

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091910.D
 Acq On : 23 Dec 2016 7:22
 Operator : UM/SJ
 Sample : H6182-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(0-1)-121916

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.927	154	161	163	rBV	229483	466717	1.52%	0.130%
2	4.293	190	193	199	rVB2	287429	532681	1.73%	0.148%
3	4.750	228	233	235	rBV	872037	1191222	3.87%	0.331%
4	4.841	237	241	244	rVV3	1457638	2468304	8.02%	0.686%
5	4.910	244	247	252	rVV2	2029090	5100672	16.57%	1.418%
6	5.047	255	259	263	rVB2	301188	522541	1.70%	0.145%
7	5.116	263	265	267	rBV	1134459	1452739	4.72%	0.404%
8	5.150	267	268	274	rVB4	384802	740279	2.41%	0.206%
9	5.402	287	290	294	rVB	4348716	6829628	22.19%	1.899%
10	5.493	296	298	300	rBV	1839618	2444678	7.94%	0.680%
11	5.539	300	302	304	rVB	2133999	2188501	7.11%	0.608%
12	5.584	304	306	310	rVB2	1719600	2700236	8.77%	0.751%
13	5.653	310	312	314	rBV	764801	902764	2.93%	0.251%
14	5.756	317	321	323	rBV2	2980073	4769827	15.50%	1.326%
15	5.802	323	325	327	rBV	1187265	1898427	6.17%	0.528%
16	5.847	327	329	330	rBV2	379877	420975	1.37%	0.117%
17	5.893	330	333	336	rVB2	3547021	5083863	16.52%	1.413%
18	5.950	336	338	340	rBV2	1746261	3330805	10.82%	0.926%
19	5.996	340	342	346	rBV2	4398275	7800105	25.34%	2.169%
20	6.053	346	347	348	rBV	845355	721442	2.34%	0.201%
21	6.087	348	350	356	rVB3	1945312	6545545	21.27%	1.820%
22	6.190	356	359	365	rBV4	1866323	6182330	20.09%	1.719%
23	6.282	365	367	372	rBV2	4804909	10609047	34.47%	2.950%
24	6.373	372	375	376	rBV	1202928	2661892	8.65%	0.740%
25	6.453	376	382	384	rVB3	3781604	10665626	34.65%	2.965%
26	6.510	384	387	388	rBV	3375150	7436066	24.16%	2.067%
27	6.545	388	390	393	rVB	5591259	8258956	26.83%	2.296%
28	6.613	393	396	398	rBV3	1991344	3312400	10.76%	0.921%
29	6.727	401	406	407	rBV3	2555277	7125282	23.15%	1.981%
30	6.922	419	423	428	rVB5	6913108	18730345	60.85%	5.207%
31	7.036	428	433	437	rVB3	3178672	10496596	34.10%	2.918%
32	7.162	441	444	450	rVB2	3693477	9992327	32.46%	2.778%
33	7.322	452	458	464	rBV7	7528411	30779208	100.00%	8.557%
34	7.425	464	467	470	rVB3	3576251	7546395	24.52%	2.098%

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35	7.585	475	481	484	rVV4	3936541	13688534	44.47%	3.806%
36	7.710	487	492	497	rVB5	4965128	16984176	55.18%	4.722%
37	7.813	497	501	505	rBV2	3773453	10125953	32.90%	2.815%
38	7.893	506	508	510	rBV3	1585658	3324417	10.80%	0.924%
39	8.522	560	563	567	rVB2	4316350	9771614	31.75%	2.717%
40	9.116	612	615	616	rBV2	4535125	6518220	21.18%	1.812%
41	9.253	623	627	628	rBV2	2287576	5446796	17.70%	1.514%
42	9.562	651	654	655	rVB2	5390320	8400542	27.29%	2.336%
43	9.733	667	669	671	rVB2	2258382	2471040	8.03%	0.687%
44	9.813	673	676	679	rBV4	3018488	6757318	21.95%	1.879%
45	9.928	684	686	688	rVB	2682184	3508920	11.40%	0.976%
46	9.962	688	689	692	rBV3	1576754	3148940	10.23%	0.875%
47	10.008	692	693	696	rVB3	2568511	3683201	11.97%	1.024%
48	10.065	696	698	701	rVB4	3170619	6094865	19.80%	1.694%
49	10.133	702	704	710	rVB5	2784687	7217156	23.45%	2.007%
50	10.213	710	711	714	rVB3	1921066	3106378	10.09%	0.864%
51	10.271	714	716	721	rVB6	1511226	4335479	14.09%	1.205%
52	10.351	721	723	729	rVB6	2114699	6744558	21.91%	1.875%
53	10.453	729	732	735	rVB	4062158	5979872	19.43%	1.663%
54	10.499	735	736	739	rVB3	1060353	1458357	4.74%	0.405%
55	10.568	741	742	743	rVB	804659	551996	1.79%	0.153%
56	10.591	743	744	749	rVB4	2280754	2982020	9.69%	0.829%
57	10.716	753	755	758	rVB	5310252	6645434	21.59%	1.848%
58	10.922	771	773	776	rVB4	710374	1122988	3.65%	0.312%
59	11.174	793	795	799	rVB	1822198	2267883	7.37%	0.631%
60	11.231	799	800	802	rVB2	401152	314228	1.02%	0.087%
61	11.276	802	804	808	rBV2	1228579	1833110	5.96%	0.510%
62	11.391	812	814	815	rBV2	189682	322682	1.05%	0.090%
63	11.528	824	826	828	rVB2	542197	707912	2.30%	0.197%
64	11.562	828	829	831	rVB2	588796	616742	2.00%	0.171%
65	11.619	831	834	836	rBV3	268400	623797	2.03%	0.173%
66	11.665	836	838	840	rVB	1019741	961022	3.12%	0.267%
67	11.756	845	846	848	rBV2	556736	688193	2.24%	0.191%
68	11.814	848	851	853	rVV2	465262	836856	2.72%	0.233%
69	11.859	853	855	857	rVV2	1407648	1967841	6.39%	0.547%
70	11.894	857	858	861	rVV3	643315	706618	2.30%	0.196%
71	11.962	861	864	867	rVV2	882964	1583199	5.14%	0.440%

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72	12.008	867	868	870	rVV2	458827	881169	2.86%	0.245%
73	12.054	870	872	875	rVB	1510333	1793700	5.83%	0.499%
74	12.122	875	878	883	rVB3	518228	1058108	3.44%	0.294%
75	12.214	883	886	888	rBV2	625038	788818	2.56%	0.219%
76	12.294	891	893	896	rVV	1308549	1569413	5.10%	0.436%
77	12.385	899	901	904	rVB	278696	451359	1.47%	0.125%
78	12.522	910	913	915	rVB2	602636	661179	2.15%	0.184%
79	12.819	937	939	940	rBV	682904	654370	2.13%	0.182%
80	12.854	940	942	945	rVB	4357790	4265284	13.86%	1.186%
81	12.991	951	954	956	rVB	230191	308999	1.00%	0.086%
82	13.894	1031	1033	1036	rBV	890212	998578	3.24%	0.278%
83	15.300	1153	1156	1163	rVB	600888	847150	2.75%	0.236%

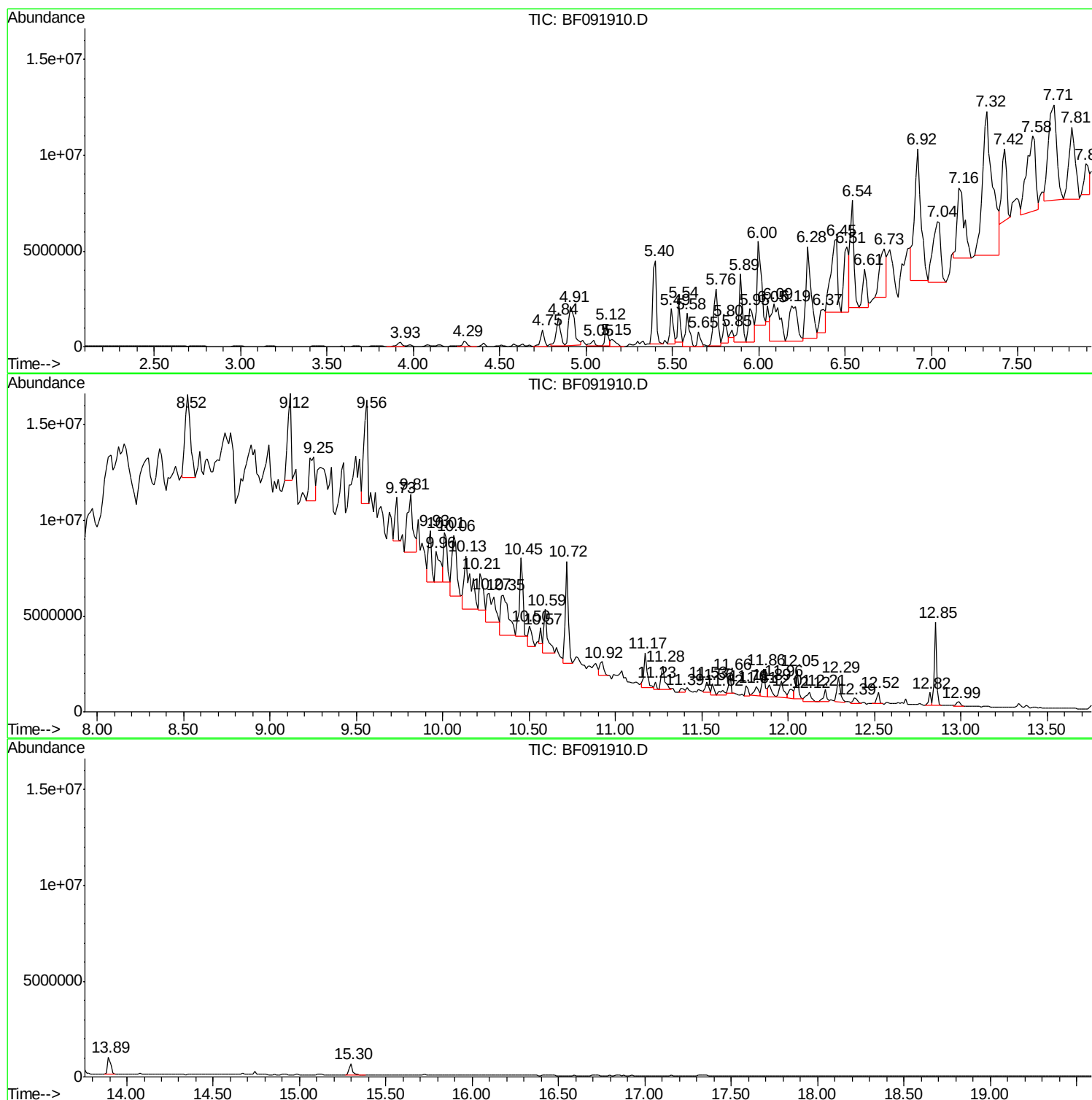
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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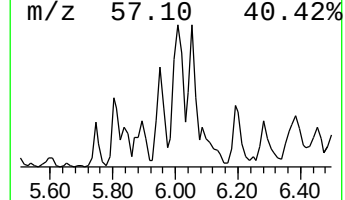
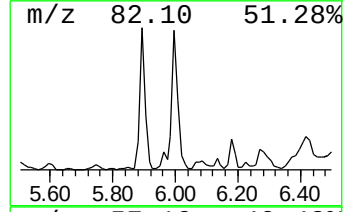
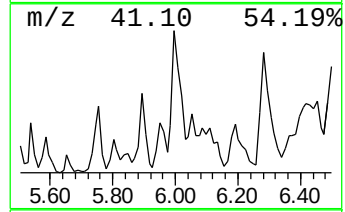
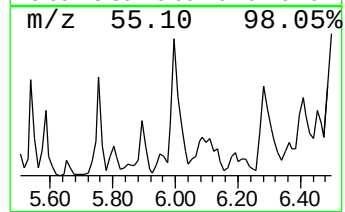
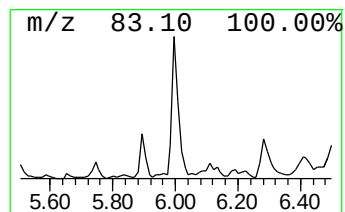
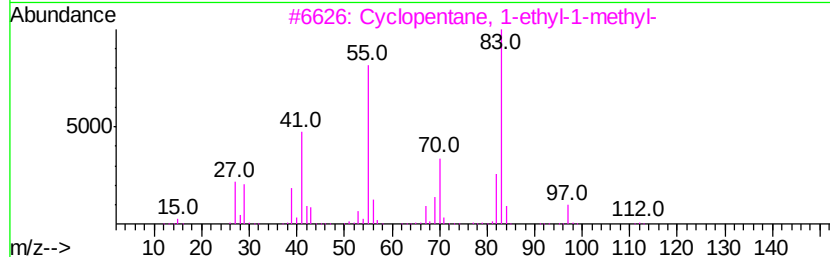
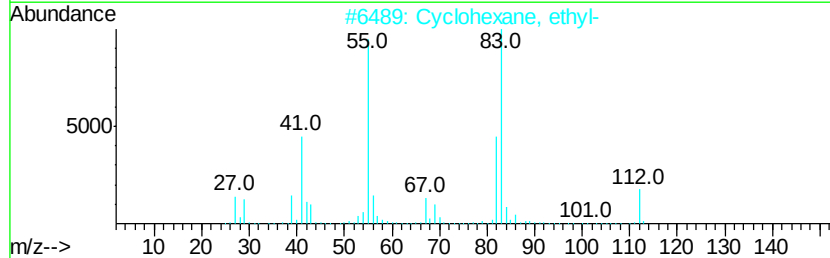
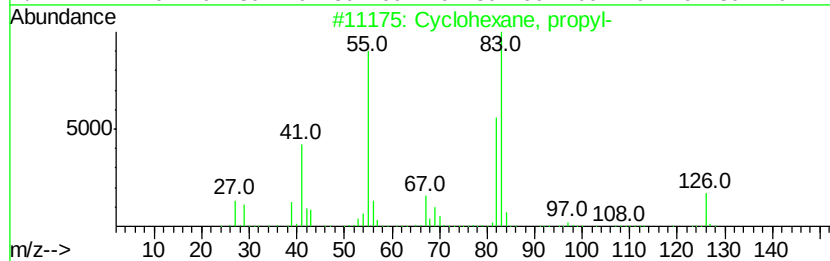
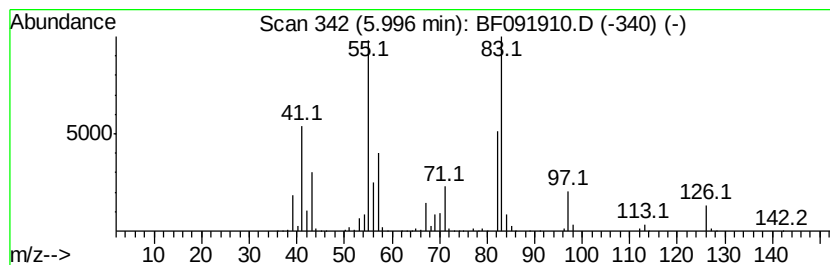
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Cyclohexane, propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.00	21.89 ng	7800110	1,4-Dichlorobenzene-d4	6.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Cyclohexane, propyl-	126 C9H18	001678-92-8 76
2		Cyclohexane, ethyl-	112 C8H16	001678-91-7 50
3		Cyclopentane, 1-ethyl-1-methyl-	112 C8H16	016747-50-5 49
4		Cyclohexane, decyl-	224 C16H32	001795-16-0 47
5		Cyclohexane, (1-methylethyl)-	126 C9H18	000696-29-7 46



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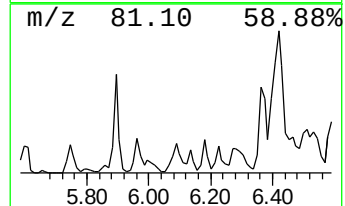
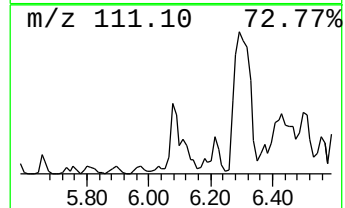
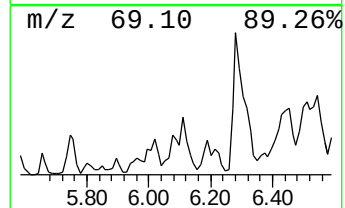
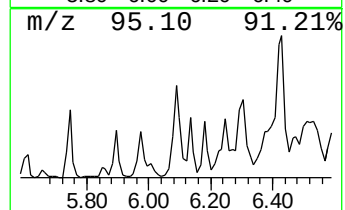
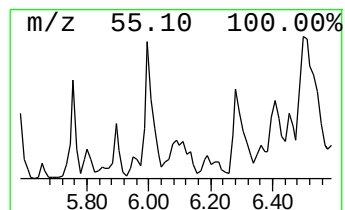
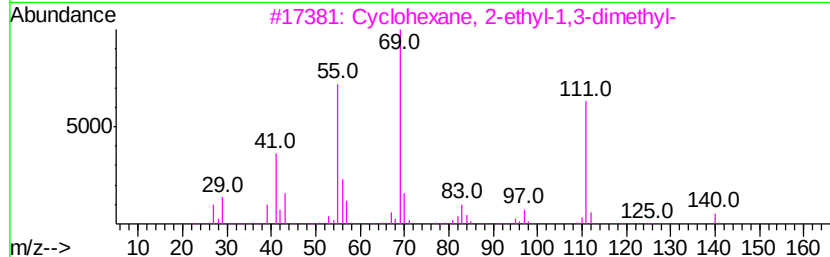
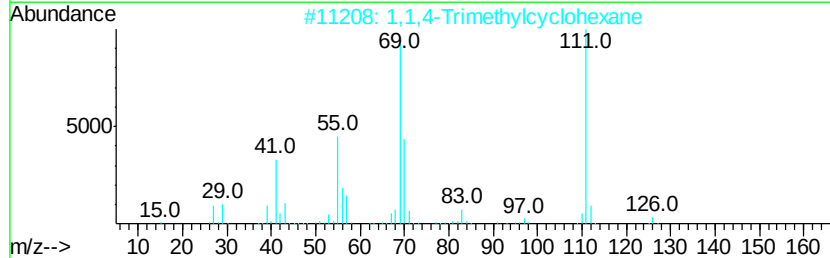
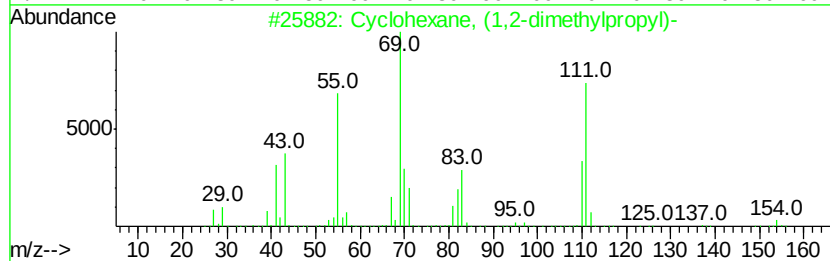
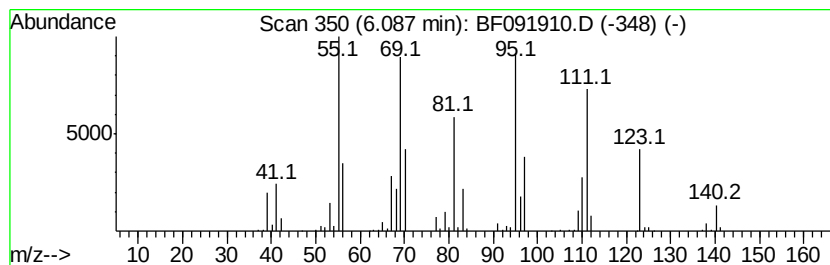
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.09 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.09	18.37 ng	6545550	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1,2-dimethylpropyl)-	154	C11H22	051284-29-8	35
2		1,1,4-Trimethylcyclohexane	126	C9H18	007094-27-1	35
3		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	27
4		1,1'-Bicyclooctyl	222	C16H30	006708-17-4	27
5		3-Octene, 4-ethyl-	140	C10H20	053966-51-1	27



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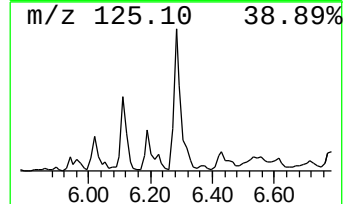
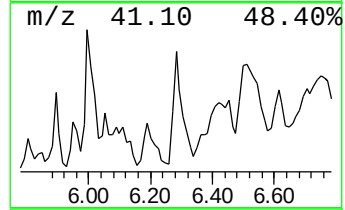
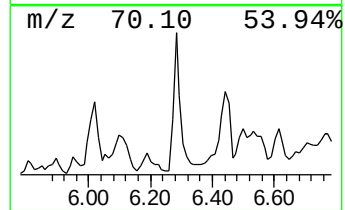
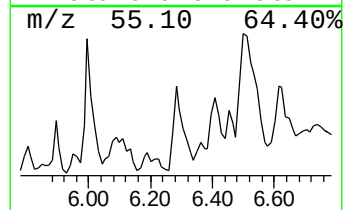
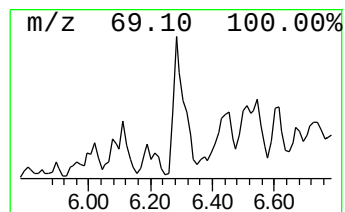
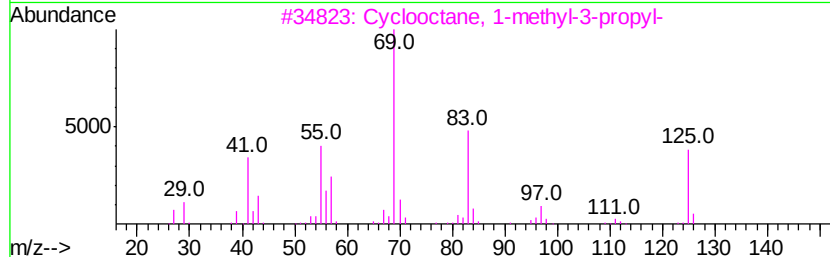
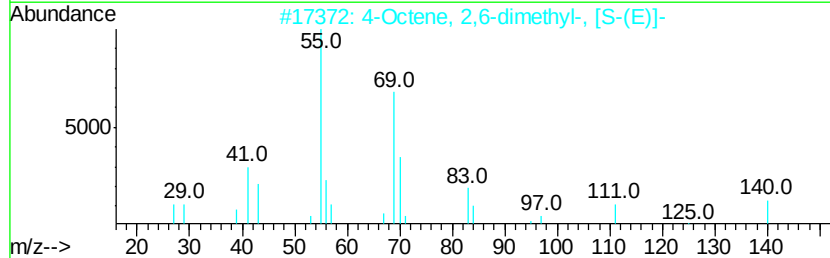
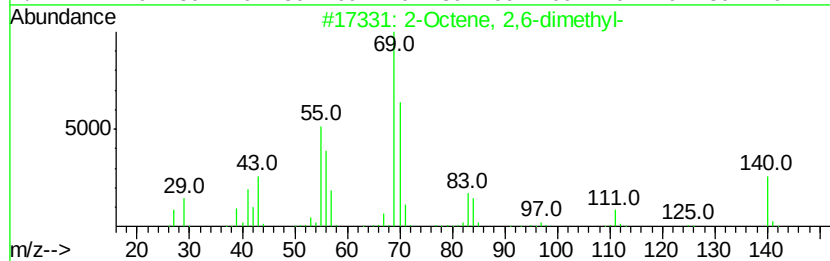
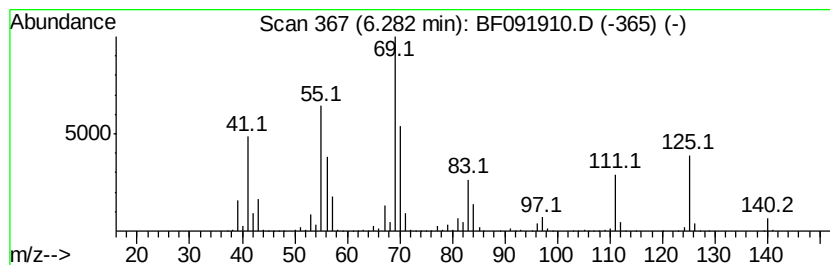
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Octene, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.28	29.78 ng	10609000	1,4-Dichlorobenzene-d4	6.76		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Octene, 2,6-dimethyl-		140	C10H20	004057-42-5	70
2	4-Octene, 2,6-dimethyl-, [S-(E)]-		140	C10H20	062960-76-3	50
3	Cyclooctane, 1-methyl-3-propyl-		168	C12H24	255885-37-1	50
4	Cyclohexane, 1,1,2,3-tetramethyl-		140	C10H20	006783-92-2	49
5	1-Hexene, 3,3,5-trimethyl-		126	C9H18	013427-43-5	49



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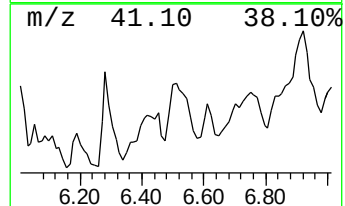
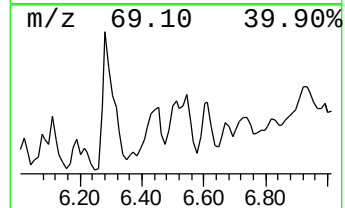
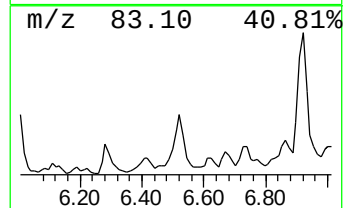
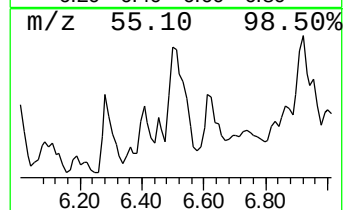
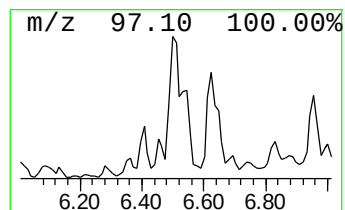
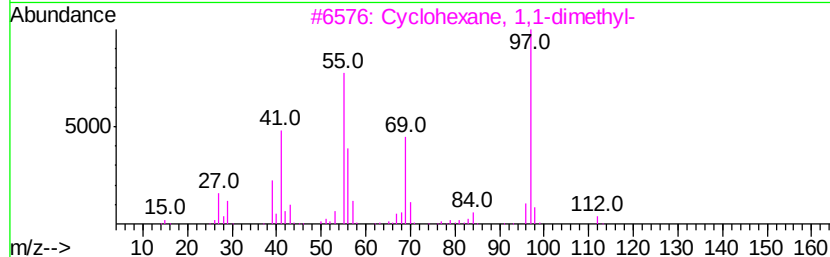
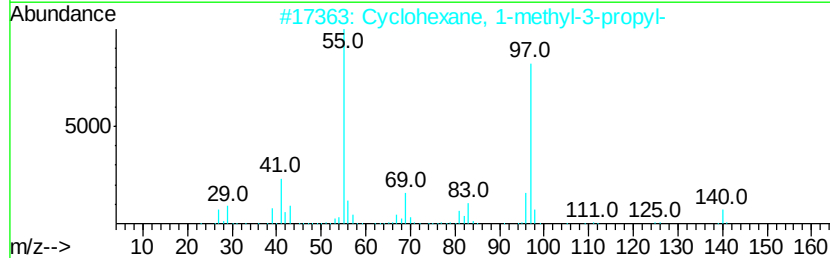
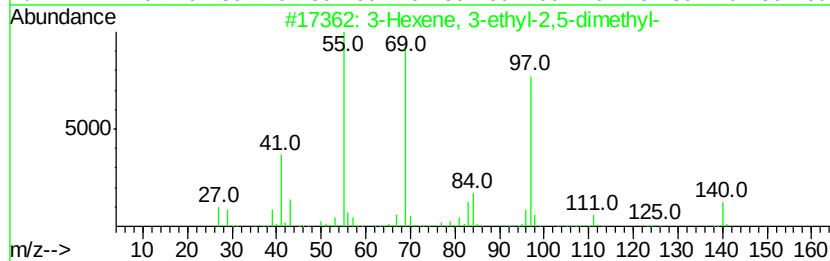
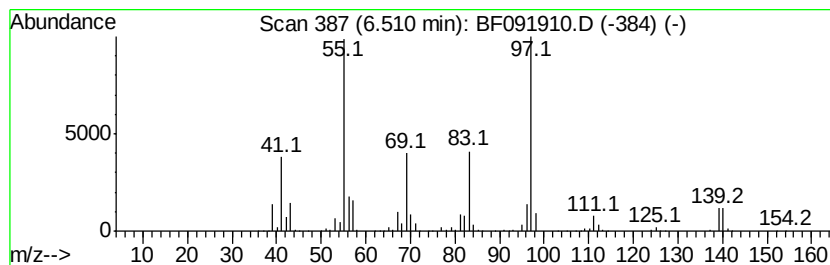
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ClientSampleId :
SB-51(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 3-Hexene, 3-ethyl-2,5-dimet... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	20.87 ng	7436070	1,4-Dichlorobenzene-d4	6.76
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3-Hexene, 3-ethyl-2,5-dimethyl-	140 C10H20	062338-08-3	62
2	Cyclohexane, 1-methyl-3-propyl-	140 C10H20	004291-80-9	58
3	Cyclohexane, 1,1-dimethyl-	112 C8H16	000590-66-9	53
4	Cyclohexane, 1-methyl-2-propyl-	140 C10H20	004291-79-6	52
5	Cyclohexane, 1-methyl-4-(1-methy...	140 C10H20	001678-82-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916

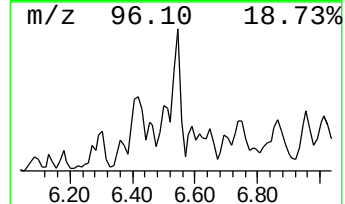
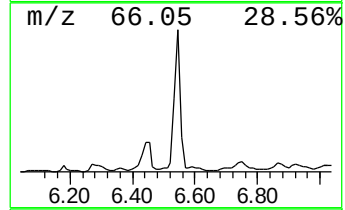
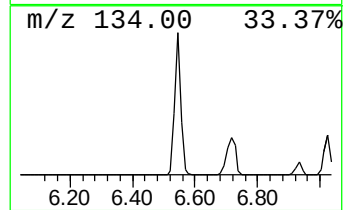
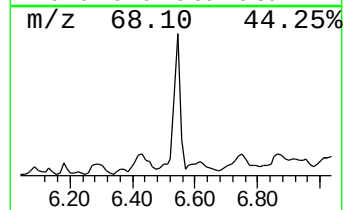
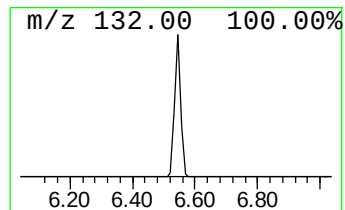
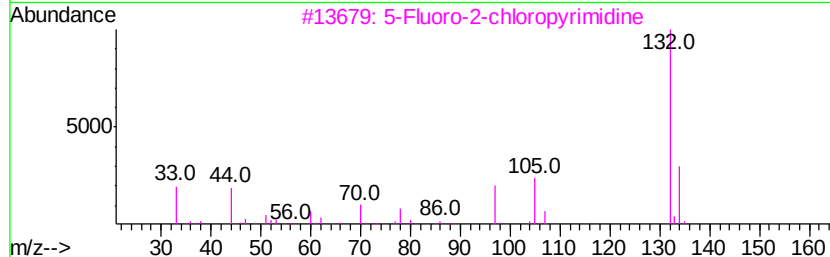
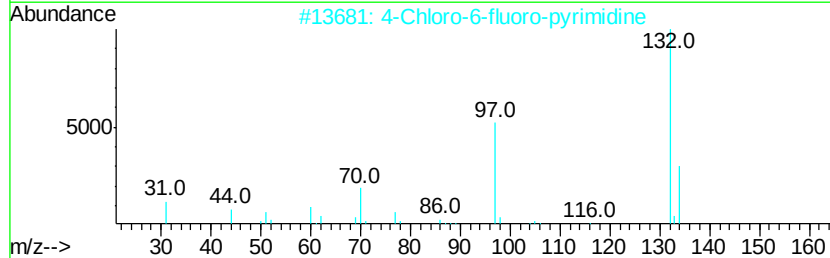
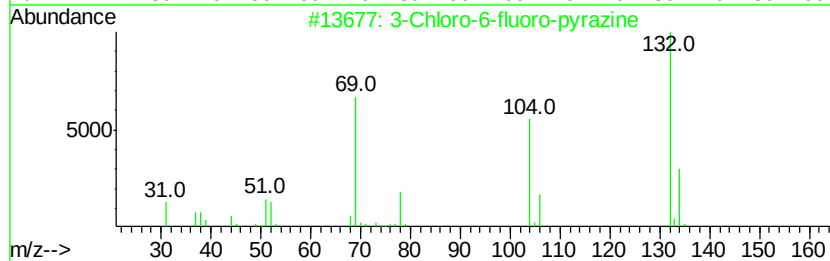
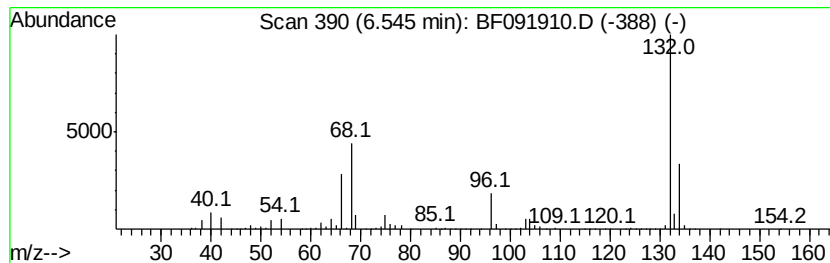
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.54 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	23.18 ng	8258960	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	12
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
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Instrument :
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ClientSampleId :
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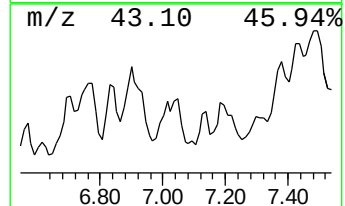
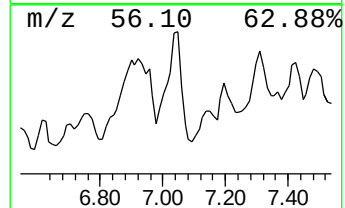
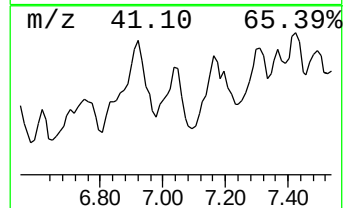
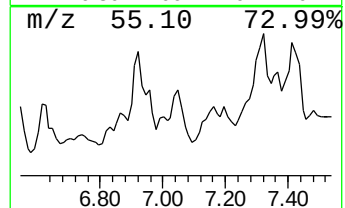
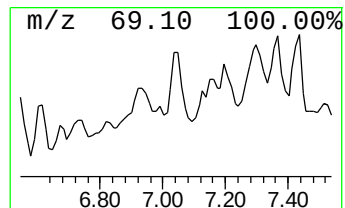
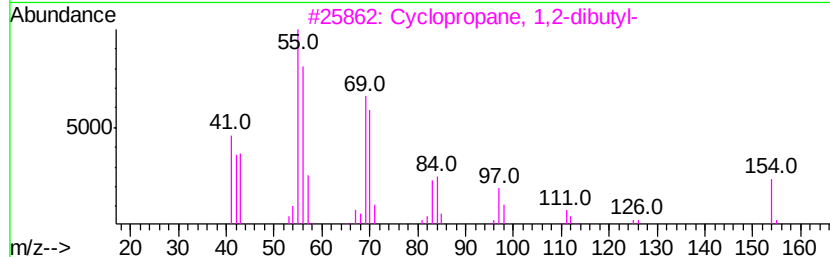
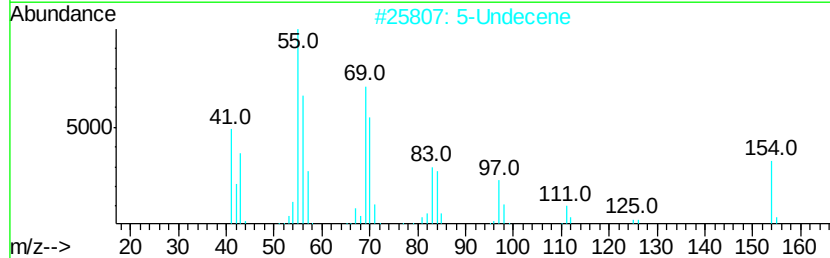
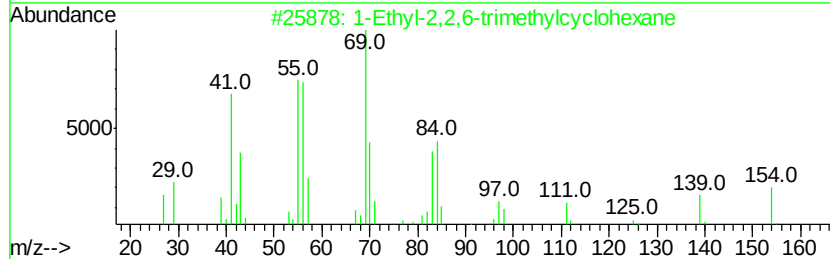
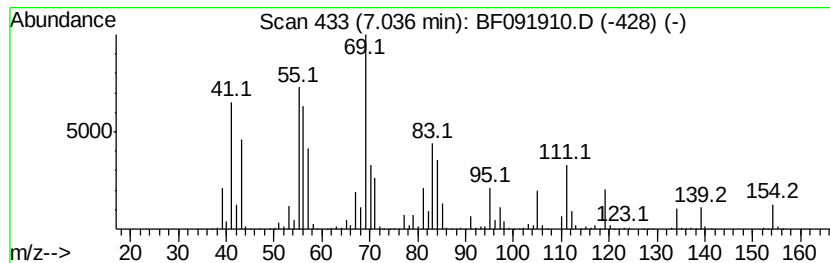
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 1-Ethyl-2,2,6-trimethylcycl... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	29.46 ng	10496600	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	89
2		5-Undecene	154	C11H22	004941-53-1	68
3		Cyclopropane, 1,2-dibutyl-	154	C11H22	041977-32-6	64
4		Nonane, 2-methyl-3-methylene-	154	C11H22	055499-08-6	60
5		3-Undecene, (Z)-	154	C11H22	000821-97-6	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
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Instrument :
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ClientSampleId :
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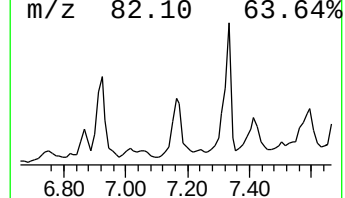
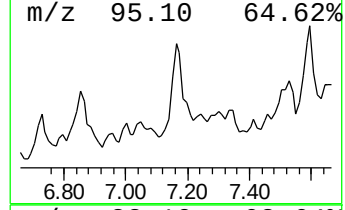
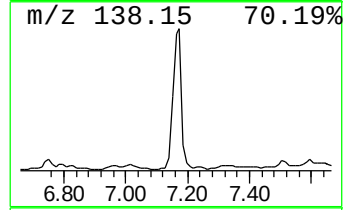
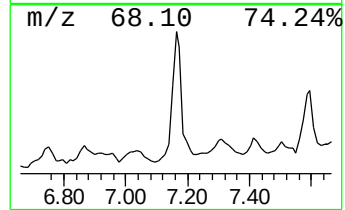
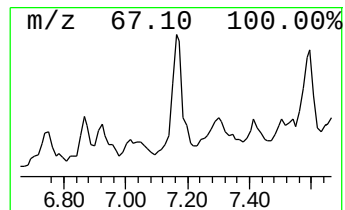
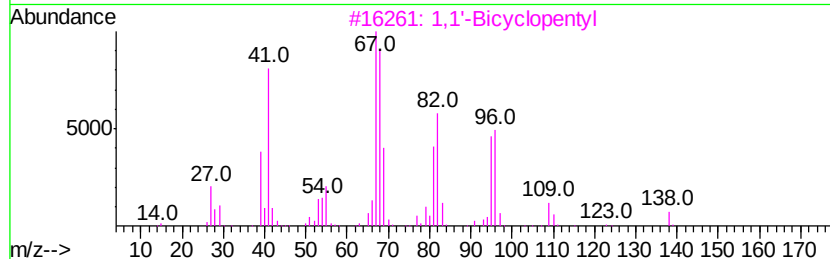
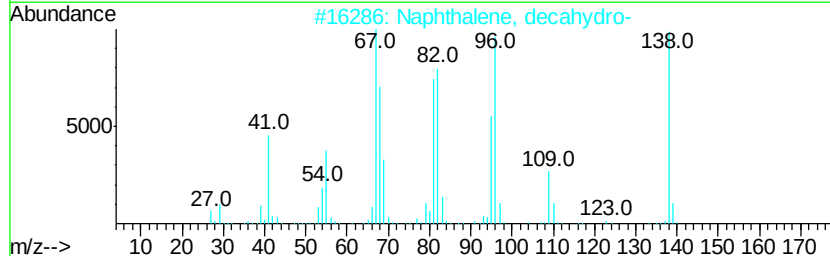
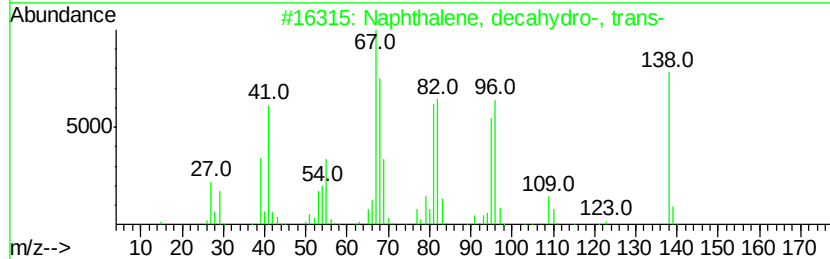
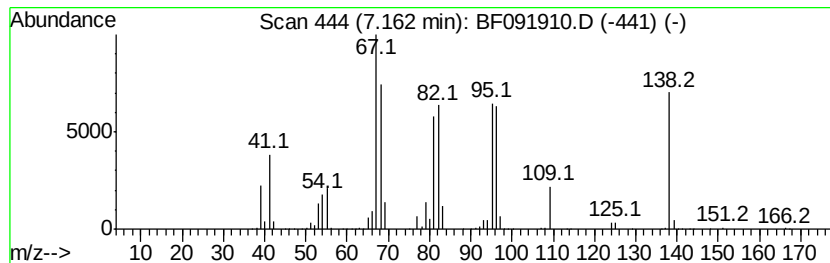
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, decahydro-, tr... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	28.05 ng	9992330	1,4-Dichlorobenzene-d4	6.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-, trans-	138	C10H18	000493-02-7	93
2		Naphthalene, decahydro-	138	C10H18	000091-17-8	87
3		1,1'-Bicyclopentyl	138	C10H18	001636-39-1	59
4		Spiro[4.5]decane	138	C10H18	000176-63-6	58
5		Cyclohexene, 1-butyl-	138	C10H18	003282-53-9	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
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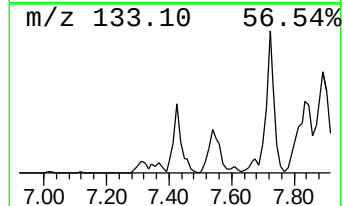
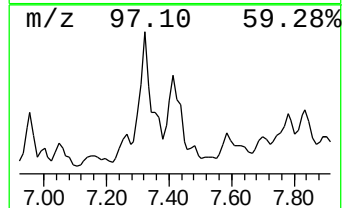
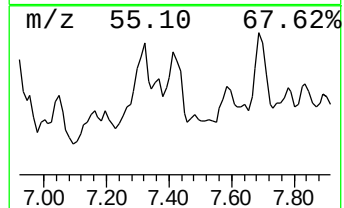
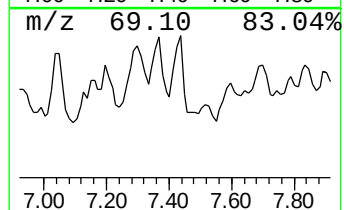
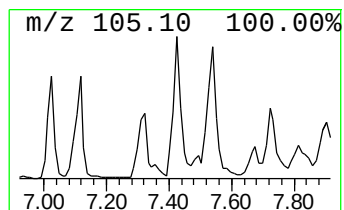
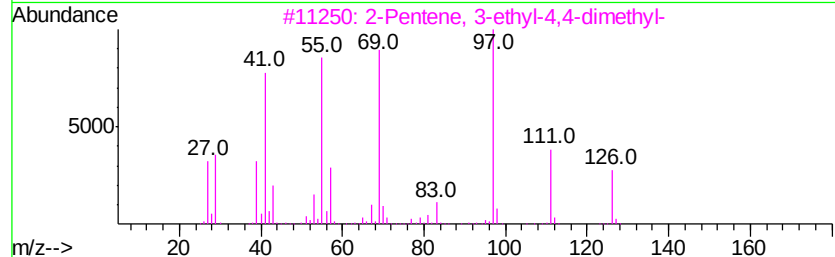
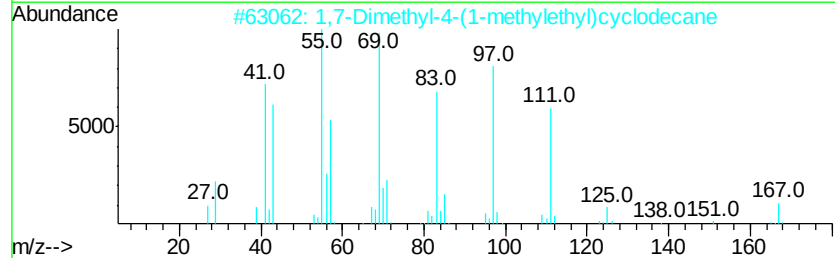
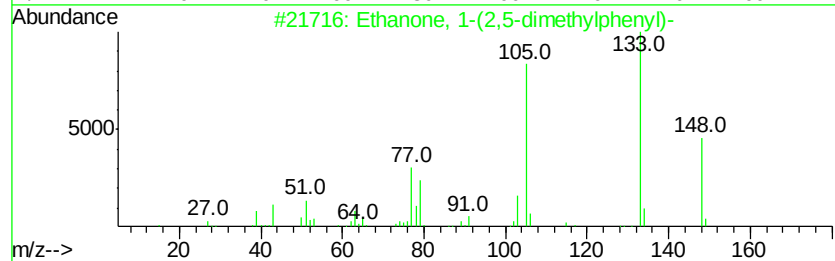
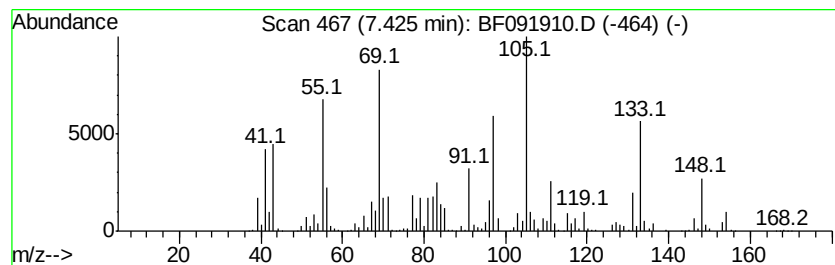
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Ethanone, 1-(2,5-dimethylph... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.42	45.40 ng	7546400	Napthalene-d8	8.06	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2,5-dimethylphenyl)-	148	C10H12O	002142-73-6	53
2	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	35
3	2-Pentene, 3-ethyl-4,4-dimethyl-	126	C9H18	053907-59-8	35
4	Ethanone, 1-(2,4-dimethylphenyl)-	148	C10H12O	000089-74-7	35
5	Methoxyacetic acid, 2-ethylcyclo...	200	C11H20O3	1000282-69-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
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Instrument :
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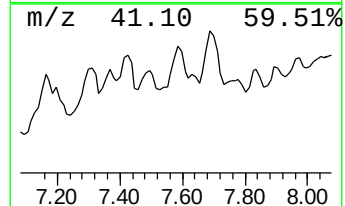
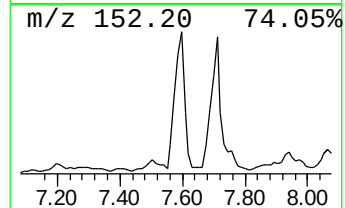
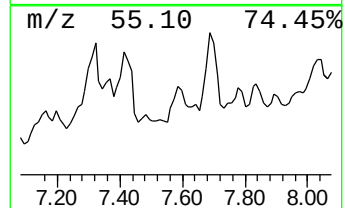
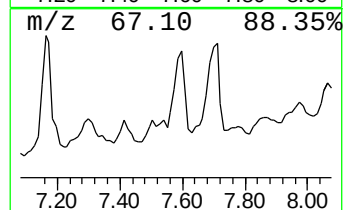
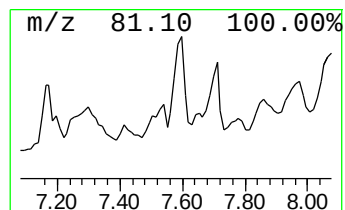
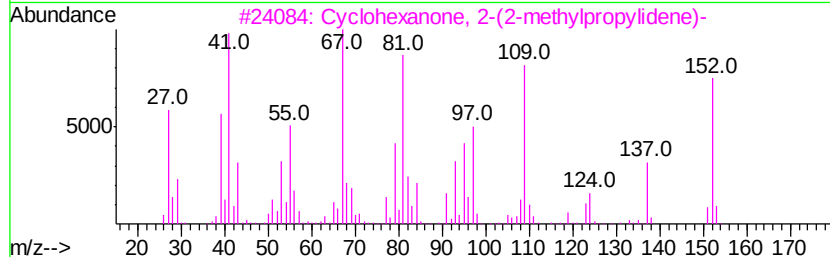
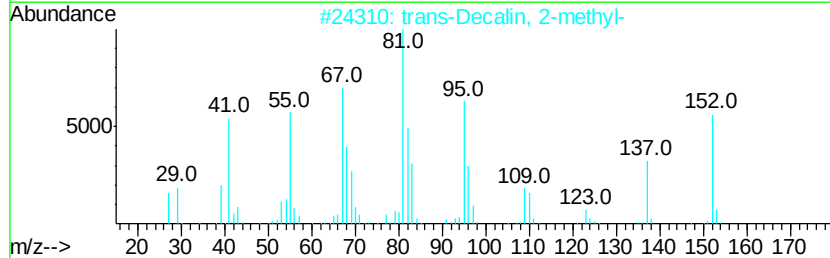
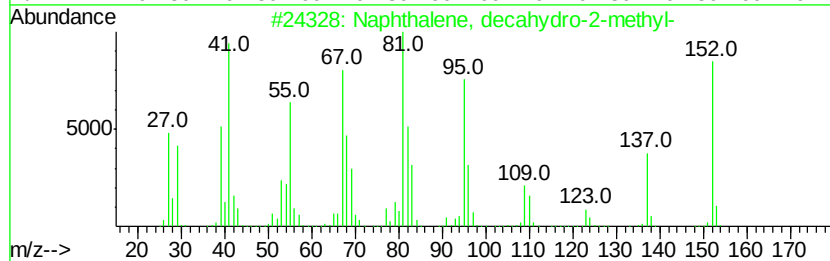
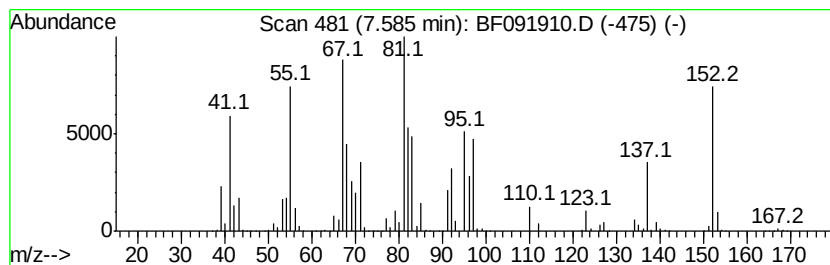
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, decahydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.58	82.35 ng	13688500	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
2		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	93
3		Cyclohexanone, 2-(2-methylpropyl)-	152	C10H16O	043108-69-6	86
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	70
5		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
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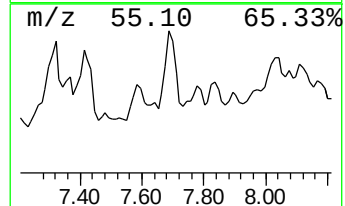
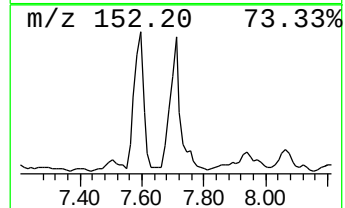
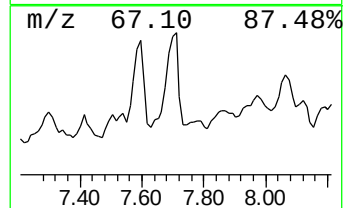
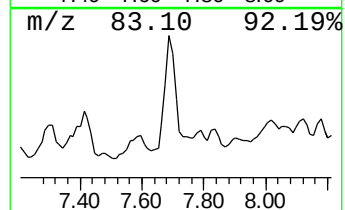
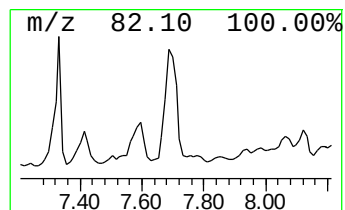
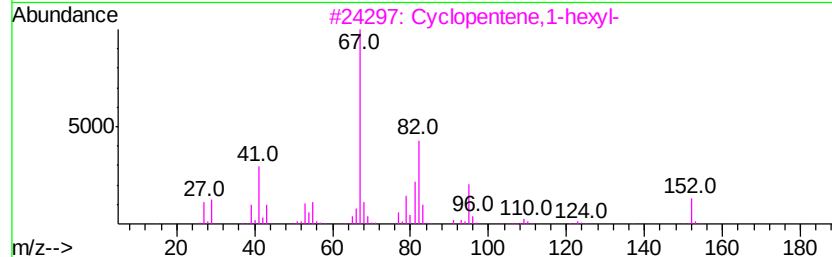
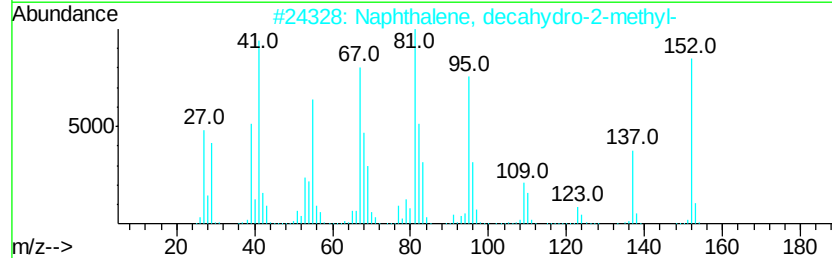
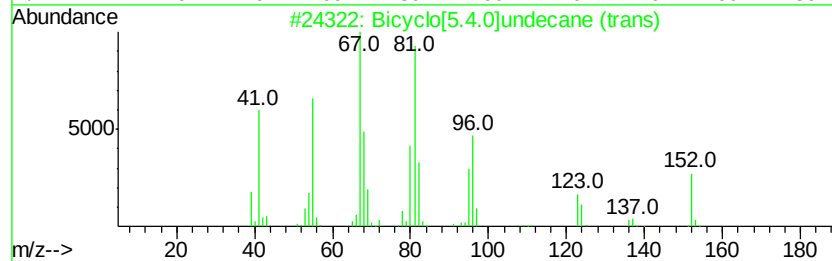
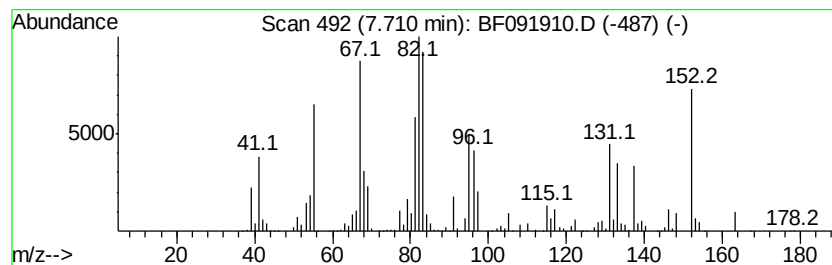
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown7.71 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	102.18 ng	16984200	Naphthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bicyclo[5.4.0]undecane (trans)	152	C11H20	021394-30-9	45
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	38
3		Cyclopentene,1-hexyl-	152	C11H20	004291-99-0	38
4		3-Methylhexahydrophthalide (tran...	154	C9H14O2	1000280-18-3	25
5		1H-Pyrrole, 2,3-dihydro-1-methyl-	83	C5H9N	033838-11-8	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

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ClientSampleId :
SB-51(0-1)-121916

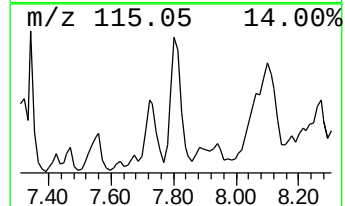
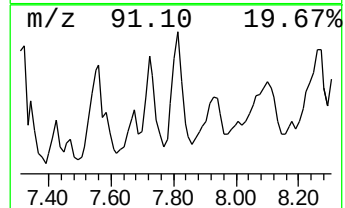
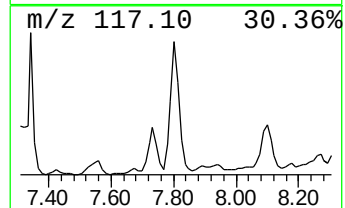
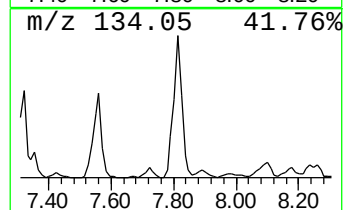
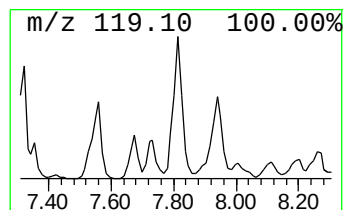
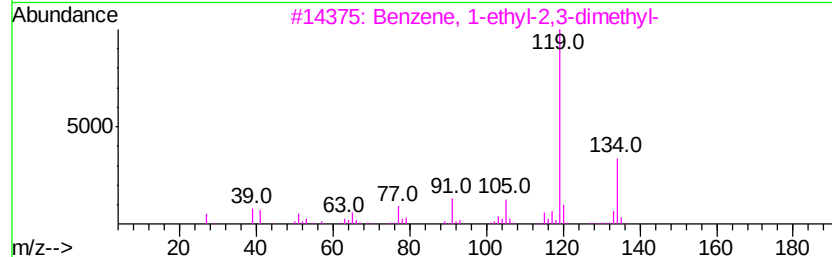
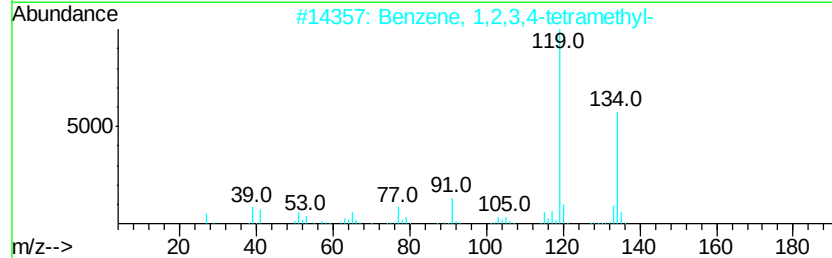
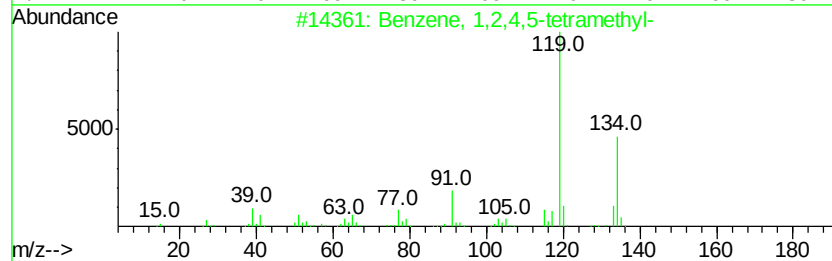
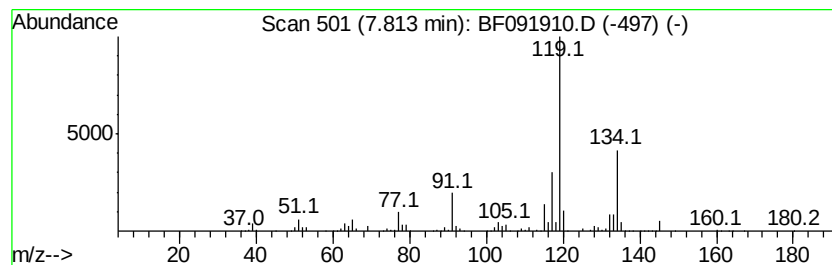
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	60.92 ng	10126000	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2		Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	87
3		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	87
4		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	87
5		Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-51(0-1)-121916

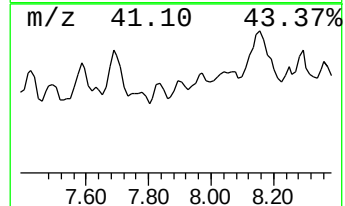
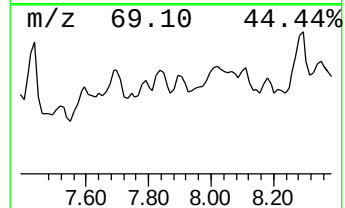
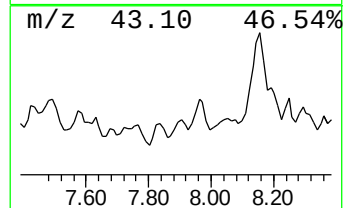
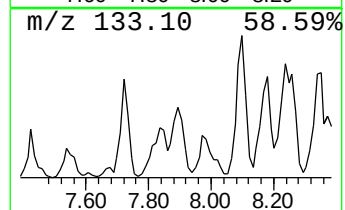
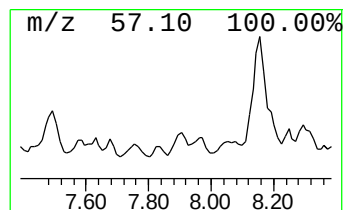
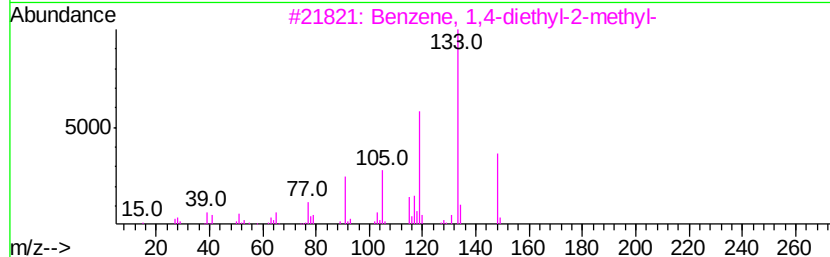
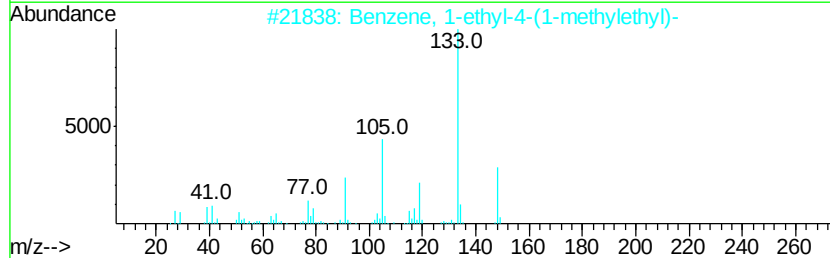
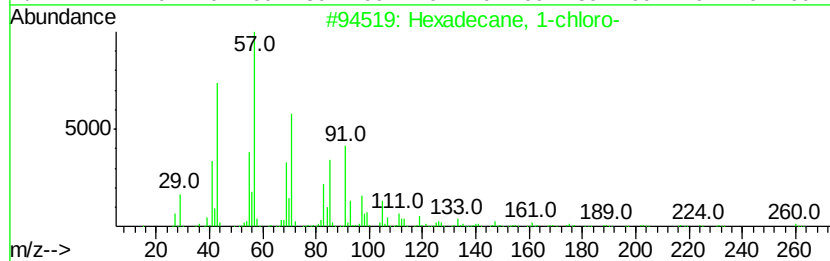
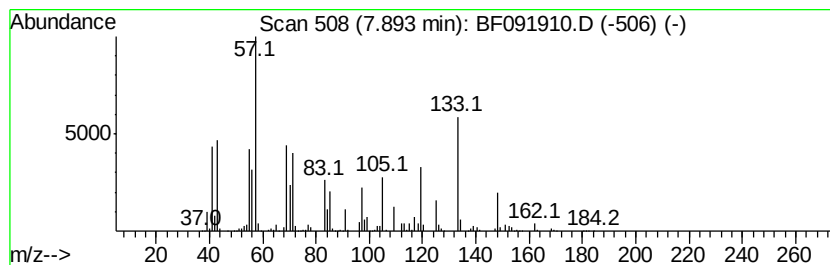
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown7.89 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	20.00 ng	3324420	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	35
2		Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	30
3		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	30
4		Benzene, 2,4-diethyl-1-methyl-	148	C11H16	001758-85-6	30
5		Phenol, 2-(2-methyl-2-propenyl)-	148	C10H12O	020944-88-1	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
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Misc :
ALS Vial : 50 Sample Multiplier: 1

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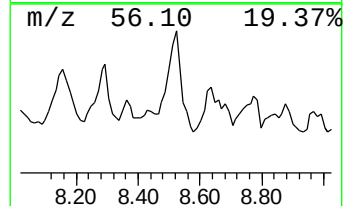
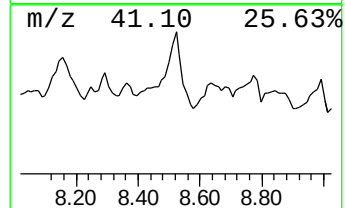
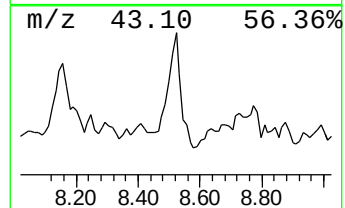
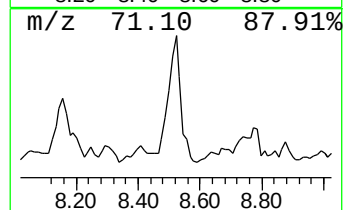
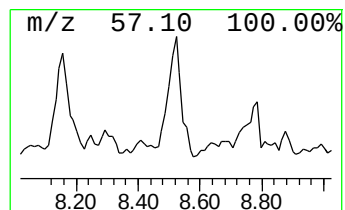
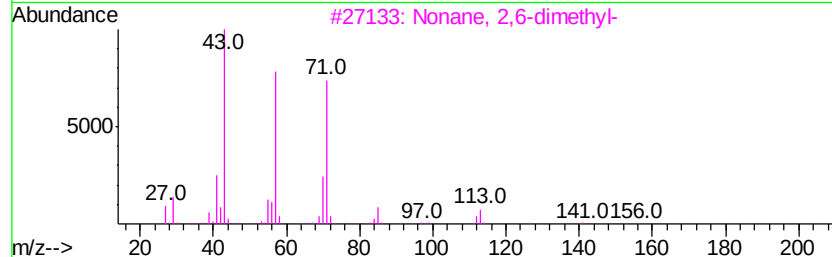
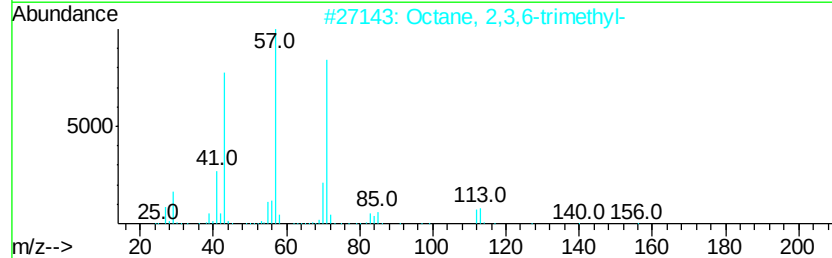
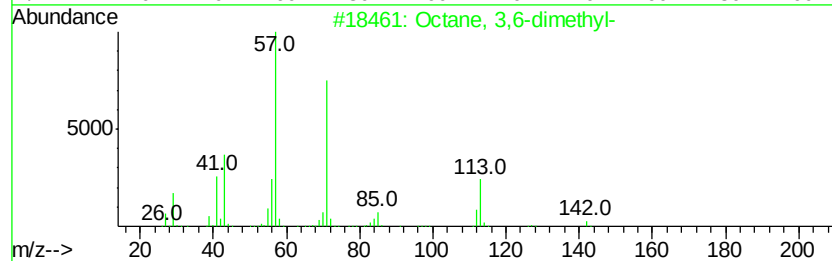
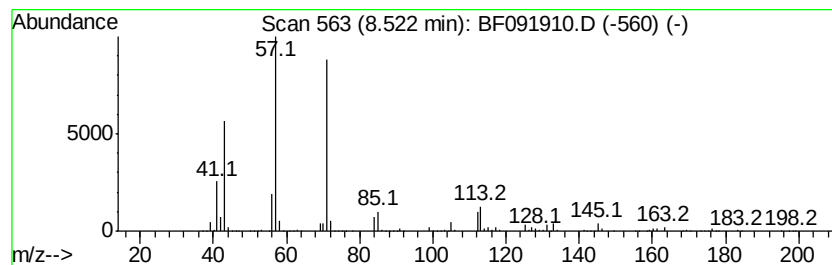
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octane, 3,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	58.79 ng	9771610	Napthalene-d8	8.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	72
2		Octane, 2,3,6-trimethyl-	156	C11H24	062016-33-5	64
3		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	64
4		Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
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Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
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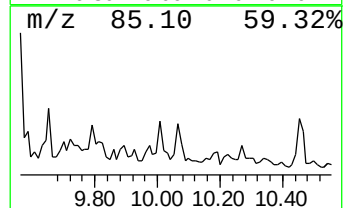
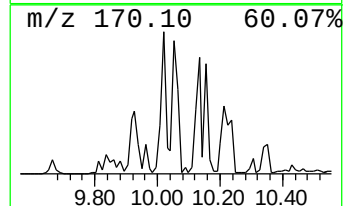
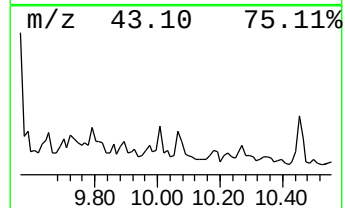
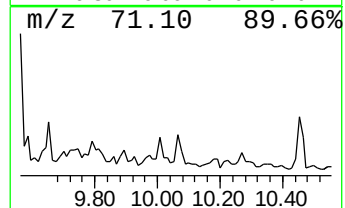
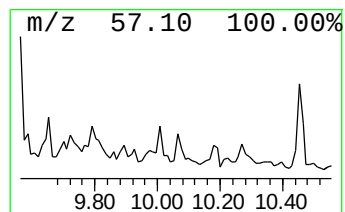
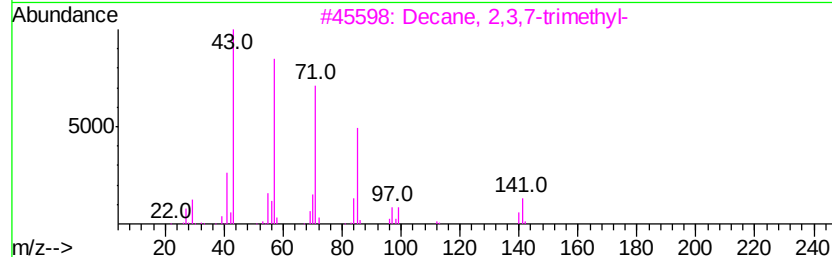
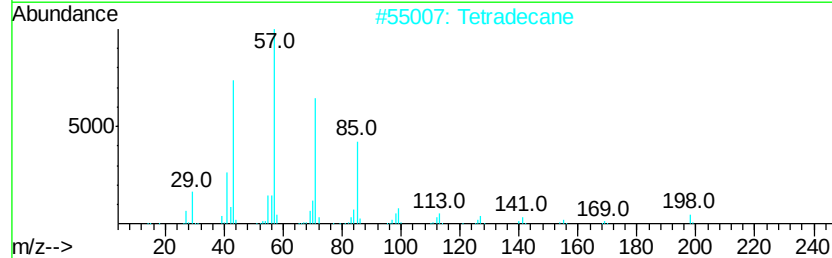
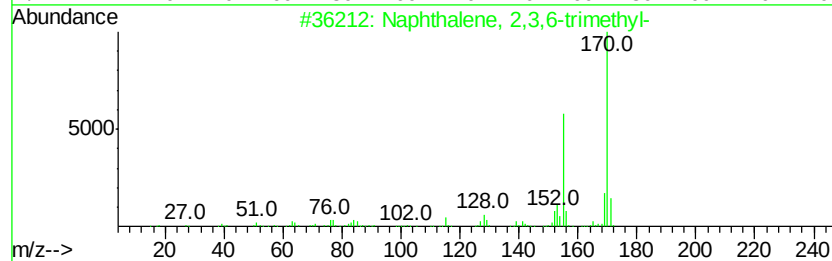
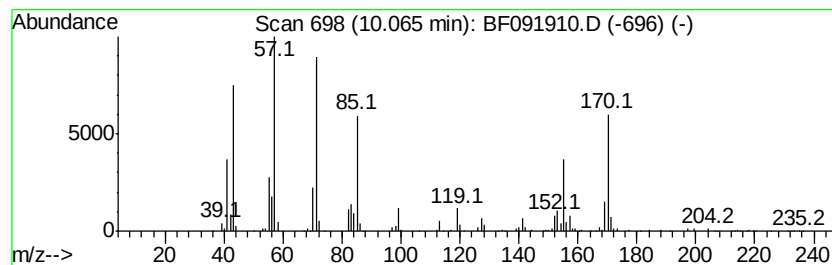
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.06	18.04 ng	6094870	Acenaphthene-d10	9.81	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2	Tetradecane	198	C14H30	000629-59-4	47
3	Decane, 2,3,7-trimethyl-	184	C13H28	062238-13-5	47
4	Nonadecane	268	C19H40	000629-92-5	46
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
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Instrument :
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ClientSampleId :
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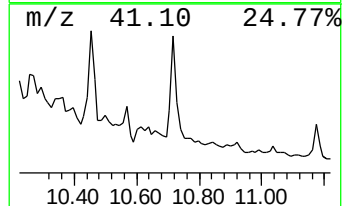
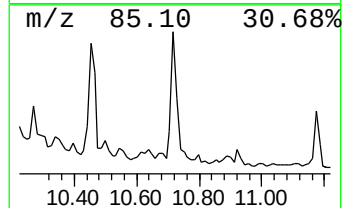
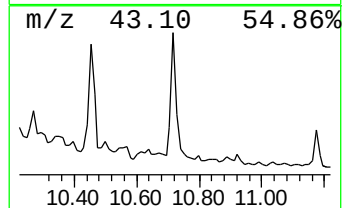
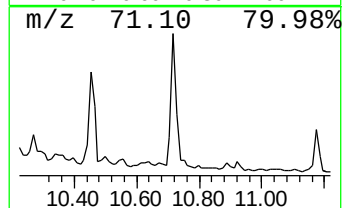
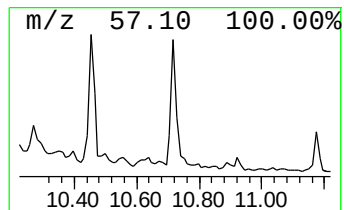
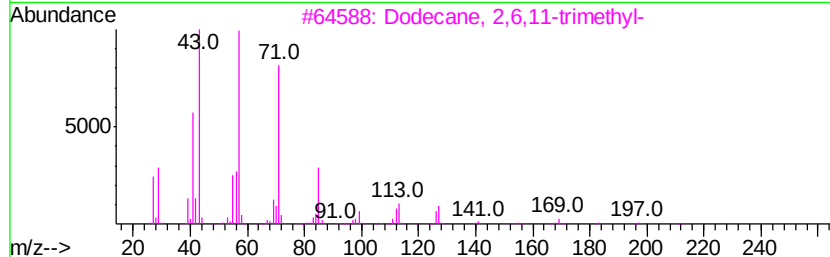
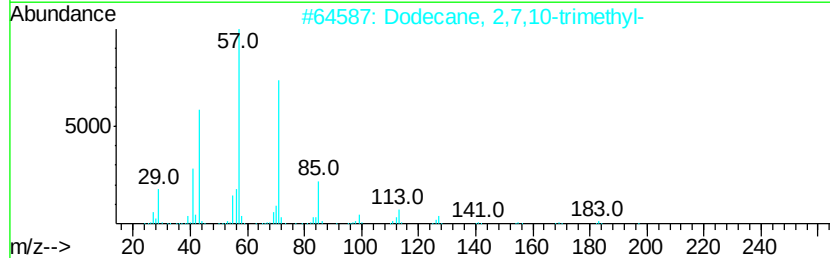
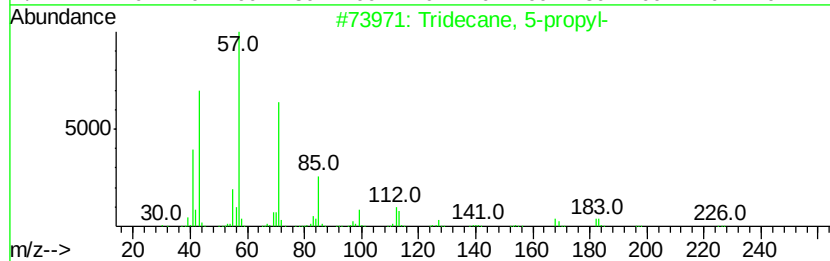
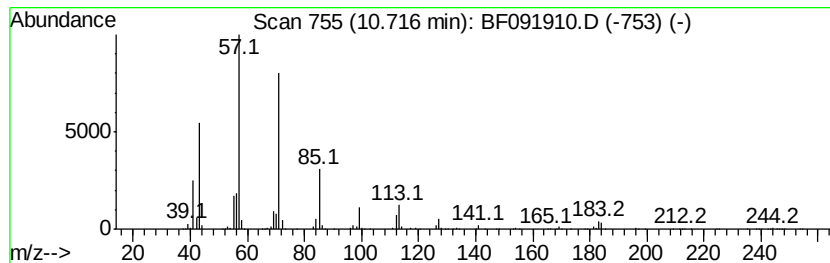
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane, 5-propyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	72.50 ng	6645430	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	78
2		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
4		Dodecane	170	C12H26	000112-40-3	59
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
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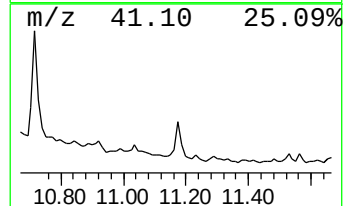
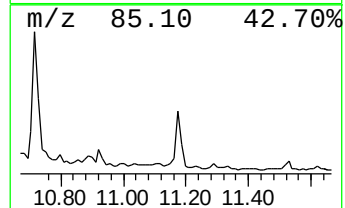
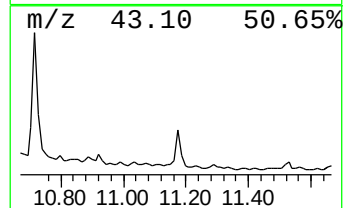
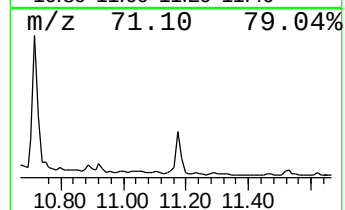
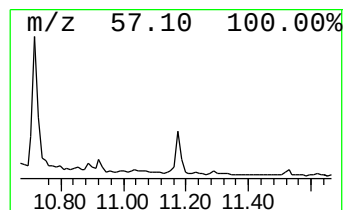
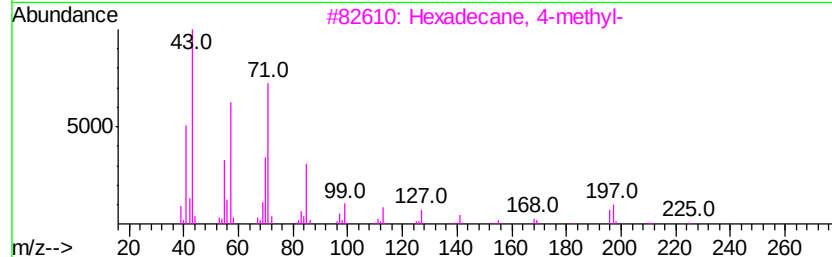
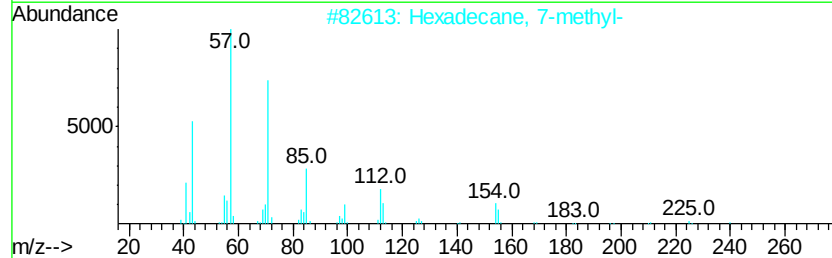
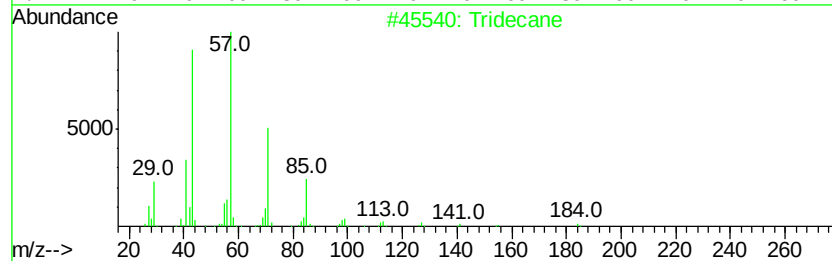
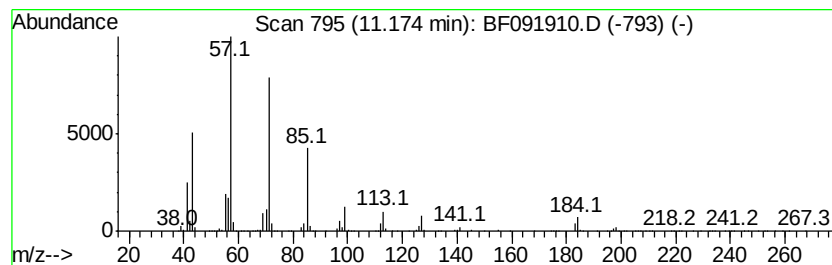
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.17	24.74 ng	2267880	Phenanthrene-d10	11.28
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	91
2	Hexadecane, 7-methyl-	240 C17H36	026730-20-1	90
3	Hexadecane, 4-methyl-	240 C17H36	025117-26-4	87
4	Dodecane, 1-iodo-	296 C12H25I	004292-19-7	86
5	Heptadecane	240 C17H36	000629-78-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
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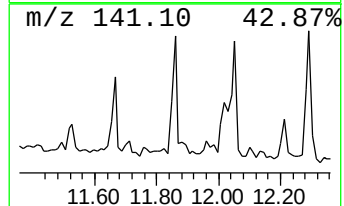
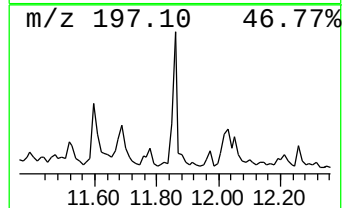
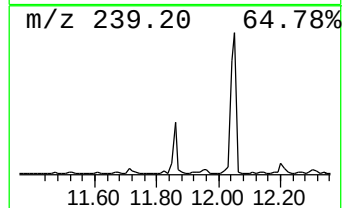
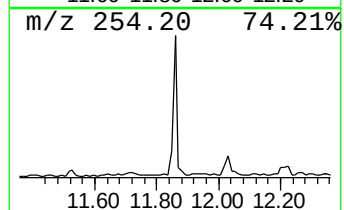
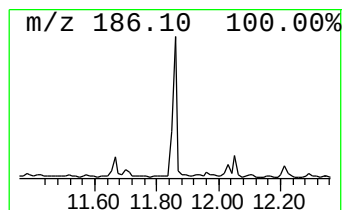
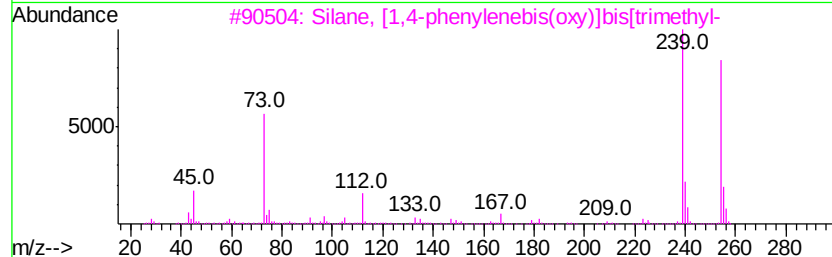
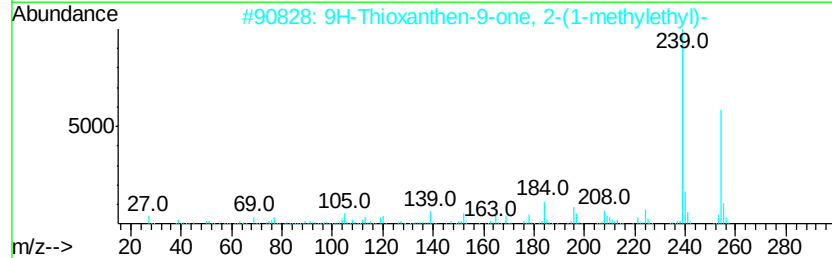
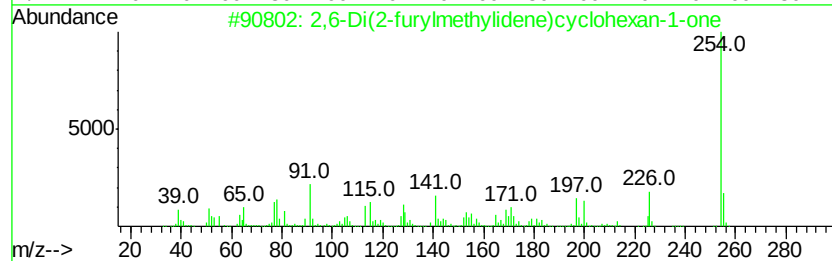
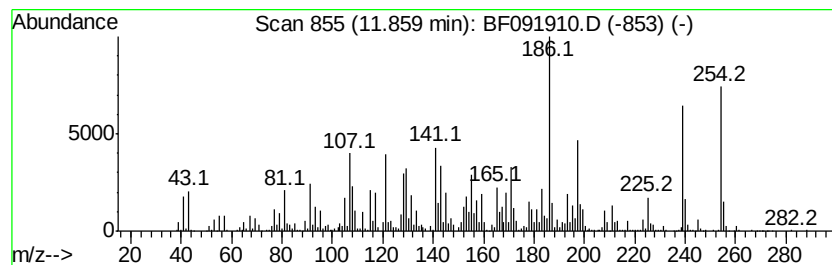
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2,6-Di(2-furylmethylidene)c... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.86	21.47 ng	1967840	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Di(2-furylmethylidene)cvclohexanone	254	C16H14O3	000893-00-5	55	
2	9H-Thioxanthen-9-one, 2-(1-methylethyl)-	254	C16H14OS	005495-84-1	38	
3	Silane, [1,4-phenylenebis(oxy)]bis(trimethyl-	254	C12H22O2Si2	002117-24-0	25	
4	Benzenamine, 3,5-dimethyl-5-nitro-	254	C16H18N2O	295780-40-4	20	
5	1-Propene, 1,2-bis(4-methoxyphenyl)-	254	C17H18O2	020802-02-2	18	



Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091910.D
Acq On : 23 Dec 2016 7:22
Operator : UM/SJ
Sample : H6182-01
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-51(0-1)-121916

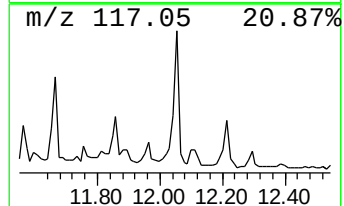
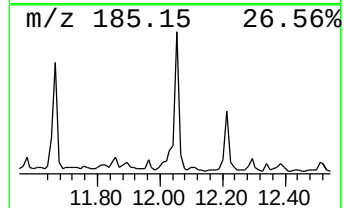
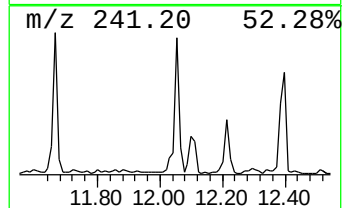
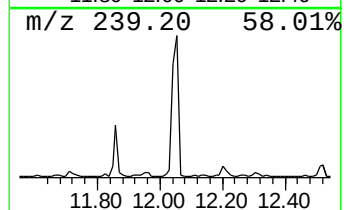
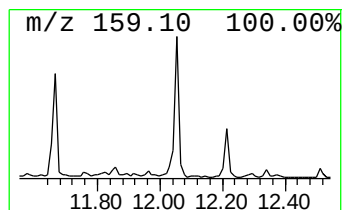
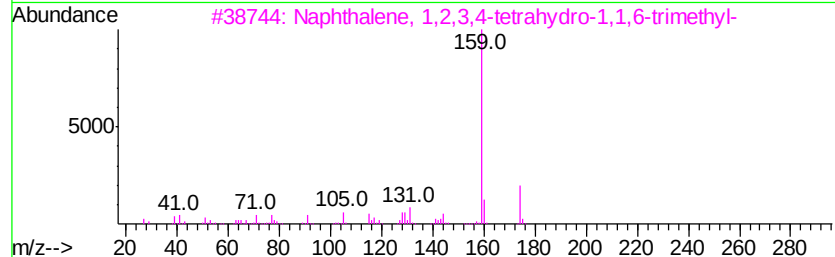
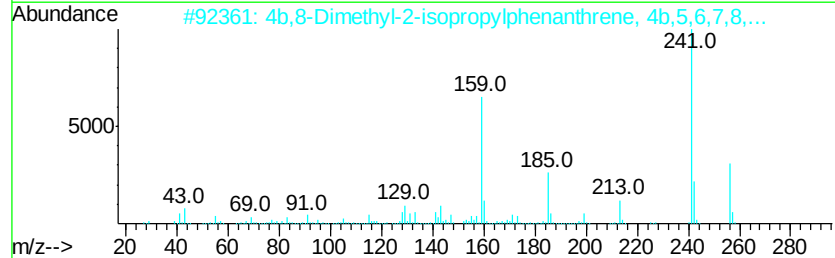
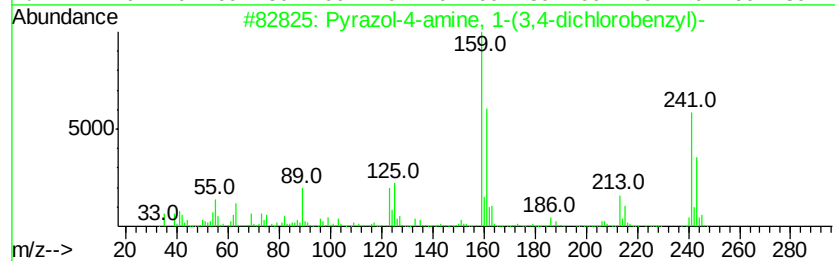
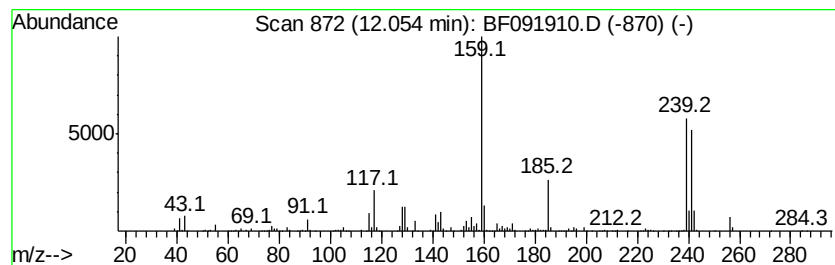
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown12.05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	19.57 ng	1793700	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrazol-4-amine, 1-(3,4-dichloro...	241	C10H9Cl2N3	1000273-77-4	43
2		4b,8-Dimethyl-2-isopropylphenant...	256	C19H28	1000197-14-1	41
3		Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	35
4		Isoxazole, 5-methyl-4-phenyl-	159	C10H9NO	023253-49-8	27
5		Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122216\
 Data File : BF091910.D
 Acq On : 23 Dec 2016 7:22
 Operator : UM/SJ
 Sample : H6182-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-51(0-1)-121916

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.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, propyl-	6.00	21.9	ng	7800110	1	6.76	7125280	20.0
unknown6.09	6.09	18.4	ng	6545550	1	6.76	7125280	20.0
2-Octene, 2,6-dim...	6.28	29.8	ng	10609000	1	6.76	7125280	20.0
3-Hexene, 3-ethyl...	6.51	20.9	ng	7436070	1	6.76	7125280	20.0
unknown6.54	6.54	23.2	ng	8258960	1	6.76	7125280	20.0
1-Ethyl-2,2,6-tri...	7.04	29.5	ng	10496600	1	6.76	7125280	20.0
Naphthalene, deca...	7.16	28.1	ng	9992330	1	6.76	7125280	20.0
Ethanone, 1-(2,5-...	7.42	45.4	ng	7546400	2	8.06	3324420	20.0
Naphthalene, deca...	7.58	82.3	ng	13688500	2	8.06	3324420	20.0
unknown7.71	7.71	102.2	ng	16984200	2	8.06	3324420	20.0
Benzene, 1,2,4,5-...	7.81	60.9	ng	10126000	2	8.06	3324420	20.0
unknown7.89	7.89	20.0	ng	3324420	2	8.06	3324420	20.0
Octane, 3,6-dimet...	8.52	58.8	ng	9771610	2	8.06	3324420	20.0
Naphthalene, 2,3,...	10.06	18.0	ng	6094870	3	9.81	6757320	20.0
Tridecane, 5-propyl-	10.72	72.5	ng	6645430	4	11.28	1833110	20.0
Tridecane	11.17	24.7	ng	2267880	4	11.28	1833110	20.0
2,6-Di(2-furylmet...	11.86	21.5	ng	1967840	4	11.28	1833110	20.0
unknown12.05	12.05	19.6	ng	1793700	4	11.28	1833110	20.0