

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
 Data File : BF099740.D
 Acq On : 21 Oct 2017 20:58
 Operator : SJ/JU
 Sample : I6040-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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	3.210	179	191	198	rBB4	22621	62499	1.39%	0.122%
2	3.404	215	224	231	rBB3	34978	75604	1.68%	0.148%
3	3.646	258	265	278	rVB2	37510	99656	2.21%	0.195%
4	3.793	279	290	295	rBV4	78200	194100	4.31%	0.380%
5	3.846	295	299	304	rVB	32076	50956	1.13%	0.100%
6	3.922	304	312	318	rBV2	96611	190402	4.22%	0.373%
7	4.075	330	338	343	rBV2	254396	403902	8.96%	0.791%
8	4.128	343	347	358	rVB	125113	176201	3.91%	0.345%
9	4.228	358	364	368	rBV2	112900	169450	3.76%	0.332%
10	4.281	368	373	381	rVB3	91939	179140	3.97%	0.351%
11	4.422	391	397	407	rBV2	303362	450774	10.00%	0.883%
12	4.528	407	415	422	rBV	219288	287028	6.37%	0.562%
13	4.616	428	430	437	rVB	80721	96728	2.15%	0.189%
14	4.681	437	441	445	rBV	97348	115928	2.57%	0.227%
15	4.728	445	449	453	rBV	218827	249889	5.54%	0.489%
16	4.775	453	457	460	rVB	65791	68114	1.51%	0.133%
17	4.840	464	468	474	rVV	563244	688133	15.27%	1.348%
18	4.893	474	477	479	rVV2	144567	184746	4.10%	0.362%
19	4.928	479	483	485	rVV	628521	962082	21.34%	1.884%
20	4.946	485	486	491	rVV2	521270	474513	10.53%	0.929%
21	5.004	491	496	500	rVV	1084192	1430345	31.73%	2.801%
22	5.063	504	506	510	rVV	293686	357833	7.94%	0.701%
23	5.110	511	514	515	rVV	96515	100909	2.24%	0.198%
24	5.134	515	518	525	rVB2	244180	313626	6.96%	0.614%
25	5.204	525	530	533	rBV2	1116085	1403544	31.14%	2.748%
26	5.240	533	536	540	rVV2	352528	560521	12.44%	1.098%
27	5.293	540	545	547	rVV	773584	835037	18.53%	1.635%
28	5.316	547	549	551	rVV	252547	236323	5.24%	0.463%
29	5.363	554	557	559	rVV	283759	346117	7.68%	0.678%
30	5.393	559	562	565	rVV	917619	1005968	22.32%	1.970%
31	5.434	567	569	576	rVV	776926	993366	22.04%	1.945%
32	5.493	576	579	581	rVV	528537	576145	12.78%	1.128%
33	5.540	584	587	589	rVV	149313	162589	3.61%	0.318%
34	5.575	589	593	598	rVV3	907701	1597983	35.45%	3.129%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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35	5.616	598	600	603	rVV	1248952	1280992	28.42%	2.508%
36	5.663	603	608	614	rVV2	928940	1725096	38.27%	3.378%
37	5.728	616	619	623	rVB	369290	406326	9.01%	0.796%
38	5.828	630	636	640	rBV4	1420010	2356658	52.29%	4.615%
39	5.875	640	644	647	rBV4	692215	1125922	24.98%	2.205%
40	5.963	652	659	664	rBV2	1446113	2144191	47.57%	4.199%
41	6.010	664	667	670	rBV2	535033	684060	15.18%	1.340%
42	6.063	672	676	682	rBV3	2666880	4507296	100.00%	8.826%
43	6.116	682	685	688	rVV	1291692	1529520	33.93%	2.995%
44	6.151	688	691	694	rVB4	289821	476406	10.57%	0.933%
45	6.251	703	708	711	rBV	1674485	2183146	48.44%	4.275%
46	6.292	712	715	716	rVV3	681885	640151	14.20%	1.254%
47	6.316	716	719	721	rVV	1536823	1518497	33.69%	2.974%
48	6.345	721	724	732	rVV5	1515569	3337361	74.04%	6.535%
49	6.404	732	734	736	rVB	481311	405242	8.99%	0.794%
50	6.463	742	744	746	rBV2	726360	700563	15.54%	1.372%
51	6.487	746	748	751	rVV2	723117	678423	15.05%	1.329%
52	6.563	755	761	764	rBV5	1181830	2449896	54.35%	4.797%
53	6.592	764	766	773	rVB4	1175478	1719960	38.16%	3.368%
54	6.651	774	776	778	rBV3	381742	440693	9.78%	0.863%
55	6.840	804	808	811	rBV2	1166782	1720737	38.18%	3.370%
56	6.969	827	830	834	rBV3	940878	1618605	35.91%	3.170%
57	7.098	849	852	855	rBV2	844367	1134657	25.17%	2.222%
58	14.010	2024	2027	2033	rVB2	467146	648541	14.39%	1.270%
59	15.451	2268	2272	2285	rVB	396528	533364	11.83%	1.044%

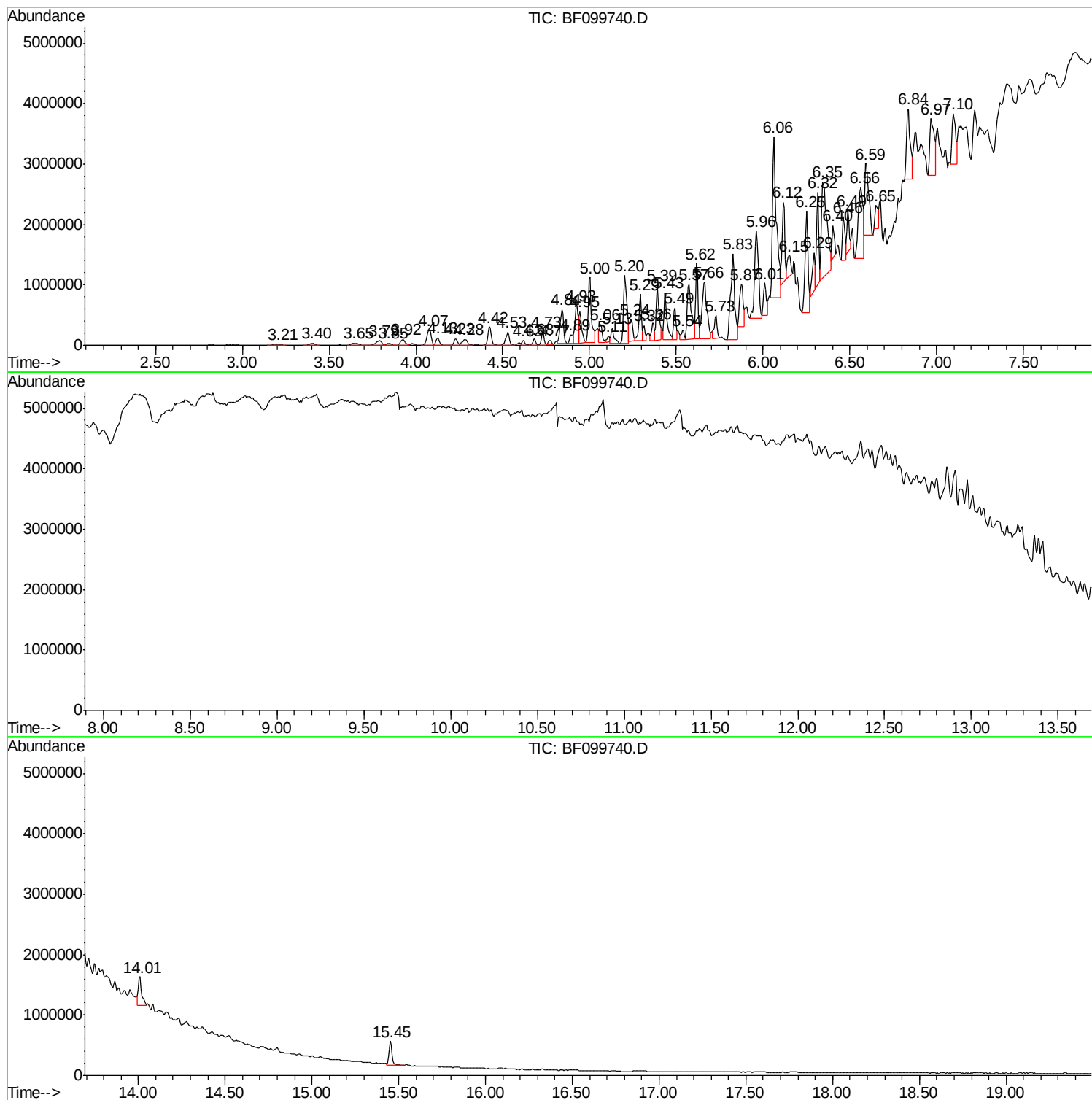
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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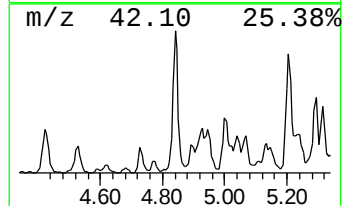
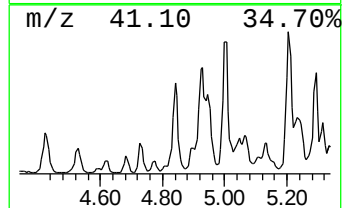
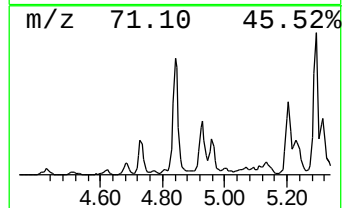
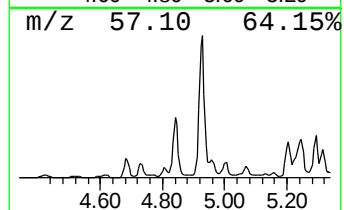
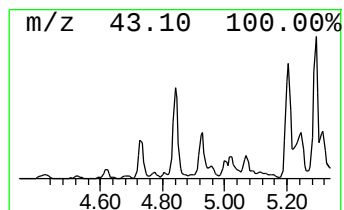
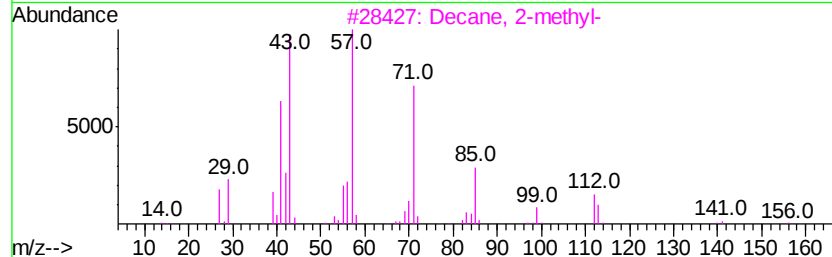
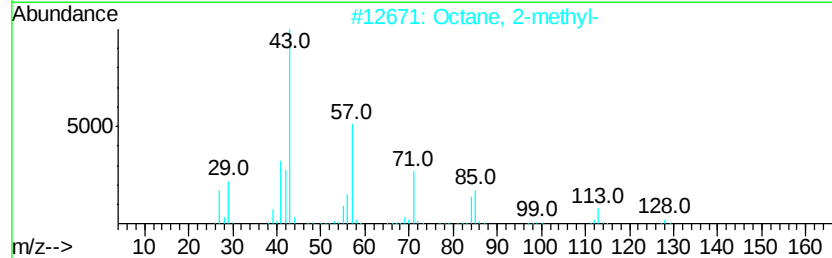
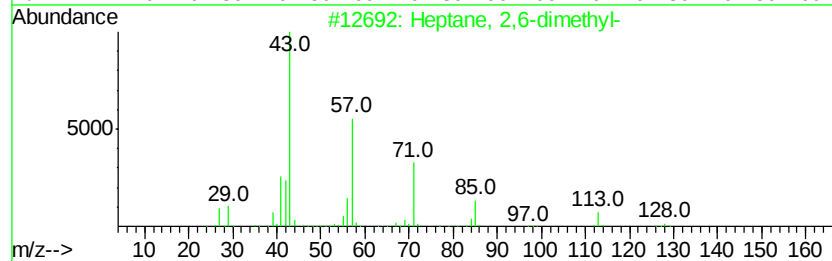
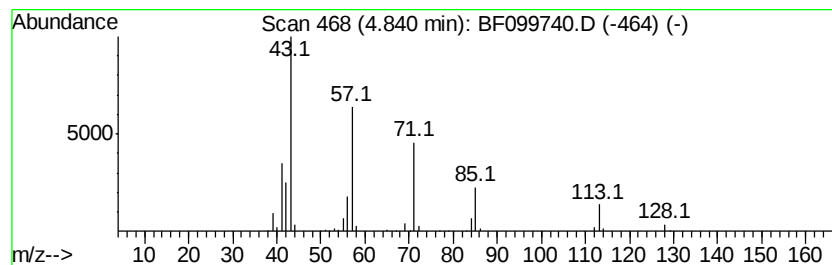
Instrument :
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ClientSampleId :
MW-1

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Heptane, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
4.84	8.00 ng	688133	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	91
2	Octane, 2-methyl-	128	C9H20	003221-61-2	74
3	Decane, 2-methyl-	156	C11H24	006975-98-0	72
4	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53
5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	53



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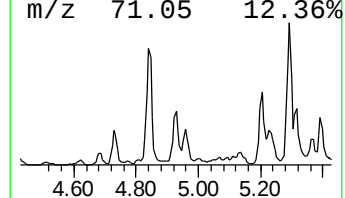
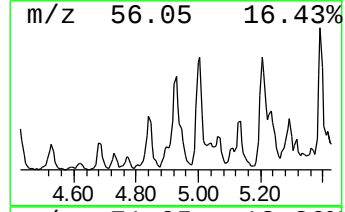
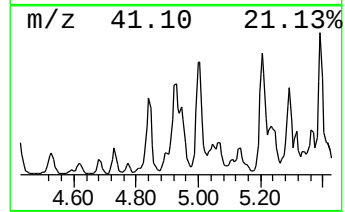
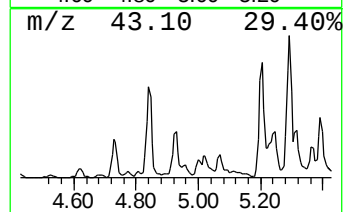
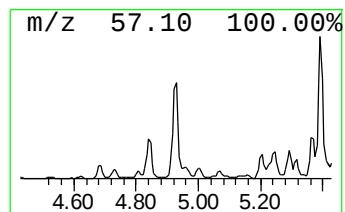
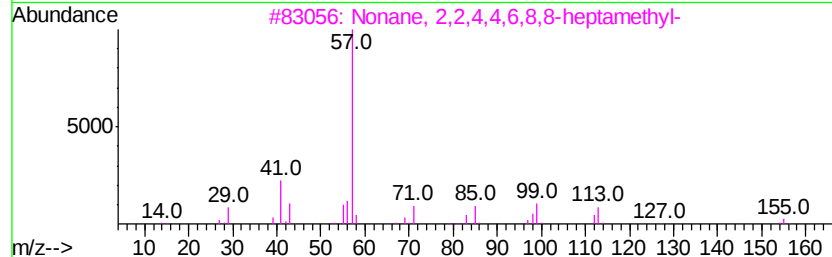
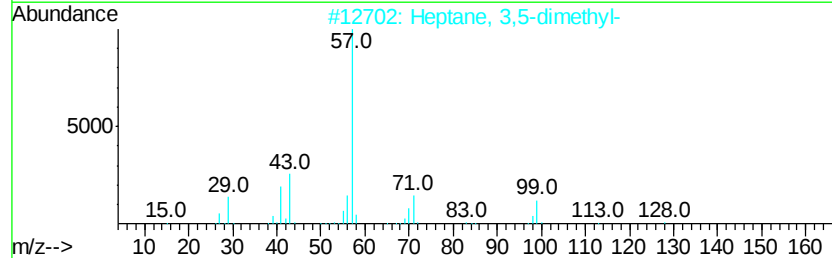
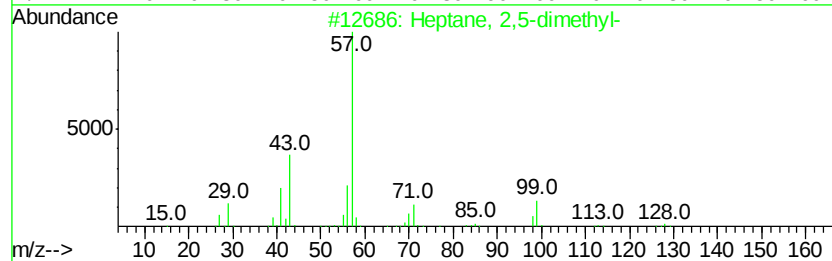
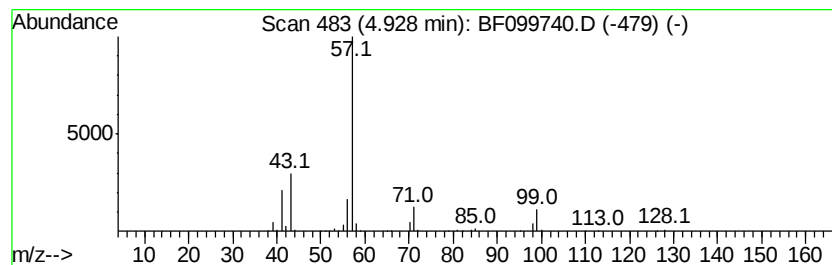
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	11.18 ng	962082	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	87
2		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	74
3		Nonane, 2,2,4,4,6,8,8-heptamethyl-	226	C16H34	004390-04-9	64
4		Hexane, 3-ethyl-4-methyl-	128	C9H20	003074-77-9	47
5		Octane, 3-methyl-	128	C9H20	002216-33-3	42



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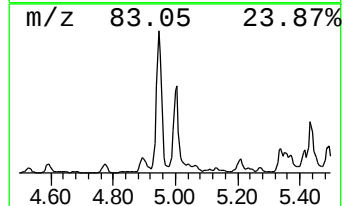
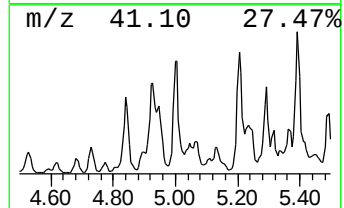
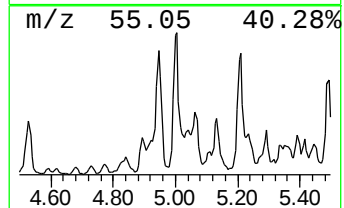
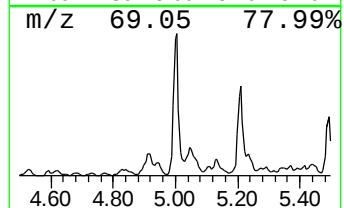
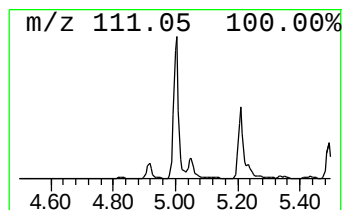
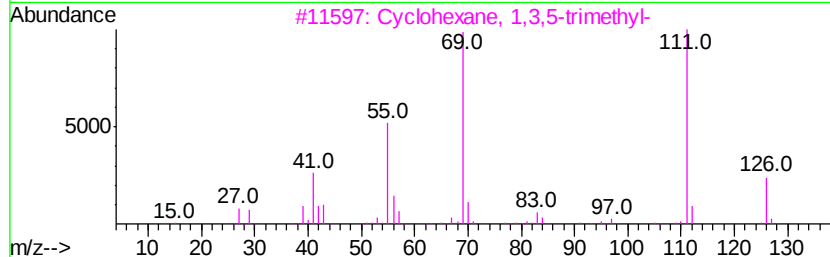
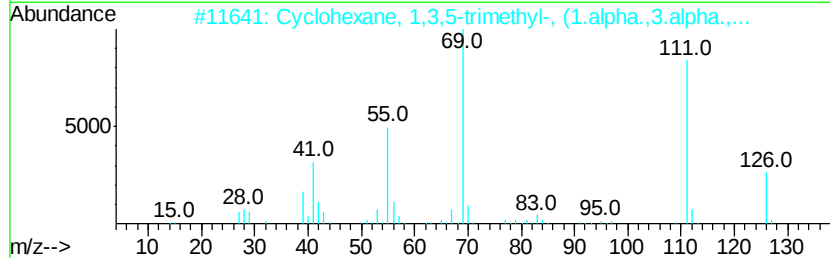
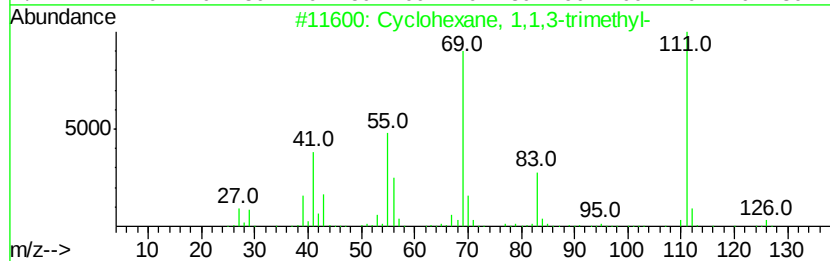
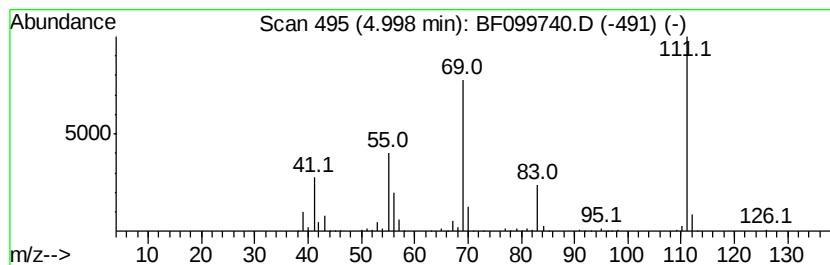
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
5.00	16.62 ng	1430350	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	72
3	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
4	Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-26-2	64
5	Cyclopentane, 1,1,3-trimethyl-3-...	166	C12H22	074421-09-3	59



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Misc :
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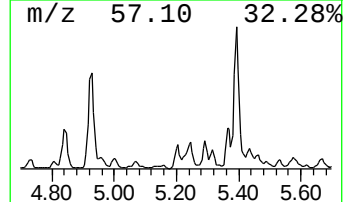
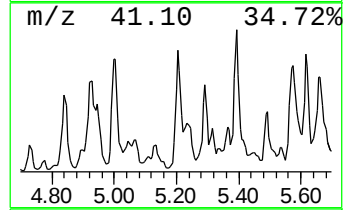
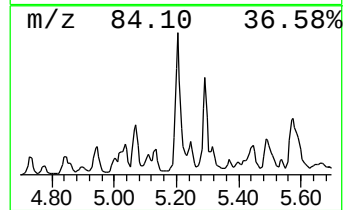
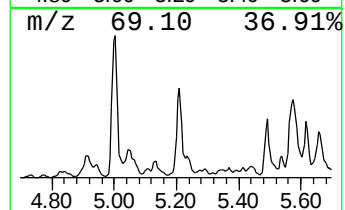
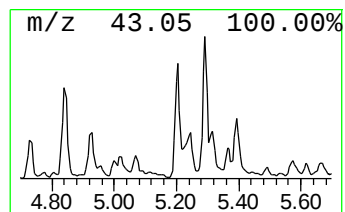
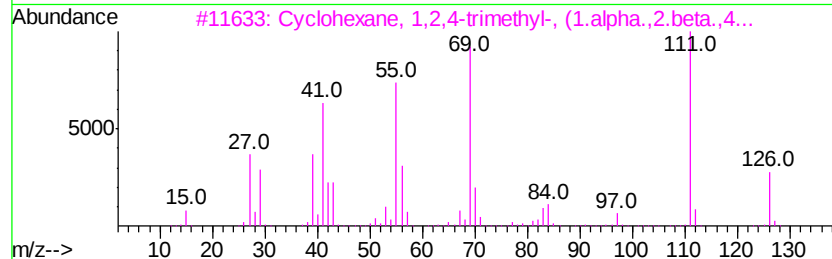
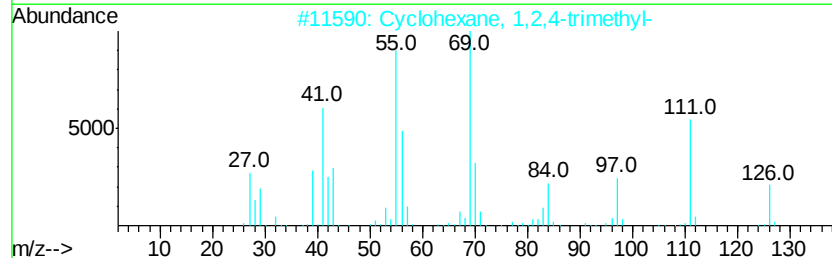
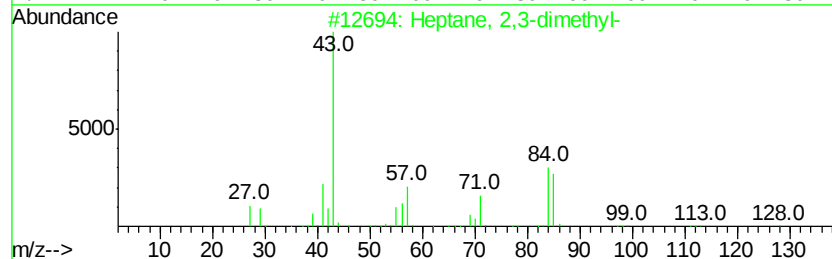
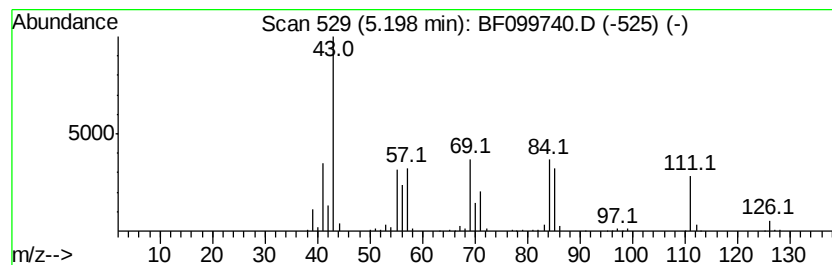
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 4 unknown5.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	16.31 ng	1403540	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	46
2		Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	45
3		Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	43
4		Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	38
5		Acetic acid, 3-methylpentyl ester	144	C8H16O2	1000368-21-4	35



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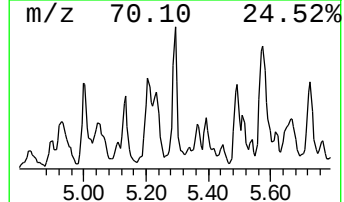
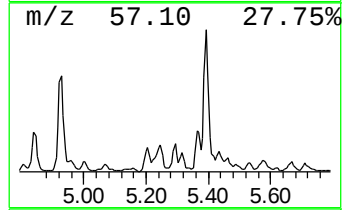
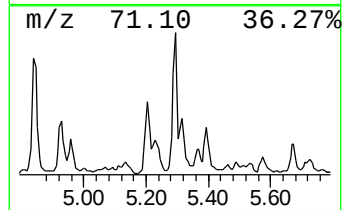
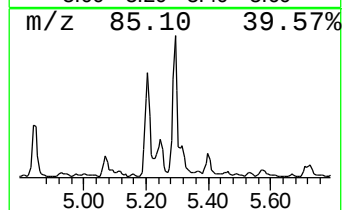
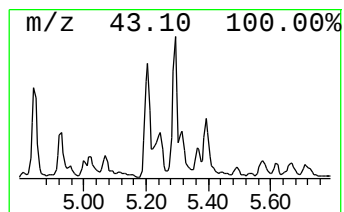
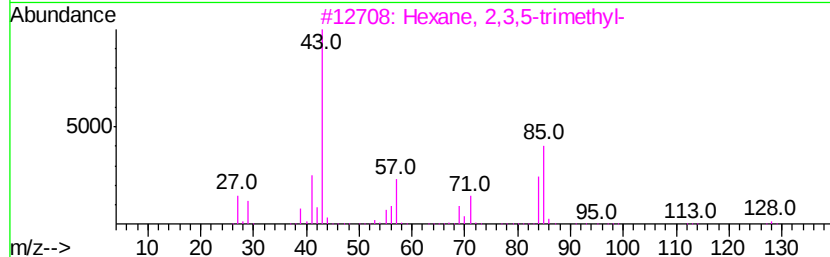
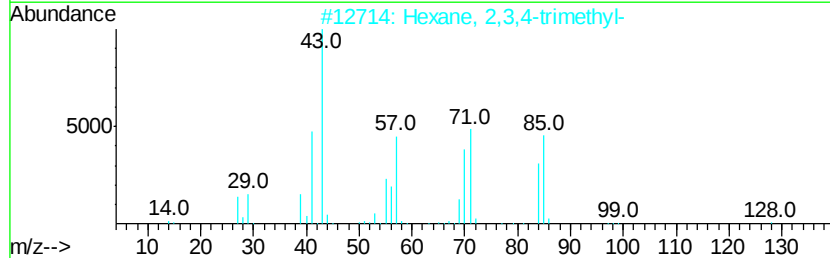
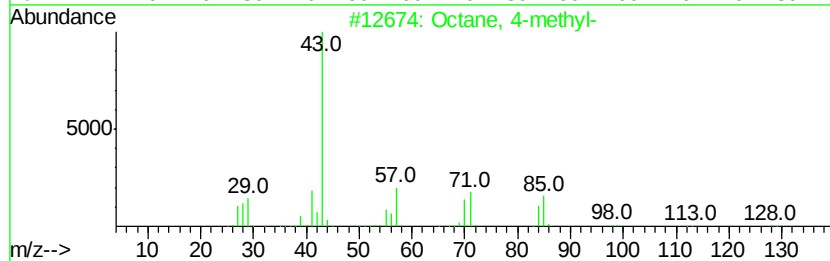
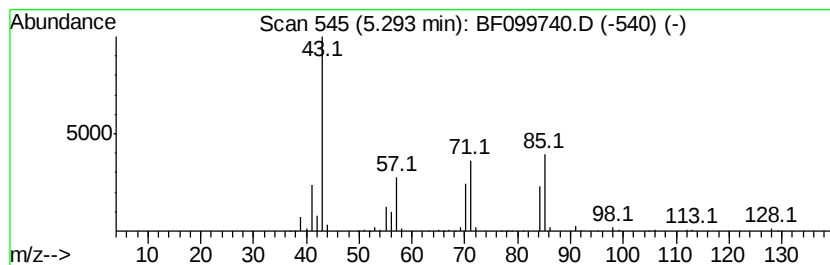
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Octane, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.29	9.71 ng	835037	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-methyl-	128	C9H20	002216-34-4	91
2		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	86
3		Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	76
4		Hexane, 3-ethyl-	114	C8H18	000619-99-8	64
5		Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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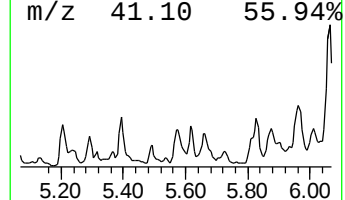
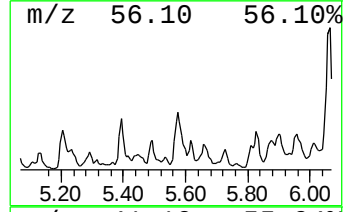
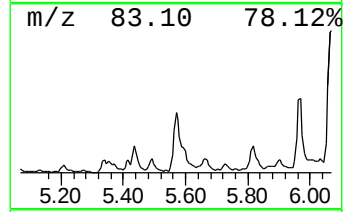
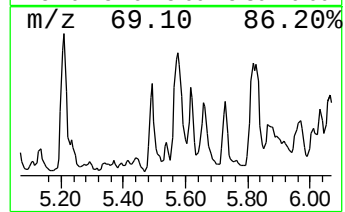
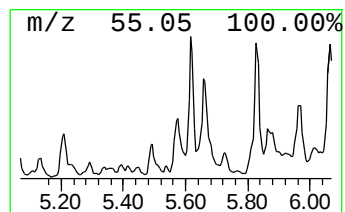
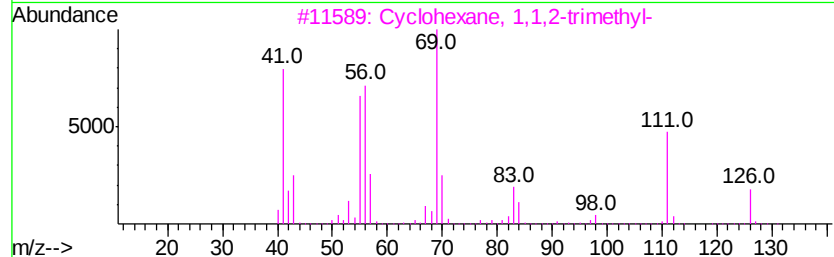
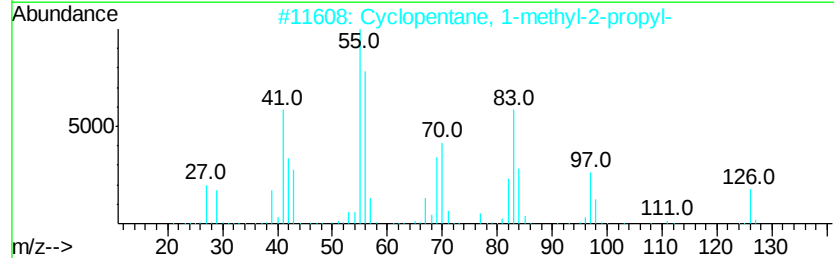
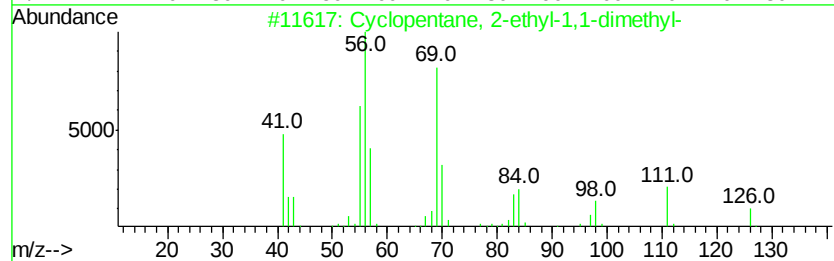
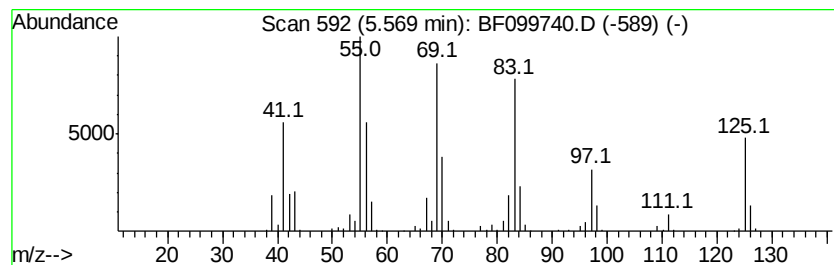
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Cyclopentane, 2-ethyl-1,1-d... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.57	18.57 ng	1597980	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	70
2		Cyclopentane, 1-methyl-2-propyl-	126	C9H18	003728-57-2	60
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4		2,3-Dimethyl-3-heptene, (Z)-	126	C9H18	059643-73-1	49
5		1-Hexene, 3-methyl-	98	C7H14	003404-61-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
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Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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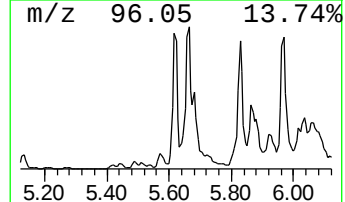
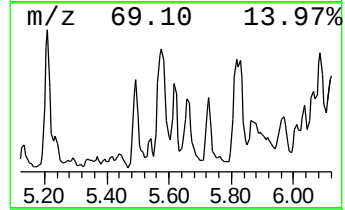
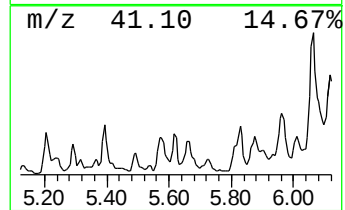
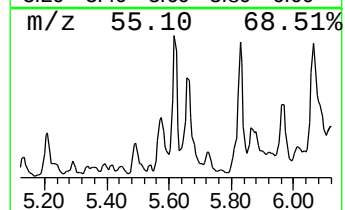
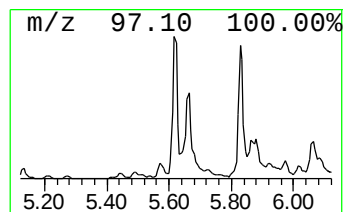
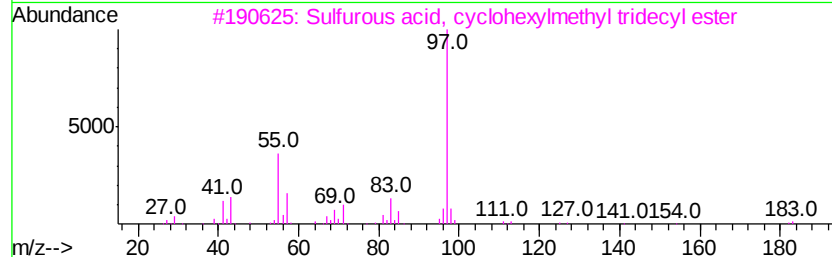
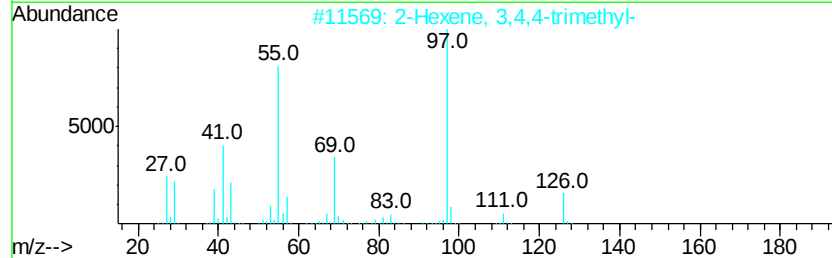
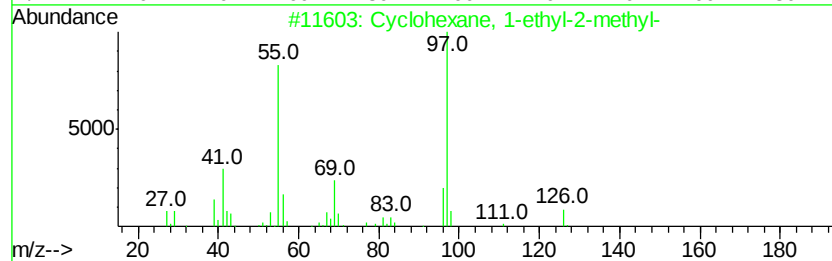
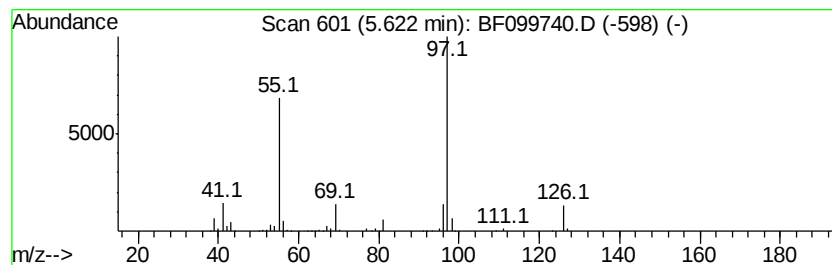
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-ethyl-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.62	14.89 ng	1280990	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	83
2		2-Hexene, 3,4,4-trimethyl-	126	C9H18	053941-19-8	80
3		Sulfurous acid, cyclohexylmethyl...	360	C20H40O3S	1000309-22-1	78
4		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	72
5		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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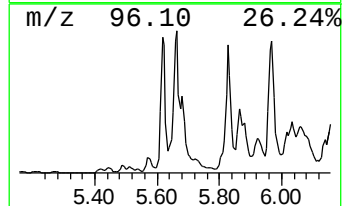
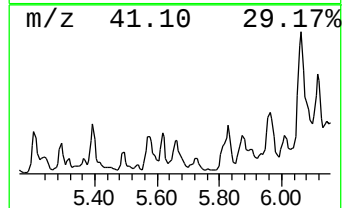
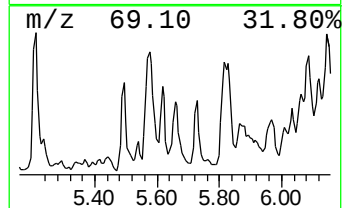
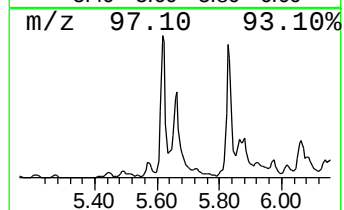
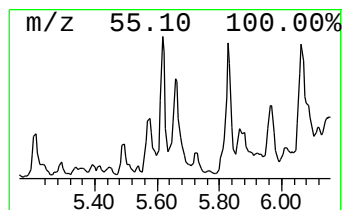
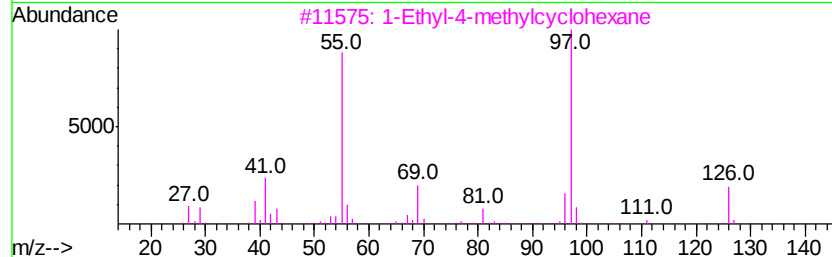
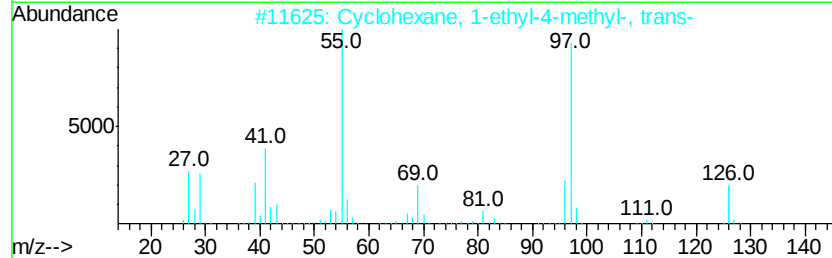
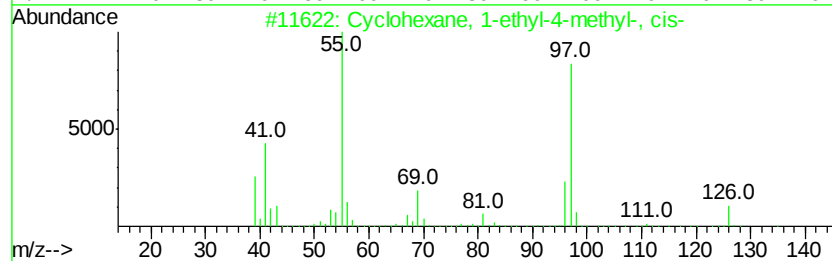
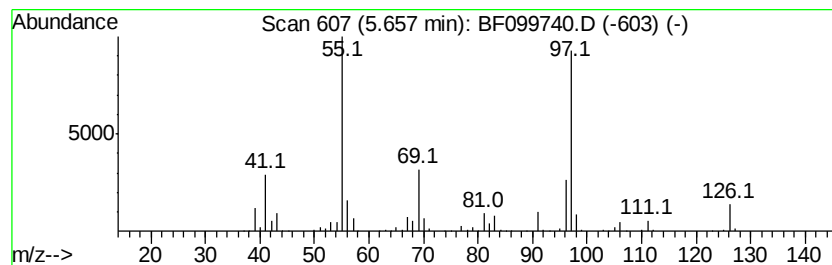
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	20.05 ng	1725100	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	90
3		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	87
4		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	83
5		cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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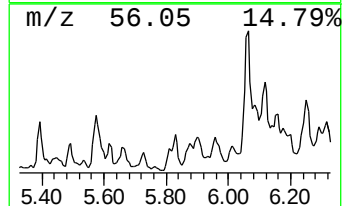
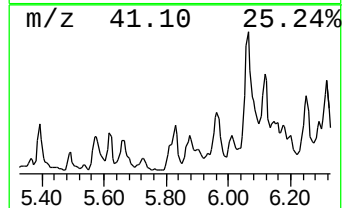
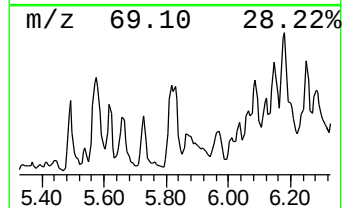
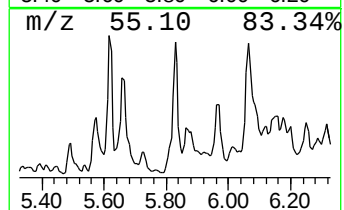
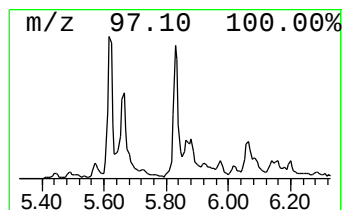
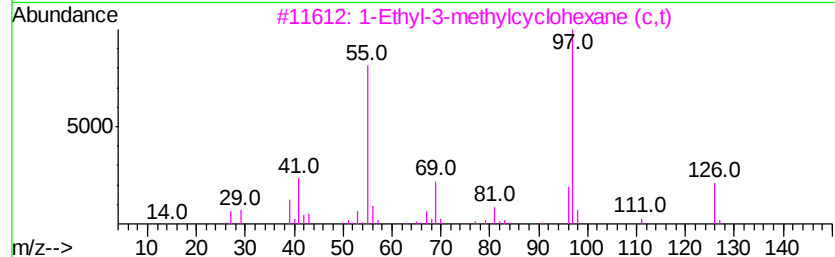
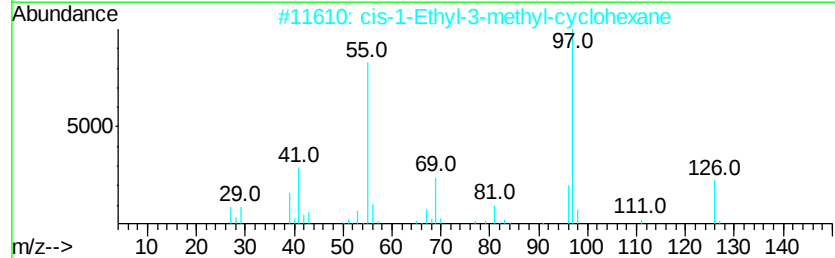
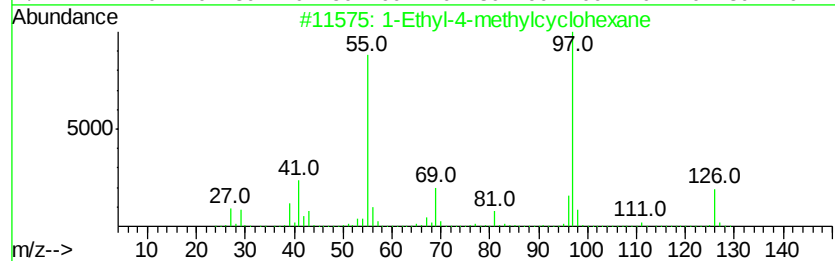
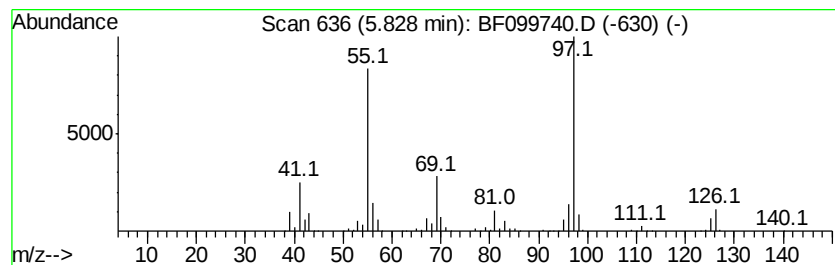
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Ethyl-4-methylcyclohexane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	27.39 ng	2356660	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	91
2		cis-1-Ethyl-3-methylcyclohexane	126	C9H18	019489-10-2	90
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	87
5		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-1

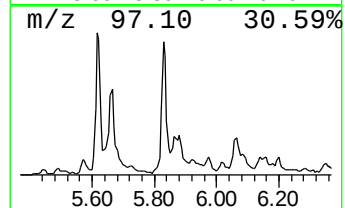
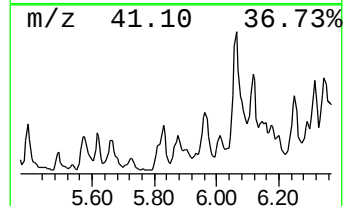
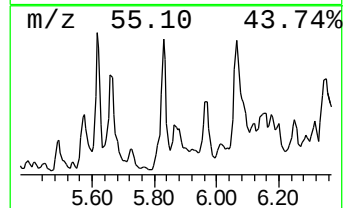
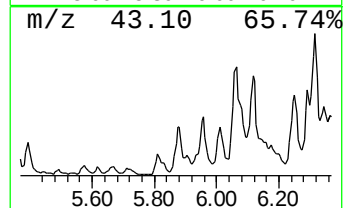
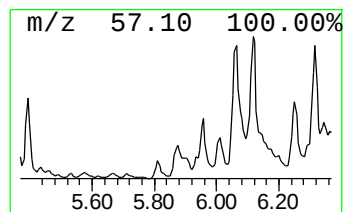
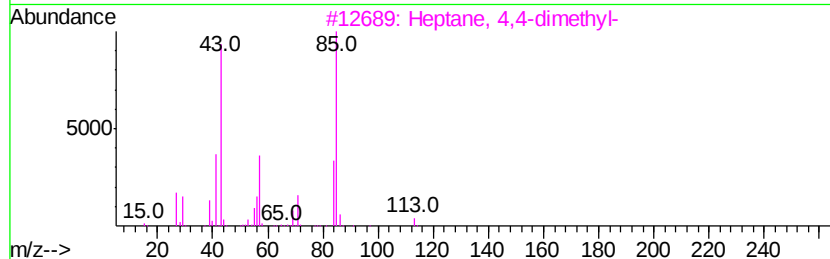
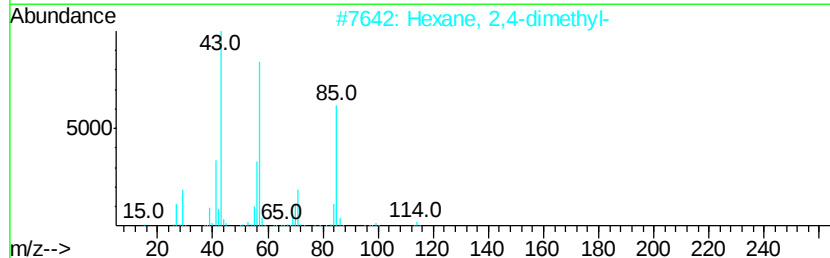
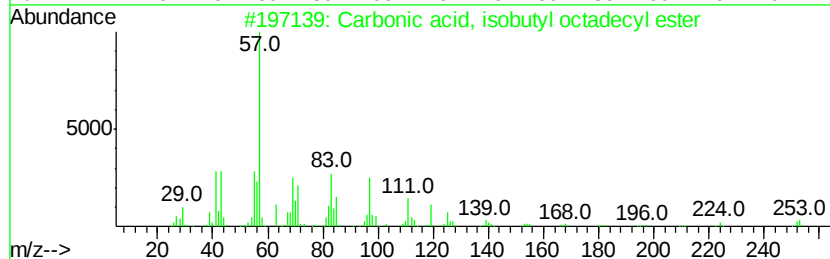
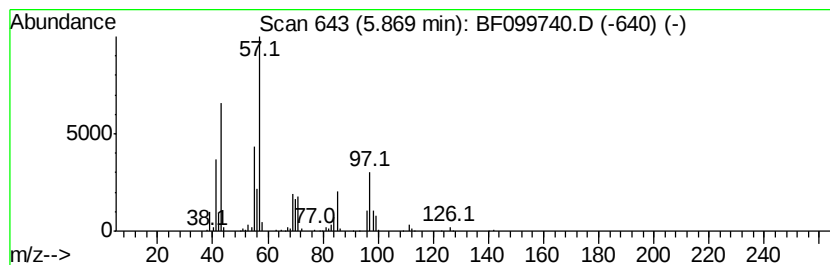
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Carbonic acid, isobutyl oct... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	13.09 ng	1125920	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Carbonic acid, isobutyl octadecyl...	370	C23H46O3	1000314-61-5	53
2		Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	50
3		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	50
4		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
5		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
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Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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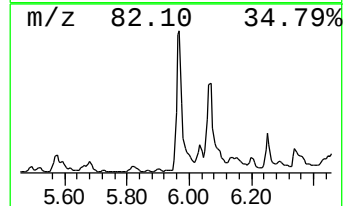
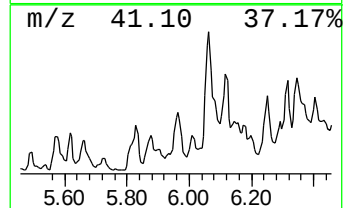
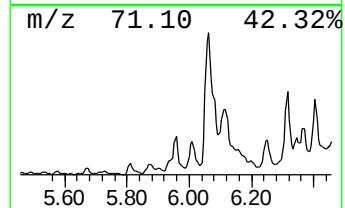
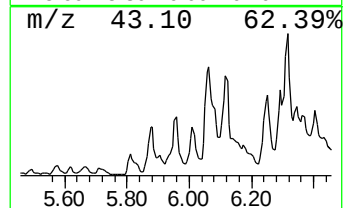
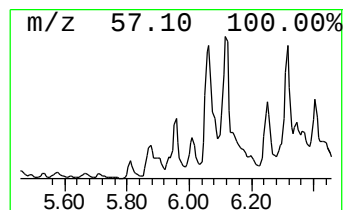
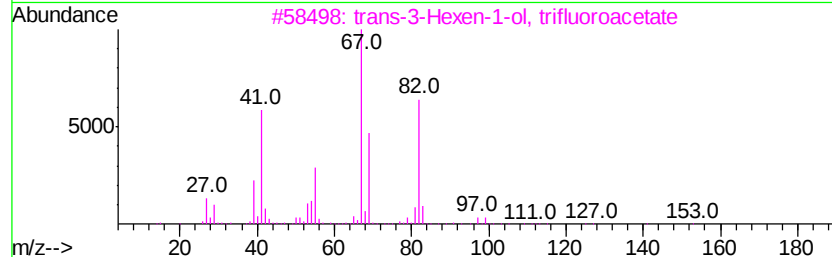
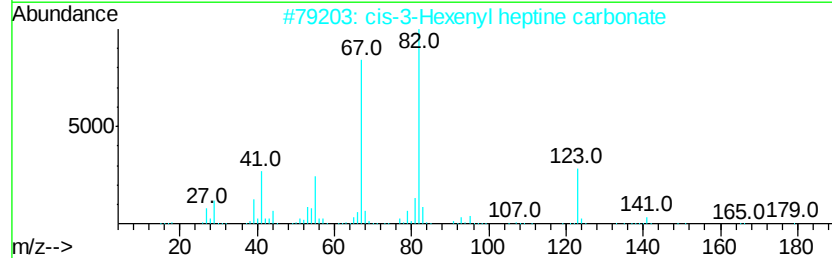
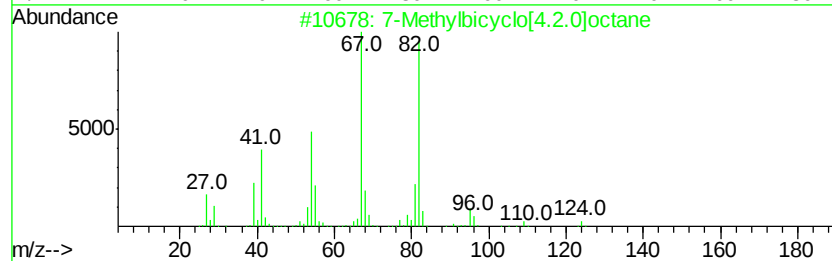
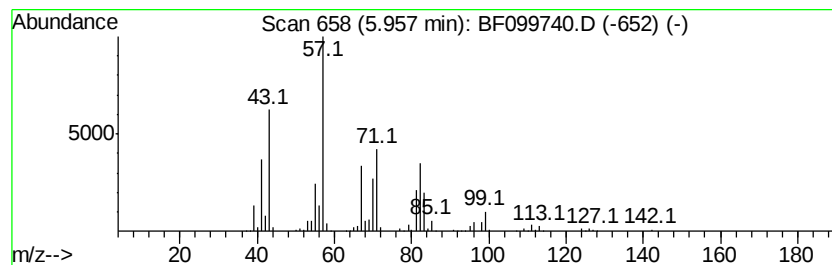
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 7-Methylbicyclo[4.2.0]octane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	24.92 ng	2144190	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	62
2		cis-3-Hexenyl heptene carbonate	222	C14H22O2	068698-58-8	50
3		trans-3-Hexen-1-ol, trifluoroace...	196	C8H11F3O2	1000352-31-0	50
4		cis-Hexenyl octyne carbonate	236	C15H24O2	068480-29-5	50
5		Cis-bicyclo[4.2.0]octane	110	C8H14	028282-35-1	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
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Operator : SJ/JU
Sample : I6040-01
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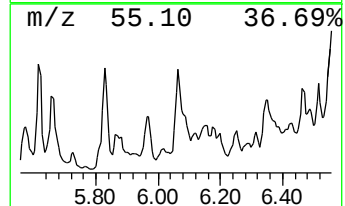
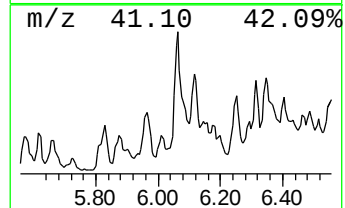
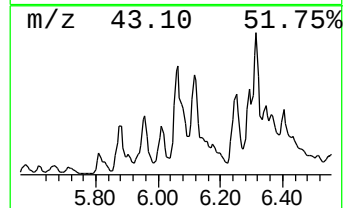
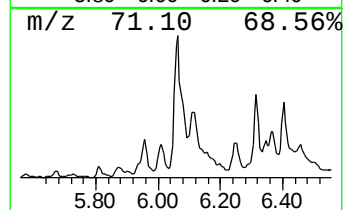
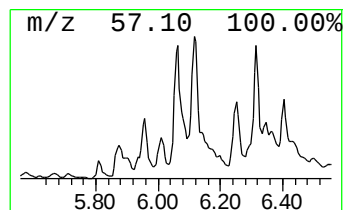
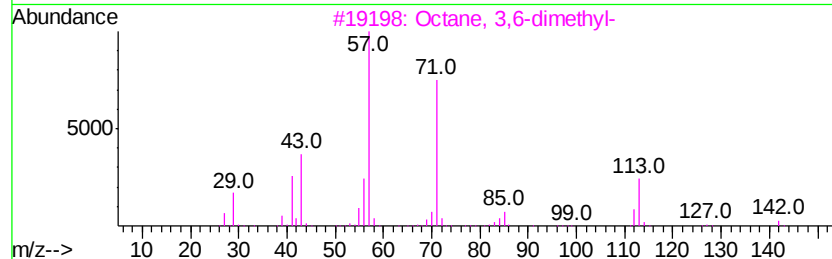
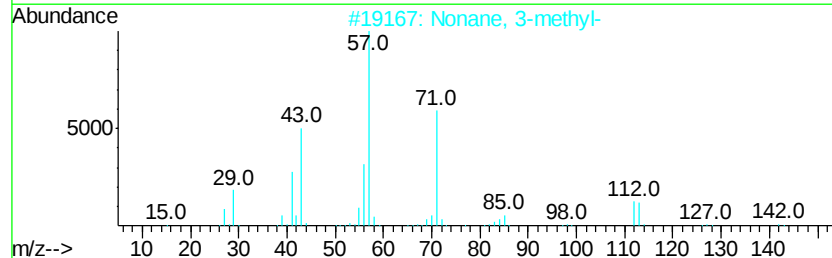
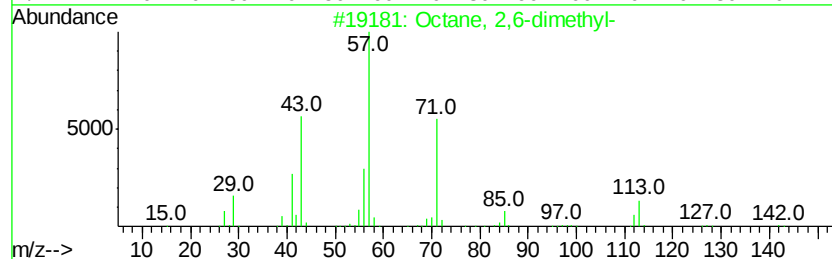
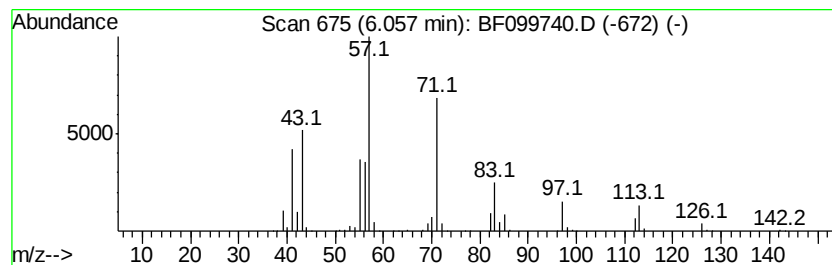
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 2,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.06	52.39 ng	4507300	1,4-Dichlorobenzene-d4	6.82	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	60
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	58
4	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	47
5	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

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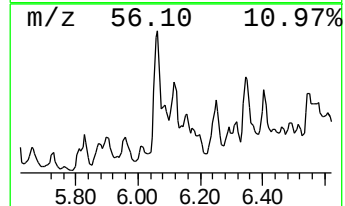
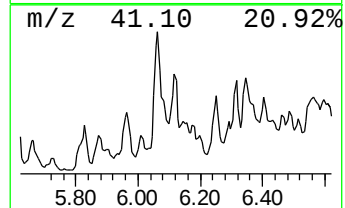
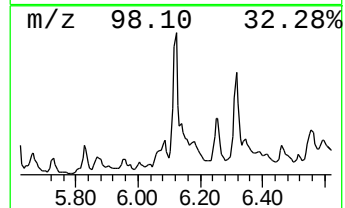
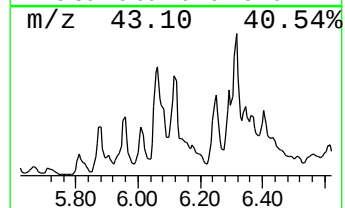
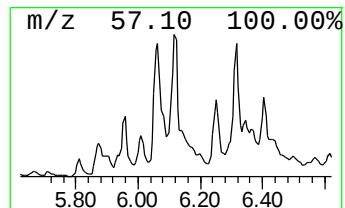
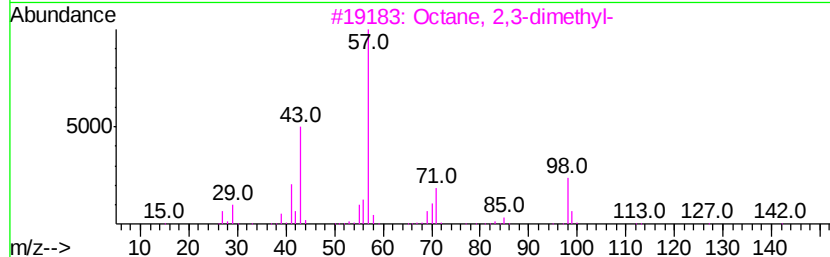
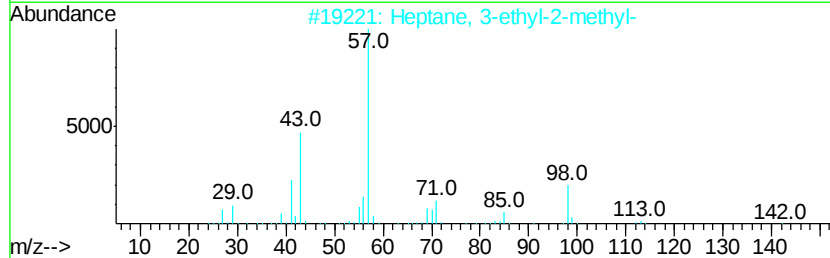
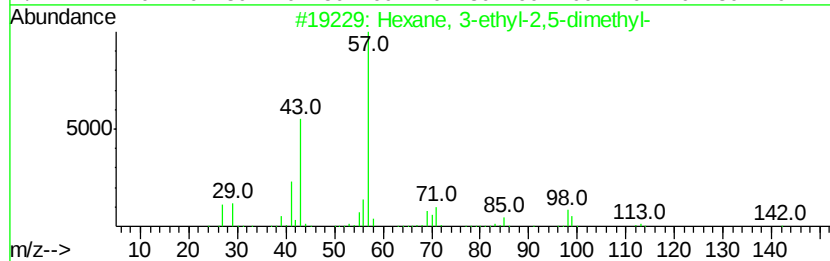
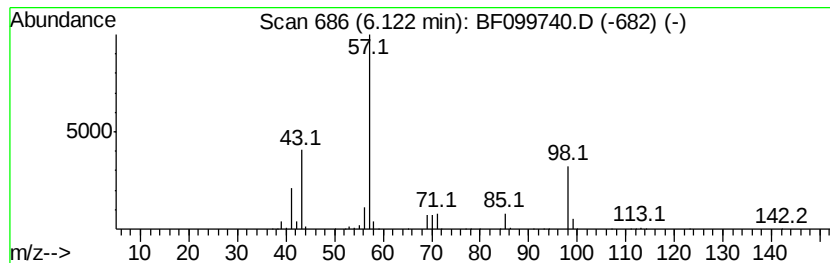
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexane, 3-ethyl-2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	17.78 ng	1529520	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	74
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	72
3		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	58
4		Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	53
5		Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
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Instrument :
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ClientSampleId :
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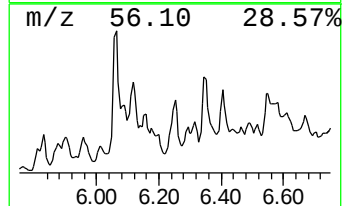
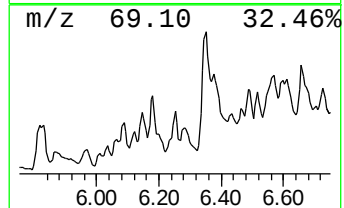
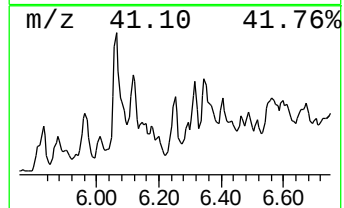
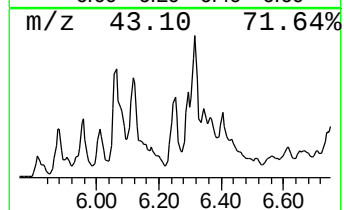
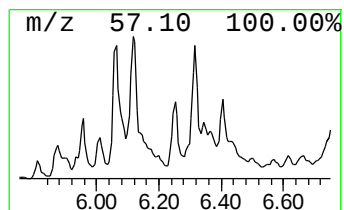
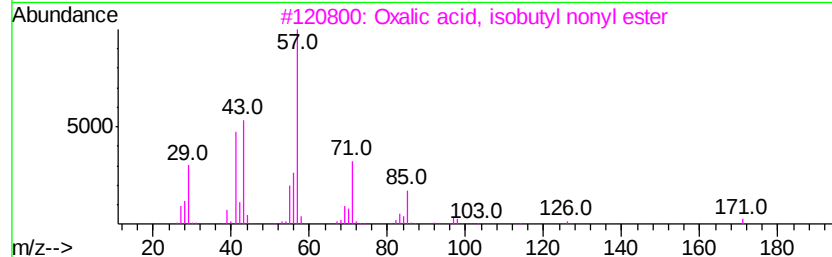
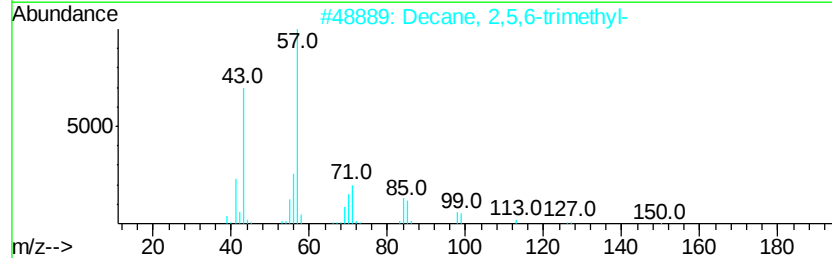
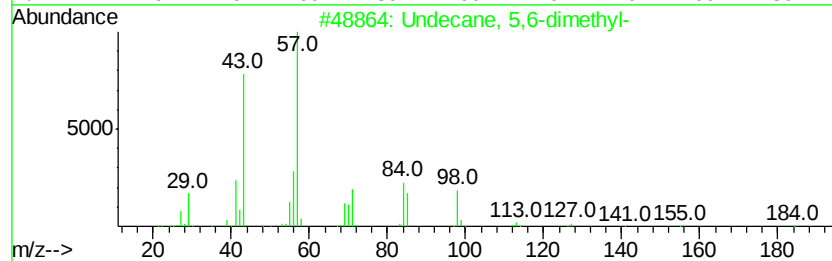
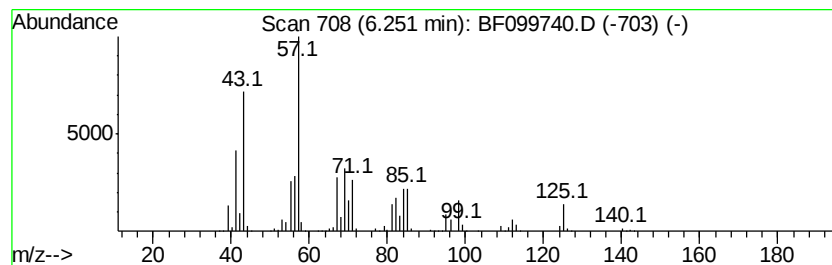
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Undecane, 5,6-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.25	25.37 ng	2183150	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	59
2			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	43
3			Oxalic acid, isobutyl nonyl ester	272	C15H28O4	1000309-37-4	38
4			Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	38
5			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
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ClientSampleId :
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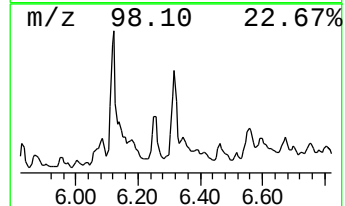
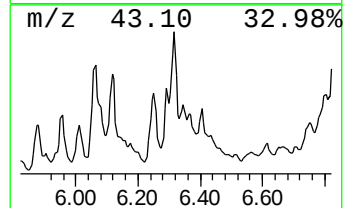
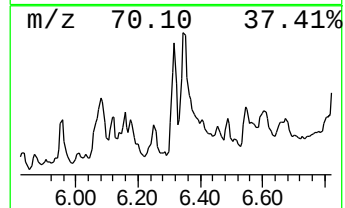
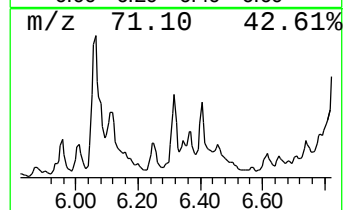
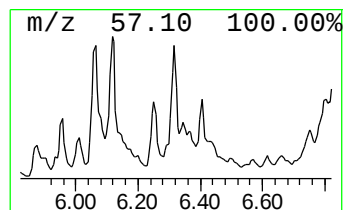
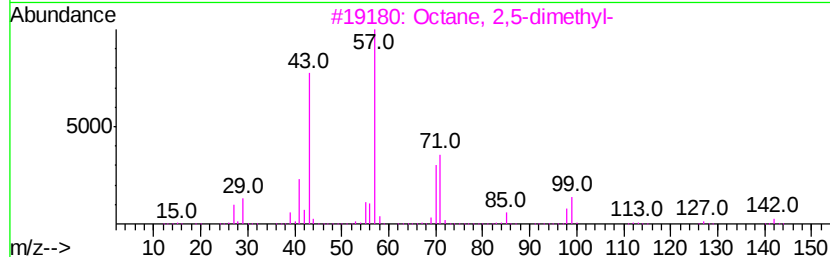
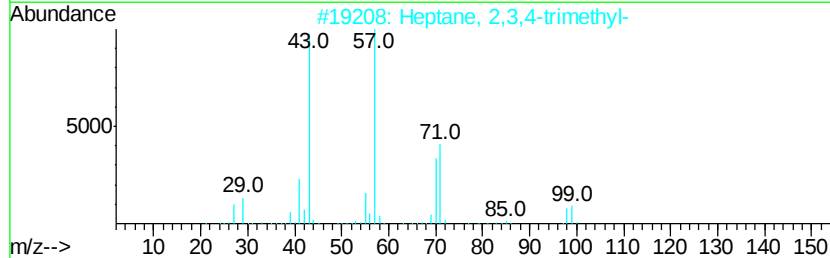
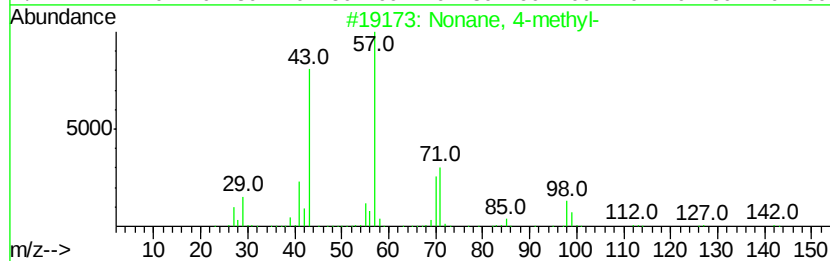
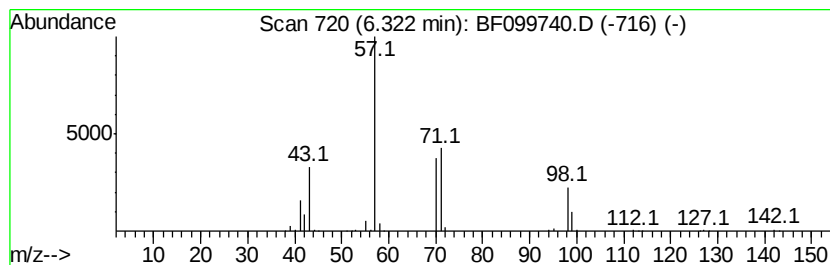
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Nonane, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	17.65 ng	1518500	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 4-methyl-	142	C10H22	017301-94-9	91
2		Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	72
3		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
4		Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	64
5		Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
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Instrument :
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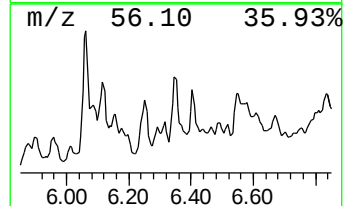
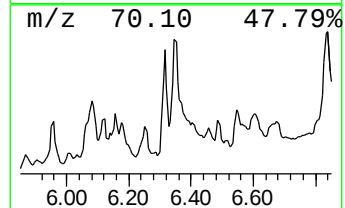
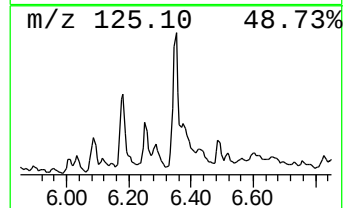
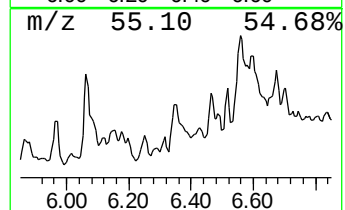
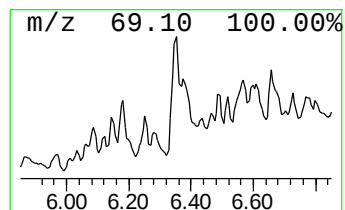
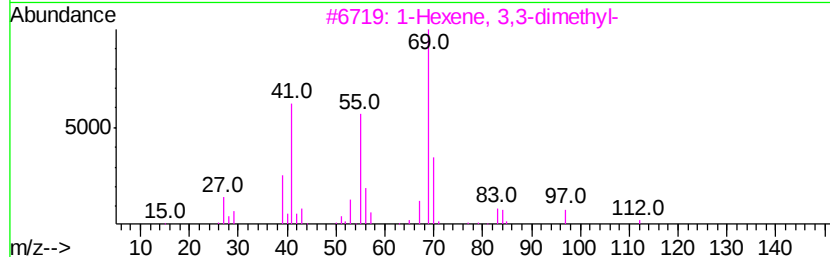
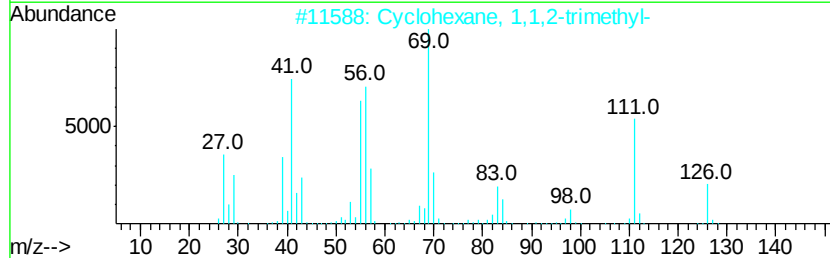
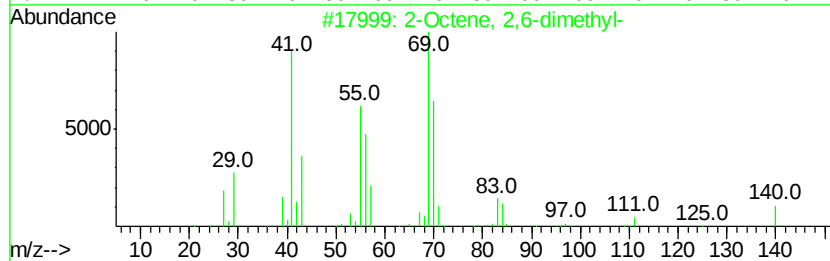
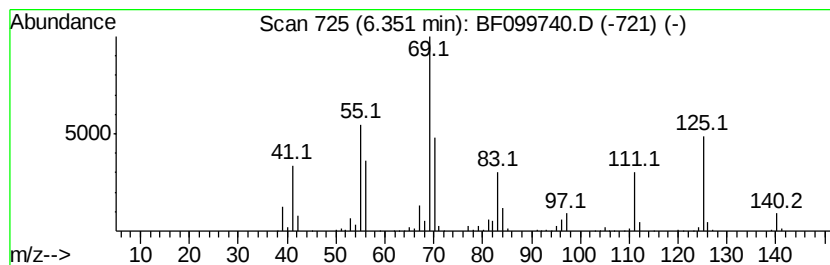
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 2-Octene, 2,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	38.79 ng	3337360	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octene, 2,6-dimethyl-	140	C10H20	004057-42-5	70
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	50
3		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
4		Cyclohexane, 1,1,2,3-tetramethyl-	140	C10H20	006783-92-2	43
5		trans-1-Butyl-2-methylcyclopropane	112	C8H16	038851-70-6	42



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
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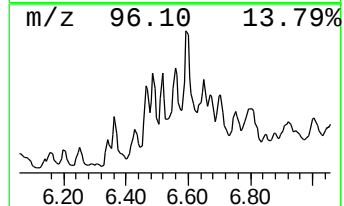
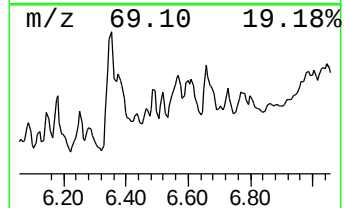
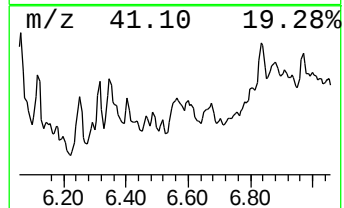
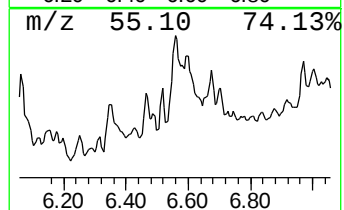
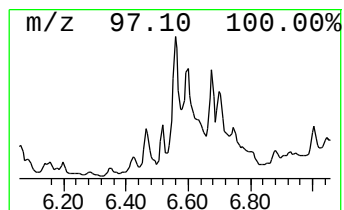
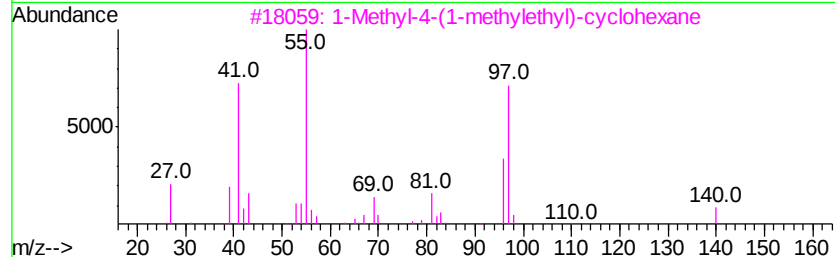
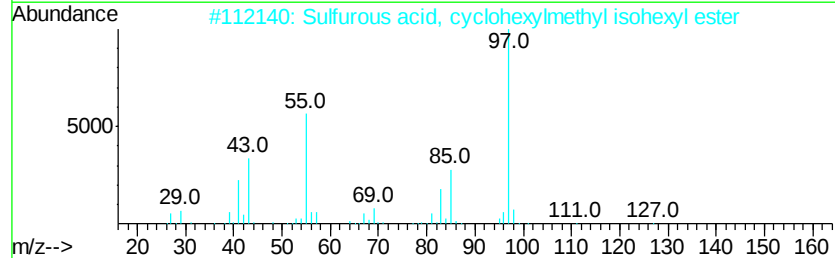
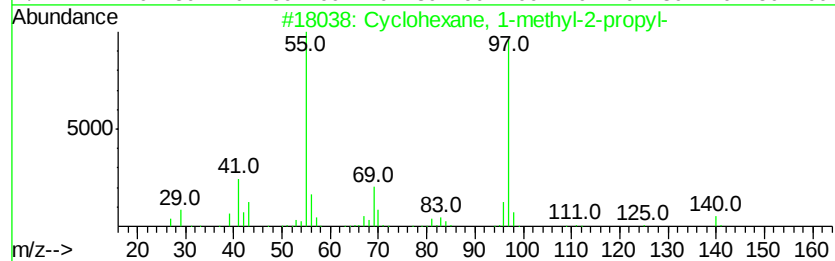
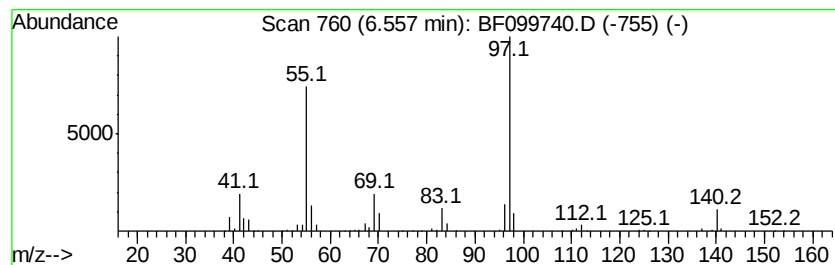
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Cyclohexane, 1-methyl-2-pro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	28.48 ng	2449900	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	74
2		Sulfurous acid, cyclohexylmethyl...	262	C13H26O3S	1000309-21-5	64
3		1-Methyl-4-(1-methylethyl)-cyclo...	140	C10H20	000099-82-1	59
4		Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
5		Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
Data File : BF099740.D
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ClientSampleId :
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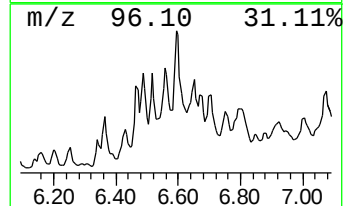
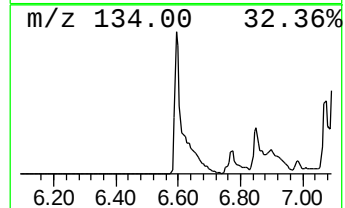
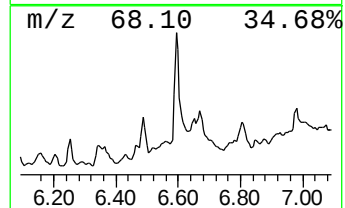
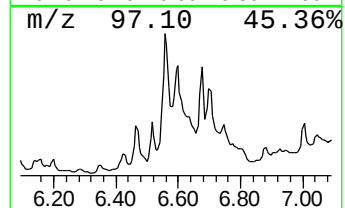
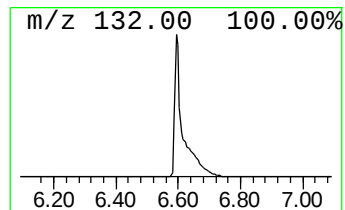
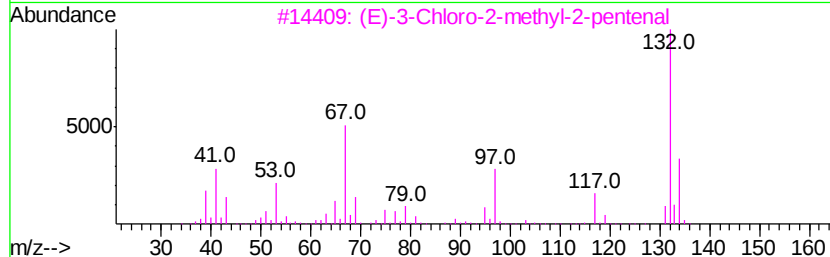
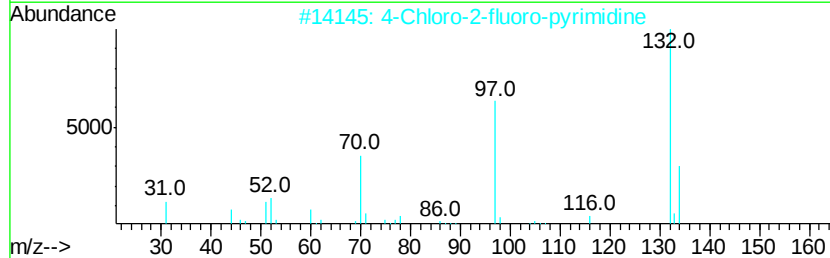
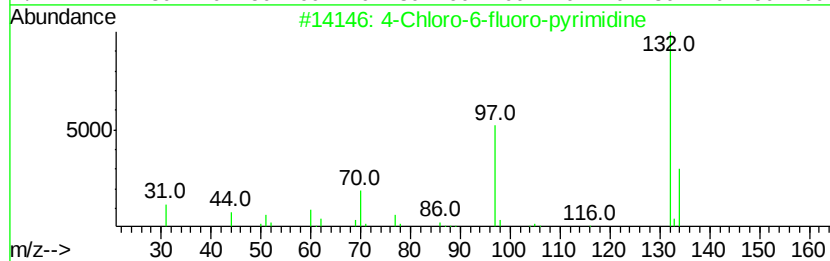
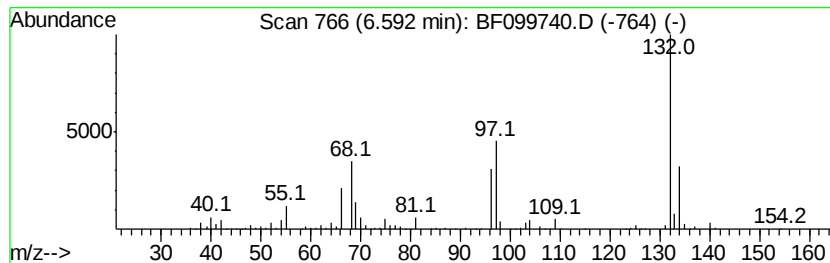
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown6.59 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	19.99 ng	1719960	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	32
2		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	32
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
4		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
5		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :
MW-1

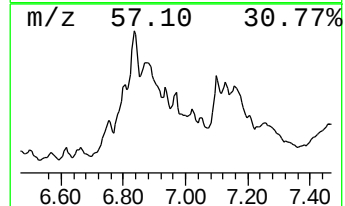
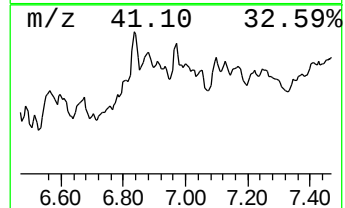
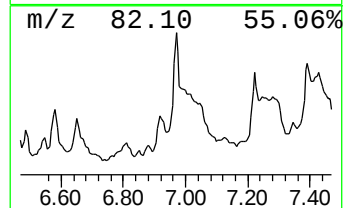
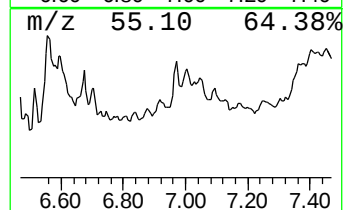
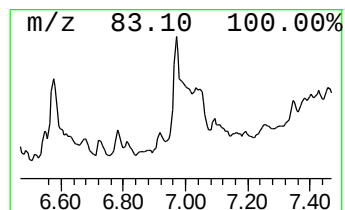
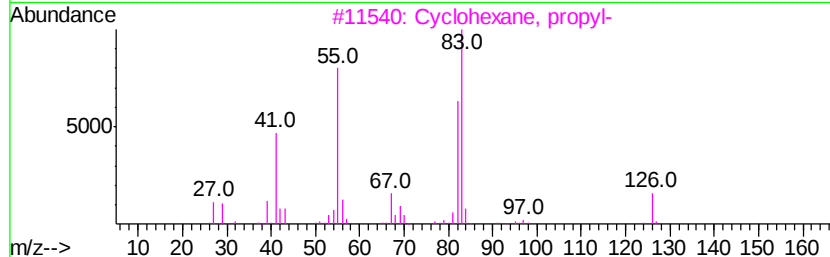
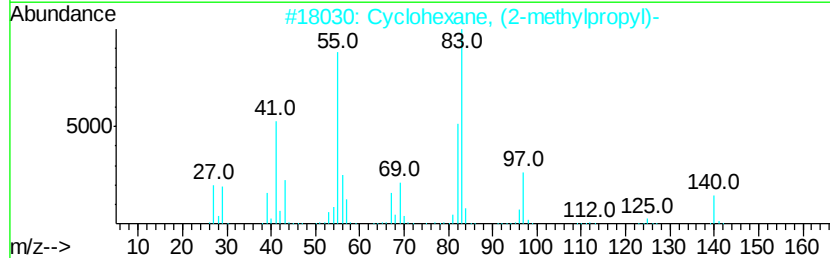
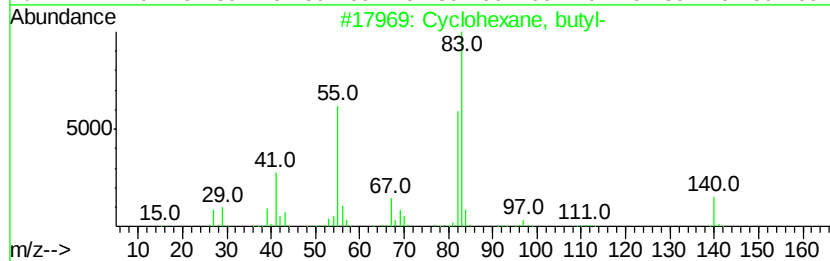
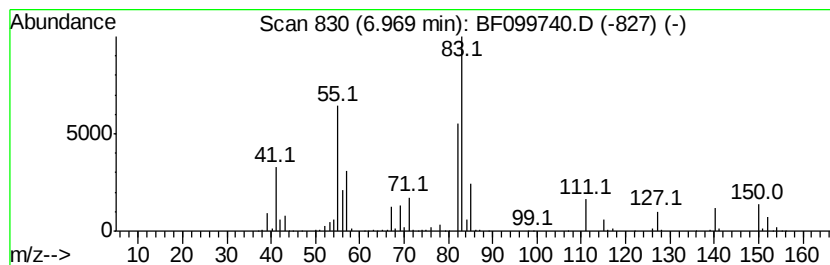
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	18.81 ng	1618610	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, butyl-	140	C10H20	001678-93-9	64
2			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	62
3			Cyclohexane, propyl-	126	C9H18	001678-92-8	50
4			Cyclohexane, (1-methylpropyl)-	140	C10H20	007058-01-7	49
5			Cyclohexane, pentyl-	154	C11H22	004292-92-6	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102117\
Data File : BF099740.D
Acq On : 21 Oct 2017 20:58
Operator : SJ/JU
Sample : I6040-01
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1

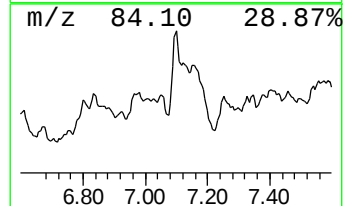
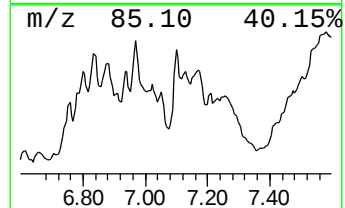
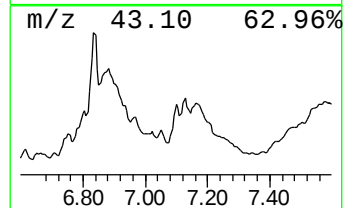
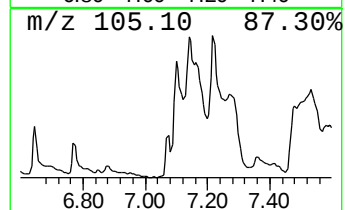
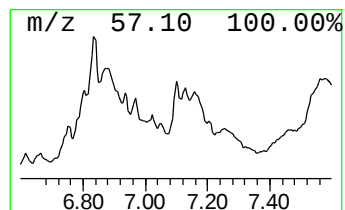
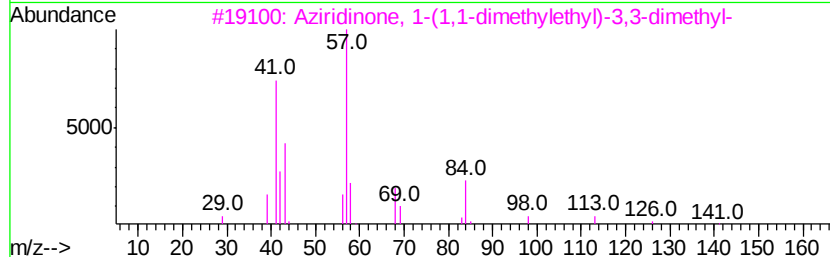
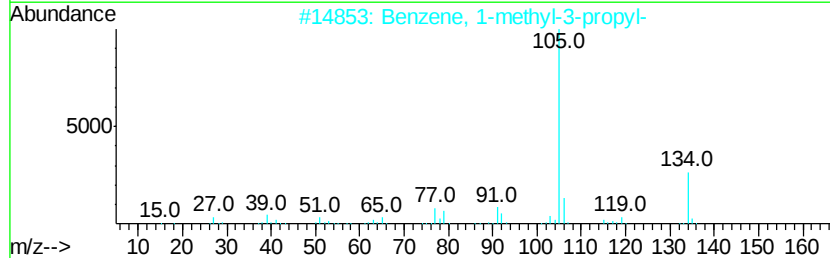
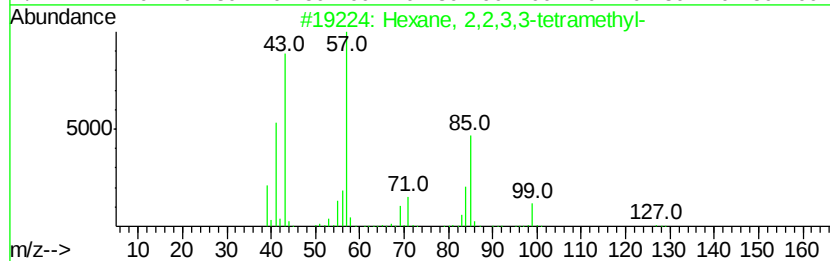
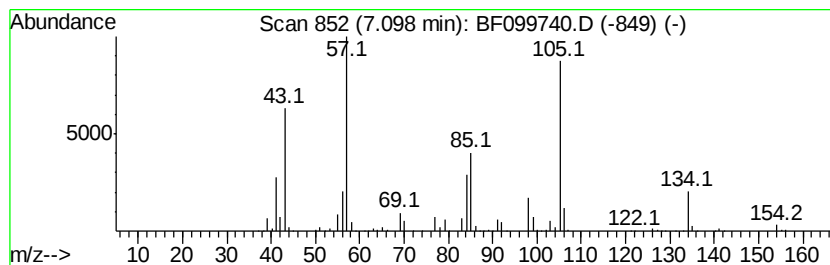
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown7.10 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	13.19 ng	1134660	1,4-Dichlorobenzene-d4	6.82

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	43
2			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	35
3			Aziridinone, 1-(1,1-dimethylethyl)-3,3-dimethyl-	141	C8H15NO	014387-85-0	27
4			Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	25
5			Decane, 1-iodo-	268	C10H21I	002050-77-3	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102117\
 Data File : BF099740.D
 Acq On : 21 Oct 2017 20:58
 Operator : SJ/JU
 Sample : I6040-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.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
Heptane, 2,6-dime...	4.84	8.0	ng	688133	1	6.82	1720740	20.0
Heptane, 2,5-dime...	4.93	11.2	ng	962082	1	6.82	1720740	20.0
Cyclohexane, 1,1,...	5.00	16.6	ng	1430350	1	6.82	1720740	20.0
unknown5.20	5.20	16.3	ng	1403540	1	6.82	1720740	20.0
Octane, 4-methyl-	5.29	9.7	ng	835037	1	6.82	1720740	20.0
Cyclopentane, 2-e...	5.57	18.6	ng	1597980	1	6.82	1720740	20.0
Cyclohexane, 1-et...	5.62	14.9	ng	1280990	1	6.82	1720740	20.0
Cyclohexane, 1-et...	5.66	20.1	ng	1725100	1	6.82	1720740	20.0
1-Ethyl-4-methylc...	5.83	27.4	ng	2356660	1	6.82	1720740	20.0
Carbonic acid, is...	5.87	13.1	ng	1125920	1	6.82	1720740	20.0
7-Methylbicyclo[4...	5.96	24.9	ng	2144190	1	6.82	1720740	20.0
Octane, 2,6-dimet...	6.06	52.4	ng	4507300	1	6.82	1720740	20.0
Hexane, 3-ethyl-2...	6.12	17.8	ng	1529520	1	6.82	1720740	20.0
Undecane, 5,6-dim...	6.25	25.4	ng	2183150	1	6.82	1720740	20.0
Nonane, 4-methyl-	6.32	17.6	ng	1518500	1	6.82	1720740	20.0
2-Octene, 2,6-dim...	6.35	38.8	ng	3337360	1	6.82	1720740	20.0
Cyclohexane, 1-me...	6.56	28.5	ng	2449900	1	6.82	1720740	20.0
unknown6.59	6.59	20.0	ng	1719960	1	6.82	1720740	20.0
Cyclohexane, butyl-	6.97	18.8	ng	1618610	1	6.82	1720740	20.0
unknown7.10	7.10	13.2	ng	1134660	1	6.82	1720740	20.0