
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Methyldecahydronaphthalene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	10.04 ng	946544	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	86
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	86
3		Cyclopentylcyclohexane	152	C11H20	001606-08-2	60
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58
5		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
19B-19

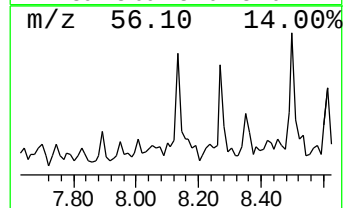
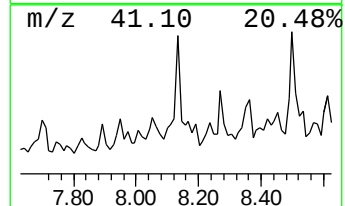
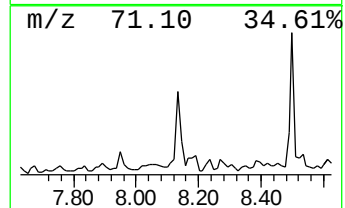
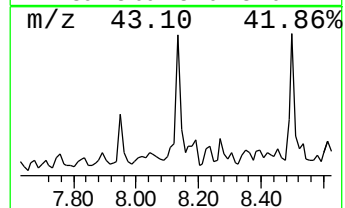
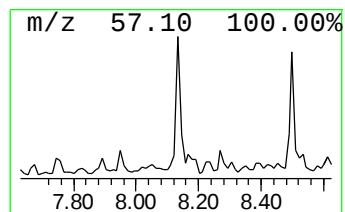
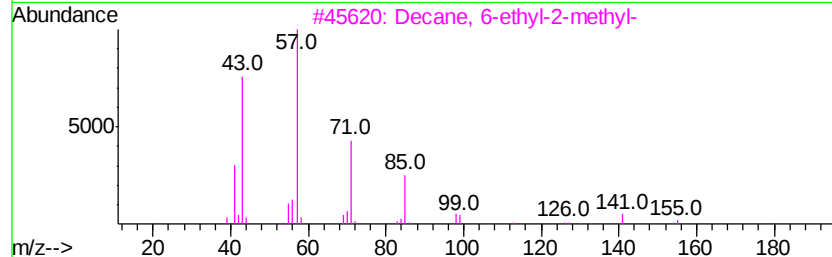
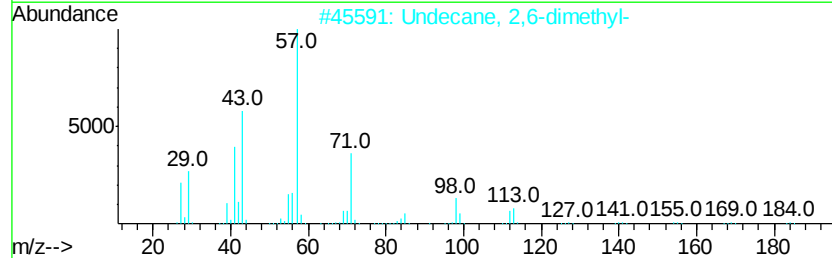
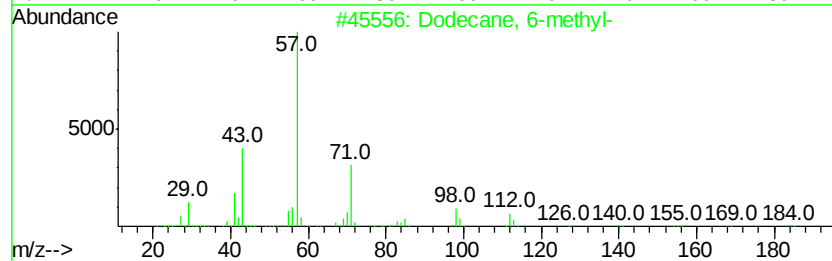
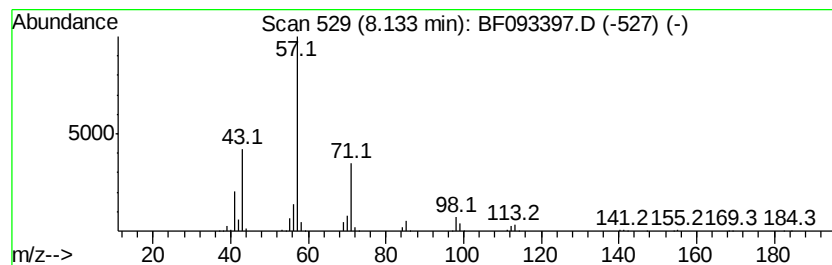
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 6-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.13	10.80 ng	1018450	Napthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 6-methyl-	184	C13H28	006044-71-9	86
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	83
3		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	64
4		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	64
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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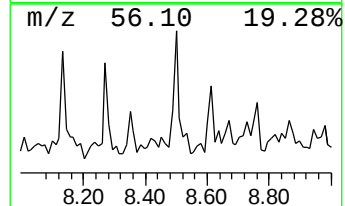
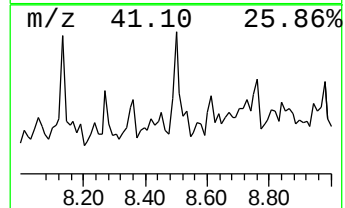
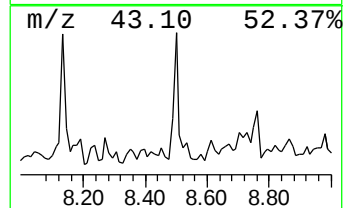
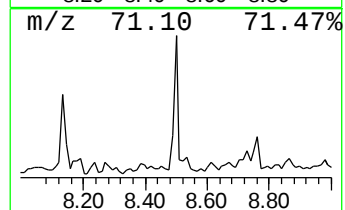
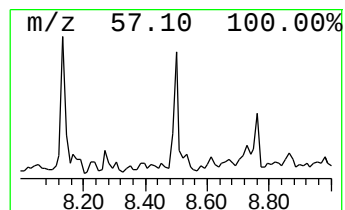
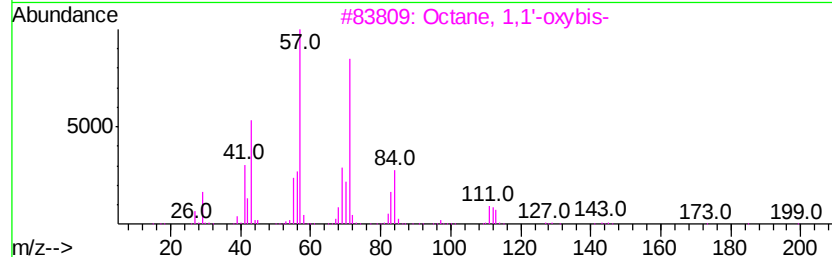
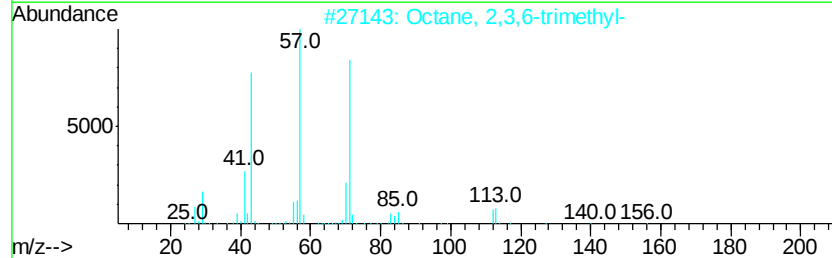
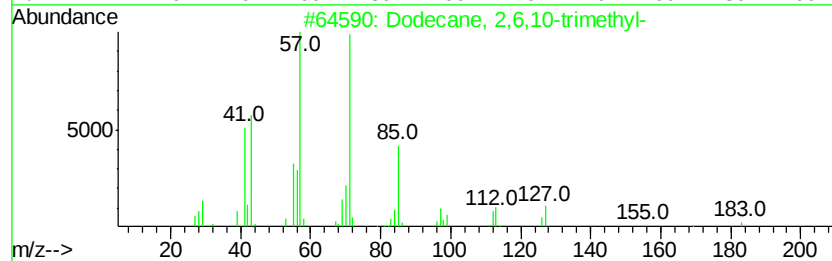
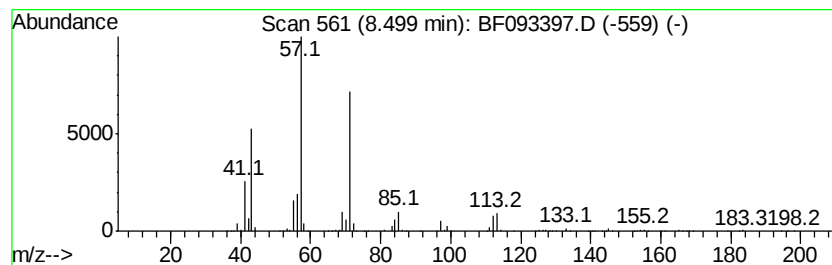
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Dodecane, 2,6,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	25.13 ng	2368760	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	64
4		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
5		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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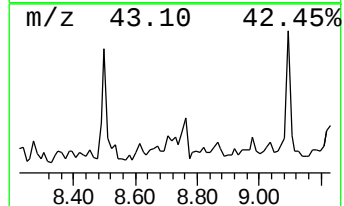
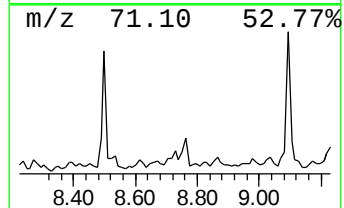
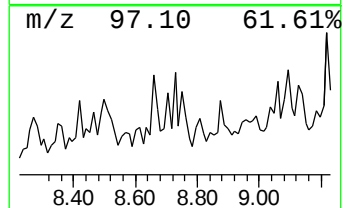
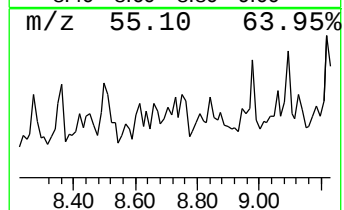
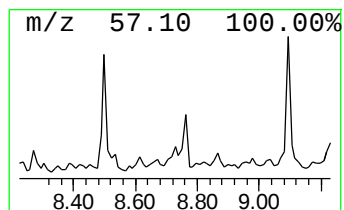
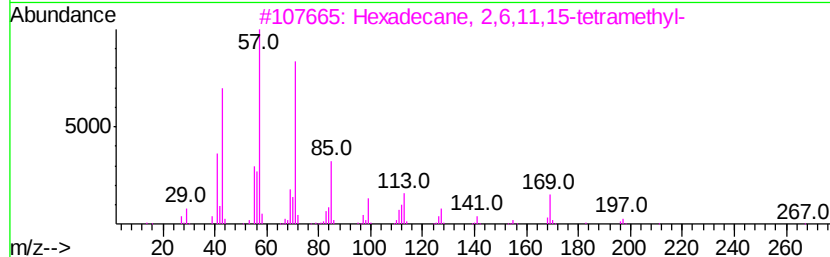
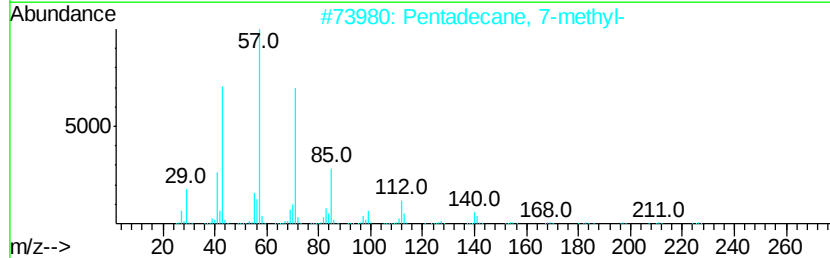
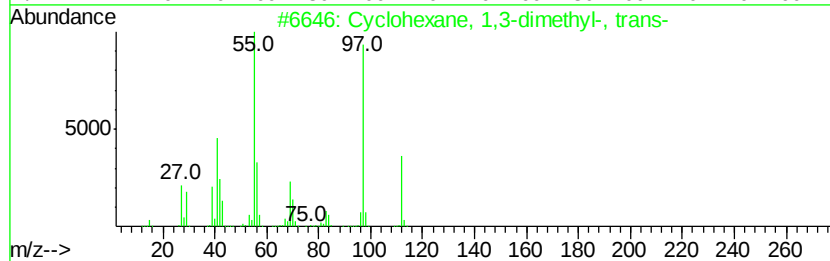
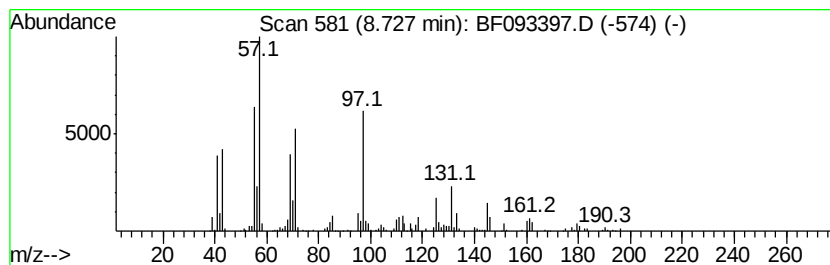
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown8.73 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	14.86 ng	1400740	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	30
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	27
3		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	27
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	27
5		1H-Pyrazole, 4,5-dihydro-3,5,5-t...	112	C6H12N2	003975-85-7	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093397.D
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Instrument :
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ClientSampleId :
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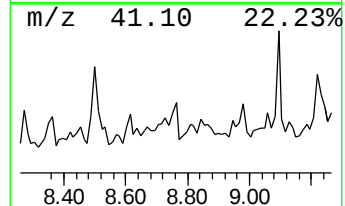
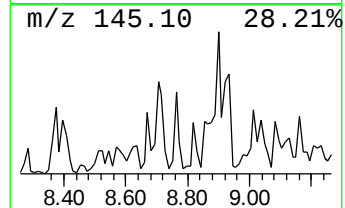
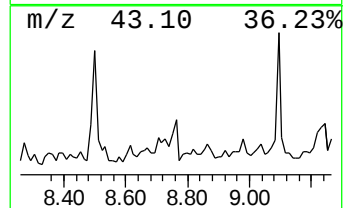
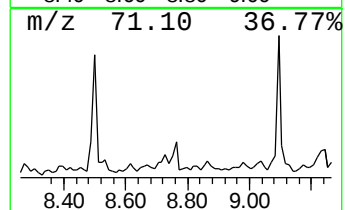
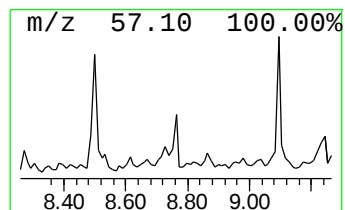
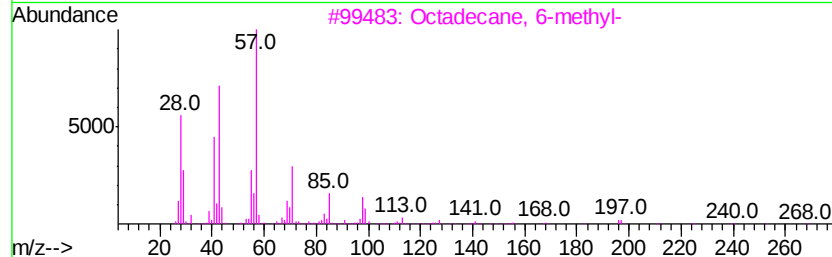
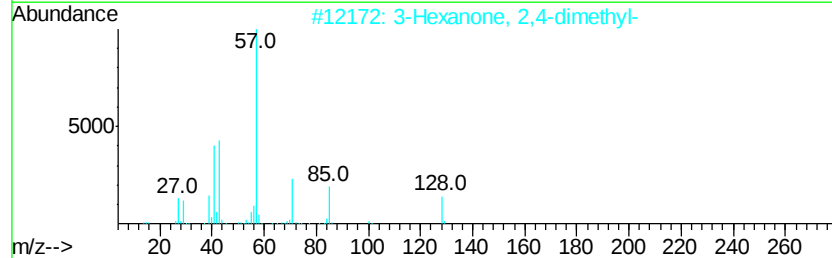
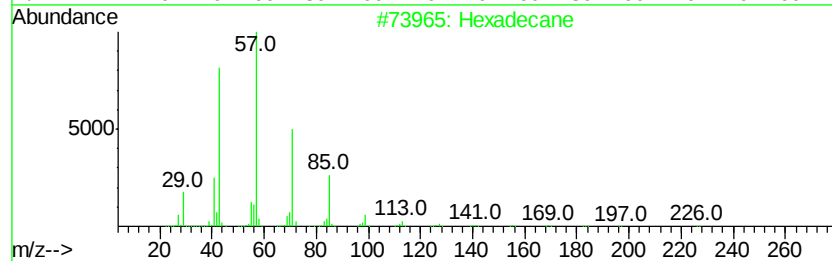
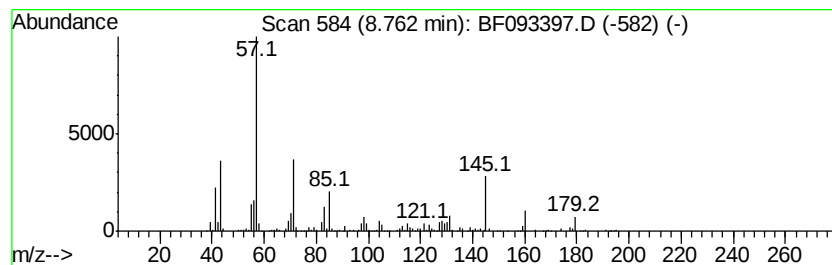
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown8.76 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	10.65 ng	1003740	Naphthalene-d8	8.08

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	43
2		3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	43
3		Octadecane, 6-methyl-	268	C19H40	010544-96-4	38
4		Octane, 2,2-dimethyl-	142	C10H22	015869-87-1	38
5		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
19B-19

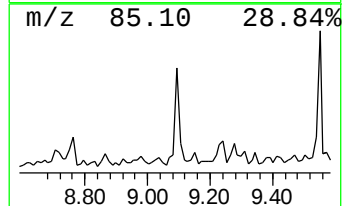
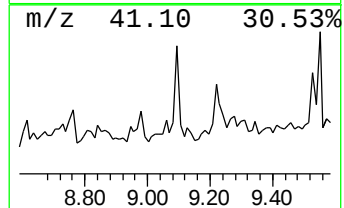
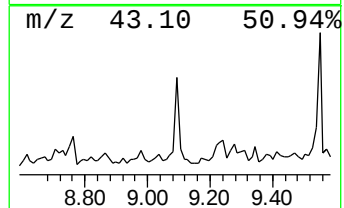
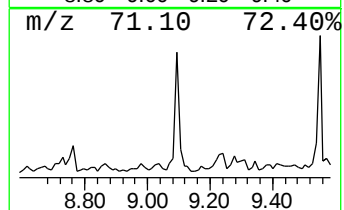
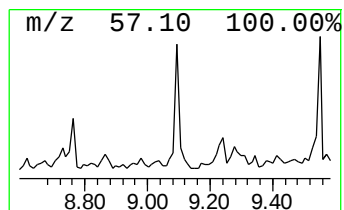
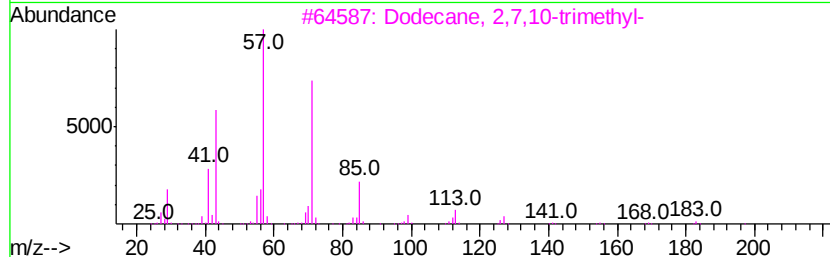
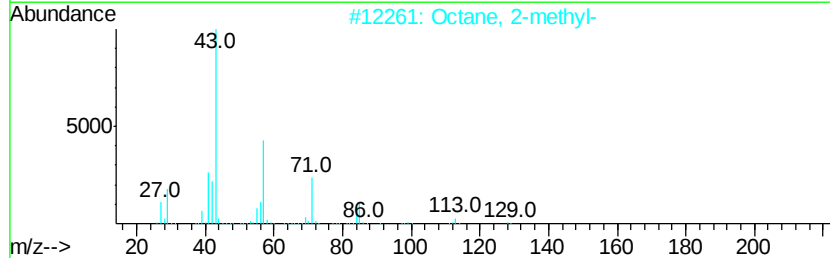
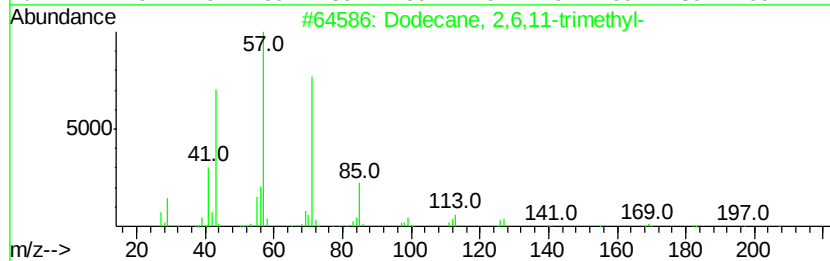
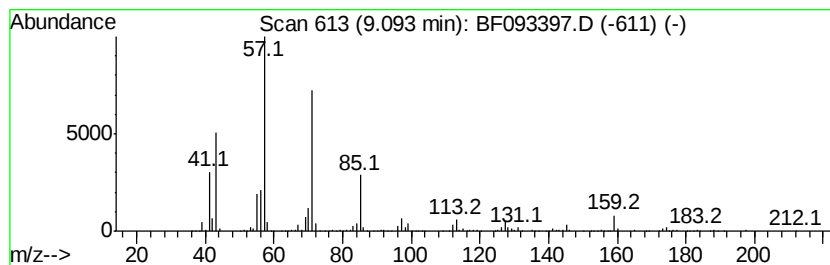
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2,6,11-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	14.77 ng	1939390	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		Octane, 2-methyl-	128	C9H20	003221-61-2	72
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
4		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	64
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
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Sample : I2056-20 5X
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ALS Vial : 36 Sample Multiplier: 1

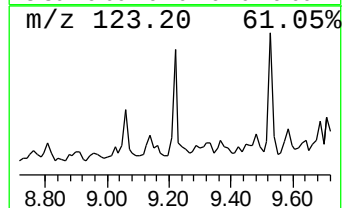
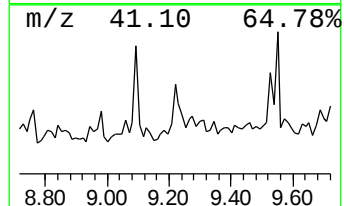
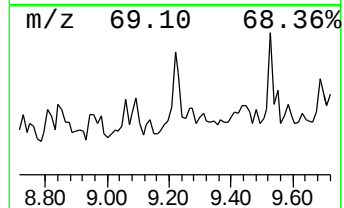
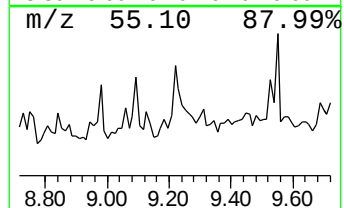
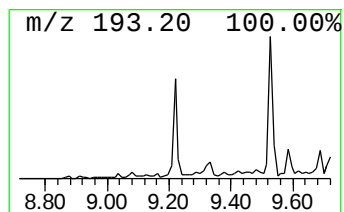
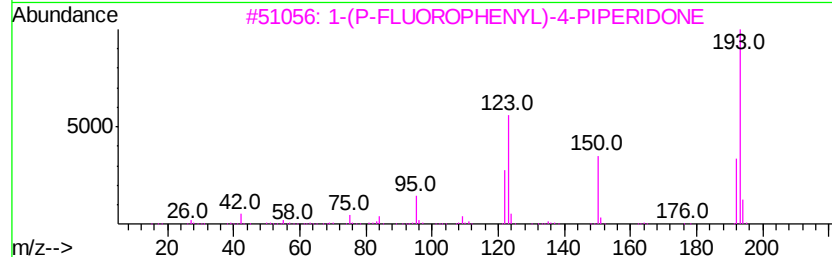
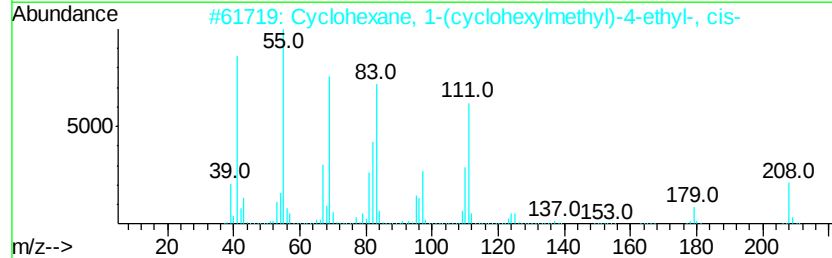
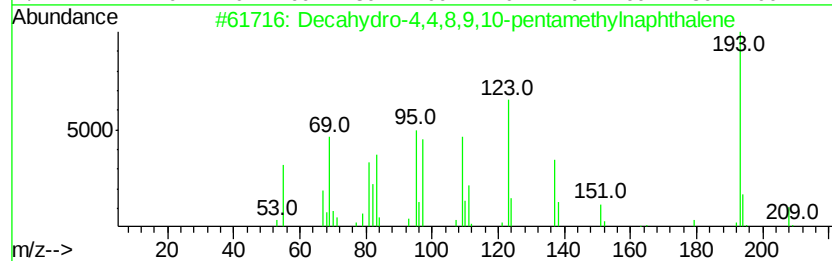
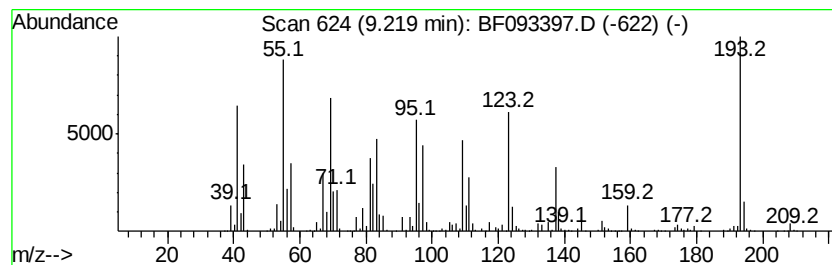
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decahydro-4,4,8,9,10-pentam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	17.36 ng	2279840	Acenaphthene-d10	9.82
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Decahydro-4,4,8,9,10-pentamethyl...	208 C15H28	080655-44-3 90
2		Cyclohexane, 1-(cyclohexylmethyl)...	208 C15H28	054934-95-1 40
3		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193 C11H12FN0	1000238-56-7 38
4		6-Nitroundec-5-ene	199 C11H21N02	1000192-40-3 27
5		Diallyldivinylsilane	164 C10H16Si	119901-88-1 22



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Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

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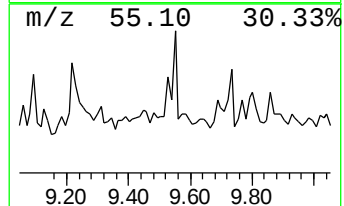
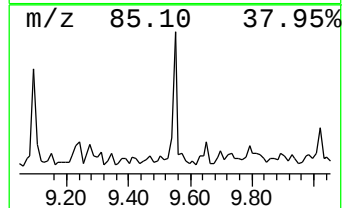
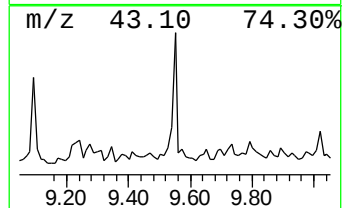
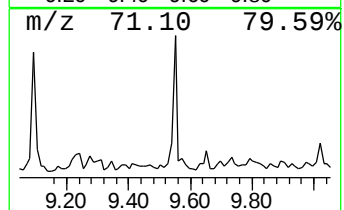
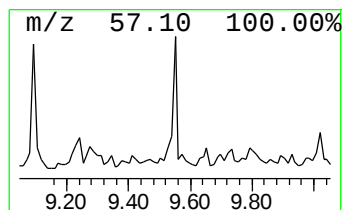
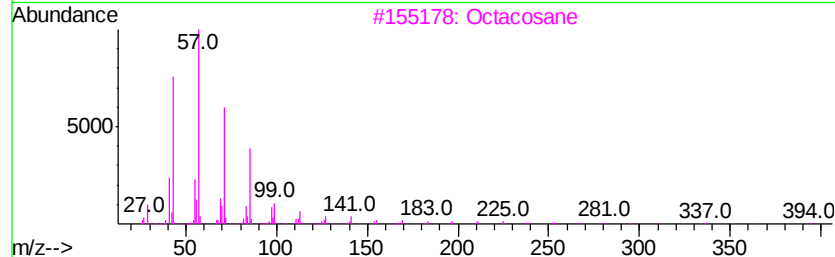
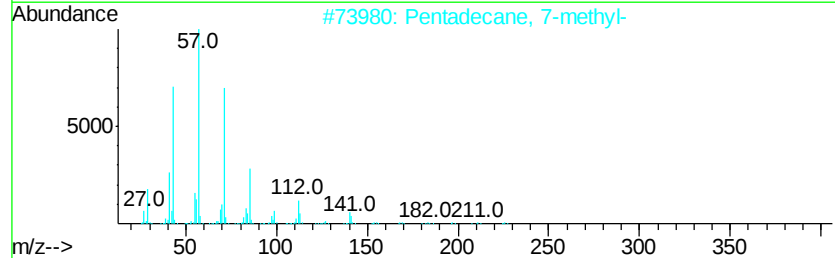
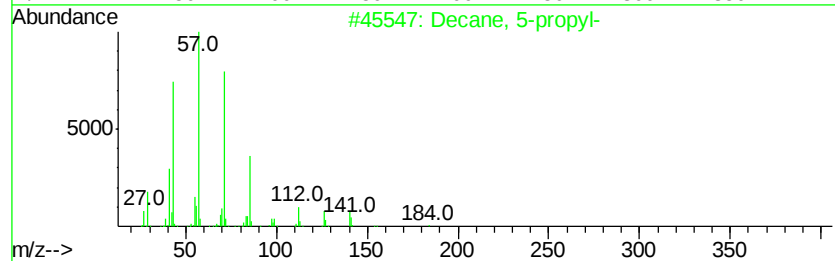
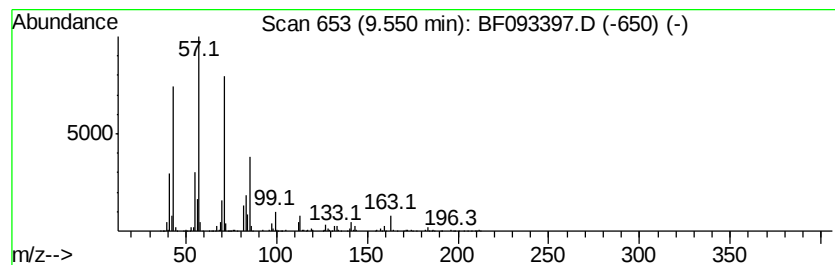
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Decane, 5-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	23.32 ng	3061980	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	87
2		Pentadecane, 7-methyl-	226	C16H34	006165-40-8	86
3		Octacosane	394	C28H58	000630-02-4	86
4		Eicosane	282	C20H42	000112-95-8	86
5		Tetratetracontane	619	C44H90	007098-22-8	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
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ClientSampleId :
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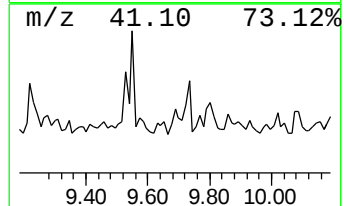
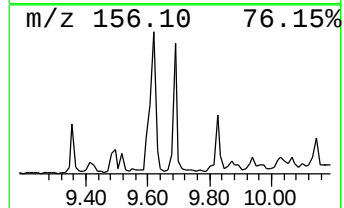
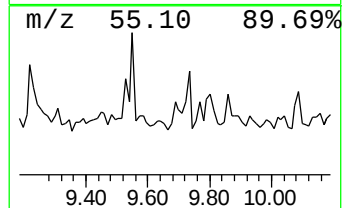
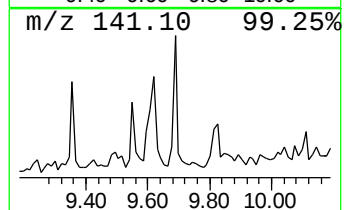
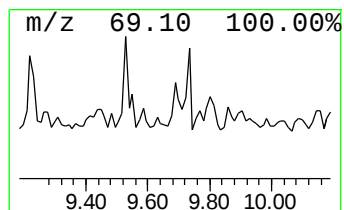
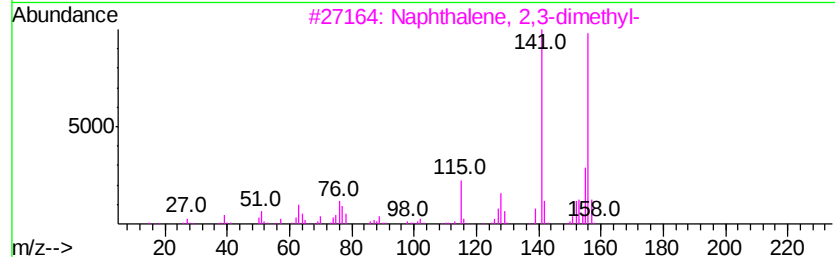
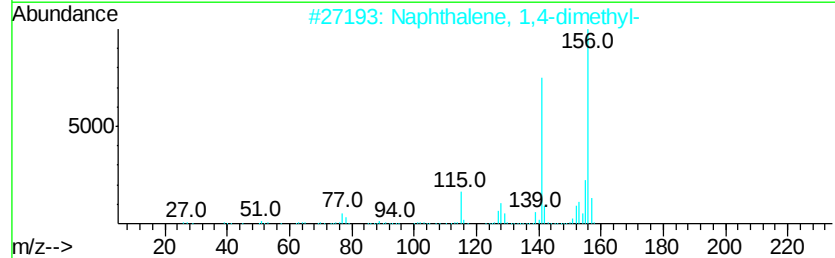
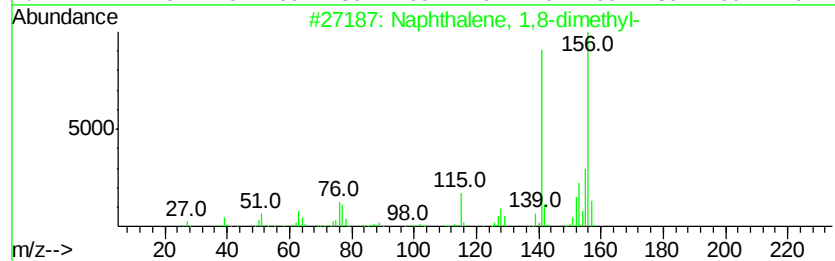
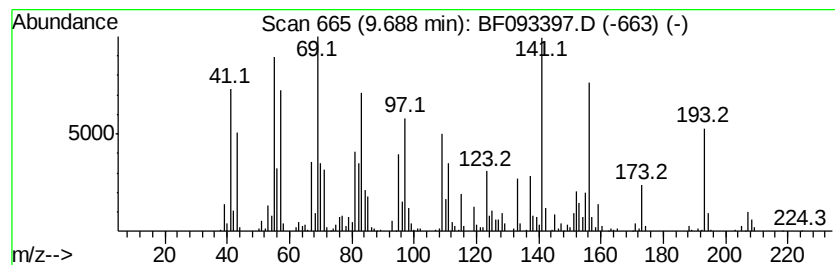
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,8-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	8.82 ng	1158020	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	81
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	50
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	48
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	42
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
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Sample : I2056-20 5X
Misc :
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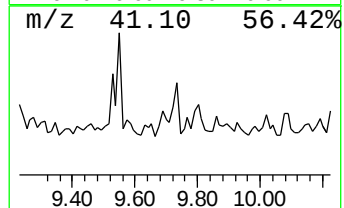
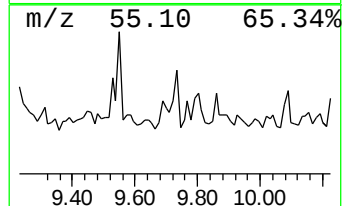
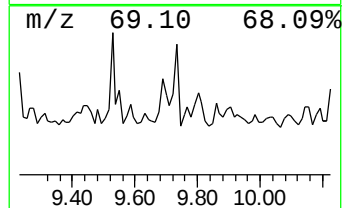
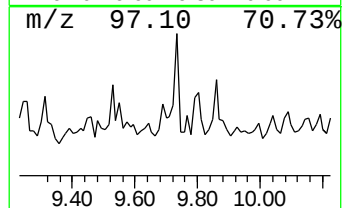
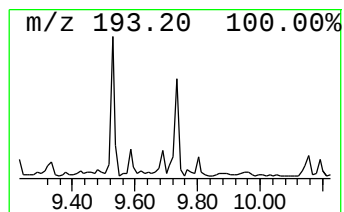
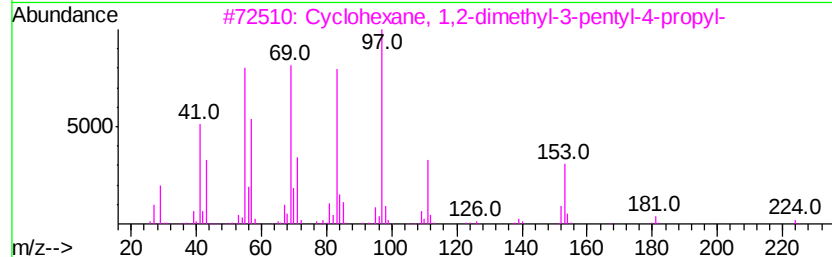
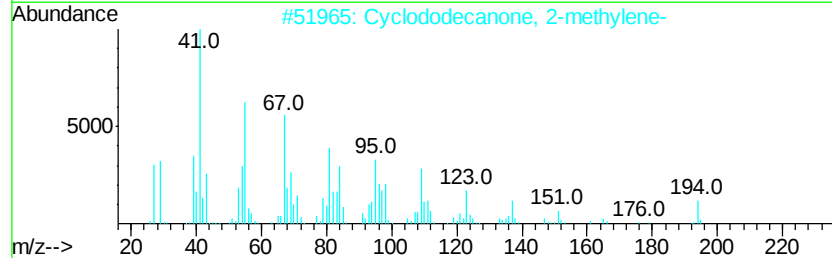
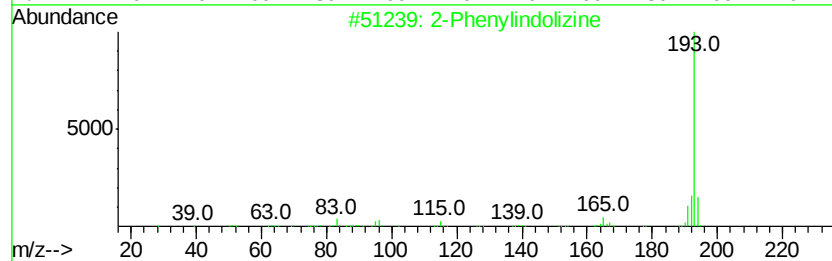
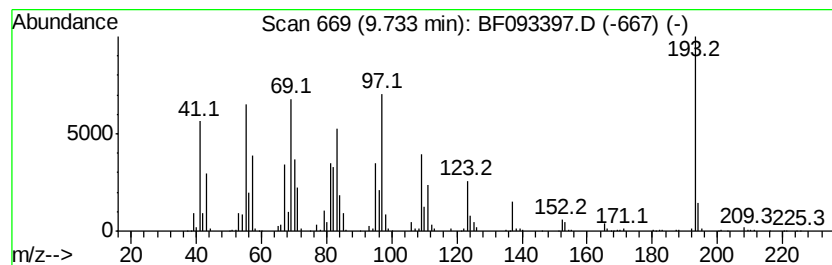
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 unknown9.73 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	10.14 ng	1331160	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylindolizine	193	C14H11N	025379-20-8	38
2		Cyclododecanone, 2-methylene-	194	C13H22O	003045-76-9	35
3		Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	25
4		[1,1'-Biphenyl]-4-acetonitrile	193	C14H11N	031603-77-7	22
5		1,7-Nonadiene, 4,8-dimethyl-	152	C11H20	062108-28-5	20



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
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ClientSampleId :
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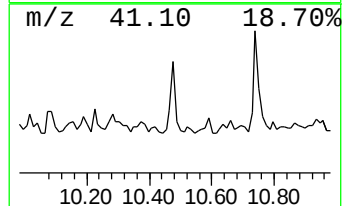
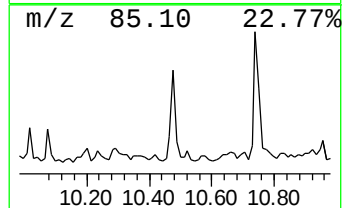
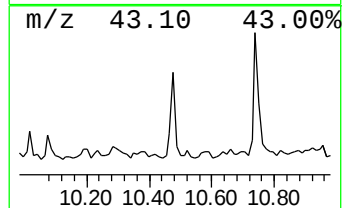
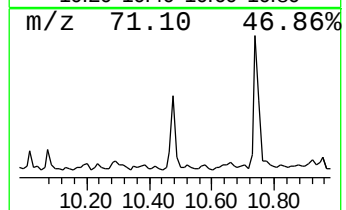
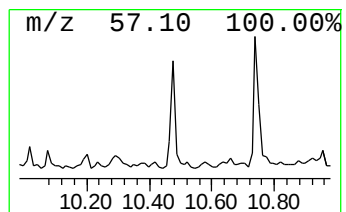
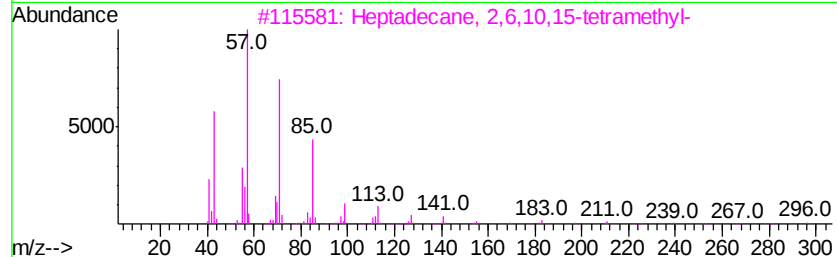
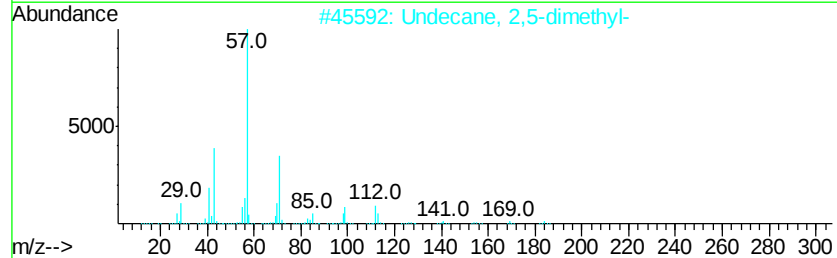
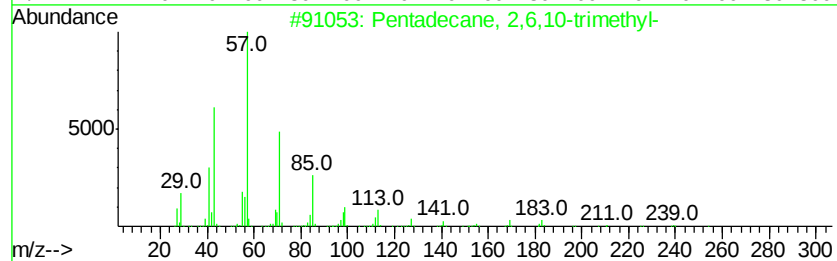
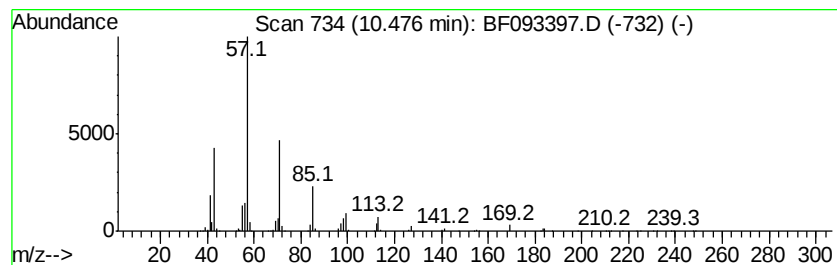
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.48	16.64 ng	2185230	Acenaphthene-d10	9.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
4		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
5		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
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Instrument :
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ClientSampleId :
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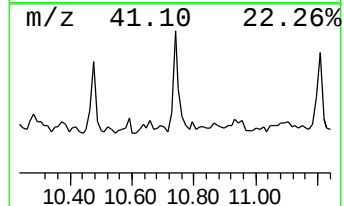
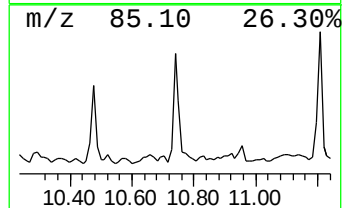
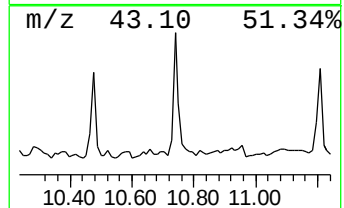
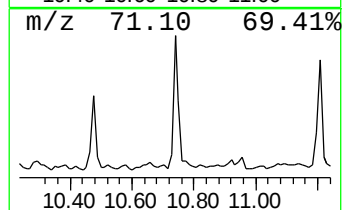
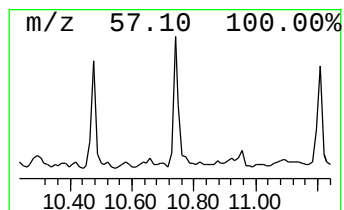
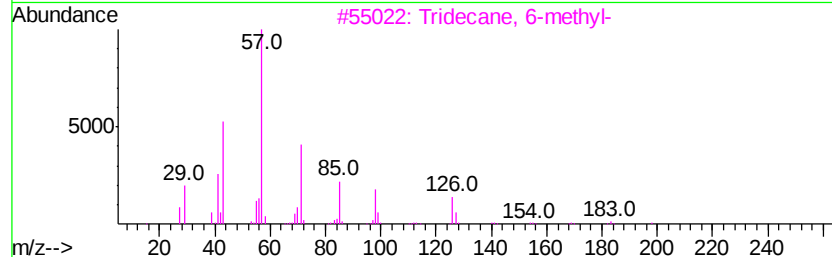
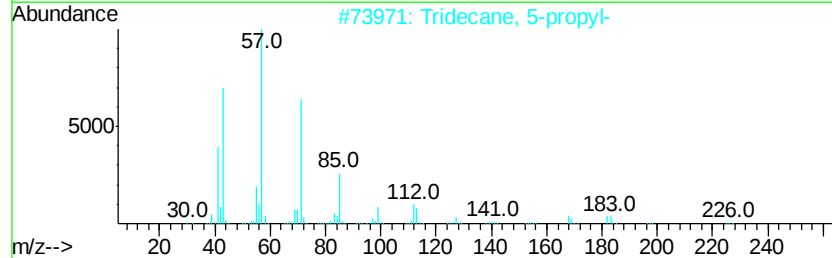
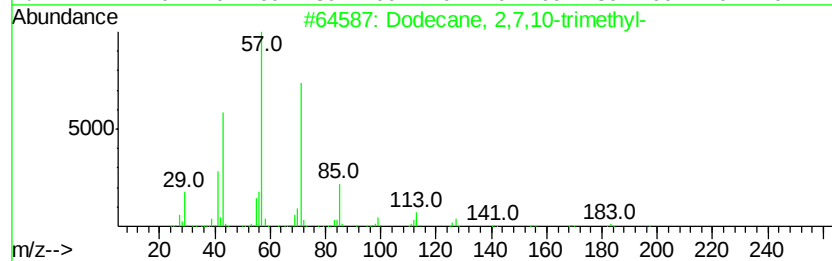
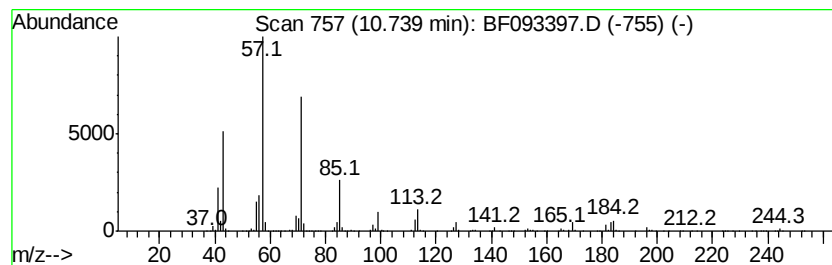
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Dodecane, 2,7,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	51.57 ng	3657110	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	76
4		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
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ALS Vial : 36 Sample Multiplier: 1

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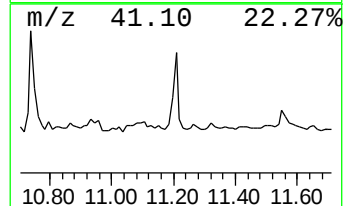
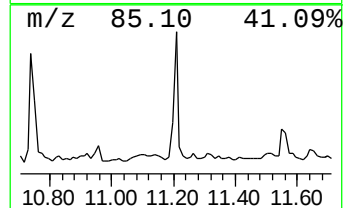
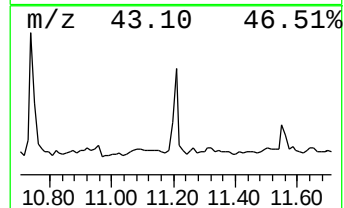
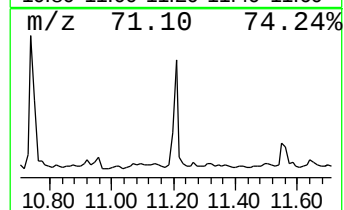
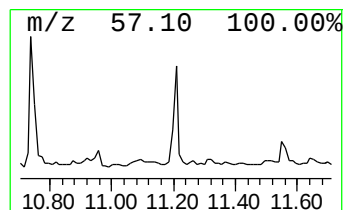
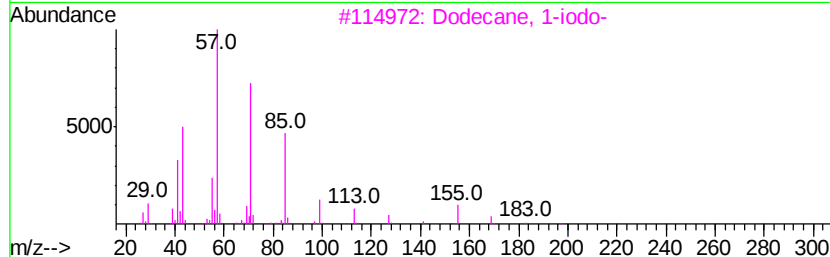
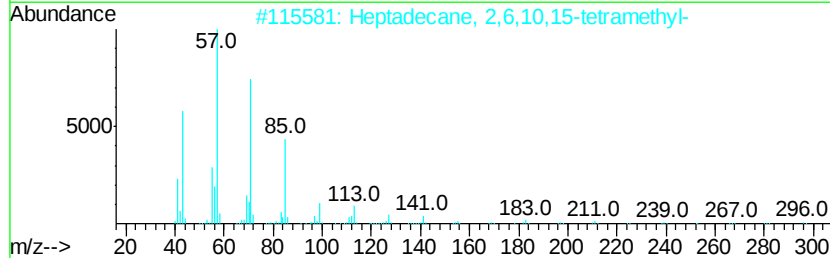
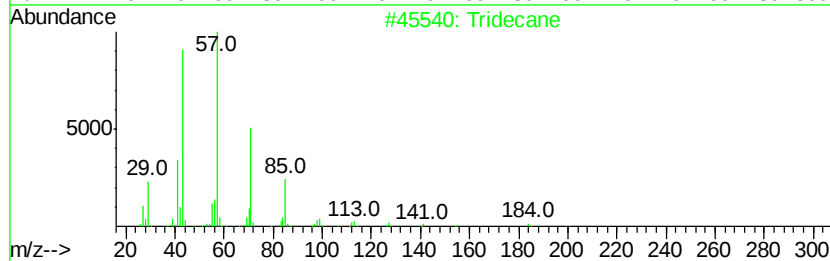
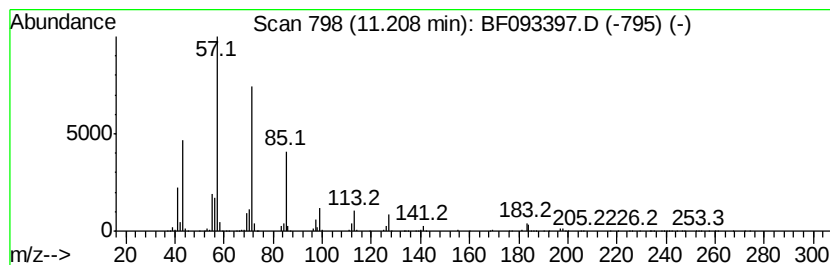
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.21	36.79 ng	2609110	Phenanthrene-d10	11.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	91
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4		Heptacosane	380	C27H56	000593-49-7	83
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
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Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

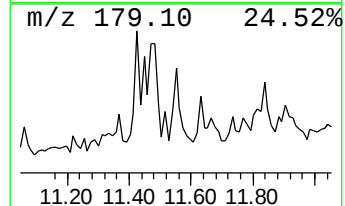
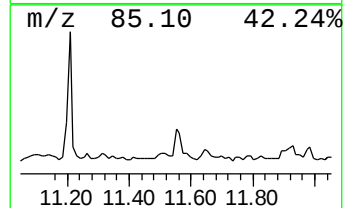
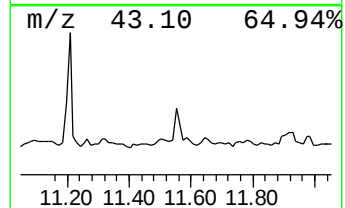
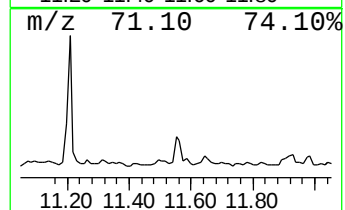
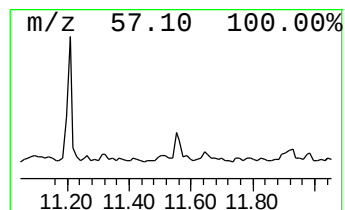
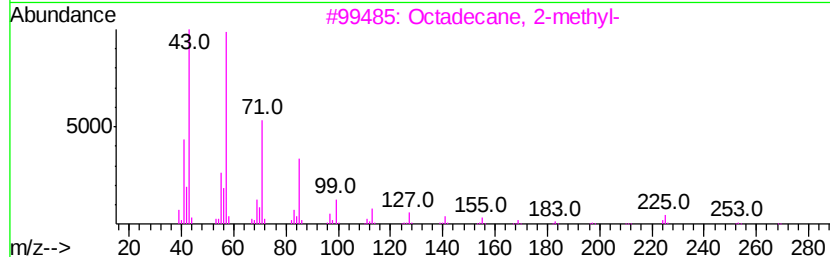
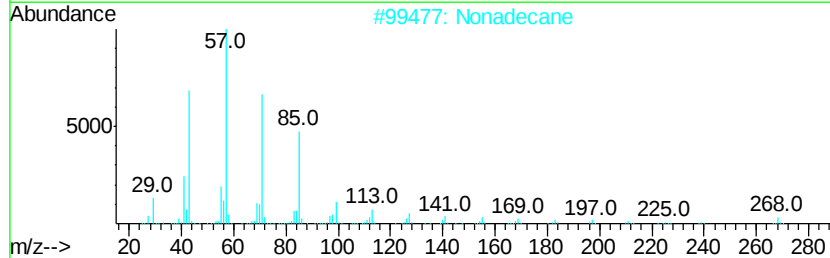
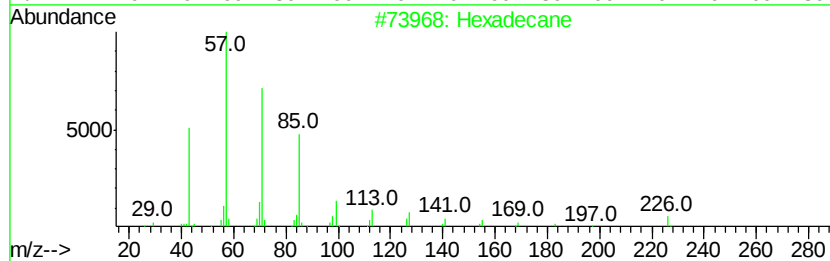
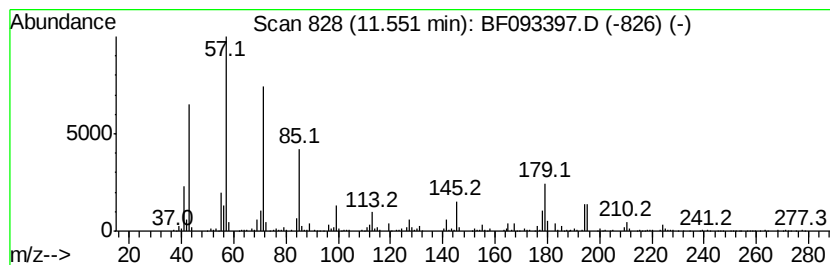
Instrument :
BNA_F
ClientSampleId :
19B-19

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 18 Hexadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.55	11.94 ng	846809	Phenanthrene-d10		11.31		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	92
2			Nonadecane	268	C19H40	000629-92-5	83
3			Octadecane, 2-methyl-	268	C19H40	001560-88-9	64
4			Decane, 5-propyl-	184	C13H28	017312-62-8	60
5			Octacosane	394	C28H58	000630-02-4	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030317\
Data File : BF093397.D
Acq On : 4 Mar 2017 10:44
Operator : SJ/MA
Sample : I2056-20 5X
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
19B-19

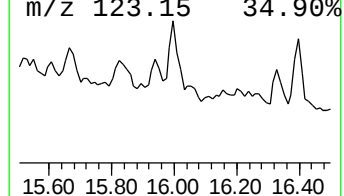
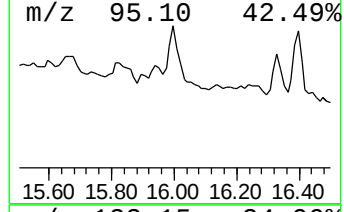
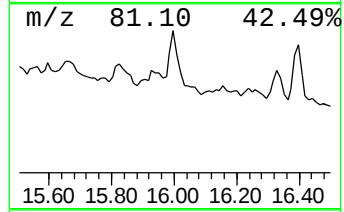
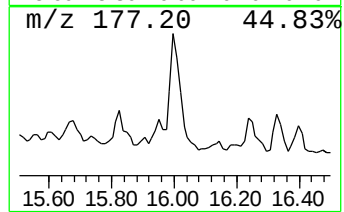
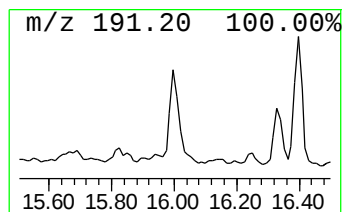
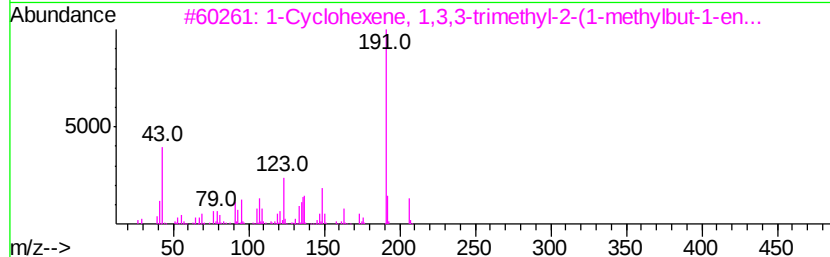
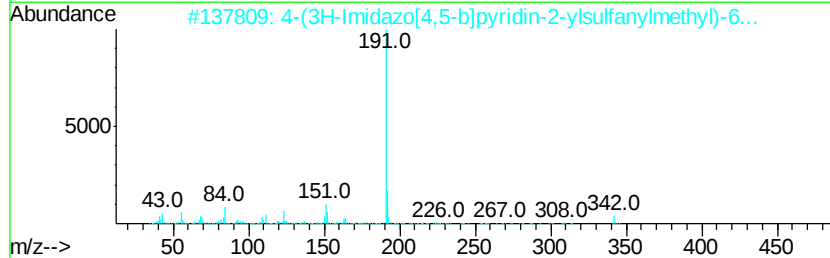
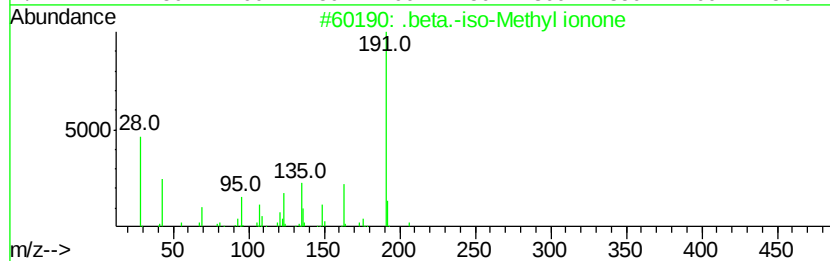
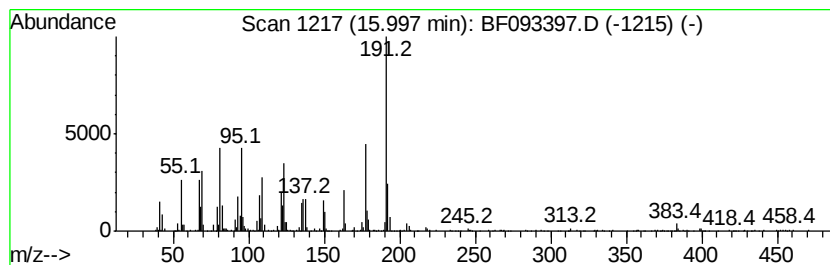
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 .beta.-iso-Methyl ionone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.00	20.00 ng	1552140	Perylene-d12	15.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	52
2		4-(3H-Imidazo[4,5-b]pyridin-2-yl...)	342	C15H18N8S	1000276-08-2	35
3		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
4		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	27
5		Anthracene, 9-butyl-	234	C18H18	001498-69-7	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093397.D
 Acq On : 4 Mar 2017 10:44
 Operator : SJ/MA
 Sample : I2056-20 5X
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 19B-19

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
unknown6.56	6.56	9.3	ng	870057	1	6.78	1864680	20.0
Octane, 2,4,6-tri...	7.49	9.2	ng	866561	2	8.08	1885550	20.0
trans-Decalin, 2-...	7.58	11.1	ng	1044310	2	8.08	1885550	20.0
1-Methyldecahydro...	7.71	10.0	ng	946544	2	8.08	1885550	20.0
Dodecane, 6-methyl-	8.13	10.8	ng	1018450	2	8.08	1885550	20.0
Dodecane, 2,6,10-...	8.50	25.1	ng	2368760	2	8.08	1885550	20.0
unknown8.73	8.73	14.9	ng	1400740	2	8.08	1885550	20.0
unknown8.76	8.76	10.7	ng	1003740	2	8.08	1885550	20.0
Dodecane, 2,6,11-...	9.09	14.8	ng	1939390	3	9.82	2626500	20.0
Decahydro-4,4,8,9...	9.22	17.4	ng	2279840	3	9.82	2626500	20.0
Decane, 5-propyl-	9.55	23.3	ng	3061980	3	9.82	2626500	20.0
Naphthalene, 1,8-...	9.69	8.8	ng	1158020	3	9.82	2626500	20.0
unknown9.73	9.73	10.1	ng	1331160	3	9.82	2626500	20.0
Pentadecane, 2,6,...	10.48	16.6	ng	2185230	3	9.82	2626500	20.0
Dodecane, 2,7,10-...	10.74	51.6	ng	3657110	4	11.31	1418280	20.0
Tridecane	11.21	36.8	ng	2609110	4	11.31	1418280	20.0
Hexadecane	11.55	11.9	ng	846809	4	11.31	1418280	20.0
.beta.-iso-Methyl...	16.00	20.0	ng	1552140	6	15.38	1552140	20.0