

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
 Data File : BF107964.D
 Acq On : 4 Aug 2018 3:39
 Operator : JU/SJ
 Sample : J4297-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.625	383	389	395	rVB	83311	106925	1.68%	0.114%
2	5.013	451	455	461	rVB	231174	263357	4.13%	0.282%
3	5.090	461	468	471	rBV	254769	339326	5.32%	0.363%
4	5.119	471	473	478	rVB	170214	169773	2.66%	0.182%
5	5.172	478	482	488	rBV2	710092	1069513	16.77%	1.145%
6	5.225	488	491	495	rVB2	124573	192759	3.02%	0.206%
7	5.296	501	503	507	rVB	88061	79846	1.25%	0.085%
8	5.372	509	516	519	rBV2	446407	734617	11.52%	0.786%
9	5.519	534	541	544	rBV2	147371	244442	3.83%	0.262%
10	5.596	551	554	560	rBV	1084244	1560380	24.47%	1.670%
11	5.648	560	563	566	rVB	392310	419532	6.58%	0.449%
12	5.719	572	575	581	rBV2	771678	1150032	18.03%	1.231%
13	5.772	581	584	587	rVV	806119	775670	12.16%	0.830%
14	5.813	587	591	594	rVV	645153	722491	11.33%	0.773%
15	5.872	598	601	606	rBV	451833	451468	7.08%	0.483%
16	5.978	611	619	622	rBV3	1250014	2142840	33.60%	2.294%
17	6.013	622	625	629	rBV3	719656	1030795	16.16%	1.104%
18	6.072	632	635	636	rBV3	181737	178085	2.79%	0.191%
19	6.096	636	639	640	rBV	521966	459735	7.21%	0.492%
20	6.113	640	642	645	rVB	1260963	1057036	16.58%	1.132%
21	6.148	645	648	651	rBV2	942911	1119492	17.56%	1.198%
22	6.196	651	656	663	rBV2	3366188	6281798	98.51%	6.725%
23	6.254	663	666	669	rVB2	2017404	1895148	29.72%	2.029%
24	6.290	669	672	675	rBV4	708630	954843	14.97%	1.022%
25	6.319	675	677	679	rVB	763400	581074	9.11%	0.622%
26	6.343	679	681	684	rVB3	518844	536689	8.42%	0.575%
27	6.390	684	689	693	rBV3	1820960	2906670	45.58%	3.112%
28	6.431	693	696	702	rVB5	615597	916914	14.38%	0.982%
29	6.490	702	706	716	rBV4	3514943	6376814	100.00%	6.827%
30	6.572	716	720	723	rBV3	669839	1001970	15.71%	1.073%
31	6.601	723	725	727	rBV	1975621	1924995	30.19%	2.061%
32	6.625	727	729	732	rVB2	1592805	1509727	23.68%	1.616%
33	6.654	732	734	736	rBV	1036524	813616	12.76%	0.871%
34	6.701	736	742	745	rBV4	1777160	3507362	55.00%	3.755%

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

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

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35	6.737	745	748	753	rVB3	2940338	3692501	57.91%	3.953%
36	6.795	753	758	759	rBV3	1033599	1328775	20.84%	1.423%
37	6.813	759	761	763	rVB2	1382019	1143015	17.92%	1.224%
38	6.866	763	770	775	rBV5	1434552	3332744	52.26%	3.568%
39	6.913	775	778	781	rBV3	1384823	2085061	32.70%	2.232%
40	6.960	784	786	789	rVB2	1358487	1249679	19.60%	1.338%
41	7.007	789	794	797	rBV4	897686	1472419	23.09%	1.576%
42	7.060	797	803	806	rBV3	1455431	2624105	41.15%	2.809%
43	7.095	806	809	812	rBV2	2260864	2874770	45.08%	3.078%
44	7.178	821	823	826	rBV3	1222715	1238787	19.43%	1.326%
45	7.225	826	831	835	rVB4	2140913	3434587	53.86%	3.677%
46	7.301	841	844	846	rBV4	613321	682118	10.70%	0.730%
47	7.360	850	854	855	rBV2	1547737	1587424	24.89%	1.699%
48	7.431	863	866	870	rBV3	854589	1103196	17.30%	1.181%
49	7.490	870	876	880	rVV4	2628380	5221609	81.88%	5.590%
50	7.531	880	883	886	rVV4	2206418	2872362	45.04%	3.075%
51	7.601	890	895	898	rBV3	2285989	3867157	60.64%	4.140%
52	7.654	898	904	907	rBV4	1370201	2406229	37.73%	2.576%
53	7.737	915	918	921	rBV2	892915	1333203	20.91%	1.427%
54	7.772	921	924	929	rVB4	1572192	2086809	32.72%	2.234%
55	7.890	941	944	949	rVB6	1939381	2480980	38.91%	2.656%
56	7.984	958	960	962	rBV3	760511	867985	13.61%	0.929%
57	13.107	1828	1831	1834	rBV	1009390	949113	14.88%	1.016%

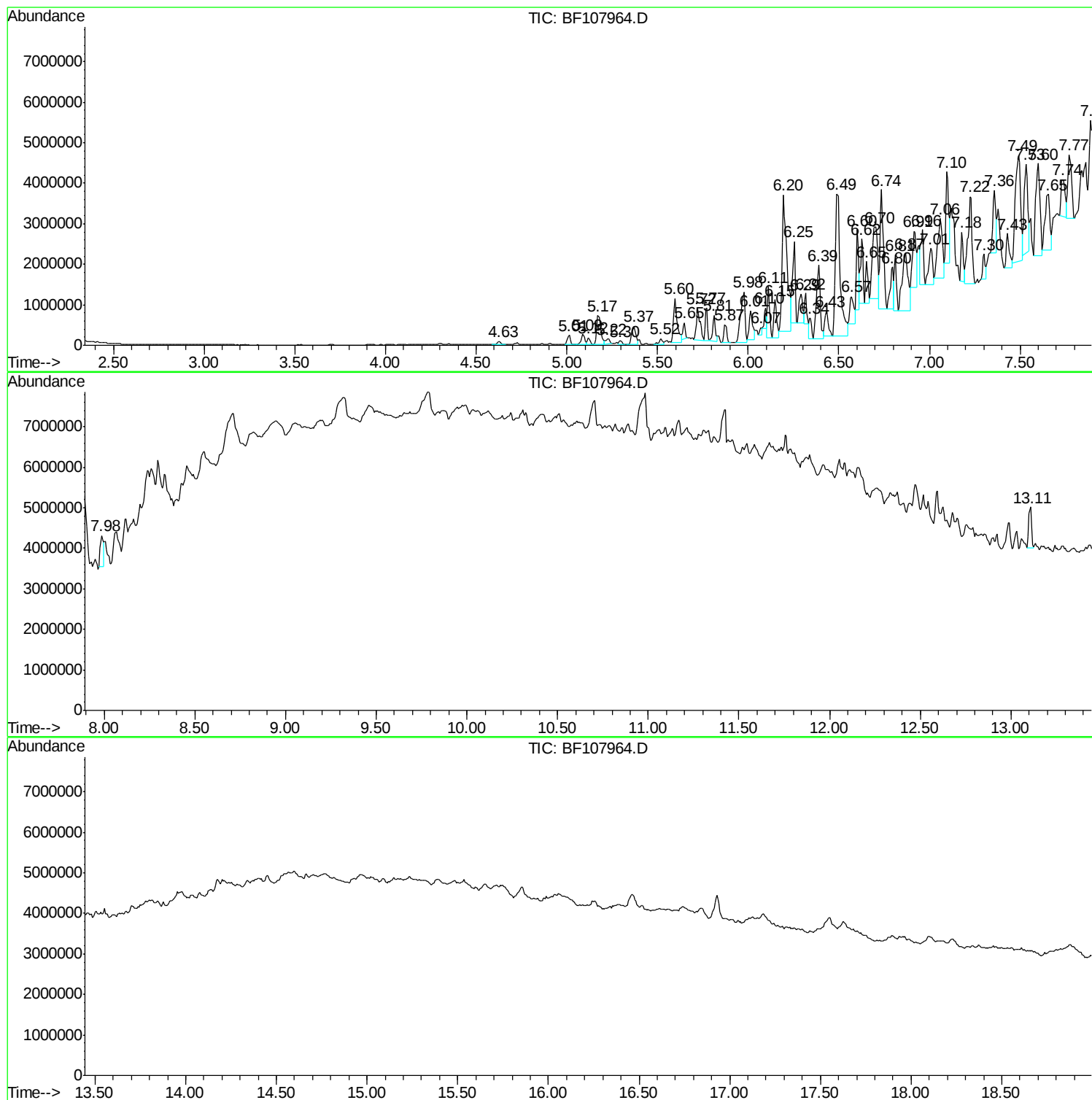
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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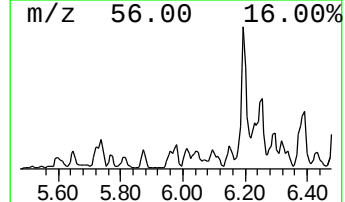
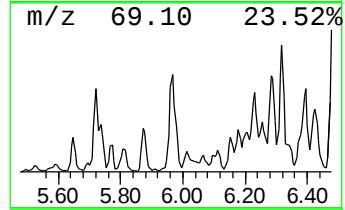
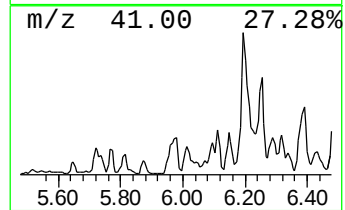
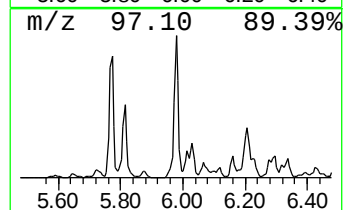
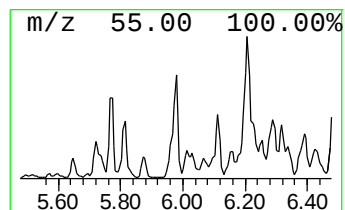
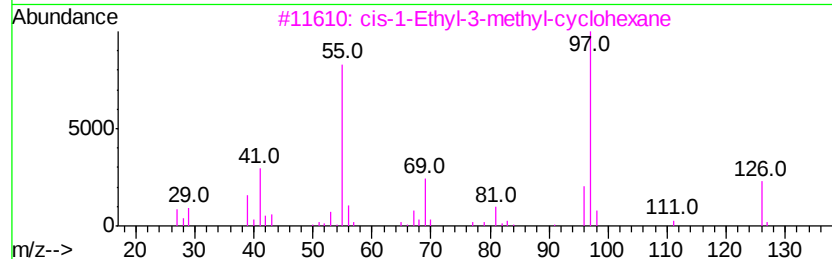
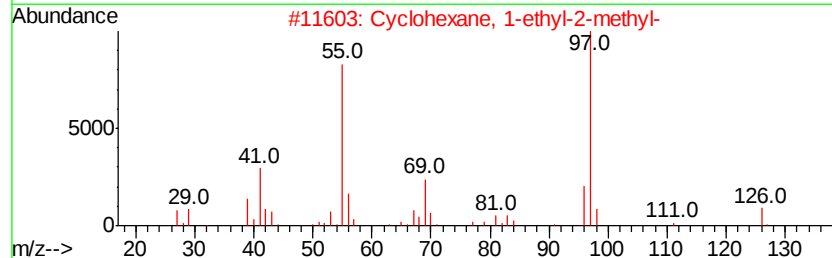
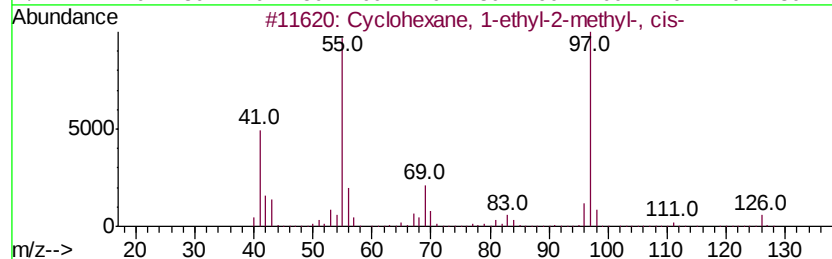
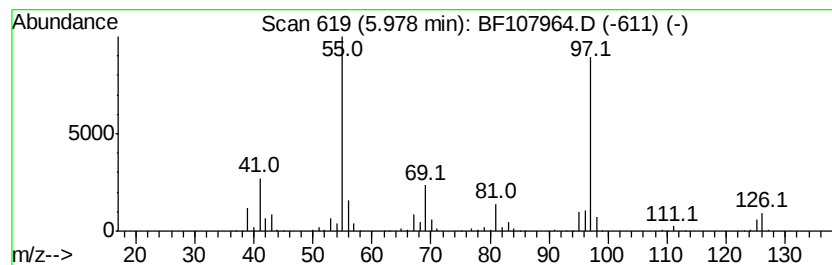
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1-ethyl-2-meth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	34.29 ng	2142840	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	87
2		Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	81
3		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	72



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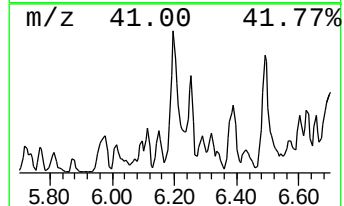
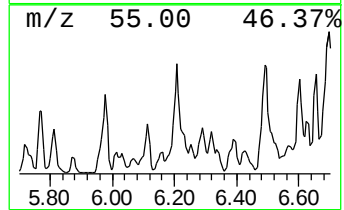
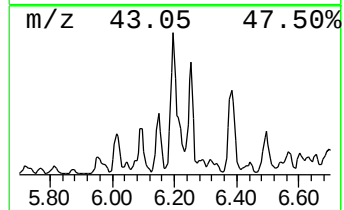
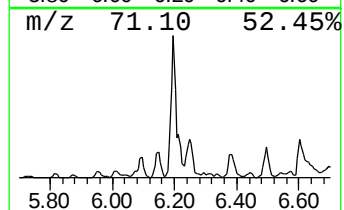
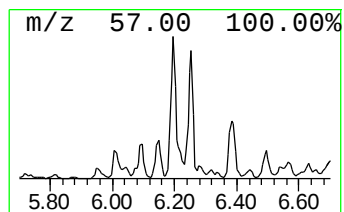
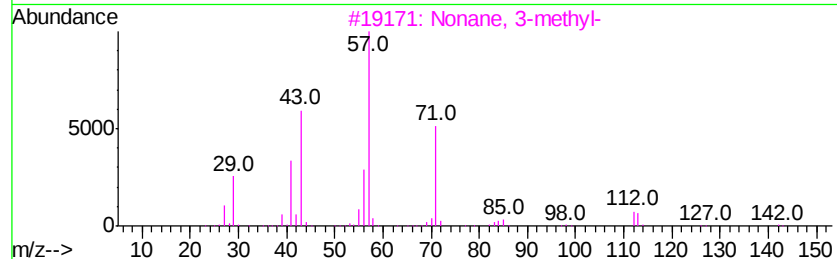
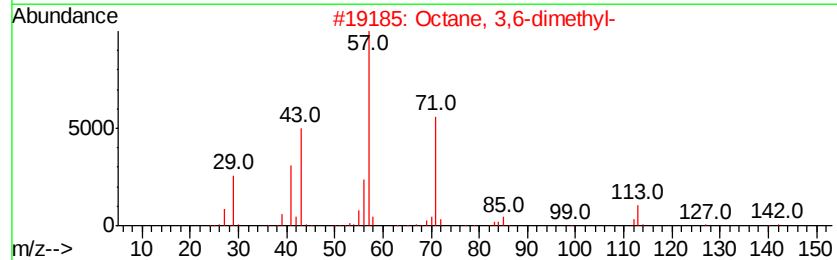
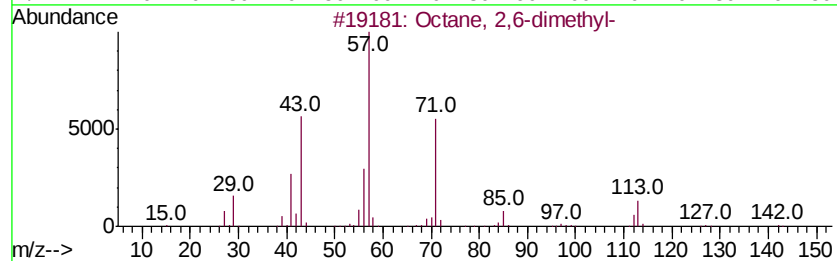
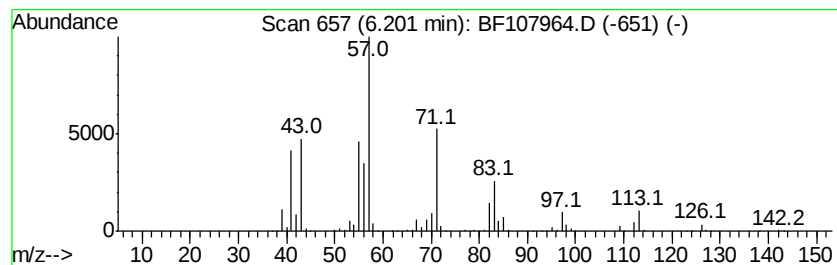
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	100.54 ng	6281800	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	91
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	86
3		Nonane, 3-methyl-	142	C10H22	005911-04-6	80
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	64
5		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64



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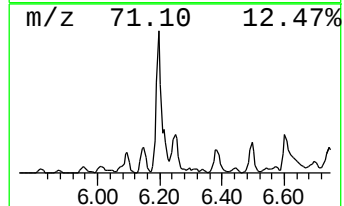
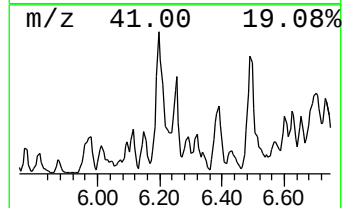
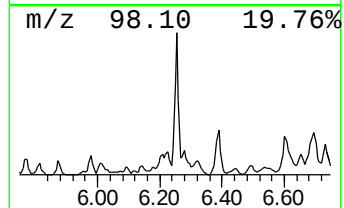
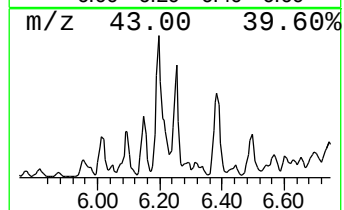
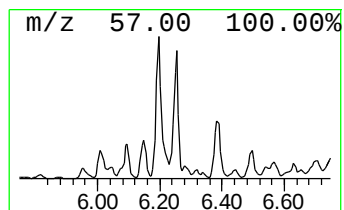
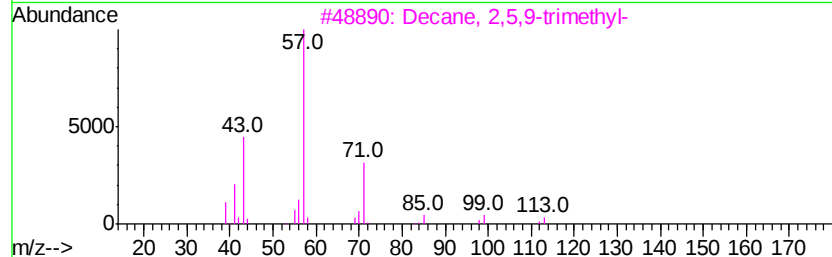
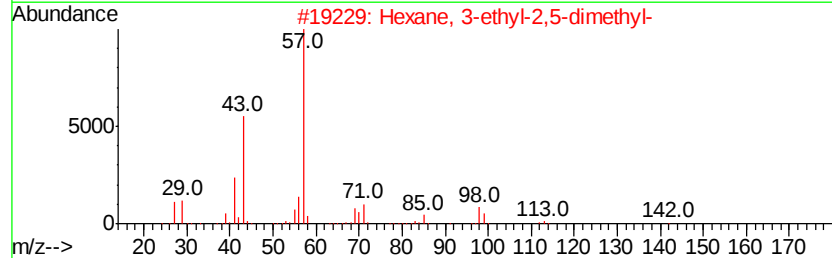
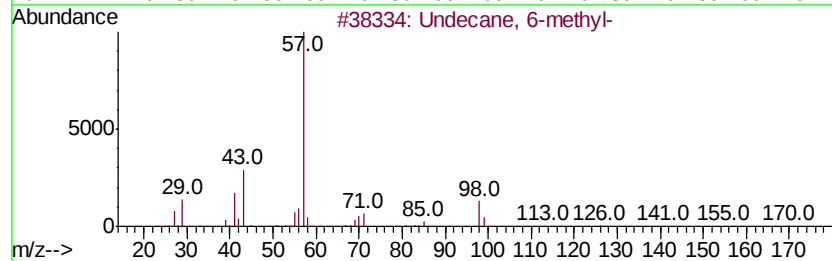
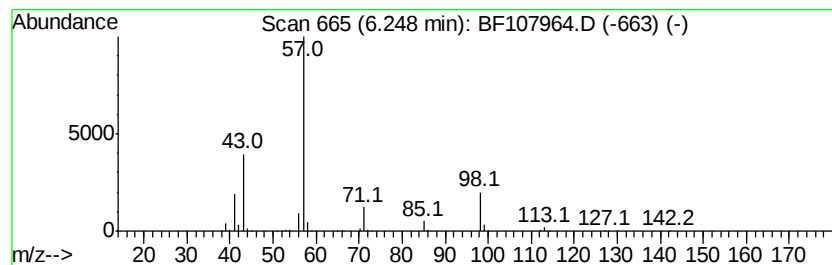
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Undecane, 6-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	30.33 ng	1895150	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	50
2		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	40
4		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	39
5		Heptane, 4-propyl-	142	C10H22	003178-29-8	36



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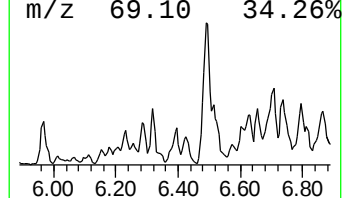
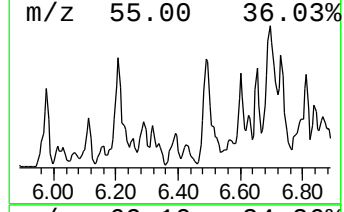
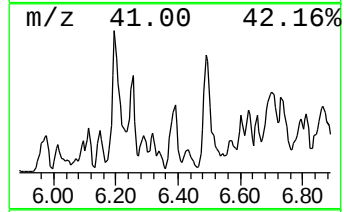
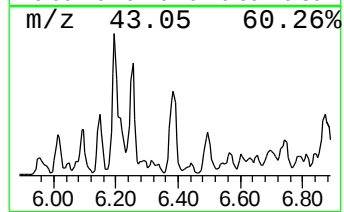
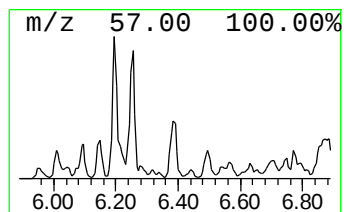
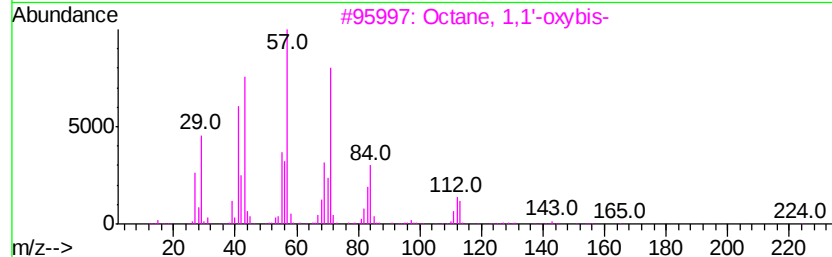
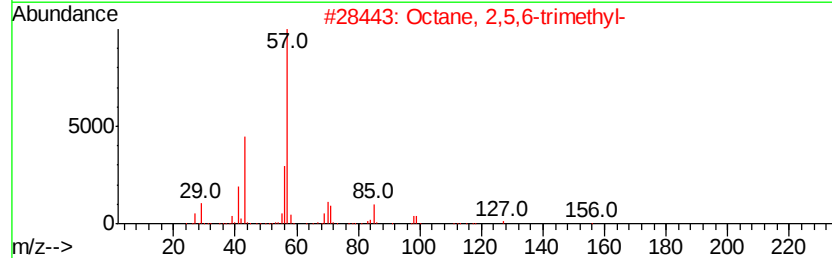
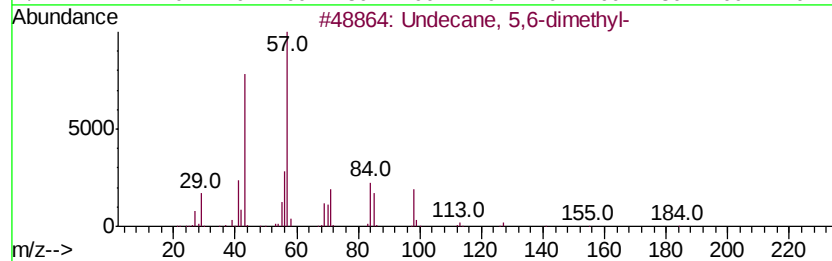
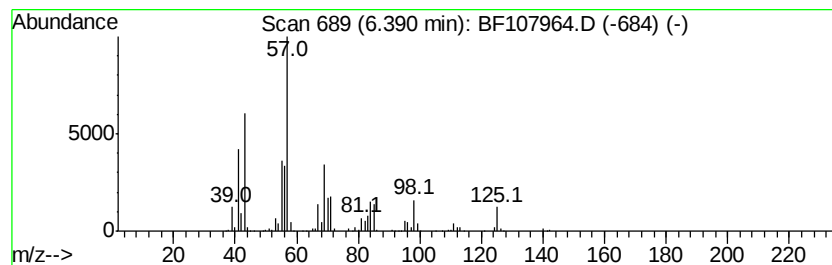
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Undecane, 5,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	46.52 ng	2906670	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	53
2		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	47
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	38
4		1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	38
5		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



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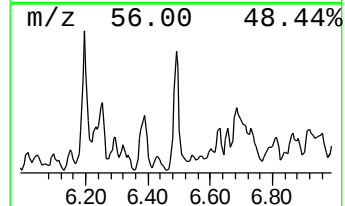
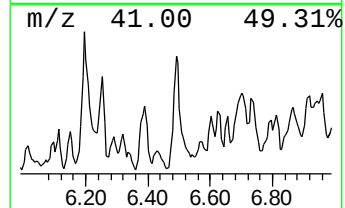
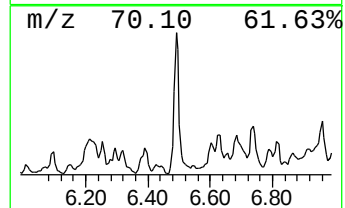
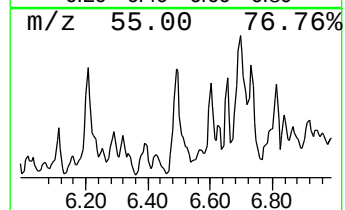
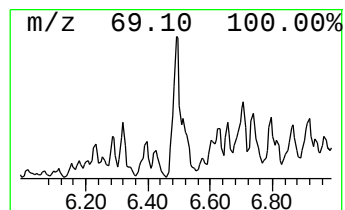
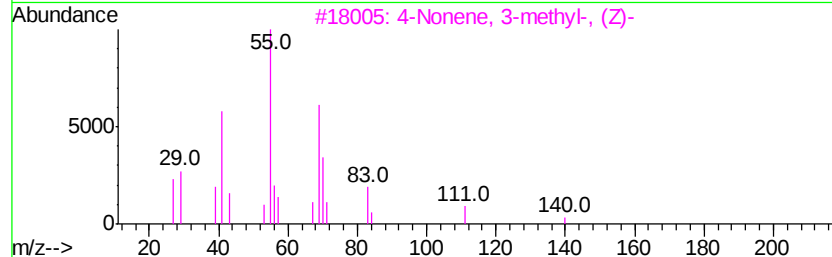
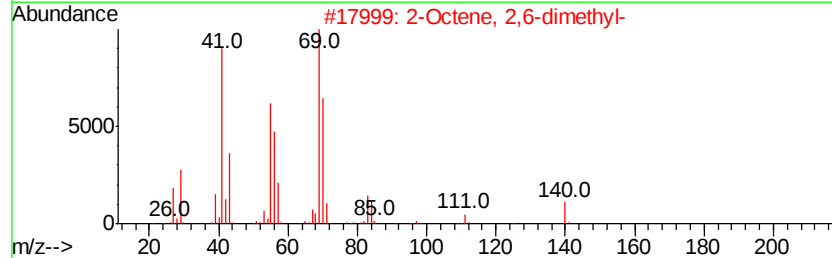
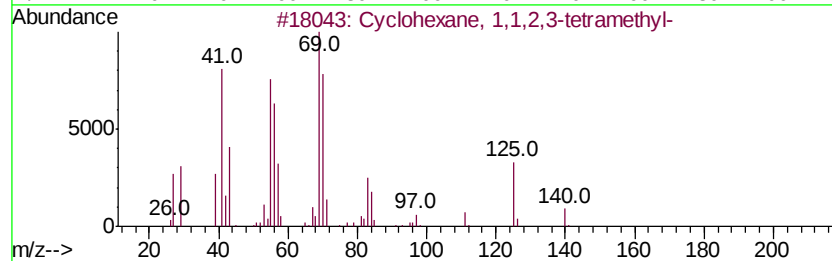
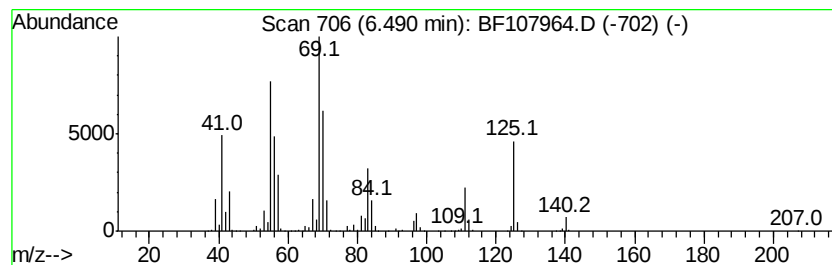
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,1,2,3-tetram... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	102.06 ng	6376810	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	93
2		2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	53
3		4-Nonene, 3-methyl-, (Z)-	140	C10H20	063830-69-3	52
4		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
5		Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-32-9	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
Operator : JU/SJ
Sample : J4297-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

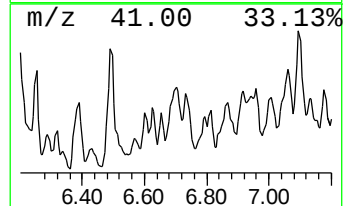
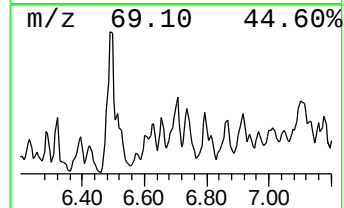
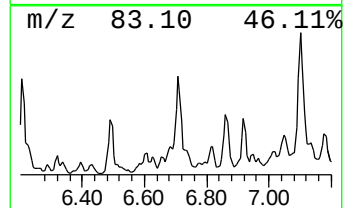
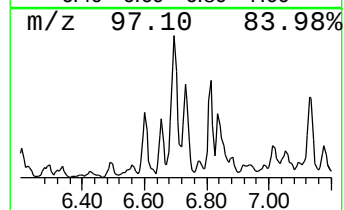
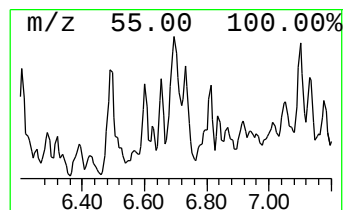
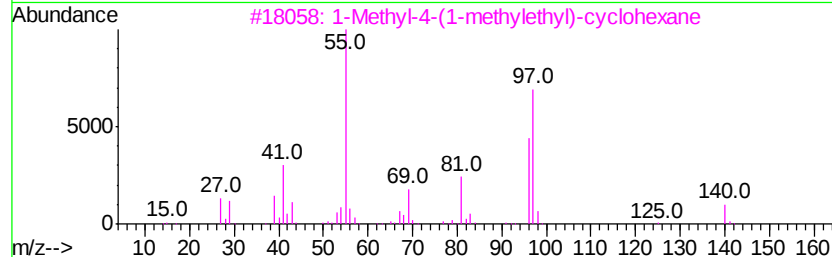
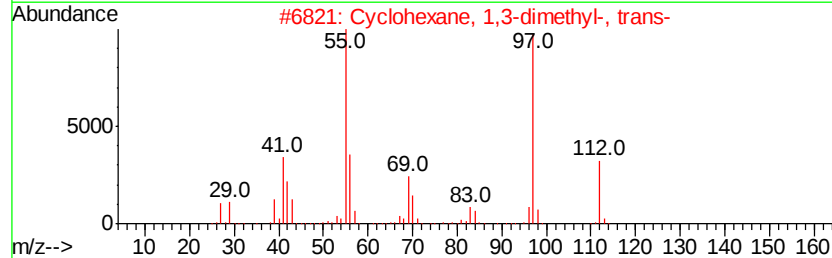
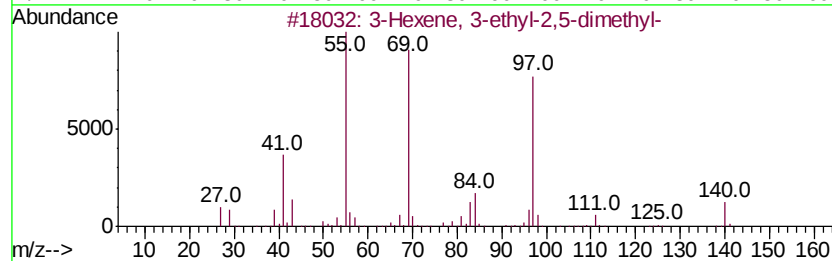
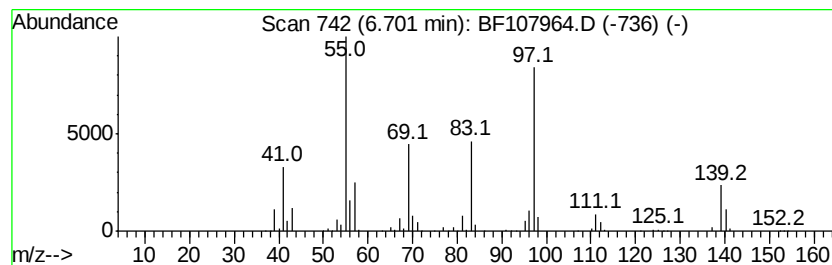
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 3-Hexene, 3-ethyl-2,5-dimet... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	56.13 ng	3507360	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexene, 3-ethyl-2,5-dimethyl-	140	C10H20	062338-08-3	58
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	50
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	49
4		Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	47
5		Cyclohexane, 1-methyl-4-(1-methy...	140	C10H20	006069-98-3	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
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Misc :
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ClientSampleId :
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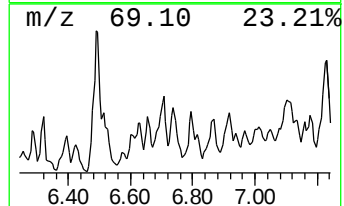
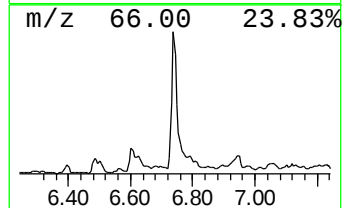
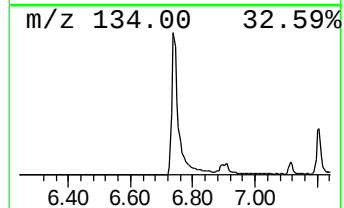
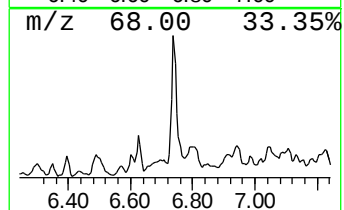
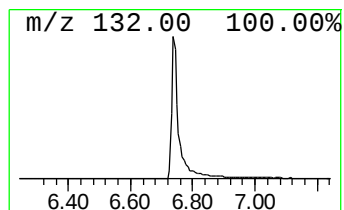
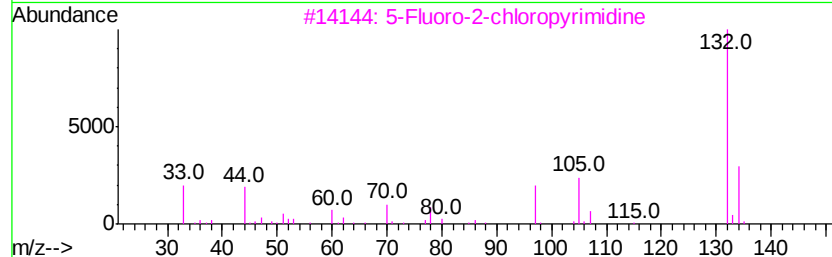
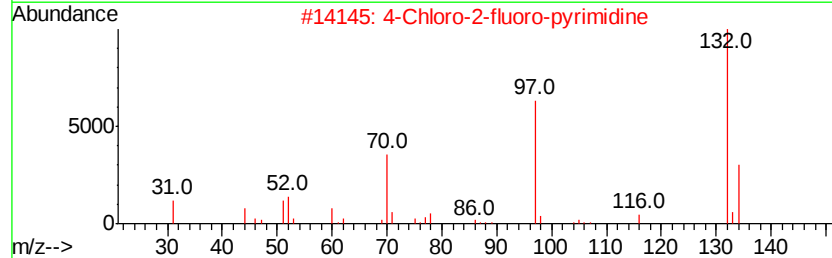
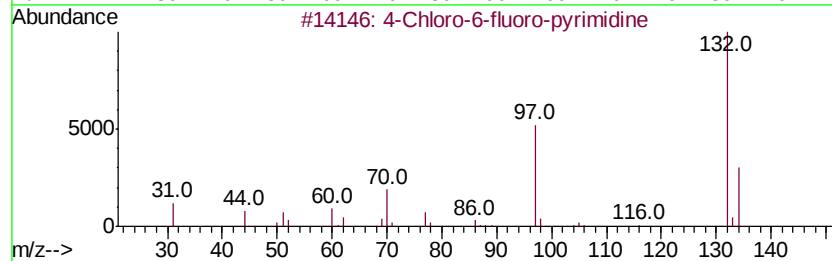
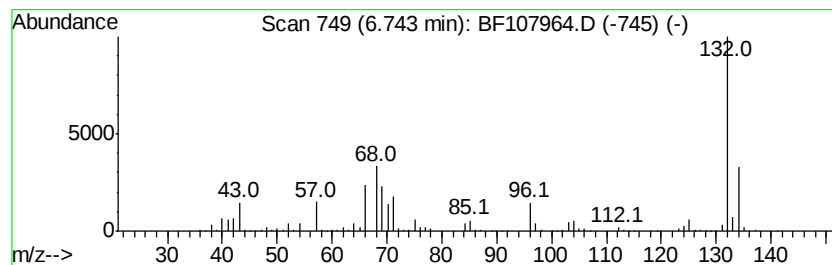
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 unknown6.74 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	59.10 ng	3692500	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	35
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	35
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	27
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	14
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
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Misc :
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Instrument :
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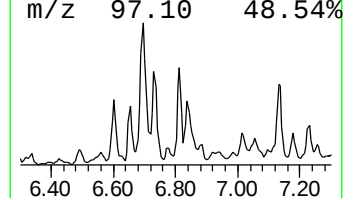
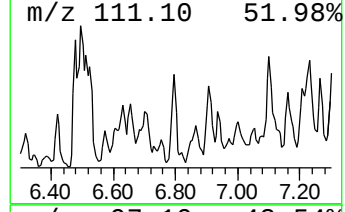
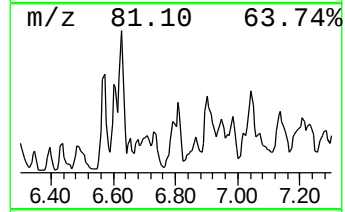
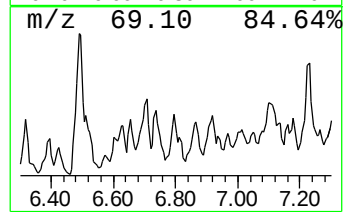
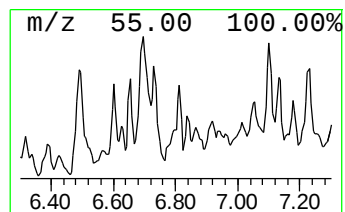
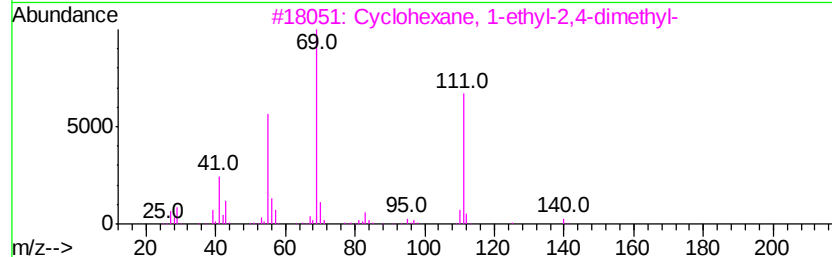
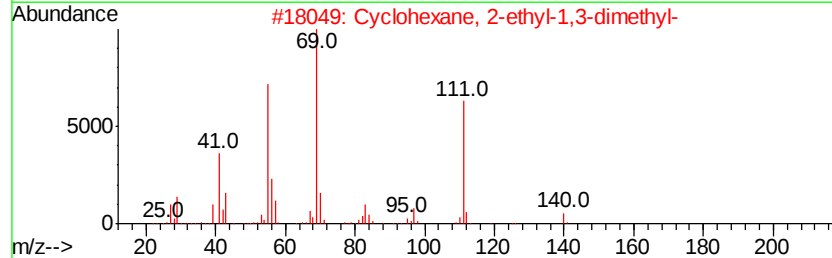
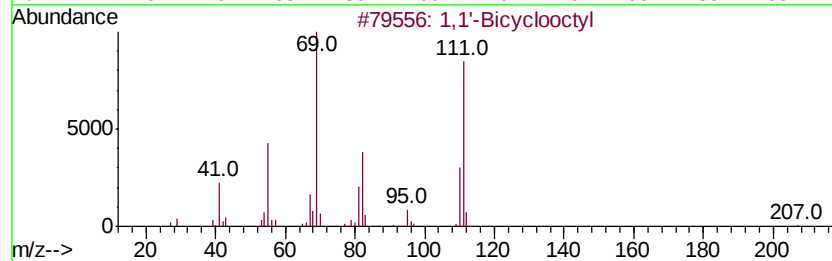
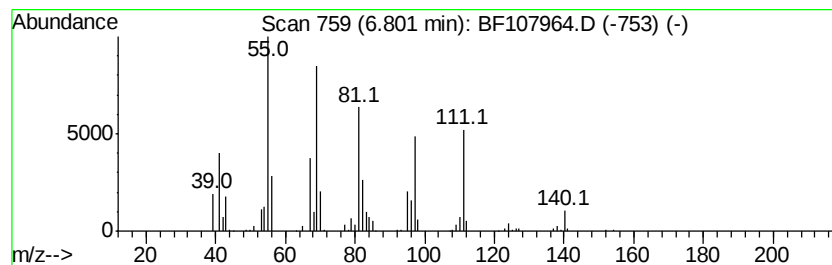
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown6.80 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	21.27 ng	1328780	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,1'-Bicyclooctyl	222	C16H30	006708-17-4	47
2		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	43
3		Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	43
4		Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	43
5		2-Hexene, 4-ethyl-2,3-dimethyl-	140	C10H20	1000149-19-7	43



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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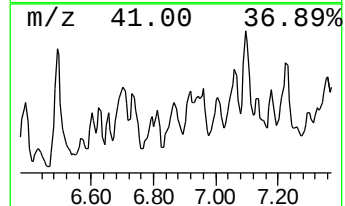
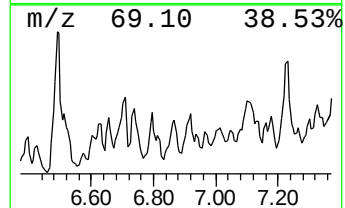
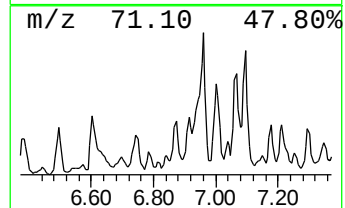
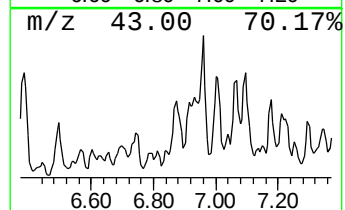
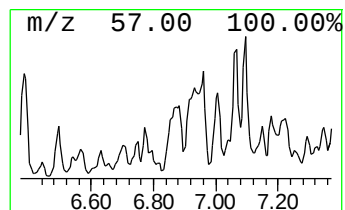
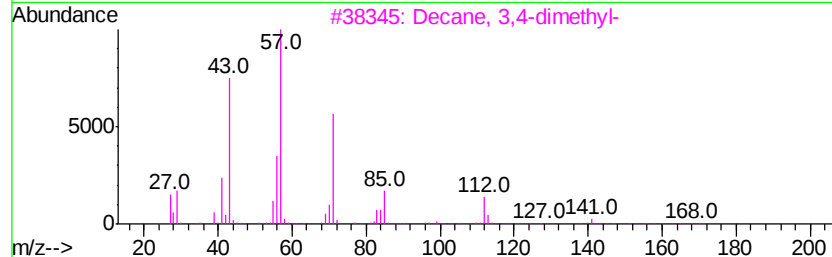
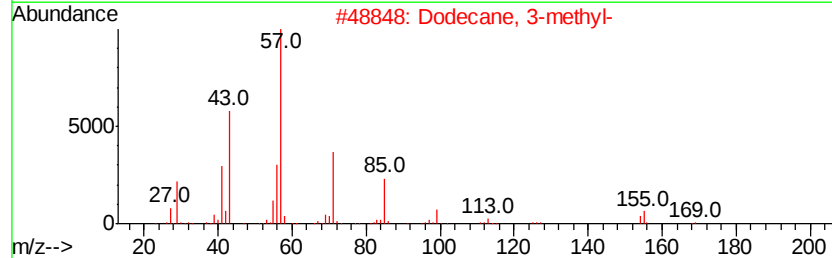
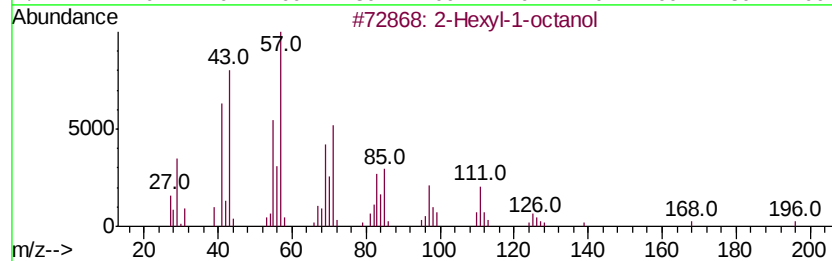
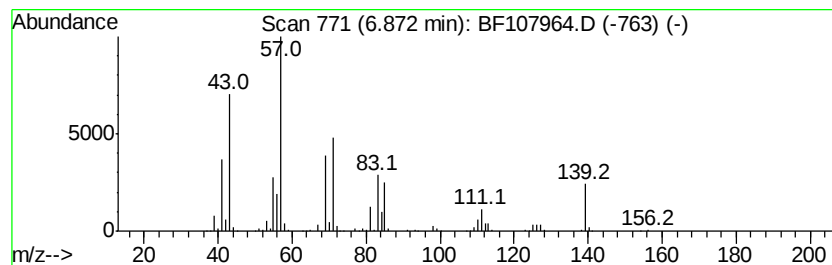
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 2-Hexyl-1-octanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.87	53.34 ng	3332740	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexyl-1-octanol	214	C14H30O	019780-79-1	59
2		Dodecane, 3-methyl-	184	C13H28	017312-57-1	38
3		Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	38
4		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	38
5		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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Misc :
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Instrument :
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ClientSampleId :
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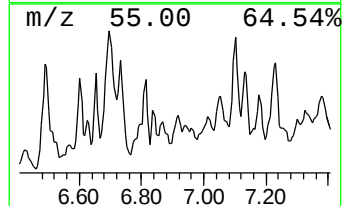
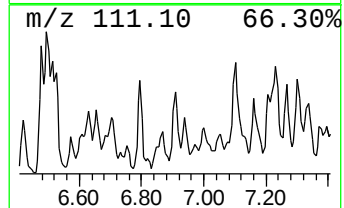
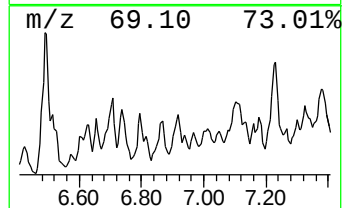
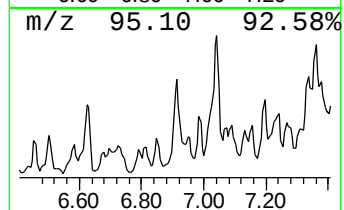
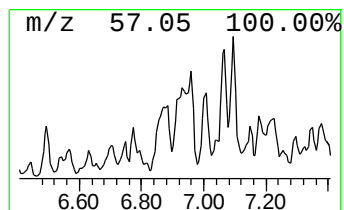
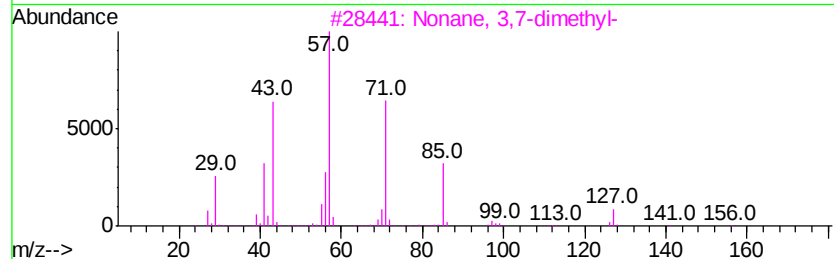
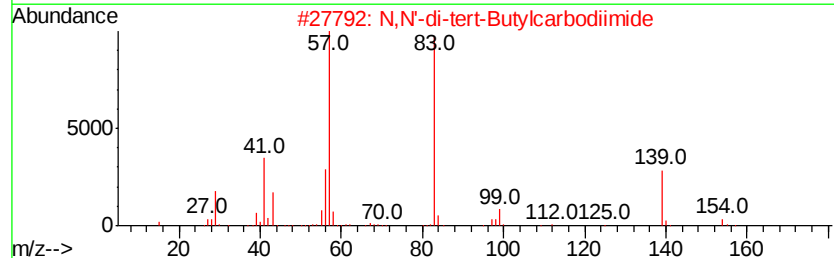
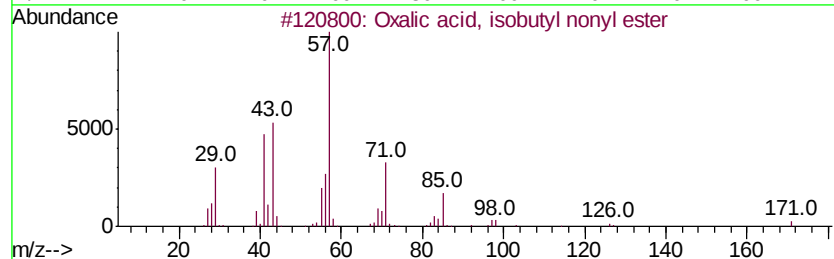
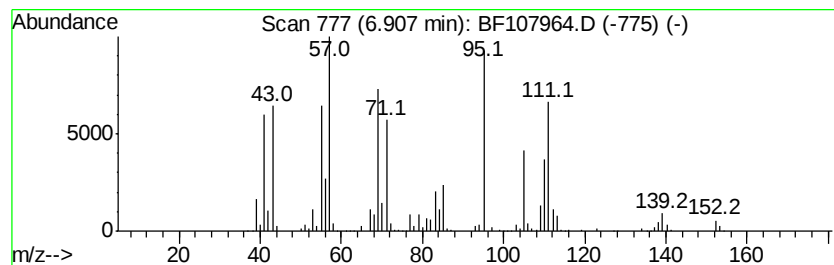
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown6.91 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	33.37 ng	2085060	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	27
2		N,N'-di-tert-Butylcarbodiimide	154	C9H18N2	000691-24-7	27
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	27
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	22
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	22



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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Misc :
ALS Vial : 29 Sample Multiplier: 1

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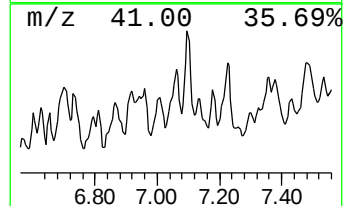
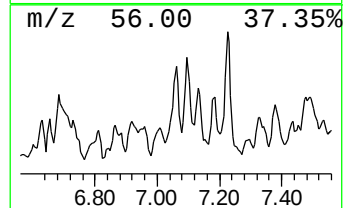
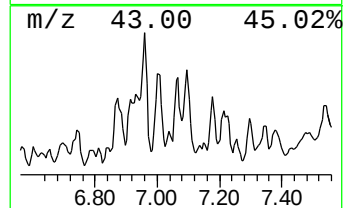
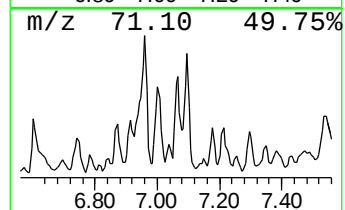
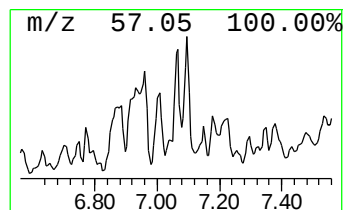
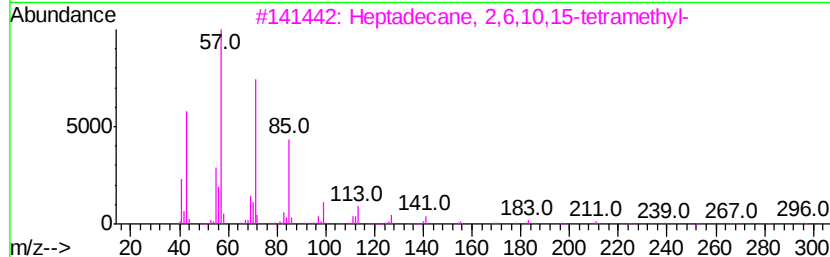
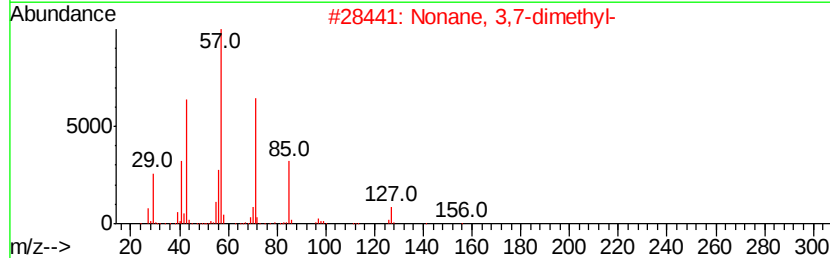
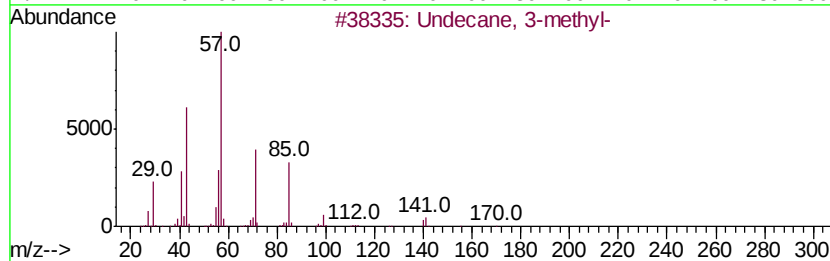
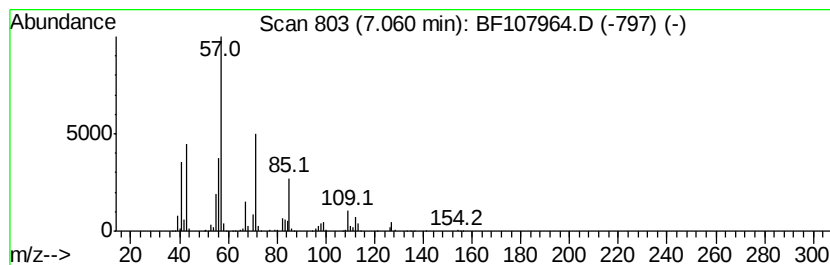
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Undecane, 3-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	42.00 ng	2624110	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	59
2		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	59
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	59
4		Decane, 3-methyl-	156	C11H24	013151-34-3	59
5		Tridecane	184	C13H28	000629-50-5	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
Operator : JU/SJ
Sample : J4297-06
Misc :
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Instrument :
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ClientSampleId :
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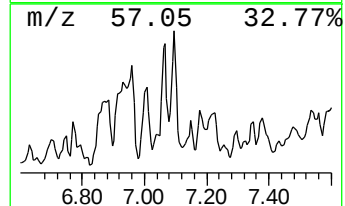
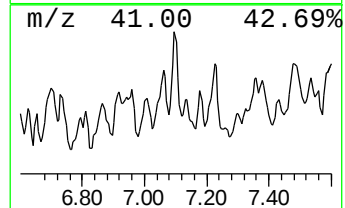
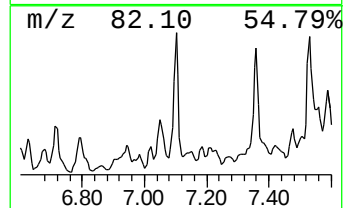
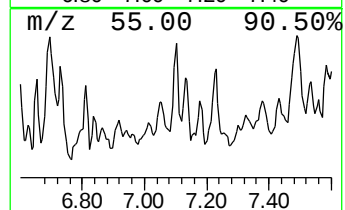
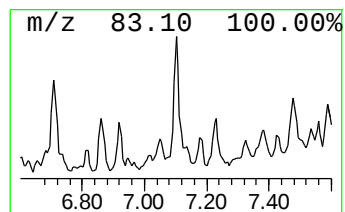
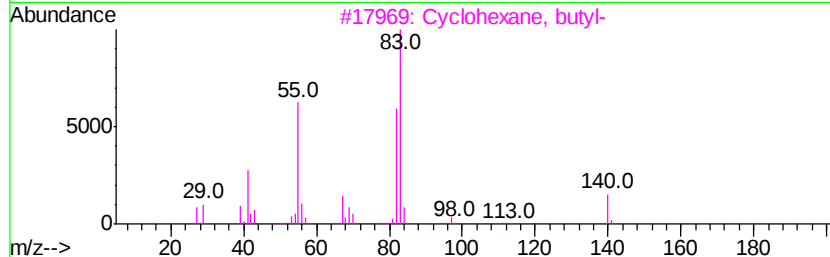
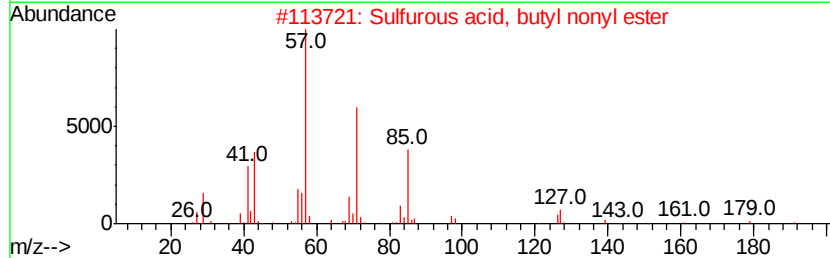
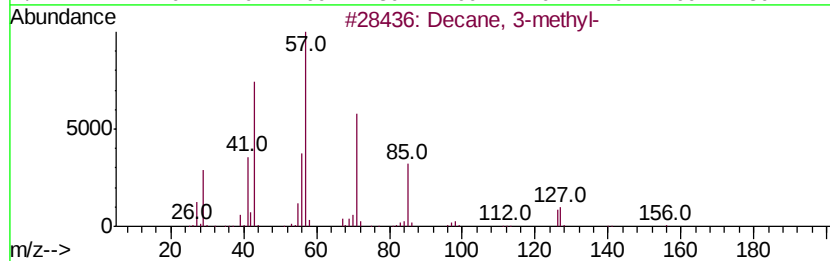
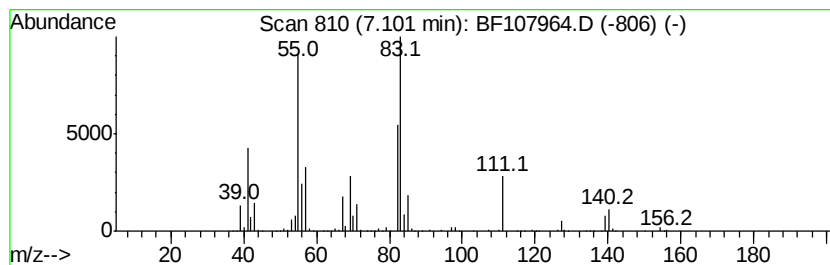
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 Decane, 3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	46.01 ng	2874770	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	50
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	35
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	30
4		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	30
5		1-Iodoundecane	282	C11H23I	004282-44-4	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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Instrument :
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ClientSampled :
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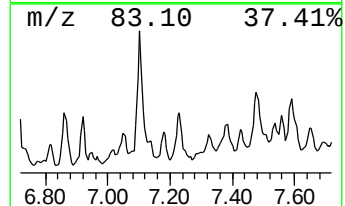
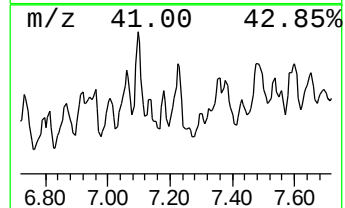
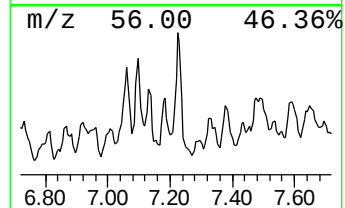
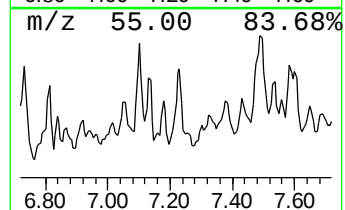
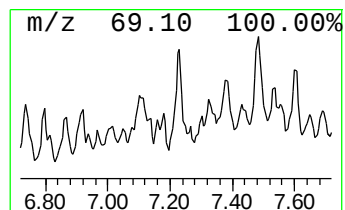
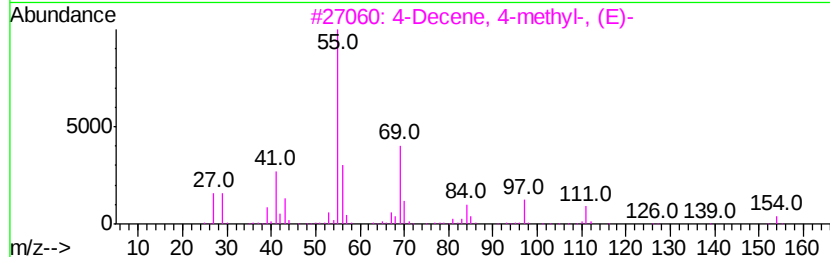
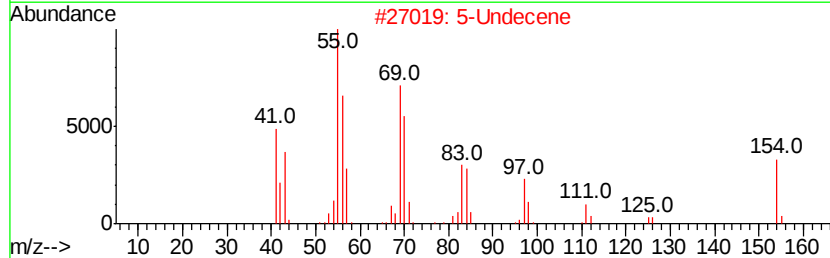
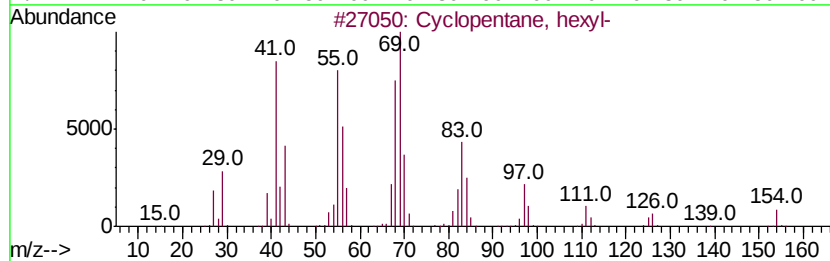
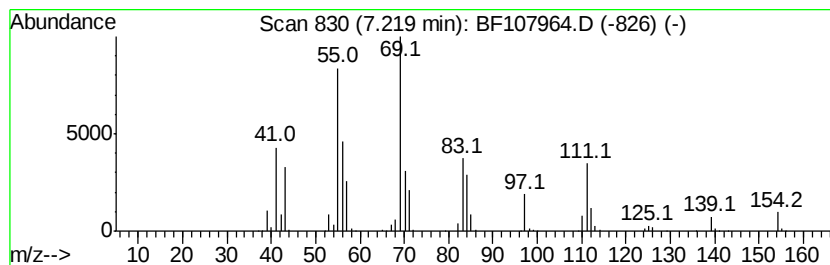
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Cyclopentane, hexyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	54.97 ng	3434590	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, hexyl-	154	C11H22	004457-00-5	91
2		5-Undecene	154	C11H22	004941-53-1	80
3		4-Decene, 4-methyl-, (E)-	154	C11H22	060366-66-7	53
4		4-Octene, 2,3,7-trimethyl-, [S-(...]	154	C11H22	052763-13-0	52
5		Cyclohexane, 1,1-dimethyl-2-propyl-	154	C11H22	081983-71-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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Sample : J4297-06
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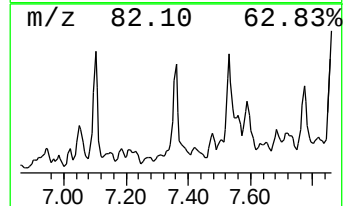
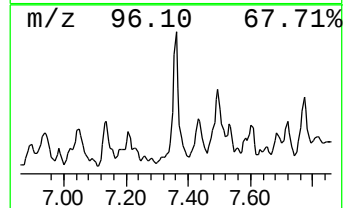
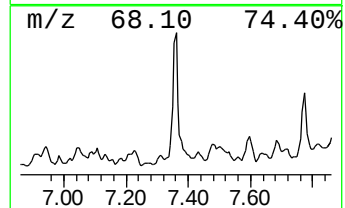
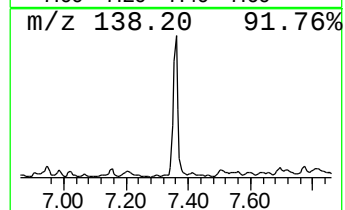
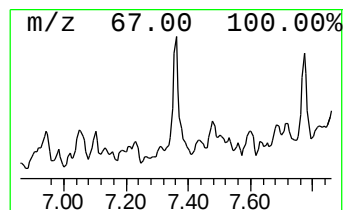
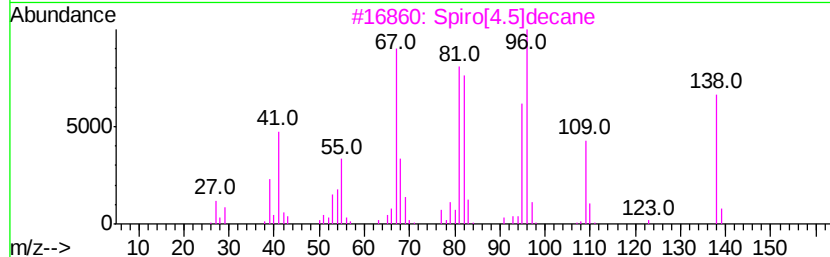
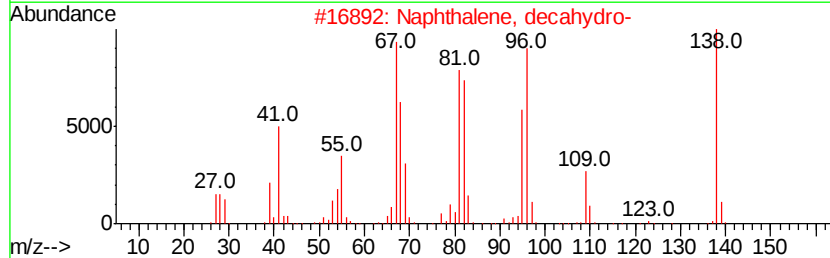
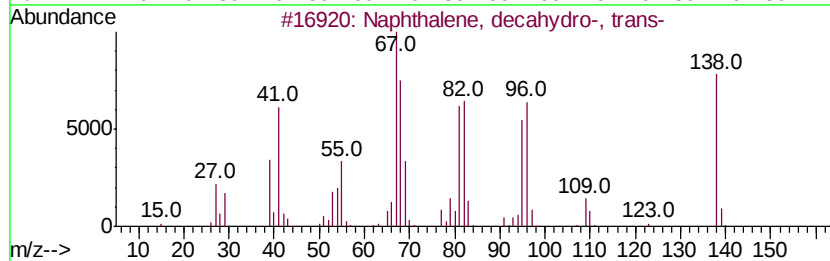
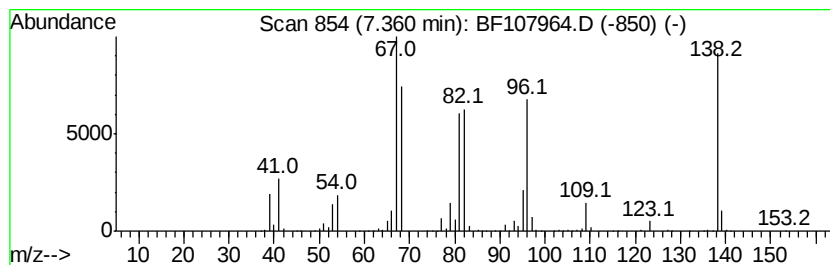
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, decahydro-, tr... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.36	25.41 ng	1587420	1,4-Dichlorobenzene-d4	6.97

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	93
3		Spiro[4.5]decane	138	C10H18	000176-63-6	58
4		Bicyclo[3.3.1]nonan-9-one	138	C9H14O	017931-55-4	52
5		Cyclohexane, methylene-	96	C7H12	001192-37-6	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
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Sample : J4297-06
Misc :
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Instrument :
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ClientSampleId :
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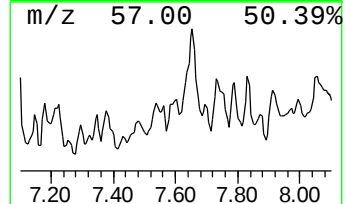
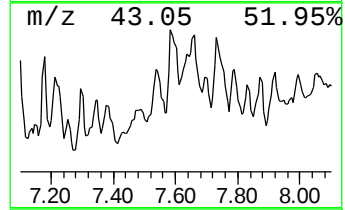
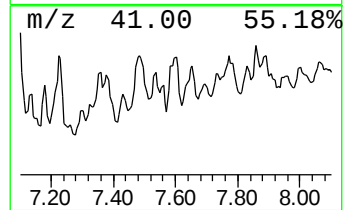
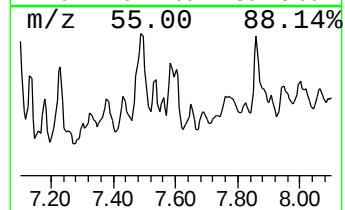
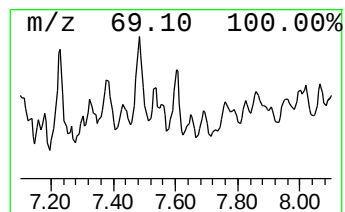
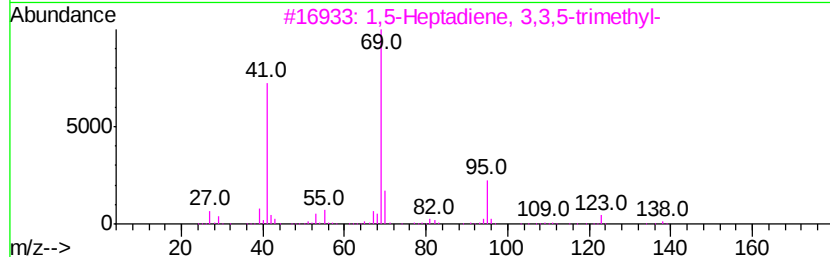
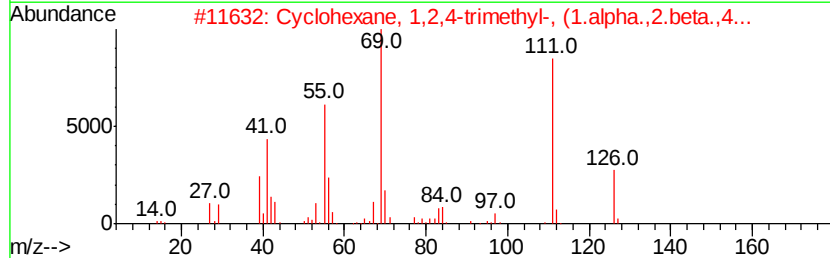
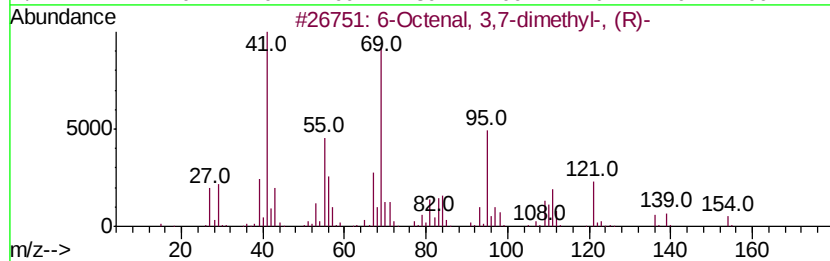
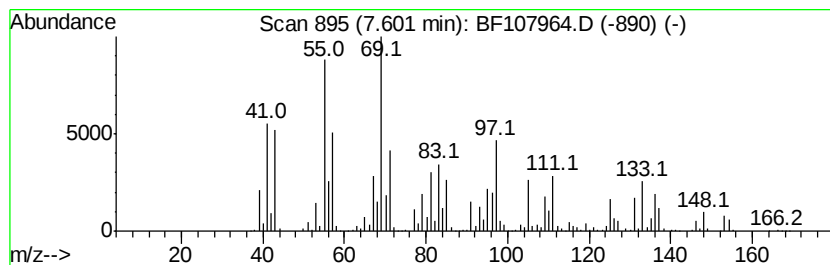
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown7.60 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	61.89 ng	3867160	1,4-Dichlorobenzene-d4	6.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			6-Octenal, 3,7-dimethyl-, (R)-	154	C10H18O	002385-77-5	22
2			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	22
3			1,5-Heptadiene, 3,3,5-trimethyl-	138	C10H18	074630-29-8	22
4			1-Octene, 3,3-dimethyl-	140	C10H20	074511-51-6	18
5			Cyclohexane, 1,2-diethyl-3-methyl-	154	C11H22	061141-80-8	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
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ClientSampleId :
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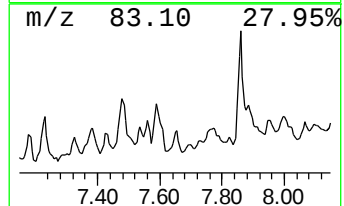
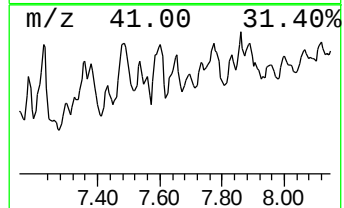
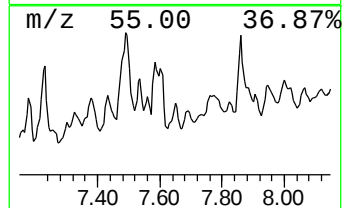
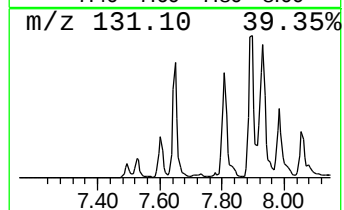
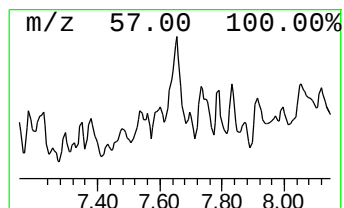
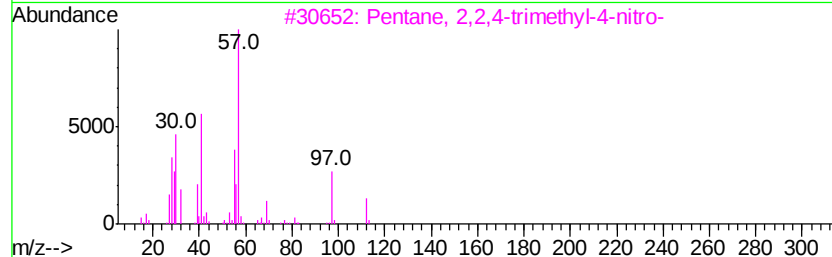
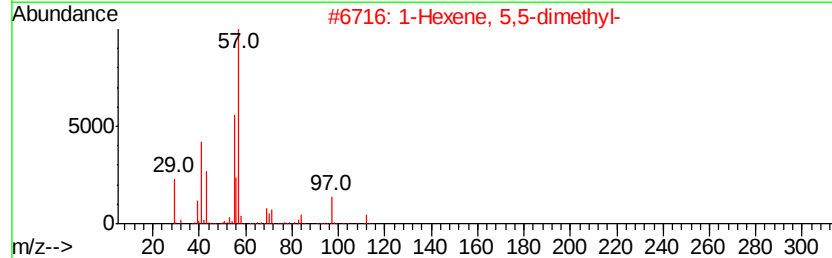
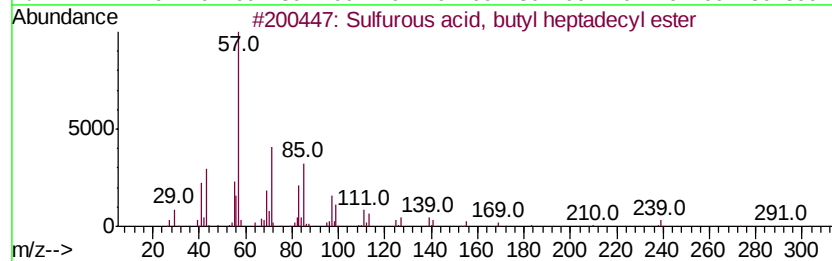
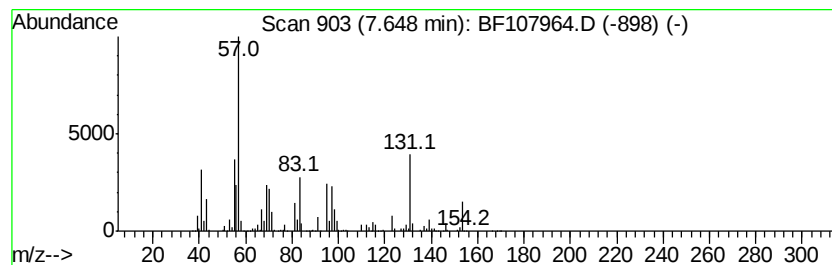
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 unknown7.65 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	55.44 ng	2406230	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	37
2		1-Hexene, 5,5-dimethyl-	112	C8H16	007116-86-1	27
3		Pentane, 2,2,4-trimethyl-4-nitro-	159	C8H17NO2	005342-78-9	27
4		Octane, 3-methyl-	128	C9H20	002216-33-3	25
5		2-Decene, 5-methyl-, (Z)-	154	C11H22	074645-86-6	22



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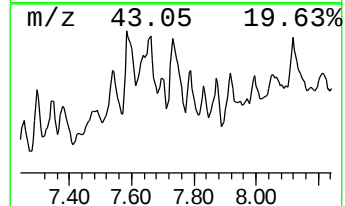
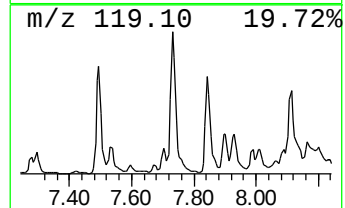
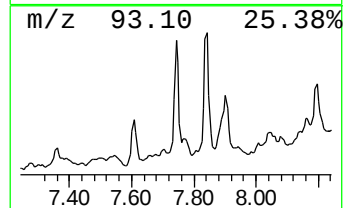
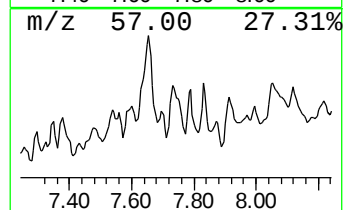
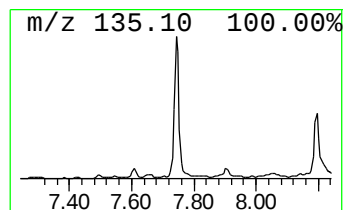
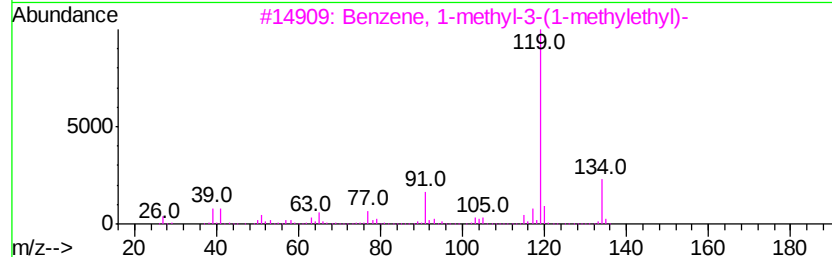
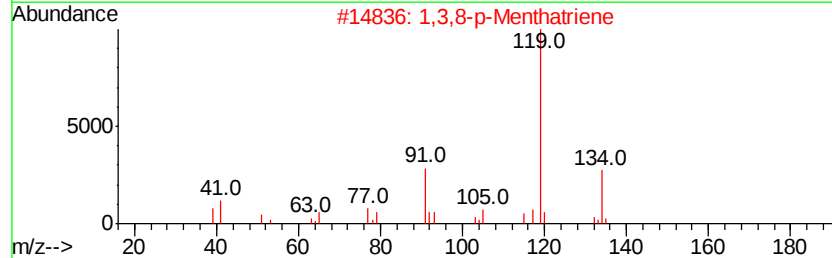
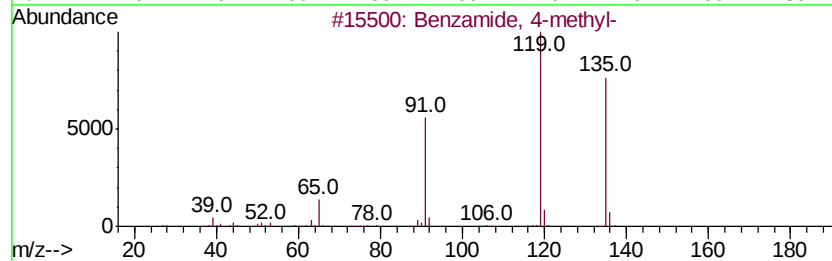
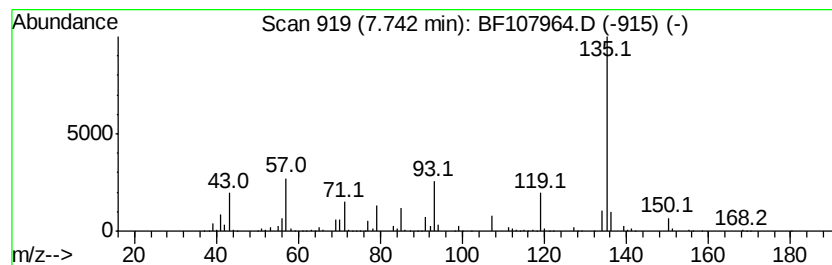
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 unknown7.74 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	30.72 ng	1333200	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzamide, 4-methyl-	135	C8H9NO	000619-55-6	46
2		1,3,8-p-Menthatriene	134	C10H14	018368-95-1	42
3		Benzene, 1-methyl-3-(1-methylethyl-)	134	C10H14	000535-77-3	42
4		p-Cymene	134	C10H14	000099-87-6	42
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42



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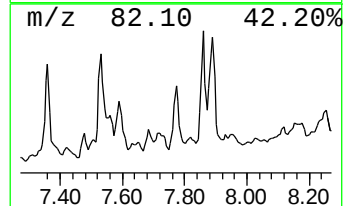
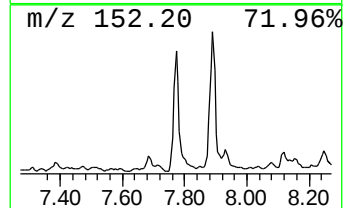
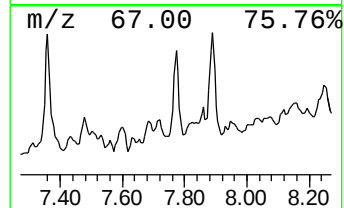
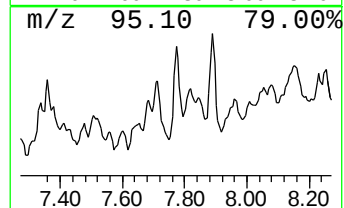
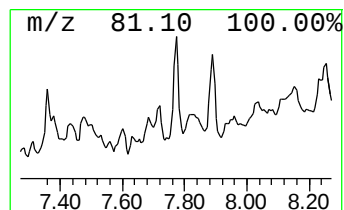
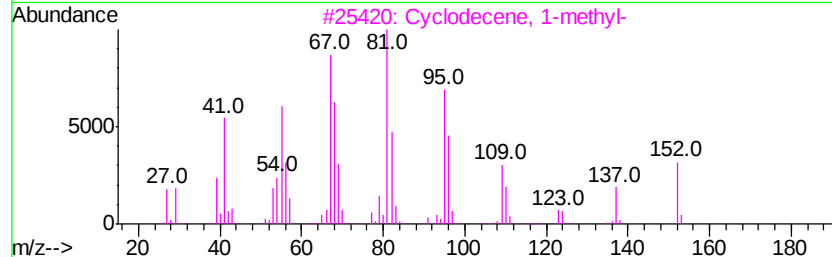
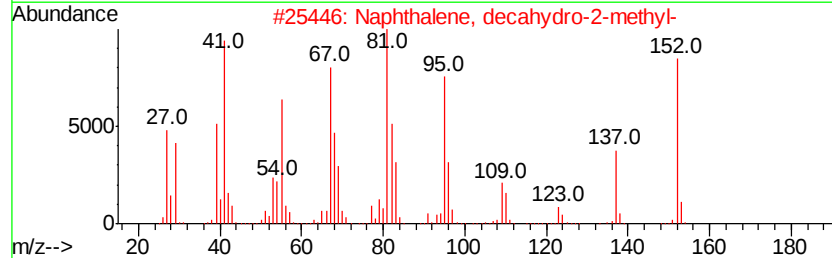
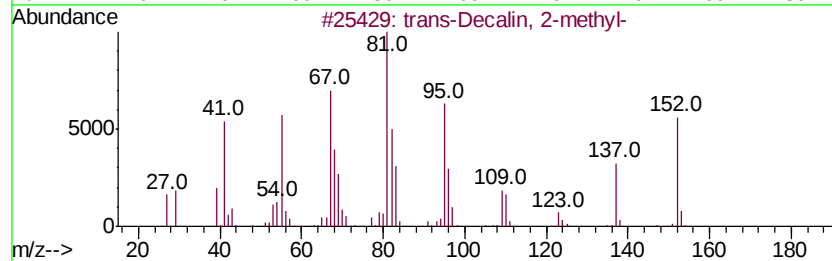
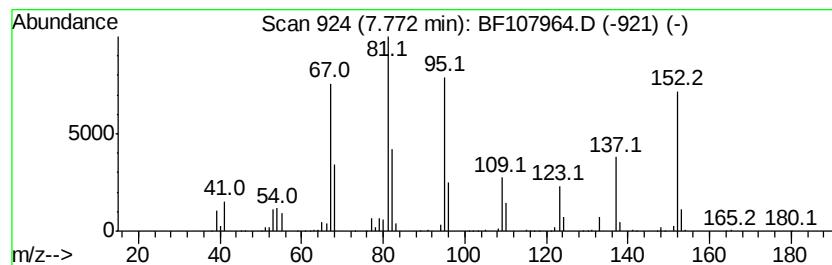
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 trans-Decalin, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	48.08 ng	2086810	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	94
2		Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	93
3		Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	80
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
Operator : JU/SJ
Sample : J4297-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

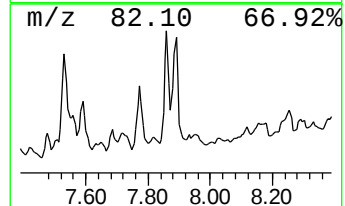
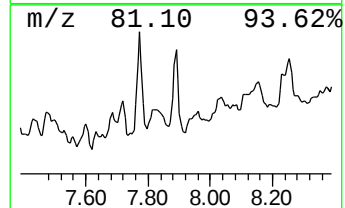
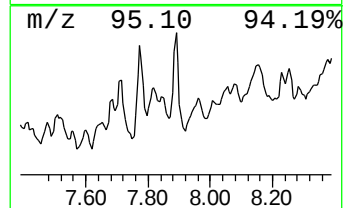
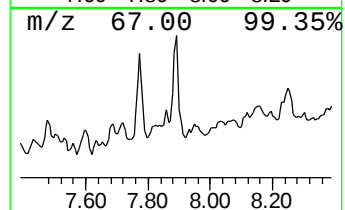
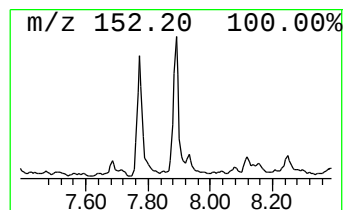
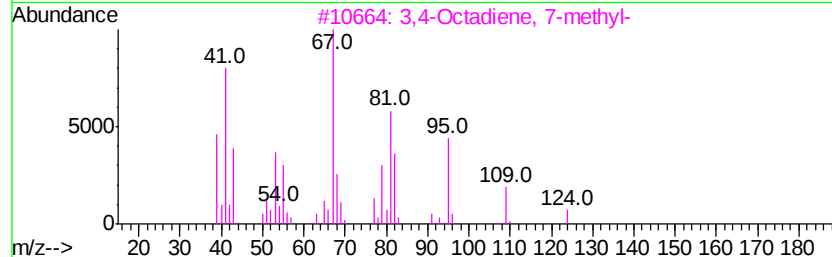
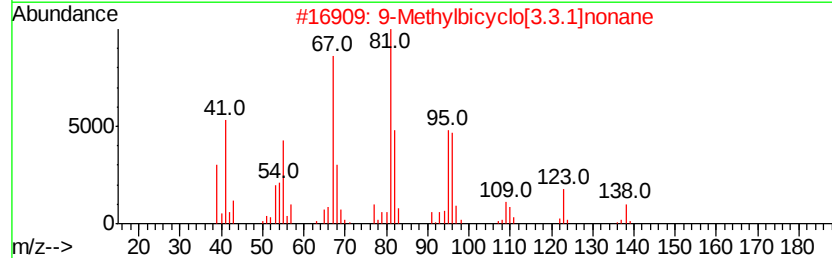
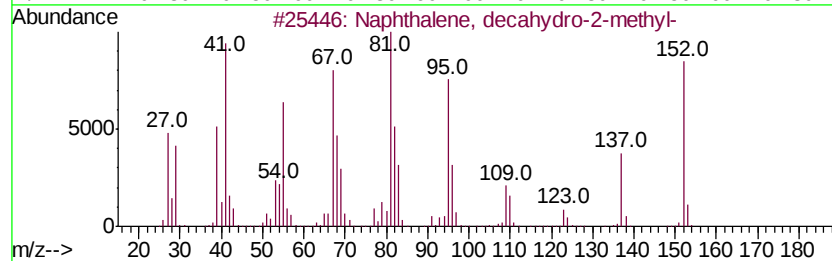
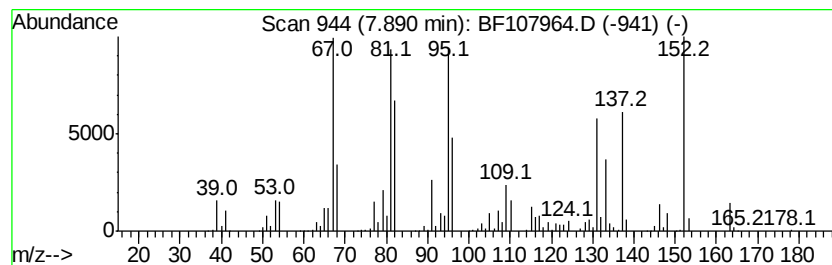
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Naphthalene, decahydro-2-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	57.17 ng	2480980	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	64
2		9-Methylbicyclo[3.3.1]nonane	138	C10H18	025107-01-1	55
3		3,4-Octadiene, 7-methyl-	124	C9H16	037050-05-8	49
4		Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	49
5		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080318\
Data File : BF107964.D
Acq On : 4 Aug 2018 3:39
Operator : JU/SJ
Sample : J4297-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-6

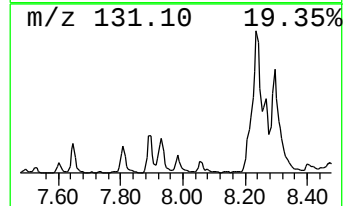
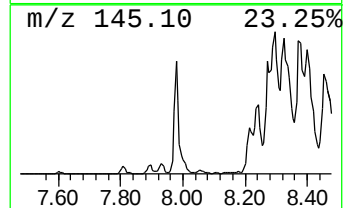
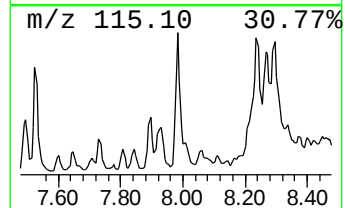
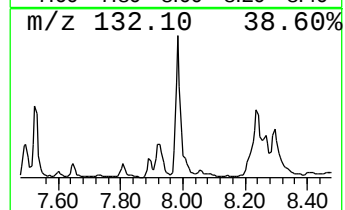
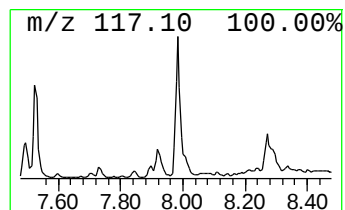
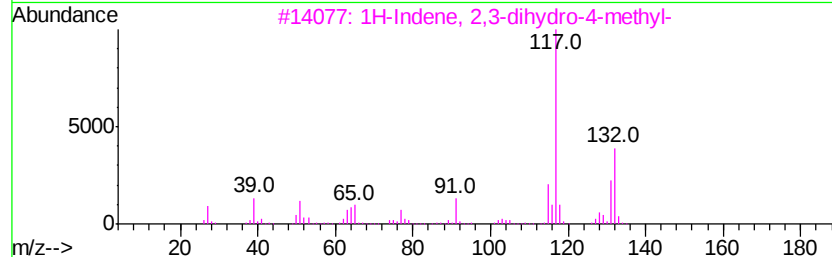
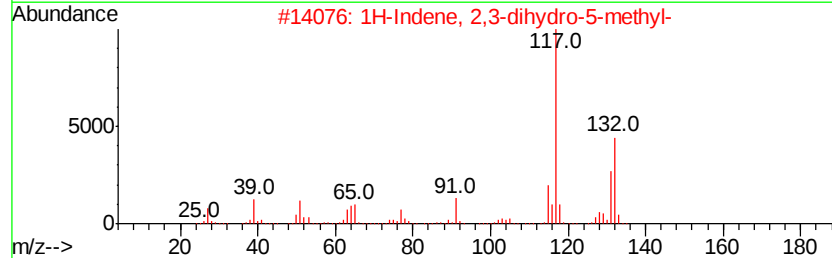
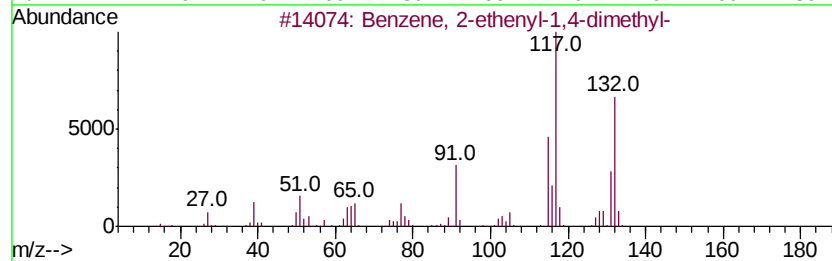
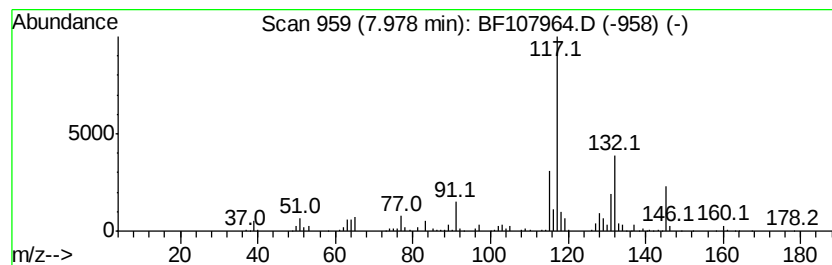
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	20.00 ng	867985	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	92
2		1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	90
3		1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	87
4		3-Phenylbut-1-ene	132	C10H12	000934-10-1	83
5		1-Phenyl-1-butene	132	C10H12	000824-90-8	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080318\
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 Acq On : 4 Aug 2018 3:39
 Operator : JU/SJ
 Sample : J4297-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-6

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Cyclohexane, 1-et...	5.98	34.3	ng	2142840	1	6.97	1249680	20.0
Octane, 2,6-dimet...	6.20	100.5	ng	6281800	1	6.97	1249680	20.0
Undecane, 6-methyl-	6.25	30.3	ng	1895150	1	6.97	1249680	20.0
Undecane, 5,6-dim...	6.39	46.5	ng	2906670	1	6.97	1249680	20.0
Cyclohexane, 1,1,...	6.49	102.1	ng	6376810	1	6.97	1249680	20.0
3-Hexene, 3-ethyl...	6.70	56.1	ng	3507360	1	6.97	1249680	20.0
unknown6.74	6.74	59.1	ng	3692500	1	6.97	1249680	20.0
unknown6.80	6.80	21.3	ng	1328780	1	6.97	1249680	20.0
2-Hexyl-1-octanol	6.87	53.3	ng	3332740	1	6.97	1249680	20.0
unknown6.91	6.91	33.4	ng	2085060	1	6.97	1249680	20.0
Undecane, 3-methyl-	7.06	42.0	ng	2624110	1	6.97	1249680	20.0
Decane, 3-methyl-	7.10	46.0	ng	2874770	1	6.97	1249680	20.0
Cyclopentane, hexyl-	7.22	55.0	ng	3434590	1	6.97	1249680	20.0
Naphthalene, deca...	7.36	25.4	ng	1587420	1	6.97	1249680	20.0
unknown7.60	7.60	61.9	ng	3867160	1	6.97	1249680	20.0
unknown7.65	7.65	55.4	ng	2406230	2	8.25	867985	20.0
unknown7.74	7.74	30.7	ng	1333200	2	8.25	867985	20.0
trans-Decalin, 2-...	7.77	48.1	ng	2086810	2	8.25	867985	20.0
Naphthalene, deca...	7.89	57.2	ng	2480980	2	8.25	867985	20.0
Benzene, 2-etheny...	7.98	20.0	ng	867985	2	8.25	867985	20.0