

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093359.D
 Acq On : 3 Mar 2017 13:23
 Operator : SJ/MA
 Sample : I2057-05 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24B-25

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	2.601	38	45	49	rBV	72625	158827	1.91%	0.071%
2	3.904	153	159	161	rBV	200865	384439	4.63%	0.173%
3	3.950	161	163	169	rVB	89499	168552	2.03%	0.076%
4	4.076	169	174	176	rBV	74367	152443	1.84%	0.069%
5	4.133	176	179	183	rVB	99606	183823	2.21%	0.083%
6	4.281	189	192	198	rBV2	204585	372745	4.49%	0.168%
7	4.396	198	202	206	rBV	124006	217422	2.62%	0.098%
8	4.624	220	222	224	rBV	91024	137618	1.66%	0.062%
9	4.750	228	233	235	rVV	364805	486315	5.86%	0.219%
10	4.807	235	238	239	rVV	138878	272172	3.28%	0.123%
11	4.853	239	242	245	rVV2	651946	1061118	12.78%	0.478%
12	4.910	245	247	252	rVV2	793007	1777310	21.41%	0.800%
13	5.013	255	256	258	rVV2	90521	151934	1.83%	0.068%
14	5.059	258	260	262	rVB	120715	170704	2.06%	0.077%
15	5.127	264	266	268	rBV	855274	1118295	13.47%	0.503%
16	5.161	268	269	273	rVB4	99111	187837	2.26%	0.085%
17	5.310	279	282	287	rVB4	143552	440184	5.30%	0.198%
18	5.379	287	288	291	rBV	1367167	1779165	21.43%	0.801%
19	5.424	291	292	295	rVB	318197	334708	4.03%	0.151%
20	5.516	298	300	302	rBV2	750672	1043351	12.57%	0.470%
21	5.561	302	304	306	rVB	784261	700919	8.44%	0.316%
22	5.607	306	308	312	rVB2	598174	931973	11.23%	0.420%
23	5.676	312	314	316	rBV	258242	264380	3.18%	0.119%
24	5.779	319	323	325	rBV2	952217	1468773	17.69%	0.661%
25	5.836	325	328	330	rBV2	532051	1067876	12.86%	0.481%
26	5.916	333	335	338	rVB3	1624352	2109361	25.41%	0.950%
27	5.973	338	340	342	rBV2	467460	844402	10.17%	0.380%
28	6.019	342	344	348	rBV2	3025676	4235321	51.01%	1.907%
29	6.076	348	349	351	rBV	1464288	1553533	18.71%	0.699%
30	6.110	351	352	358	rVB4	566454	1631231	19.65%	0.734%
31	6.213	358	361	366	rBV2	1294355	3523423	42.44%	1.586%
32	6.281	366	367	368	rBV	1475068	1221479	14.71%	0.550%
33	6.304	368	369	374	rVB3	1429220	2704375	32.57%	1.217%
34	6.396	374	377	379	rBV3	493514	1155932	13.92%	0.520%

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35	6.441	379	381	383	rBV2	1697851	2919676	35.17%	1.314%
36	6.487	383	385	386	rVB	522785	609018	7.34%	0.274%
37	6.533	386	389	390	rBV	1392595	2858364	34.43%	1.287%
38	6.567	390	392	395	rVB	2780747	3420562	41.20%	1.540%
39	6.647	395	399	400	rBV3	949485	1504029	18.12%	0.677%
40	6.693	400	403	404	rBV3	166757	372347	4.48%	0.168%
41	6.750	404	408	410	rBV2	1374365	3215486	38.73%	1.448%
42	6.819	410	414	415	rVB2	3446944	6179061	74.42%	2.782%
43	6.853	415	417	419	rBV	1168248	1577819	19.00%	0.710%
44	6.887	419	420	421	rBV	581024	680351	8.19%	0.306%
45	6.922	421	423	424	rBV	283319	310806	3.74%	0.140%
46	6.944	424	425	430	rVB3	3265166	5601204	67.46%	2.522%
47	7.070	430	436	438	rBV3	1887063	4979268	59.97%	2.242%
48	7.127	438	441	442	rBV2	785152	1234668	14.87%	0.556%
49	7.196	445	447	448	rBV	1761784	2083031	25.09%	0.938%
50	7.219	448	449	453	rVB3	795174	1377754	16.59%	0.620%
51	7.276	453	454	456	rBV2	479814	851048	10.25%	0.383%
52	7.344	456	460	461	rBV2	3264370	5375900	64.75%	2.420%
53	7.379	461	463	467	rVB4	1961568	4166590	50.18%	1.876%
54	7.447	467	469	471	rVB2	2571860	3989696	48.05%	1.796%
55	7.527	471	476	477	rBV2	2188173	5275786	63.54%	2.375%
56	7.596	477	482	485	rVB5	2083386	6545266	78.83%	2.947%
57	7.653	485	487	489	rBV2	553426	952110	11.47%	0.429%
58	7.733	489	494	496	rBV4	2486757	6939729	83.59%	3.124%
59	7.779	496	498	499	rVB2	1233281	1449469	17.46%	0.653%
60	7.836	501	503	508	rVB3	2618035	4531963	54.59%	2.040%
61	7.916	508	510	512	rBV3	1809984	2300462	27.71%	1.036%
62	7.973	512	515	519	rBV3	1509498	4370452	52.64%	1.967%
63	8.087	519	525	527	rBV5	2657217	8302492	100.00%	3.738%
64	8.167	529	532	536	rVB2	3282453	5656664	68.13%	2.546%
65	8.259	538	540	542	rBV3	1269597	2868562	34.55%	1.291%
66	8.305	542	544	546	rVB2	1859489	1854681	22.34%	0.835%
67	8.396	548	552	553	rVB3	2409131	3583729	43.16%	1.613%
68	8.430	553	555	556	rBV	602201	561468	6.76%	0.253%
69	8.487	558	560	562	rVB2	1235497	1343557	16.18%	0.605%
70	8.533	562	564	569	rBV3	3722531	7306921	88.01%	3.289%
71	8.613	569	571	572	rBV	2010599	1956038	23.56%	0.881%

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72	8.647	572	574	575	rBV2	1455657	1909275	23.00%	0.860%
73	8.716	577	580	581	rBV3	811292	1587642	19.12%	0.715%
74	8.830	589	590	591	rVB	2108661	1446541	17.42%	0.651%
75	8.933	596	599	601	rVV2	1783943	3807637	45.86%	1.714%
76	9.013	605	606	608	rVB2	1458242	1906452	22.96%	0.858%
77	9.059	608	610	611	rBV2	746916	1049220	12.64%	0.472%
78	9.139	615	617	619	rBV2	2941506	4305904	51.86%	1.938%
79	9.185	619	621	622	rVB	1073708	1119047	13.48%	0.504%
80	9.265	626	628	631	rBV3	2081729	4143817	49.91%	1.865%
81	9.345	631	635	638	rBV4	1313312	4315546	51.98%	1.943%
82	9.470	643	646	647	rVB	1637287	2622833	31.59%	1.181%
83	9.539	647	652	653	rBV4	1775359	4376896	52.72%	1.970%
84	9.733	668	669	672	rBV3	1107746	2086907	25.14%	0.939%
85	9.779	672	673	675	rVB	1577979	1390169	16.74%	0.626%
86	9.848	678	679	682	rBV3	1006792	2057731	24.78%	0.926%
87	9.985	689	691	693	rVB	1512679	2078355	25.03%	0.936%
88	10.030	693	695	697	rBV3	976627	1892284	22.79%	0.852%
89	10.076	697	699	702	rVB3	1340804	2557074	30.80%	1.151%
90	10.133	702	704	708	rVB4	1911977	3441603	41.45%	1.549%
91	10.202	708	710	711	rBV	1616190	2234674	26.92%	1.006%
92	10.282	716	717	720	rBV2	991088	1861759	22.42%	0.838%
93	10.419	727	729	730	rBV2	1253739	2051231	24.71%	0.923%
94	10.533	737	739	741	rVB	2080147	3042282	36.64%	1.370%
95	10.579	741	743	746	rVB2	809695	931574	11.22%	0.419%
96	10.808	760	763	766	rBV2	2535736	5063194	60.98%	2.279%
97	11.276	801	804	806	rVB	1982565	3622279	43.63%	1.631%
98	16.488	1258	1260	1266	rVB	931399	2115794	25.48%	0.952%

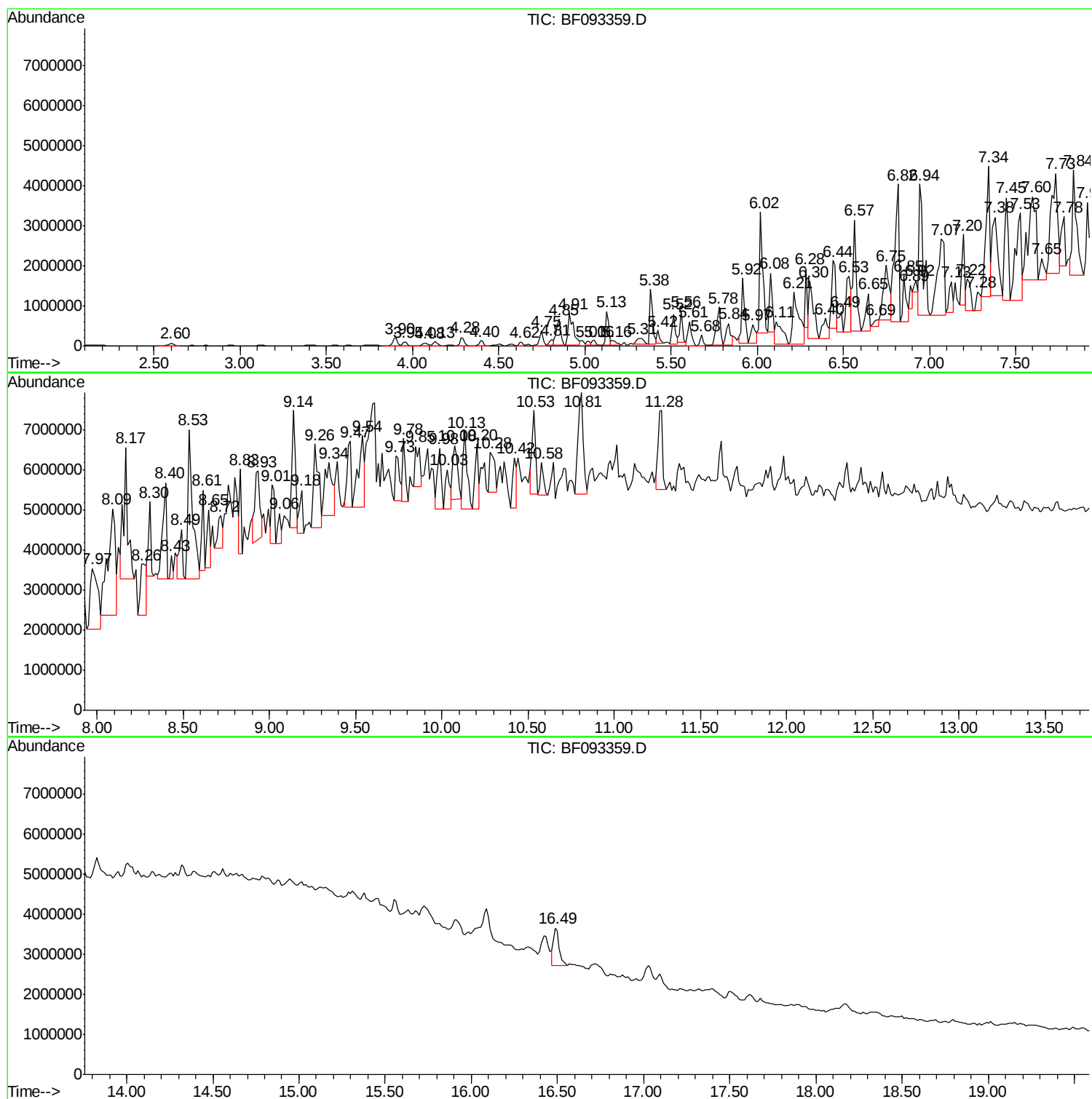
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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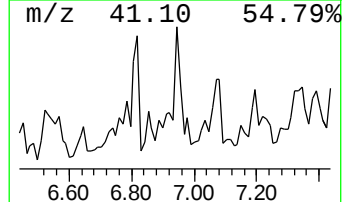
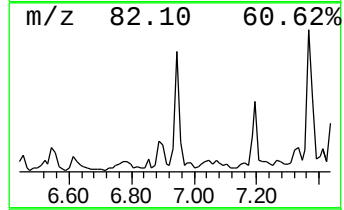
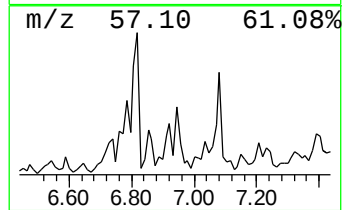
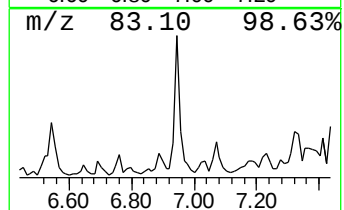
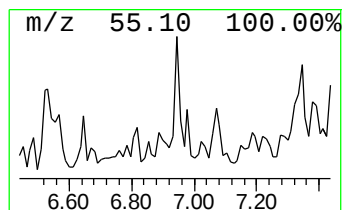
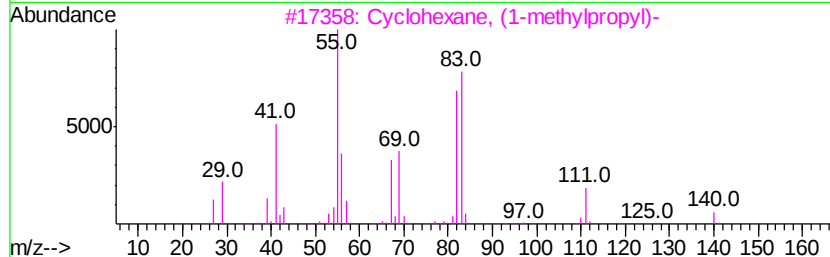
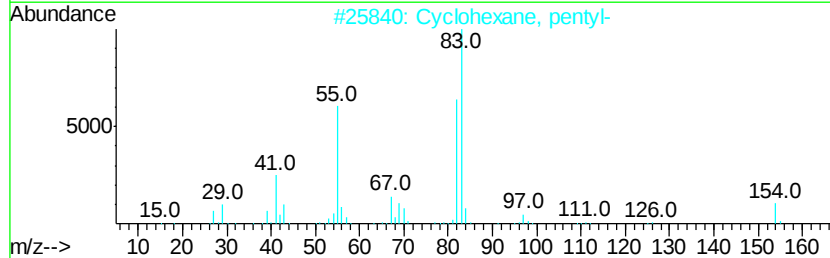
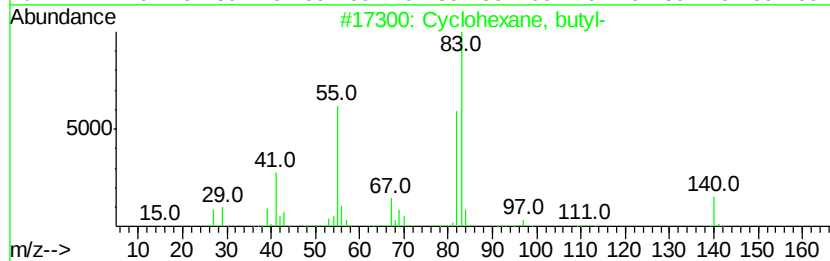
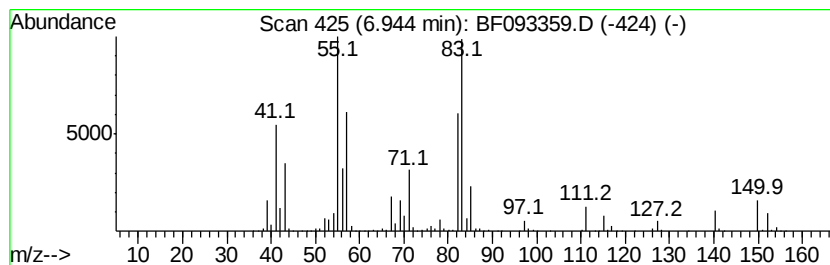
Instrument :
BNA_F
ClientSampled :
24B-25

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 2 Cyclohexane, butyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.94	18.13 ng	5601200	1,4-Dichlorobenzene-d4	6.80	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2	Cyclohexane, pentyl-	154	C11H22	004292-92-6	60
3	Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	53
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	50
5	Cyclohexane, undecyl-	238	C17H34	054105-66-7	47



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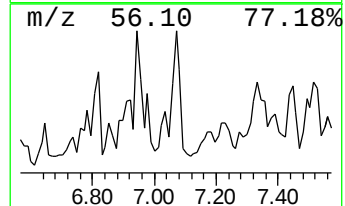
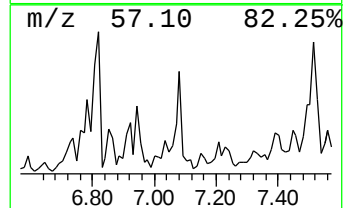
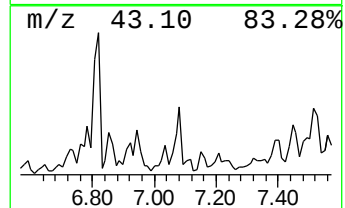
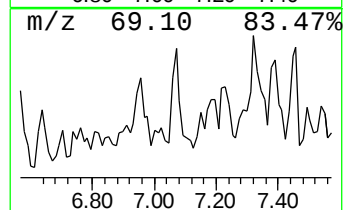
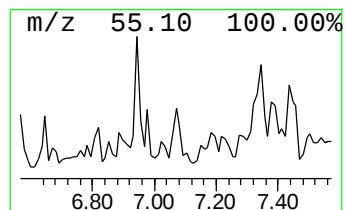
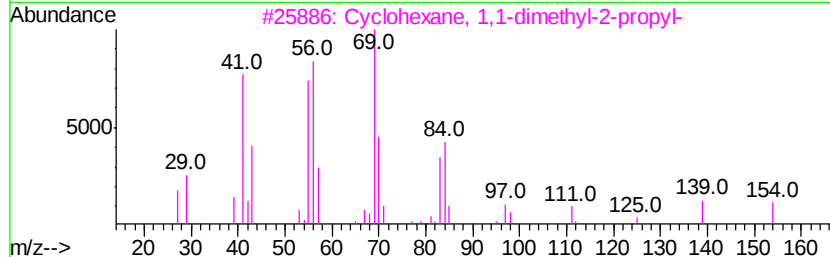
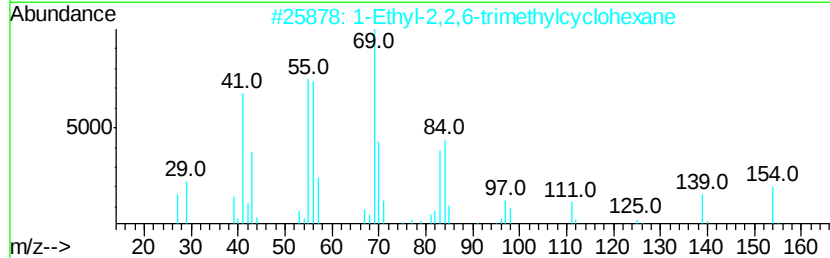
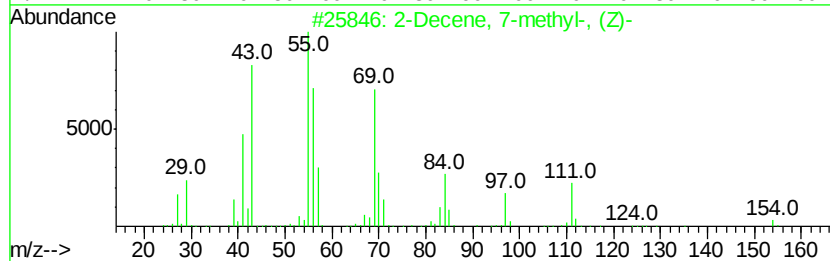
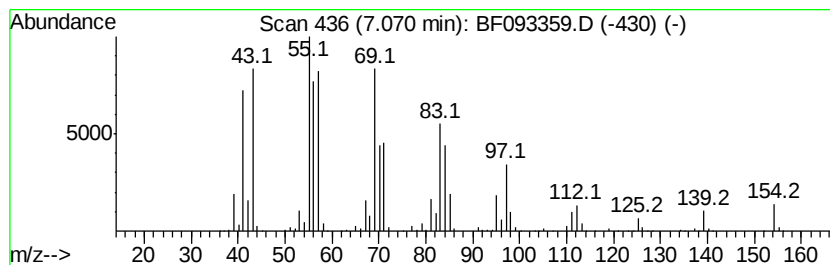
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Decene, 7-methyl-, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	16.12 ng	4979270	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Decene, 7-methyl-, (Z)-	154	C11H22	074630-23-2	81
2		1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	76
3		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	76
4		4-Decene, 5-methyl-, (E)-	154	C11H22	062338-51-6	70
5		Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	64



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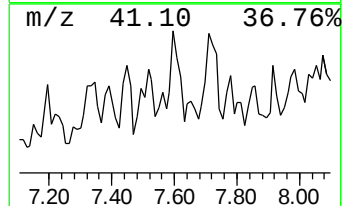
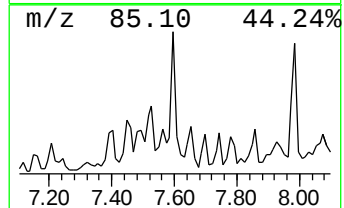
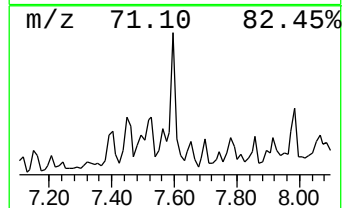
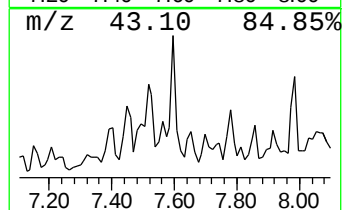
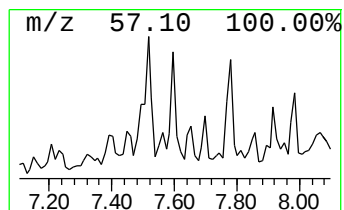
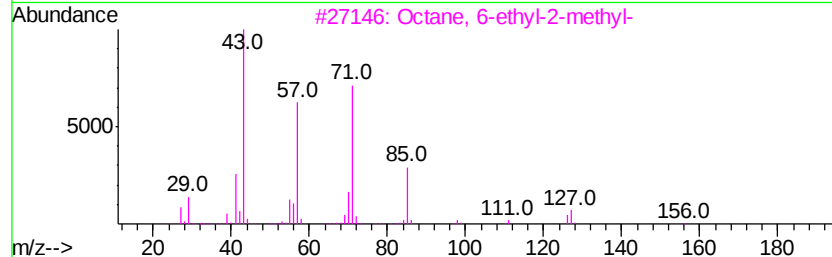
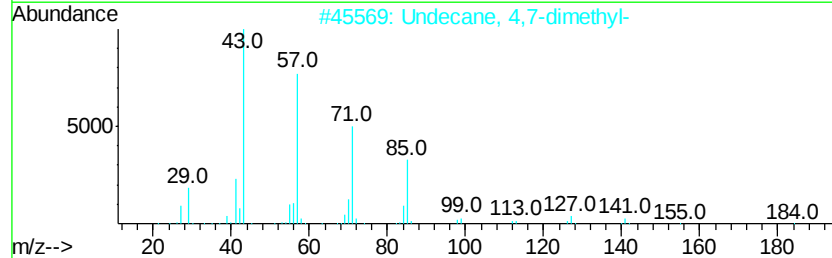
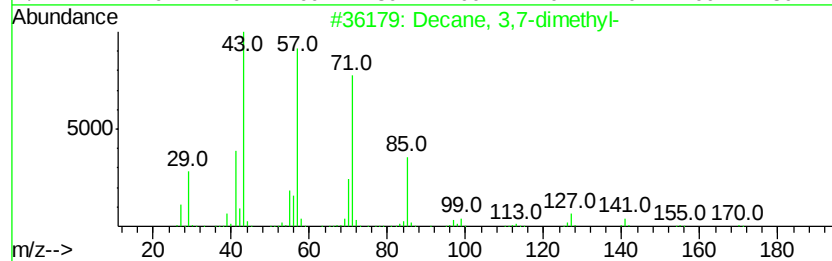
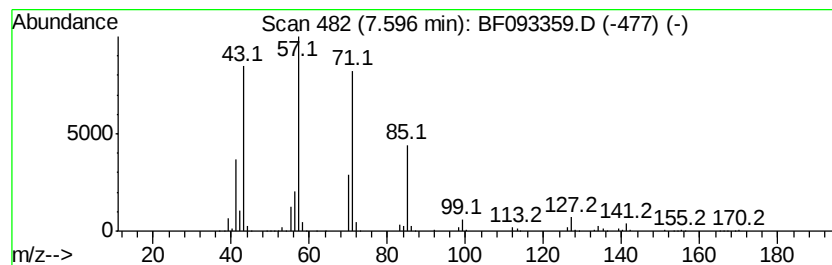
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 4 Decane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	15.77 ng	6545270	Naphthalene-d8	8.10

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	97	
2	Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	72	
3	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	72	
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	72	
5	10-Methylnonadecane	282	C20H42	056862-62-5	64	



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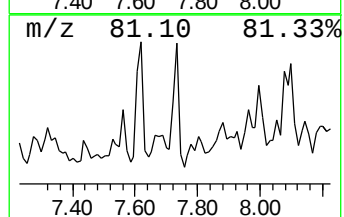
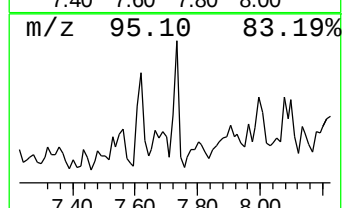
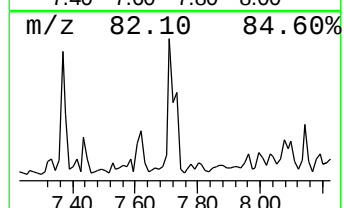
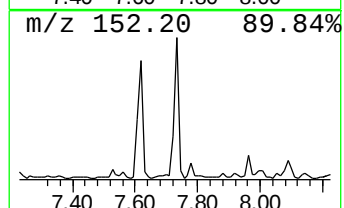
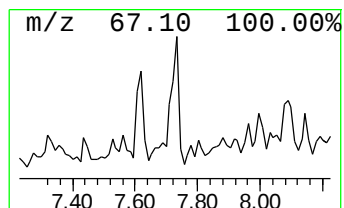
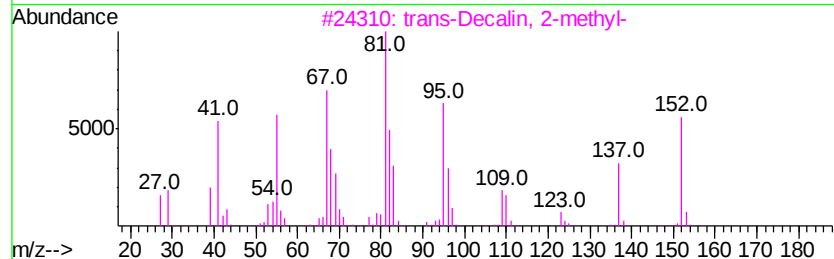
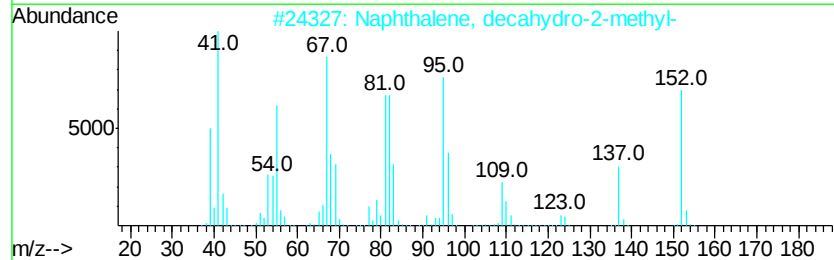
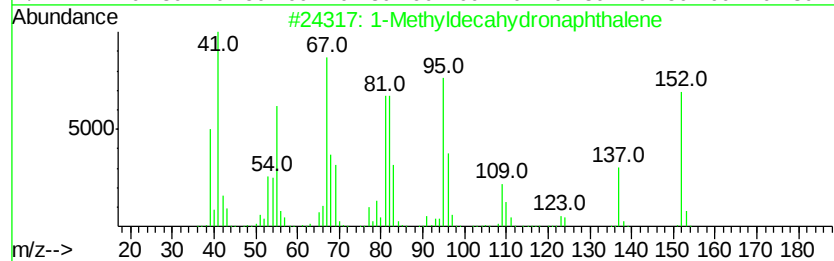
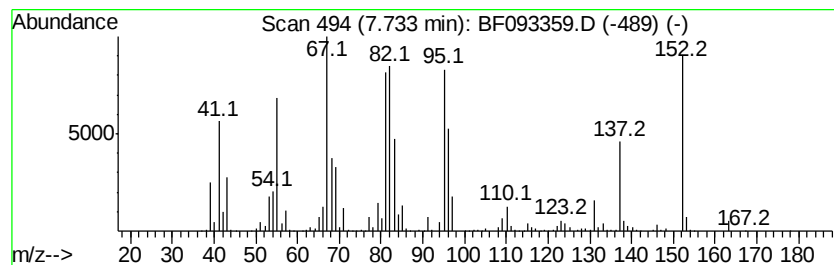
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1-Methyldecahydronaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	16.72 ng	6939730	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Methyldecahydronaphthalene	152	C11H20	002958-75-0	90
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	81
4		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	58
5		Decalin, syn-1-methyl-, cis-	152	C11H20	1000158-89-1	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
Operator : SJ/MA
Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24B-25

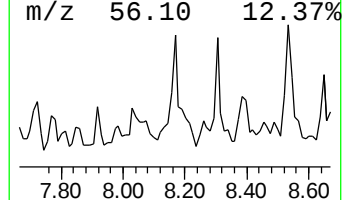
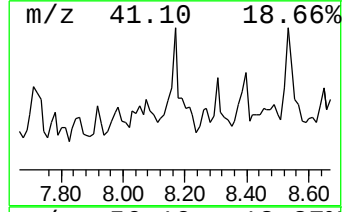
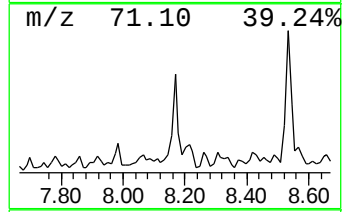
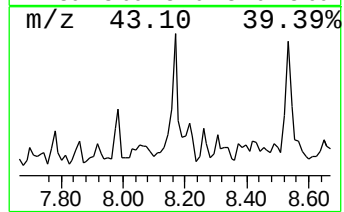
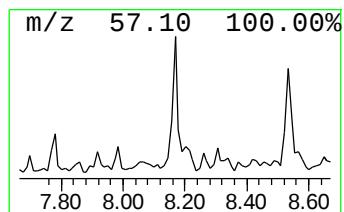
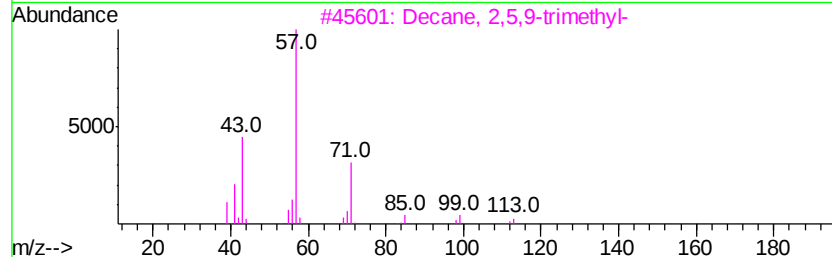
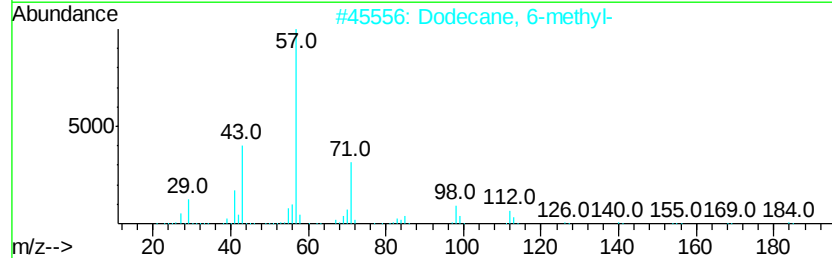
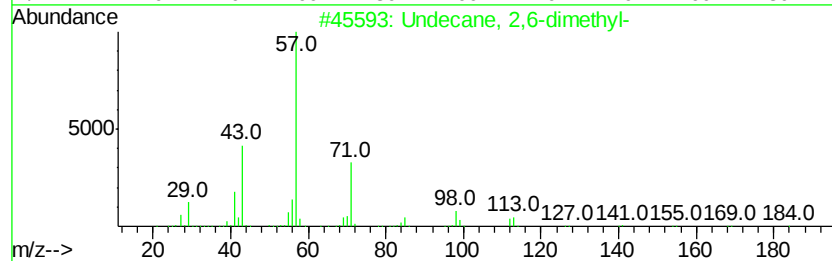
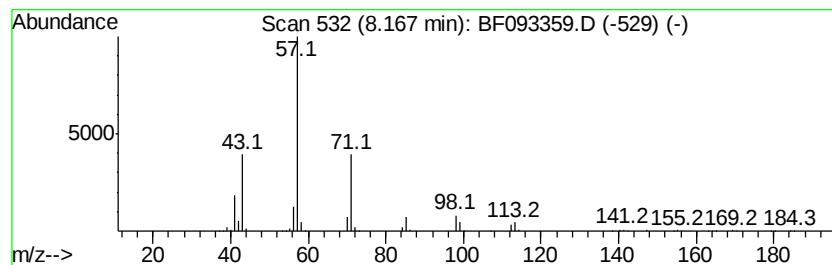
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	13.63 ng	5656660	Napthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	78
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	78
4		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	64
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
Operator : SJ/MA
Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24B-25

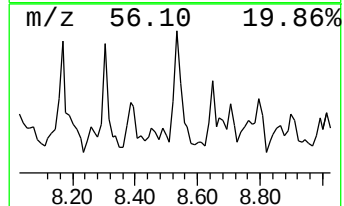
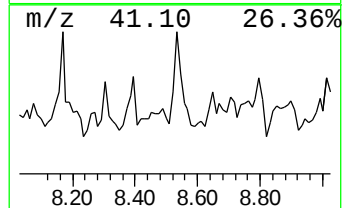
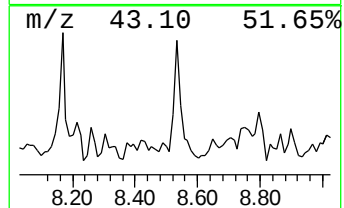
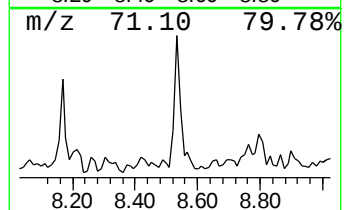
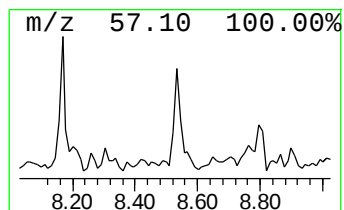
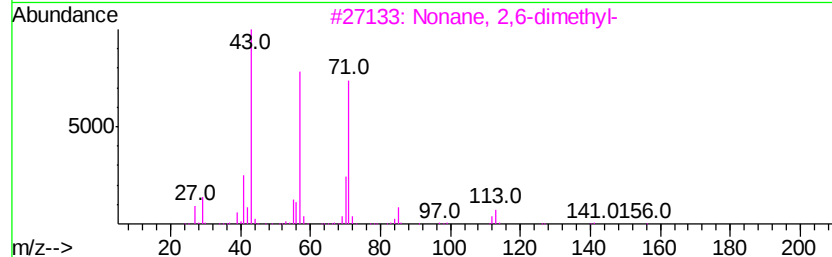
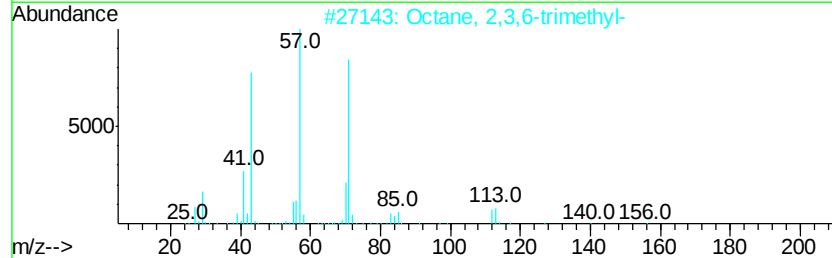
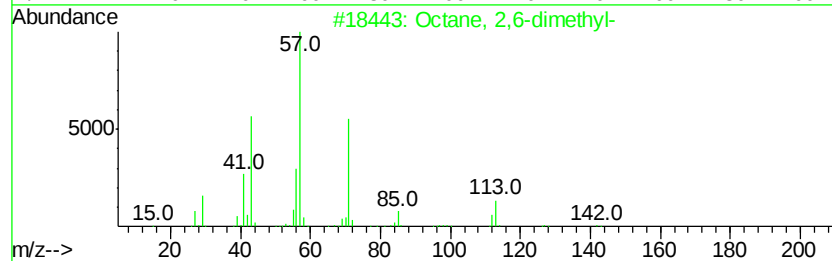
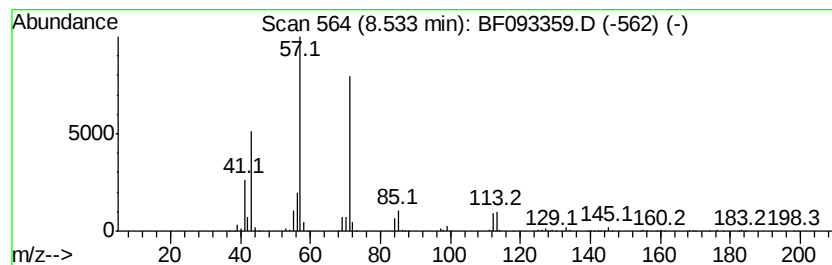
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	17.60 ng	7306920	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	78
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	78
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
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Operator : SJ/MA
Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

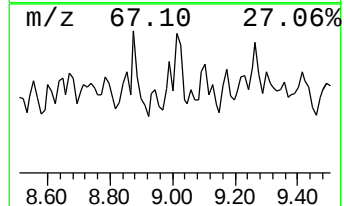
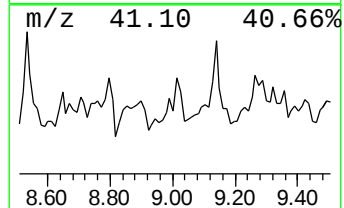
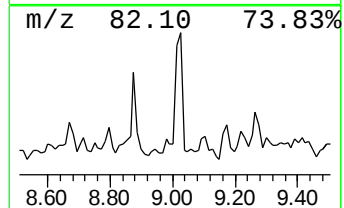
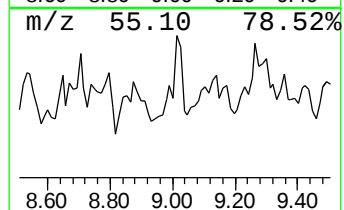
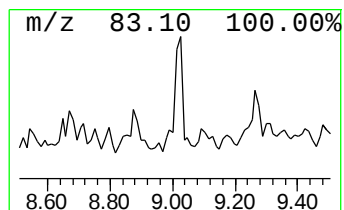
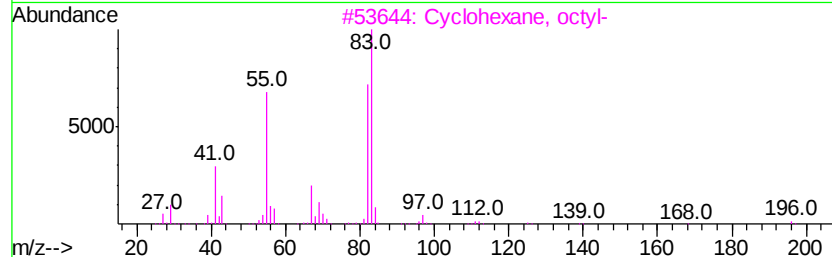
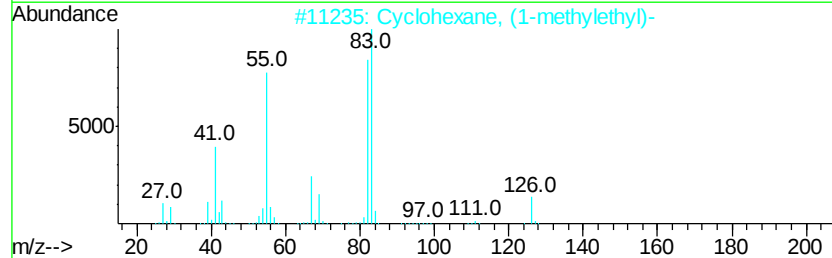
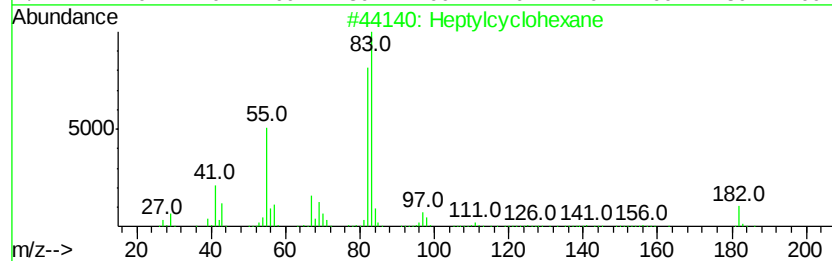
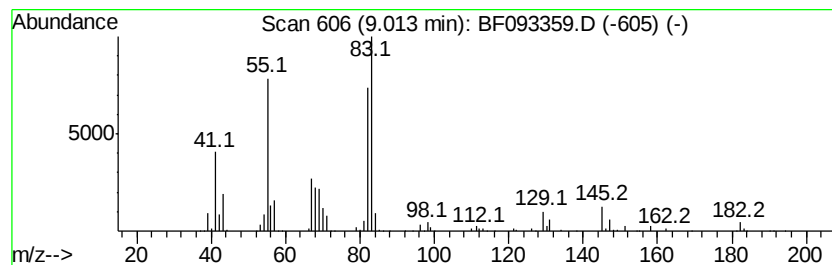
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Heptylcyclohexane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.01	18.53 ng	1906450	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	81
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	64
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64
5	Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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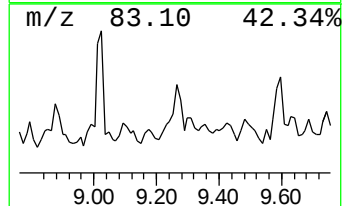
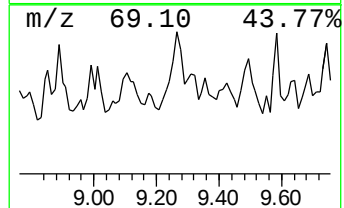
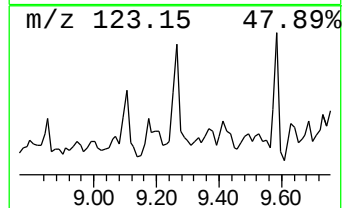
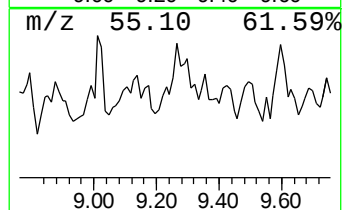
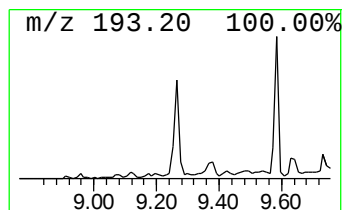
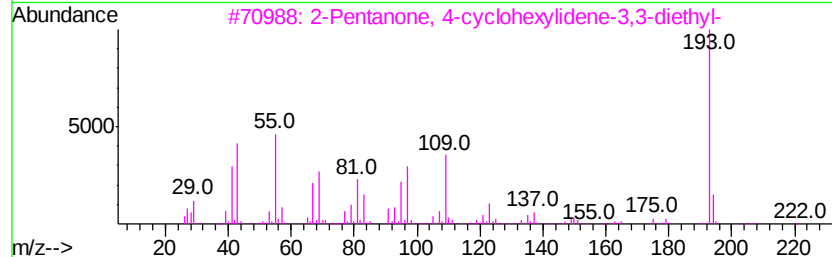
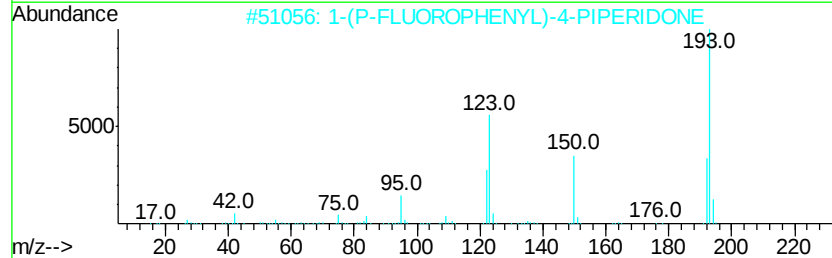
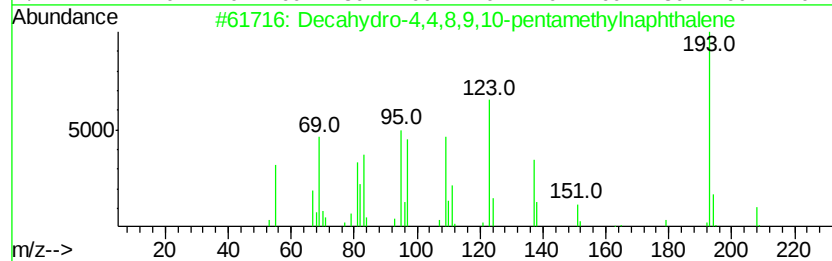
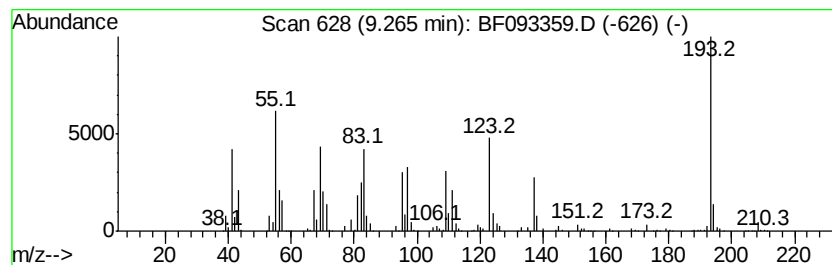
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decahydro-4,4,8,9,10-pentam... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.26	40.28 ng	4143820	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decahydro-4,4,8,9,10-pentamethyl...	208	C15H28	080655-44-3	53
2		1-(P-FLUOROPHENYL)-4-PIPERIDONE	193	C11H12FNO	1000238-56-7	46
3		2-Pentanone, 4-cyclohexylidene-3...	222	C15H26O	313253-65-5	38
4		2-Anthracenamine	193	C14H11N	000613-13-8	27
5		Pyrazole, 5-methyl-3-(5-nitro-2-...	193	C8H7N3O3	016239-90-0	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampled :
24B-25

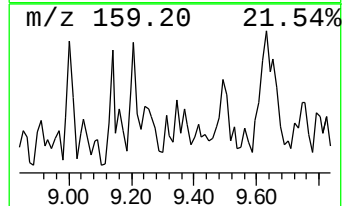
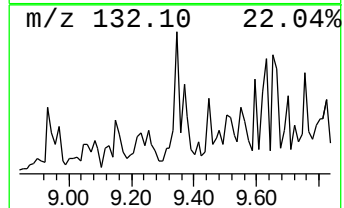
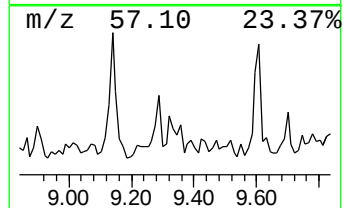
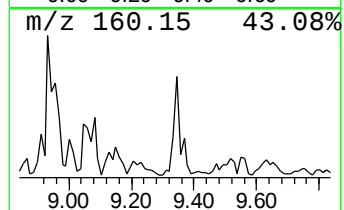
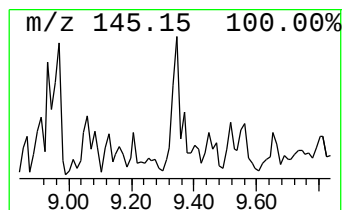
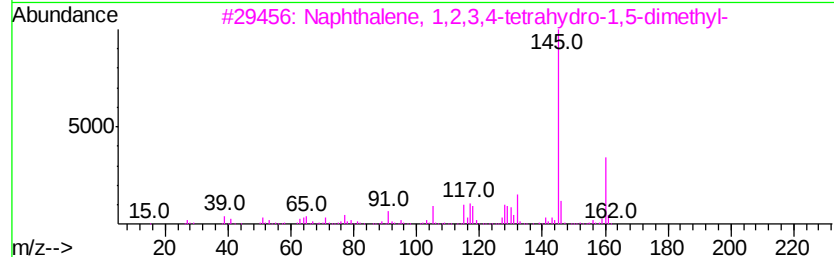
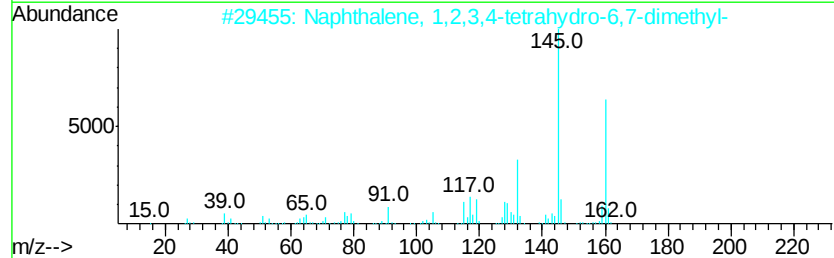
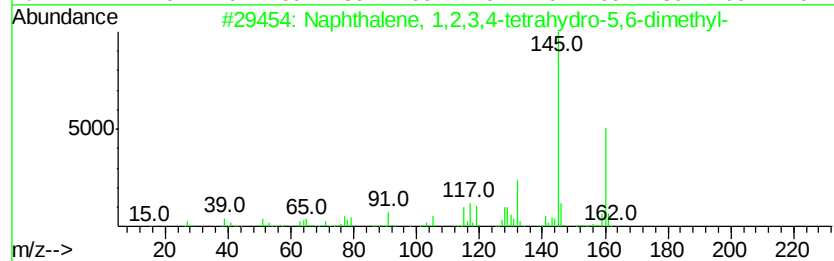
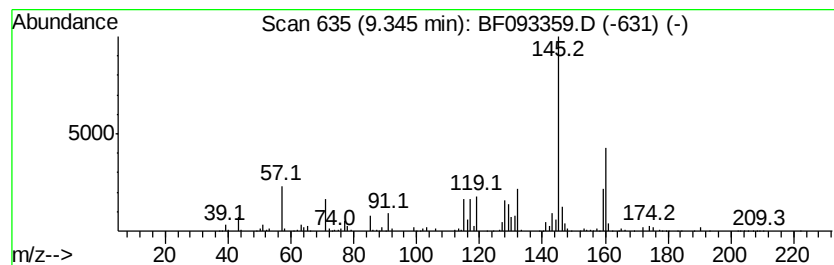
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	41.94 ng	4315550	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	87
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	76
4		Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	76
5		1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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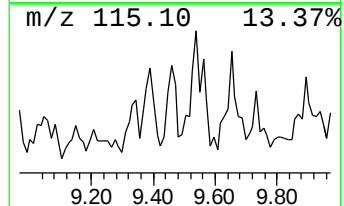
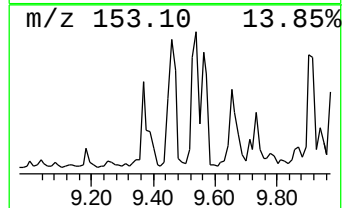
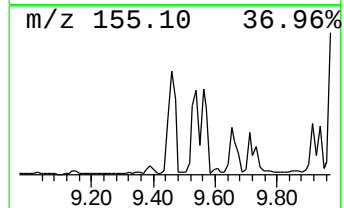
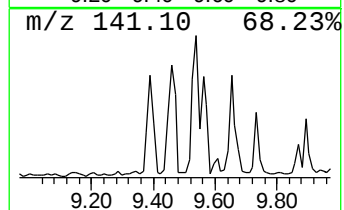
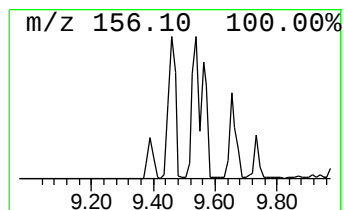
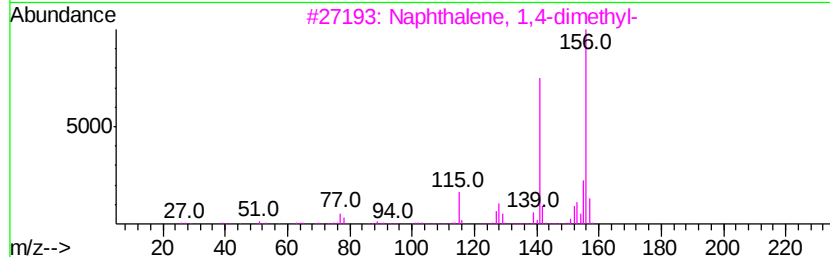
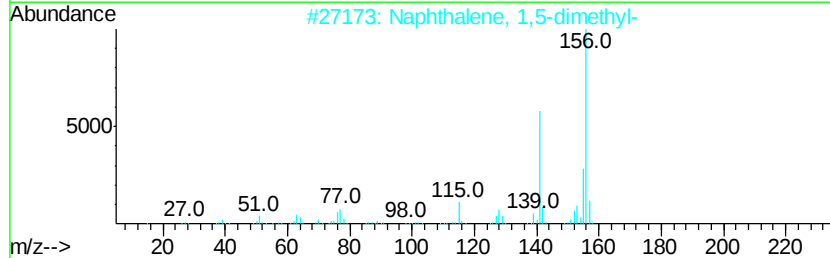
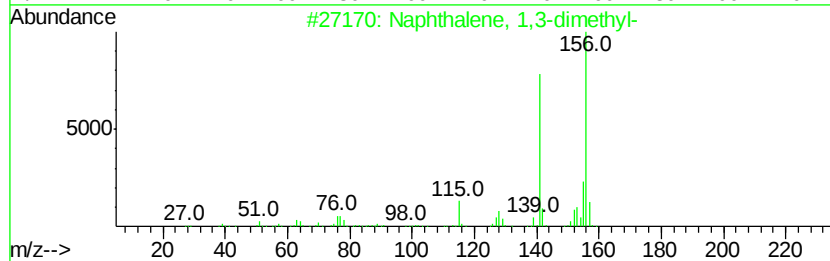
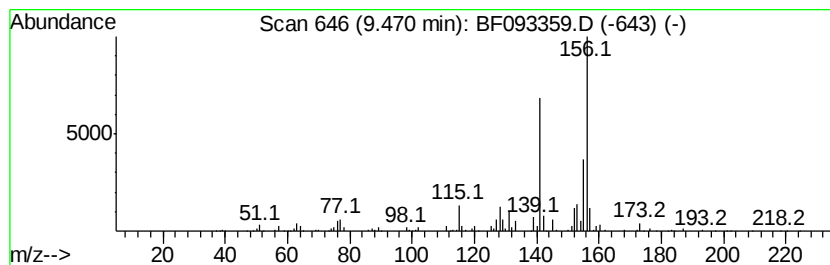
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	25.49 ng	2622830	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
Operator : SJ/MA
Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
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ClientSampleId :
24B-25

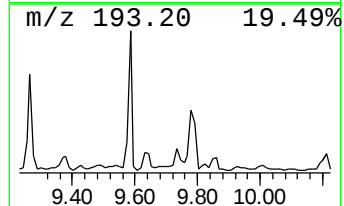
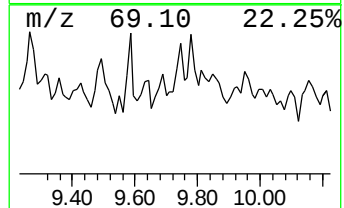
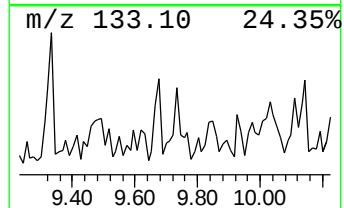
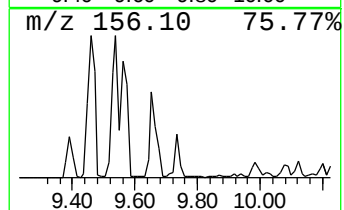
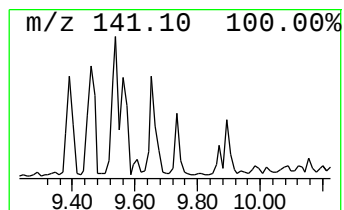
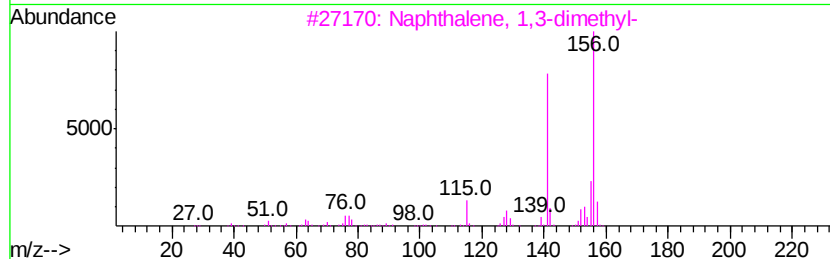
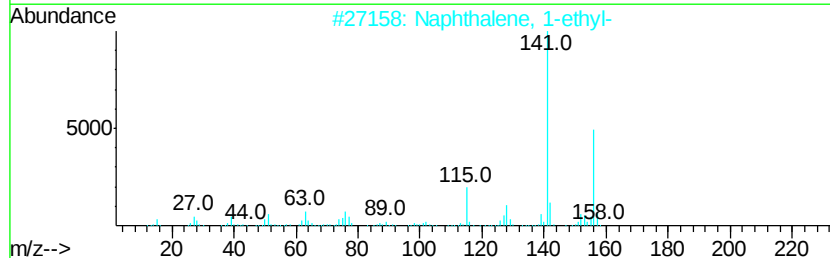
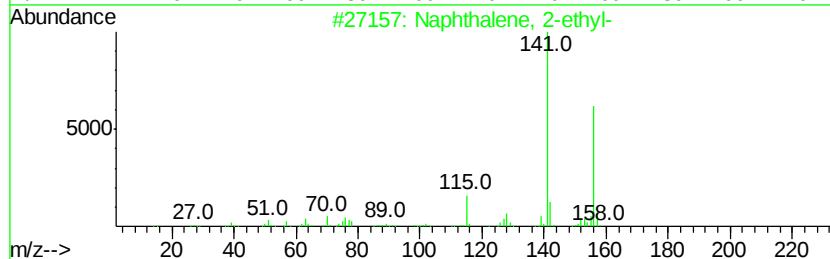
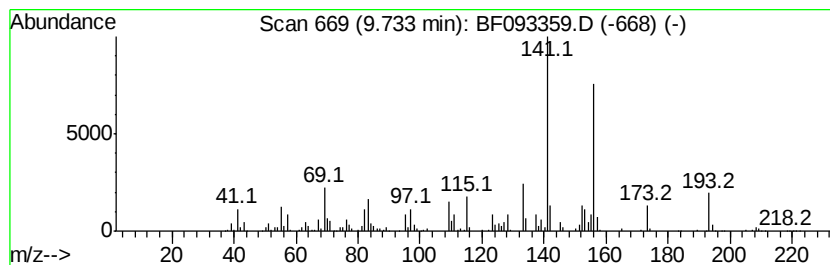
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 2-ethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	20.28 ng	2086910	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2		Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	86
3		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	70
4		Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	64
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
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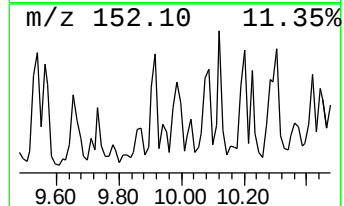
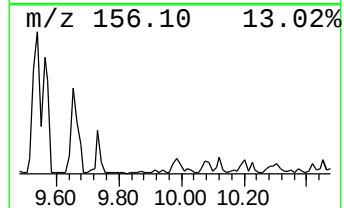
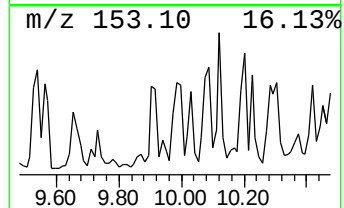
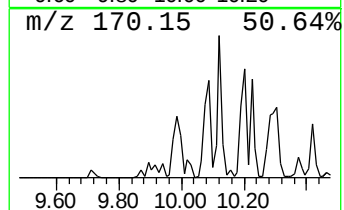
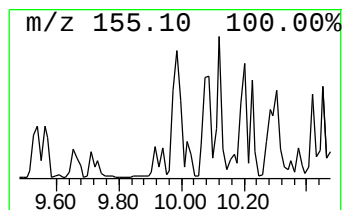
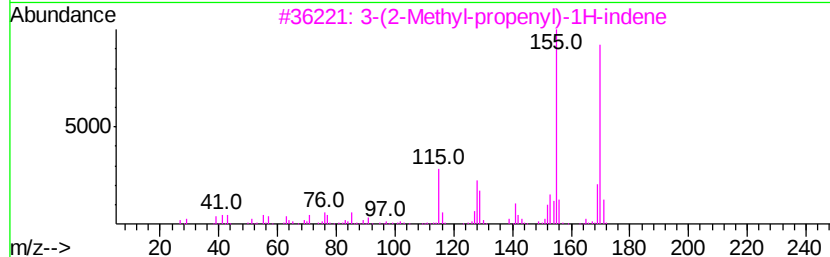
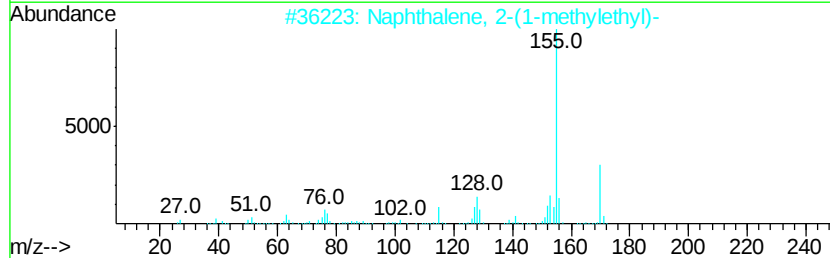
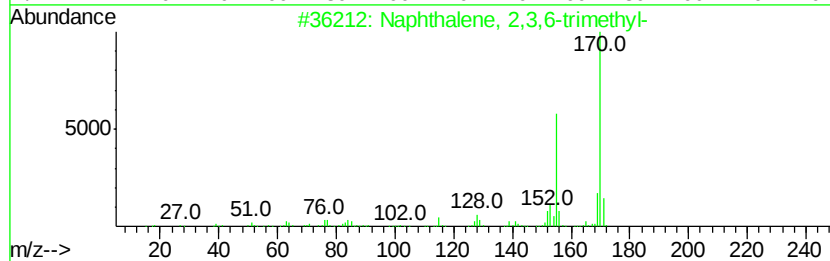
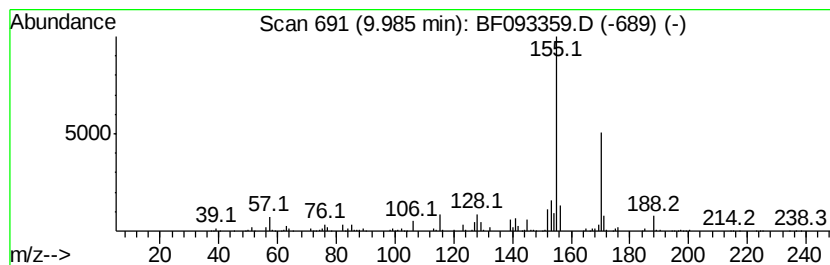
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 2,3,6-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.98	20.20 ng	2078360	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
3		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	70
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	64
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	62



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093359.D
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Sample : I2057-05 2X
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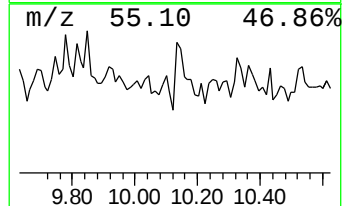
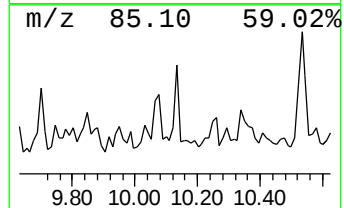
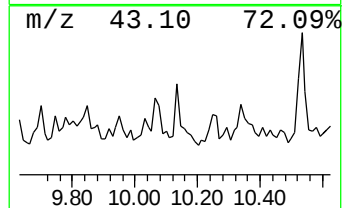
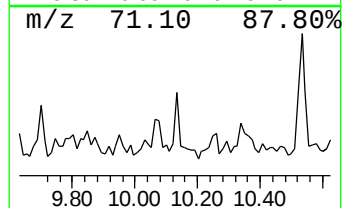
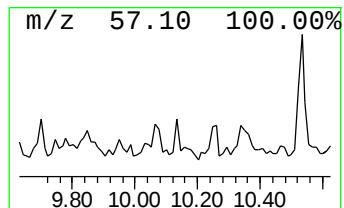
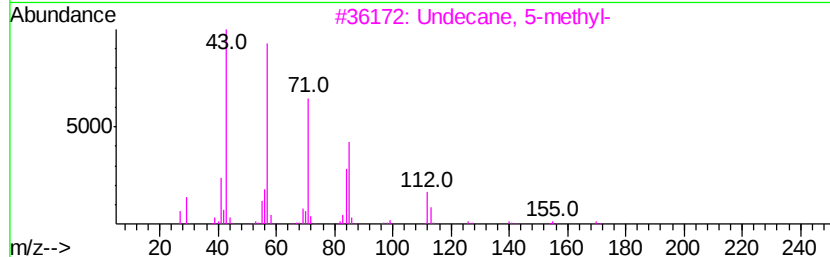
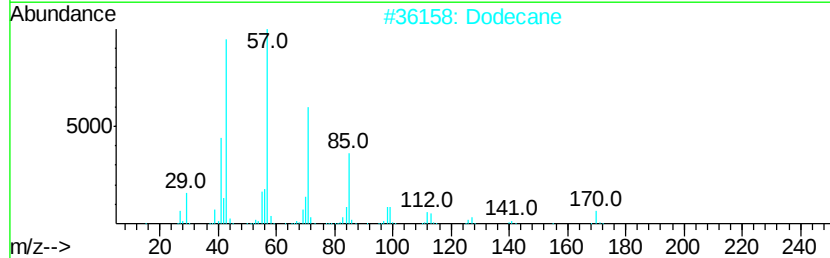
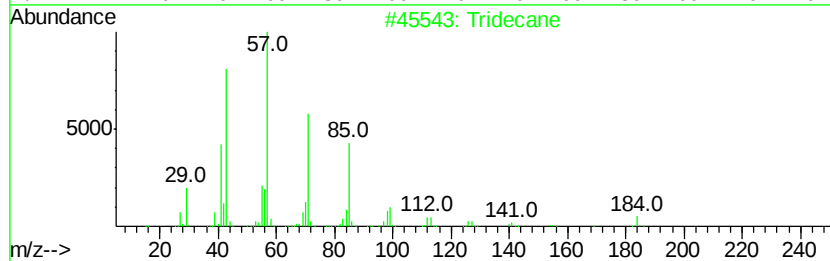
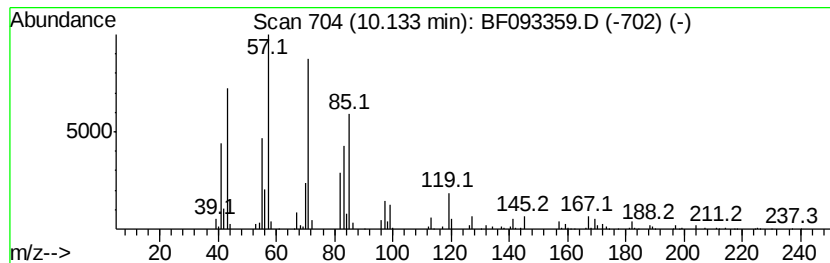
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Tridecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.13	33.45 ng	3441600	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	58
2	Dodecane	170	C12H26	000112-40-3	52
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	49
4	Decane, 2,3,5,8-tetramethyl-	198	C14H30	192823-15-7	47
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Misc :
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ClientSampleId :
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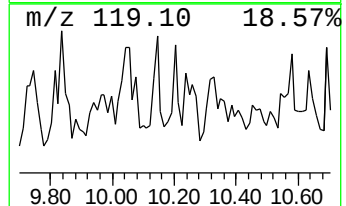
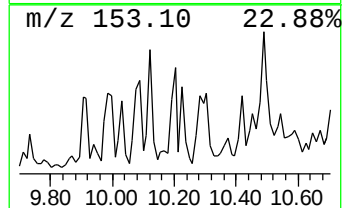
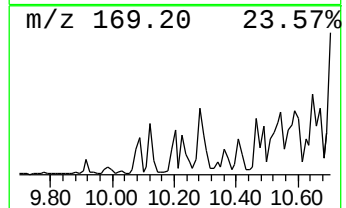
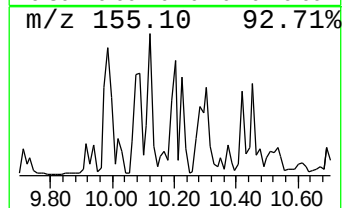
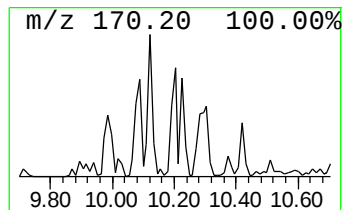
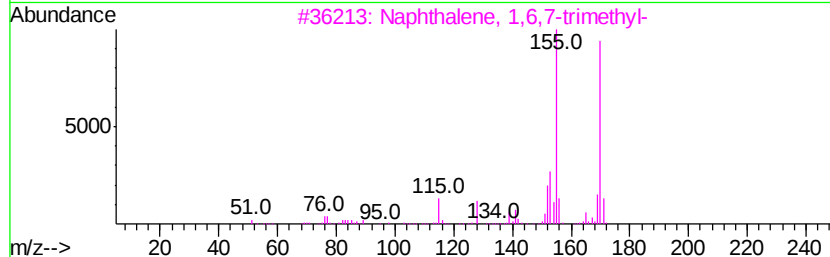
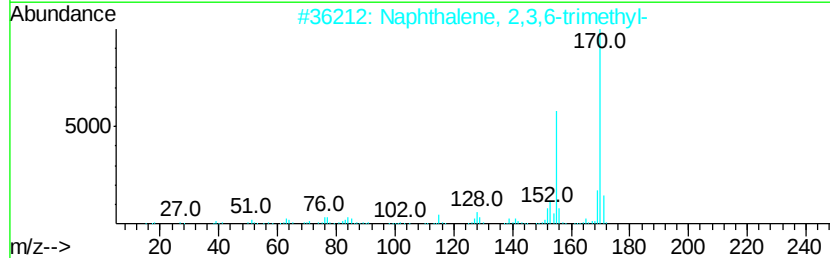
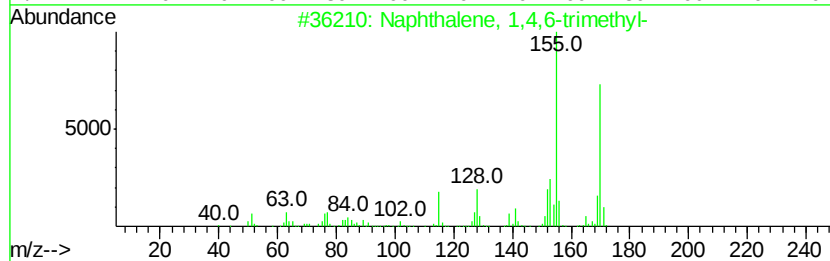
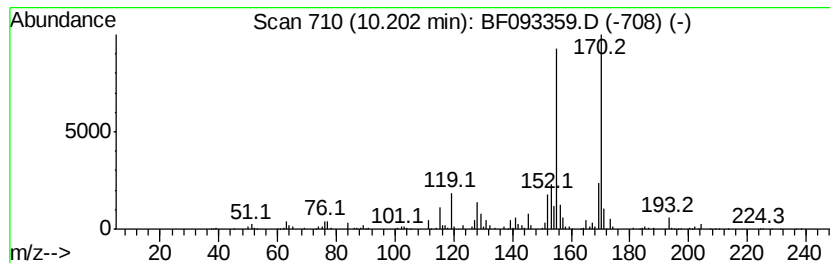
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,4,6-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	21.72 ng	2234670	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
2		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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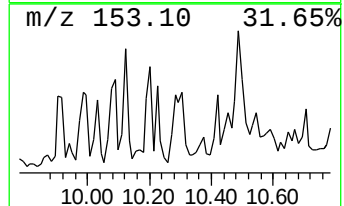
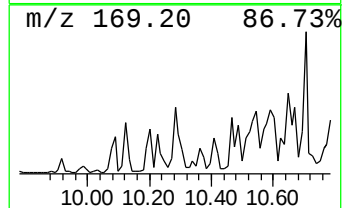
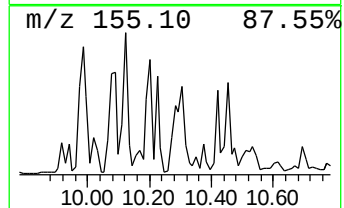
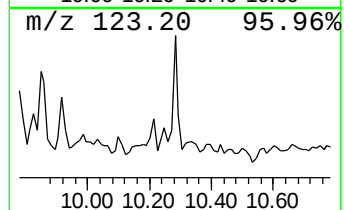
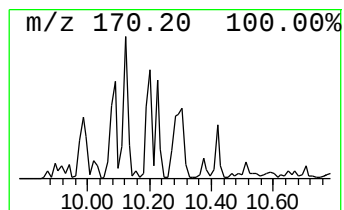
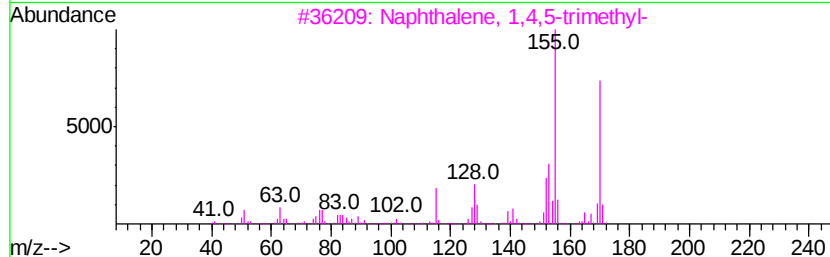
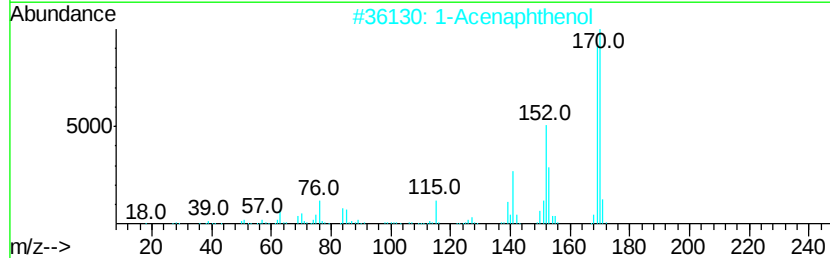
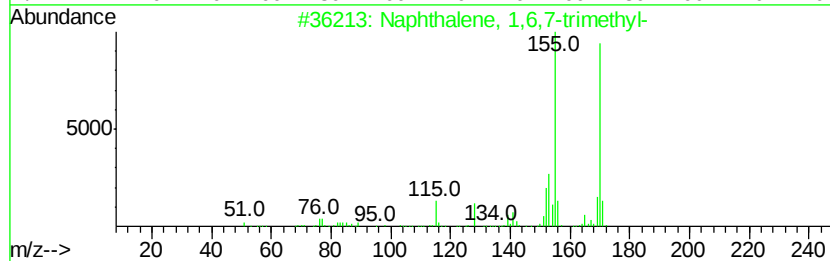
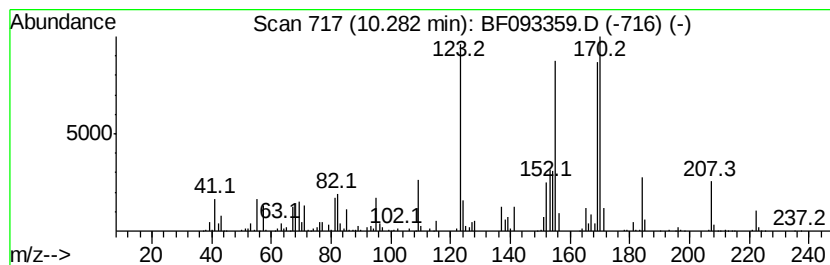
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Naphthalene, 1,6,7-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	18.10 ng	1861760	Acenaphthene-d10	9.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50
2			1-Acenaphthenol	170	C12H10O	006306-07-6	46
3			Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	38
4			3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	38
5			Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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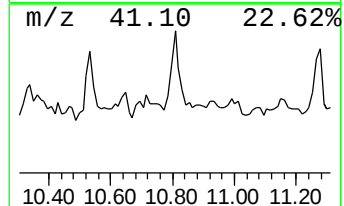
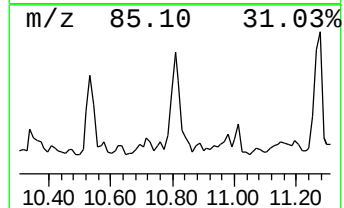
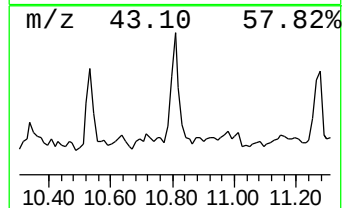
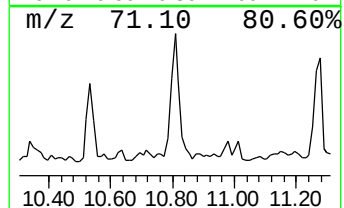
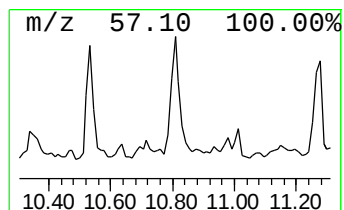
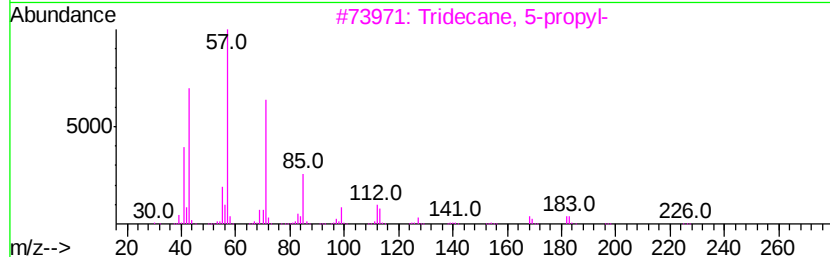
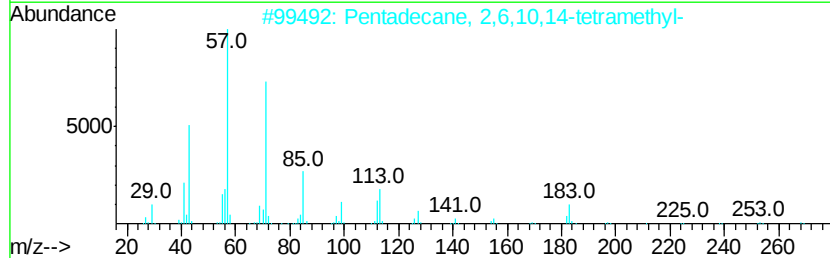
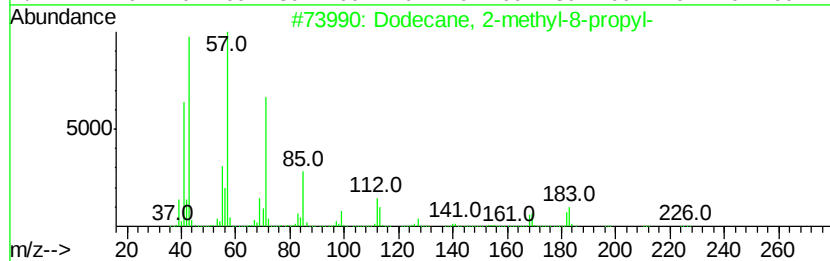
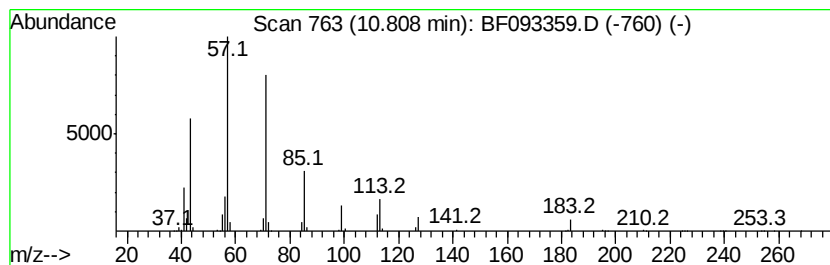
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-8-propyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	27.96 ng	5063190	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	86
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	83
3		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
4		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	72
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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ClientSampleId :
24B-25

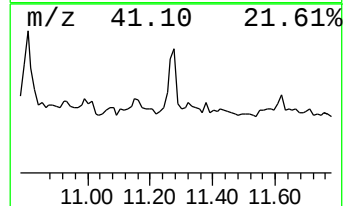
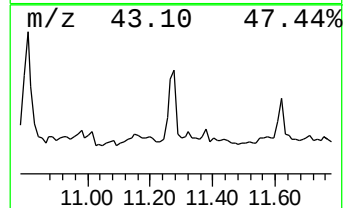
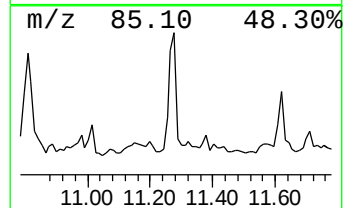
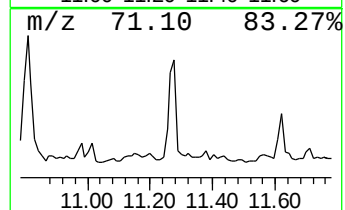
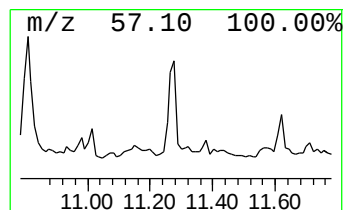
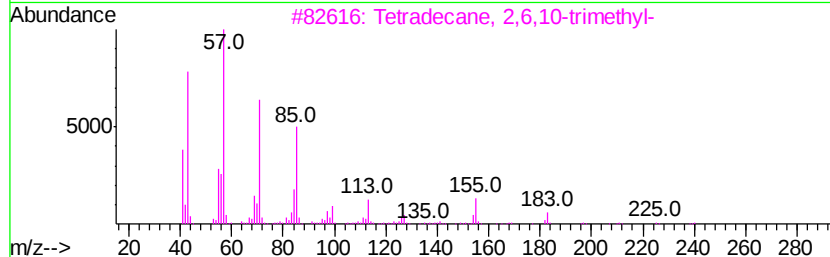
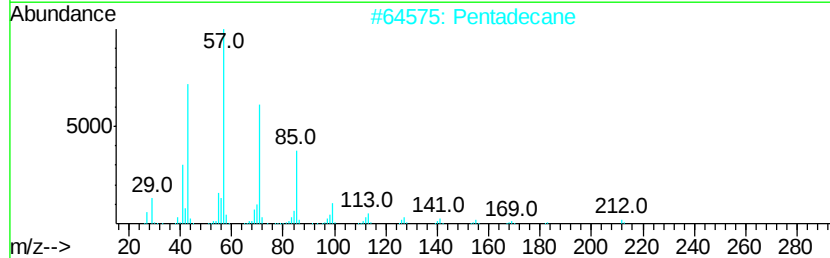
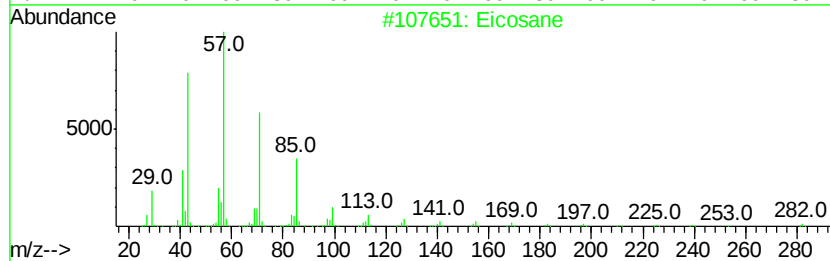
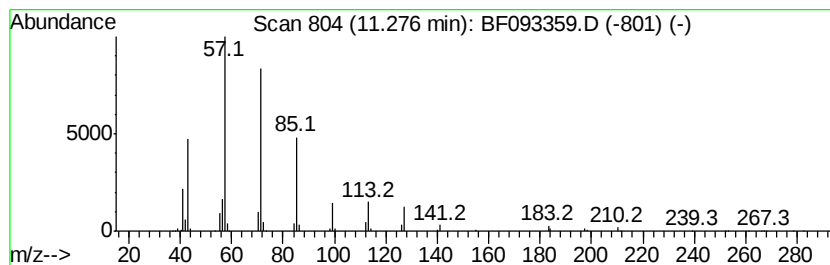
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	20.00 ng	3622280	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	78
2		Pentadecane	212	C15H32	000629-62-9	78
3		Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	78
4		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	78
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
Data File : BF093359.D
Acq On : 3 Mar 2017 13:23
Operator : SJ/MA
Sample : I2057-05 2X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
24B-25

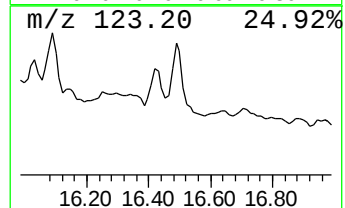
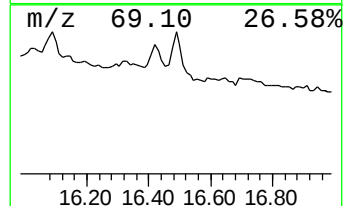
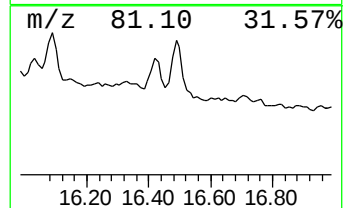
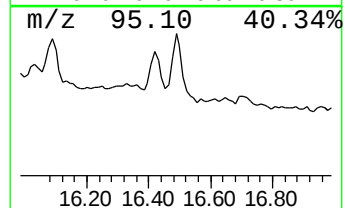
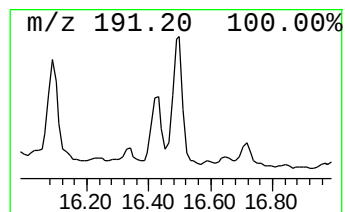
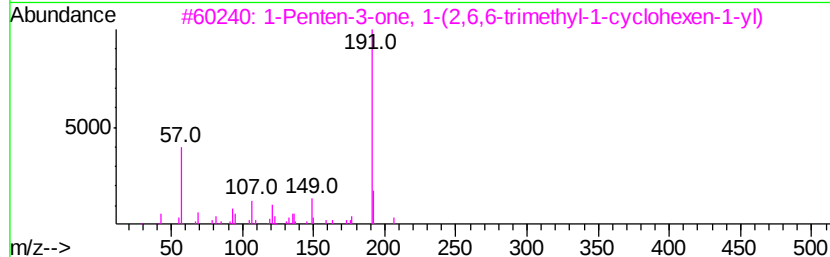
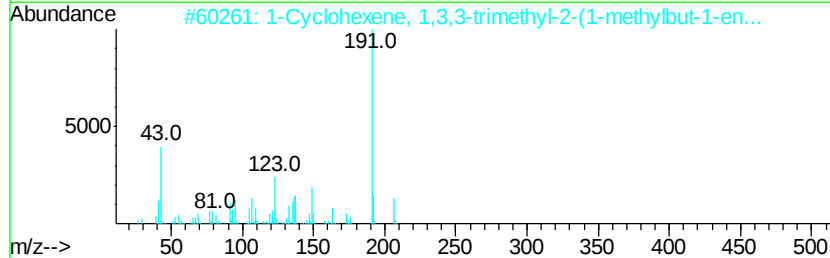
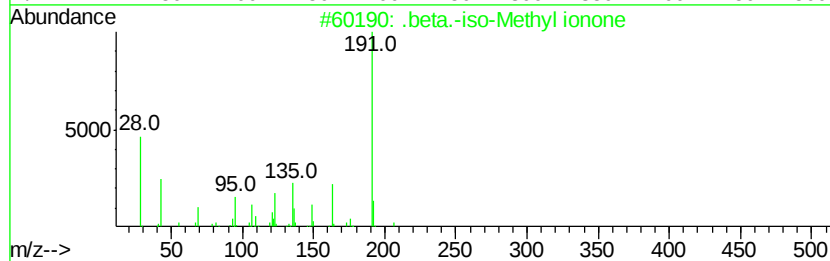
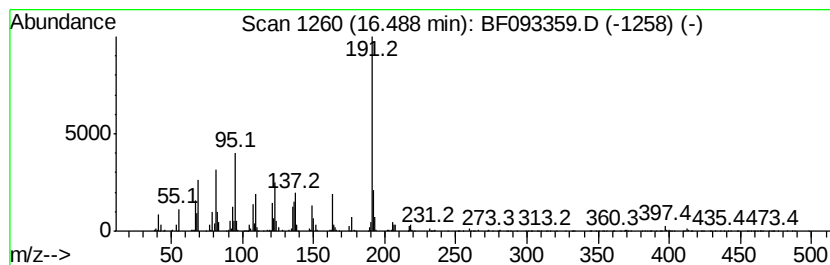
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 .beta.-iso-Methyl ionone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	20.00 ng	2115790	Perylene-d12	15.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	64
2		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	59
3		1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	49
4		28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	45
5		28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030217\
 Data File : BF093359.D
 Acq On : 3 Mar 2017 13:23
 Operator : SJ/MA
 Sample : I2057-05 2X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 24B-25

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
Cyclohexane, butyl-	6.94	18.1 ng		5601200	1	6.80	6179060	20.0
2-Decene, 7-methy...	7.07	16.1 ng		4979270	1	6.80	6179060	20.0
Decane, 3,7-dimet...	7.60	15.8 ng		6545270	2	8.10	8302490	20.0
1-Methyldecahydro...	7.73	16.7 ng		6939730	2	8.10	8302490	20.0
Undecane, 2,6-dim...	8.17	13.6 ng		5656660	2	8.10	8302490	20.0
Octane, 2,6-dimet...	8.53	17.6 ng		7306920	2	8.10	8302490	20.0
Heptylcyclohexane	9.01	18.5 ng		1906450	3	9.87	2057730	20.0
Decahydro-4,4,8,9...	9.26	40.3 ng		4143820	3	9.87	2057730	20.0
Naphthalene, 1,2,...	9.34	41.9 ng		4315550	3	9.87	2057730	20.0
Naphthalene, 1,3-...	9.47	25.5 ng		2622830	3	9.87	2057730	20.0
Naphthalene, 2-et...	9.73	20.3 ng		2086910	3	9.87	2057730	20.0
Naphthalene, 2,3,...	9.98	20.2 ng		2078360	3	9.87	2057730	20.0
Tridecane	10.13	33.5 ng		3441600	3	9.87	2057730	20.0
Naphthalene, 1,4,...	10.20	21.7 ng		2234670	3	9.87	2057730	20.0
Naphthalene, 1,6,...	10.28	18.1 ng		1861760	3	9.87	2057730	20.0
Dodecane, 2-methy...	10.81	28.0 ng		5063190	4	11.37	3622280	20.0
Eicosane	11.28	20.0 ng		3622280	4	11.37	3622280	20.0
.beta.-iso-Methyl...	16.49	20.0 ng		2115790	6	15.46	2115790	20.0