

Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
 Data File : BF098616.D
 Acq On : 18 Sep 2017 21:52
 Operator : SJ/JU
 Sample : I5265-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33D24

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-BF091117.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	3.404	215	224	229	rBV4	53339	136925	2.63%	0.292%
2	3.593	248	256	262	rBV2	58360	139116	2.67%	0.296%
3	3.763	277	285	290	rBV	194043	354477	6.80%	0.755%
4	3.816	290	294	306	rVB	88359	155550	2.98%	0.331%
5	4.145	343	350	363	rBV4	272004	542628	10.41%	1.156%
6	4.263	363	370	377	rVB	153806	227561	4.36%	0.485%
7	4.487	404	408	412	rBV	108636	143252	2.75%	0.305%
8	4.610	425	429	433	rVB	242481	272498	5.23%	0.580%
9	4.698	438	444	452	rVB3	451004	861211	16.51%	1.834%
10	4.769	452	456	458	rBV	505689	565588	10.85%	1.205%
11	4.987	489	493	496	rBV	774115	918435	17.61%	1.956%
12	5.110	512	514	520	rVB	135714	142333	2.73%	0.303%
13	5.192	520	528	532	rBV3	453478	1055057	20.23%	2.247%
14	5.240	532	536	541	rVV	1402043	1780865	34.15%	3.793%
15	5.281	541	543	549	rVB2	310457	365020	7.00%	0.777%
16	5.369	554	558	563	rBV2	488137	747910	14.34%	1.593%
17	5.416	563	566	570	rBV	842053	868692	16.66%	1.850%
18	5.457	570	573	581	rVB2	581384	976672	18.73%	2.080%
19	5.528	581	585	595	rVB2	264271	482507	9.25%	1.028%
20	5.628	596	602	607	rBV2	1155211	2281699	43.75%	4.860%
21	5.692	607	613	615	rBV2	558283	907591	17.40%	1.933%
22	5.769	621	626	632	rBV	1414772	1931776	37.04%	4.115%
23	5.828	632	636	641	rBV2	590861	1131471	21.70%	2.410%
24	5.875	641	644	651	rBV3	2838542	5056644	96.97%	10.770%
25	5.934	651	654	657	rVV	1134792	1184531	22.71%	2.523%
26	6.075	672	678	686	rBV3	2194828	5214787	100.00%	11.107%
27	6.157	690	692	694	rVV	1292926	1455817	27.92%	3.101%
28	6.192	696	698	703	rVB	1125910	1463755	28.07%	3.118%
29	6.292	711	715	720	rBV3	1577762	2881426	55.25%	6.137%
30	6.381	726	730	732	rBV	2112589	3008450	57.69%	6.408%
31	6.416	733	736	742	rVB	2139118	3816521	73.19%	8.129%
32	6.663	776	778	782	rBV	954117	1178041	22.59%	2.509%
33	6.798	799	801	810	rVB4	1642667	3594178	68.92%	7.655%
34	13.804	1989	1992	1995	rVB	572671	555904	10.66%	1.184%

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ClientSampleId :
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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

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.198	2226	2229	2235	rVB	447778	551240	10.57%	1.174%
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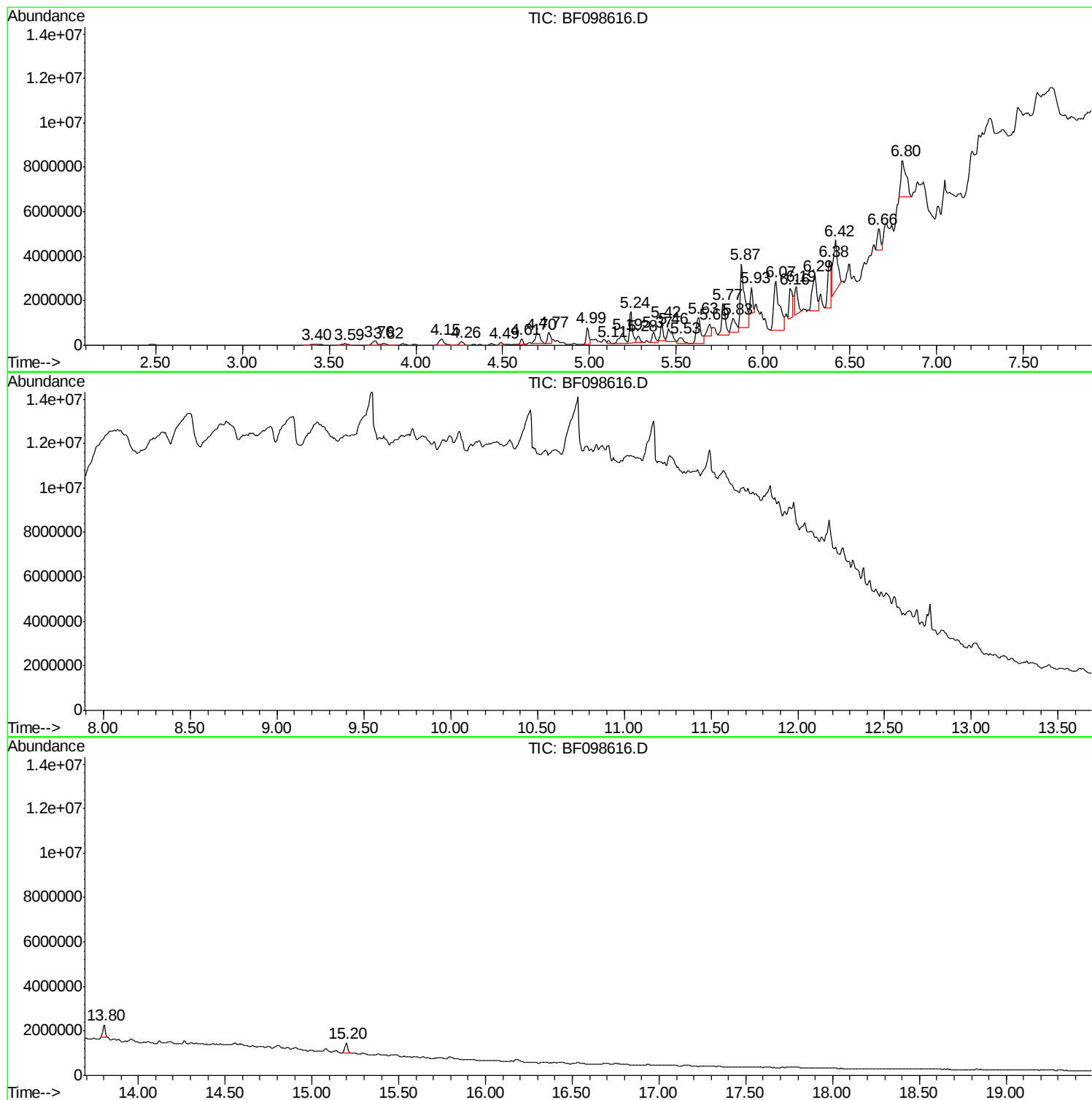
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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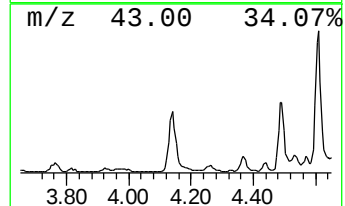
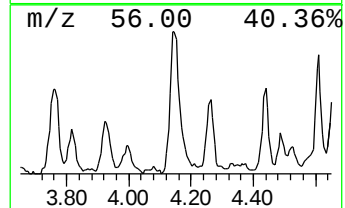
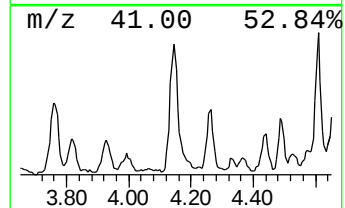
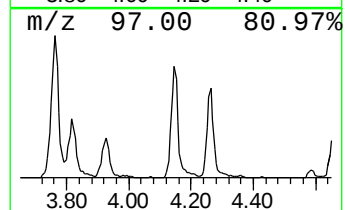
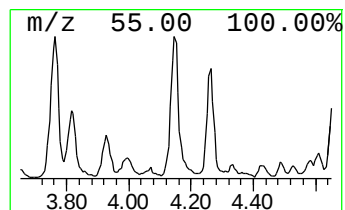
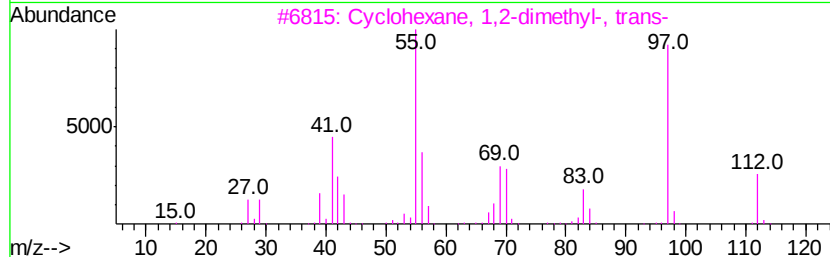
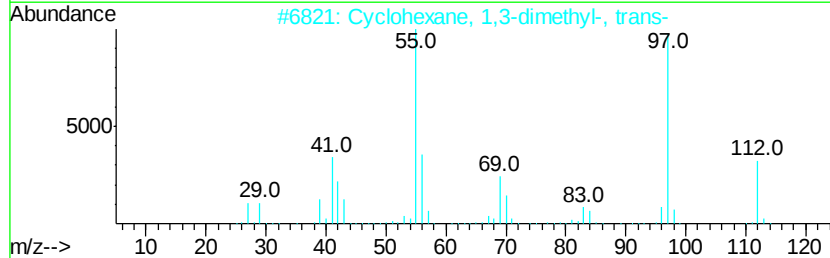
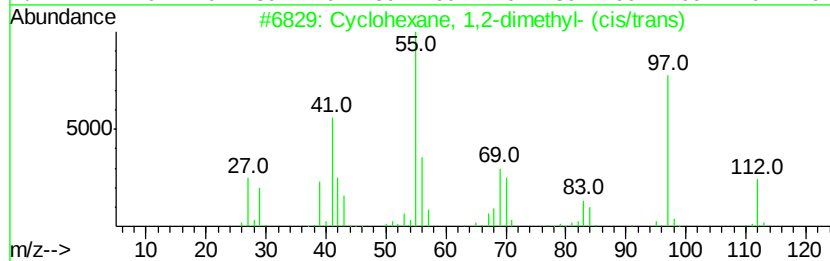
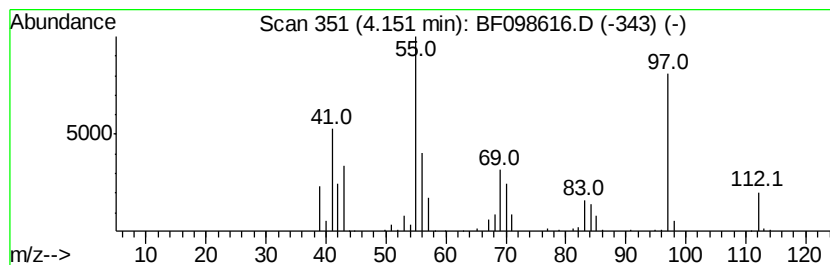
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF091117.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Cyclohexane, 1,2-dimethyl- ... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.15	9.21 ng	542628	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,2-dimethyl- (cis/...	112	C8H16	000583-57-3	90
2		Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	83
3		Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	81
4		Cyclohexane, 1,4-dimethyl-, trans-	112	C8H16	002207-04-7	68
5		Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	64



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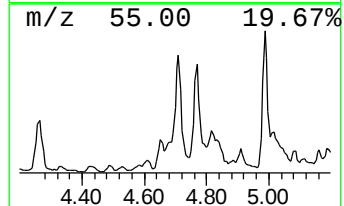
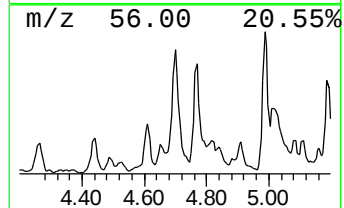
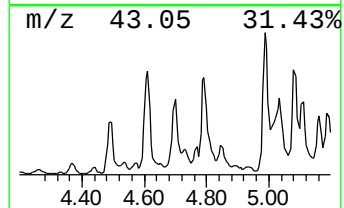
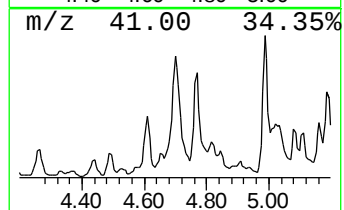
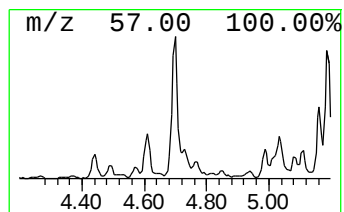
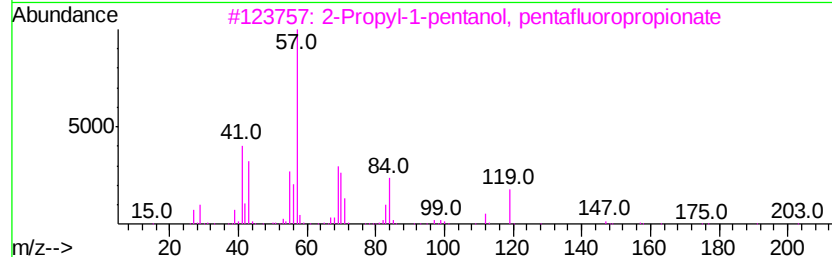
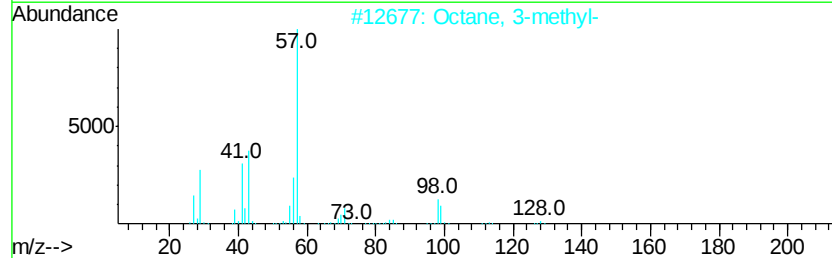
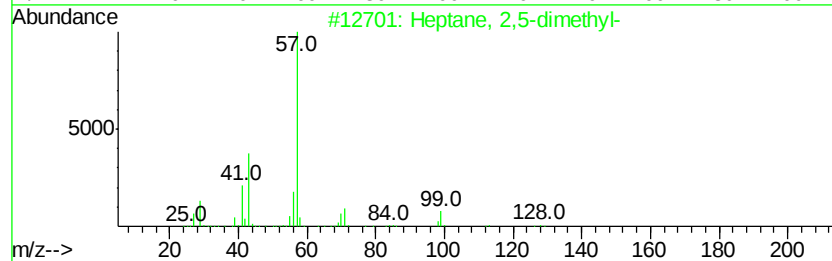
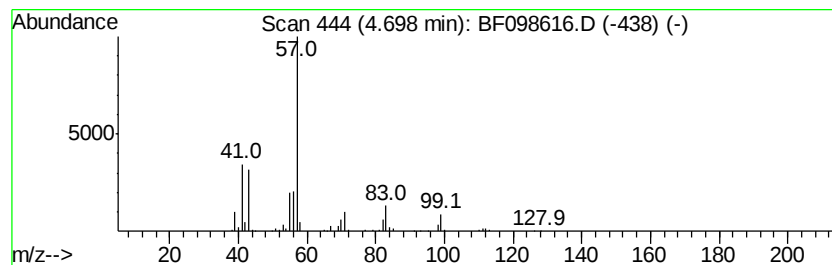
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Heptane, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.70	14.62 ng	861211	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
2		Octane, 3-methyl-	128	C9H20	002216-33-3	59
3		2-Propyl-1-pentanol, pentafluoro...	276	C11H17F5O2	1000365-51-2	50
4		Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	49
5		Decanal	156	C10H20O	000112-31-2	43



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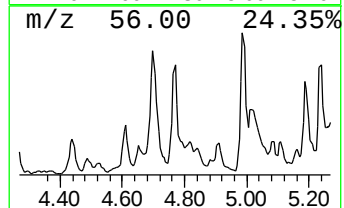
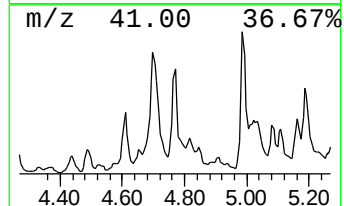
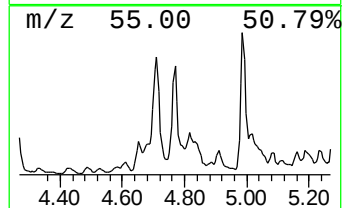
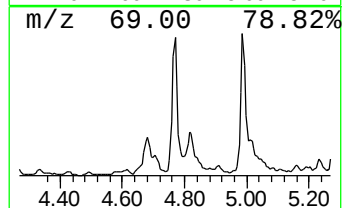
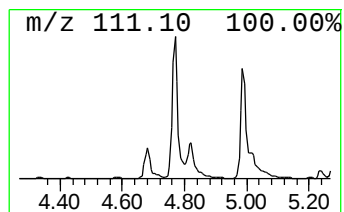
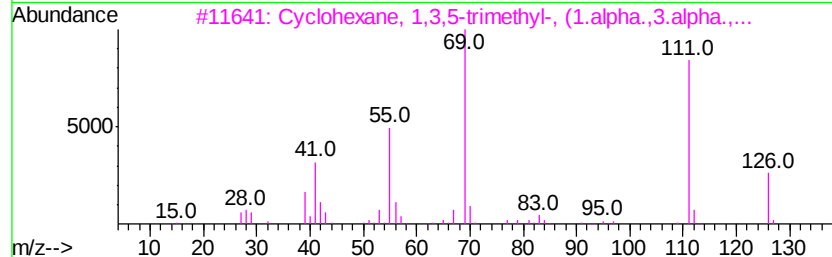
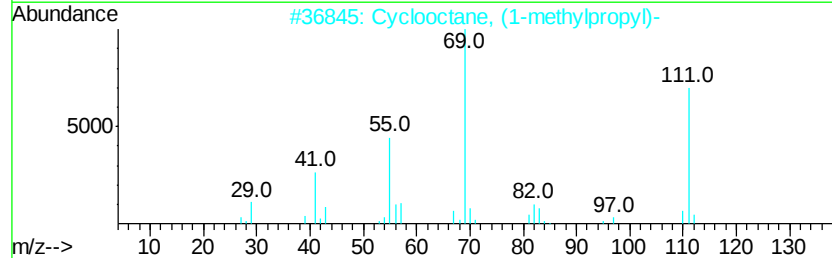
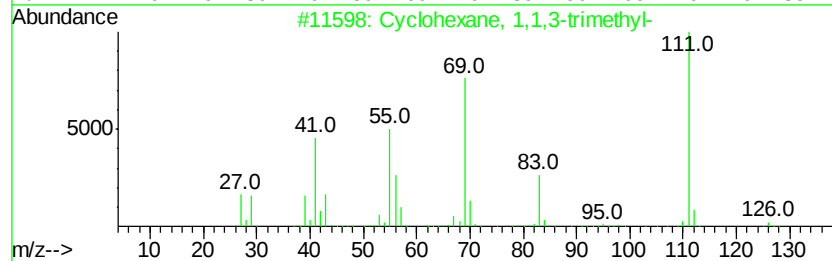
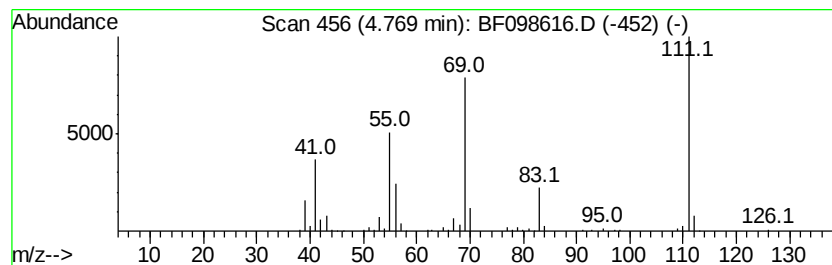
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclohexane, 1,1,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.77	9.60 ng	565588	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
2		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	72
3		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	64
4		Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5		Cyclohexane, 1-ethyl-1,4-dimethy...	140	C10H20	062238-32-8	64



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ALS Vial : 22 Sample Multiplier: 1

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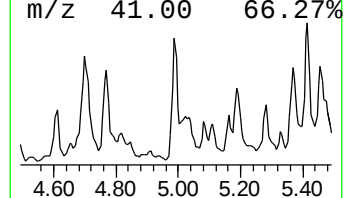
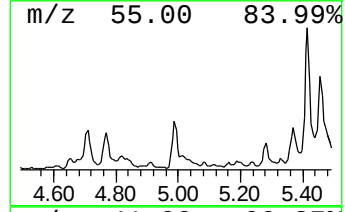
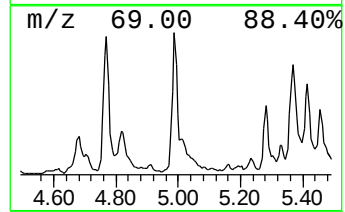
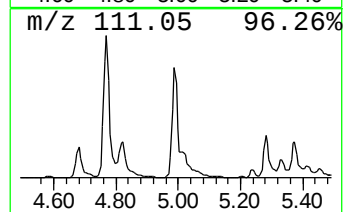
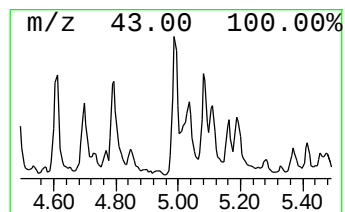
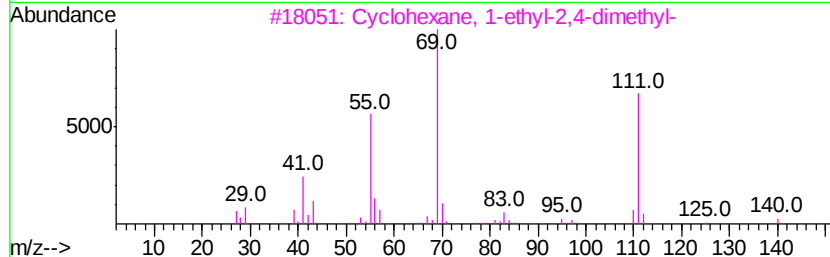
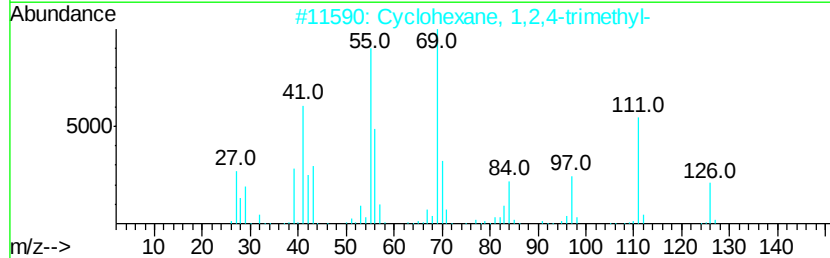
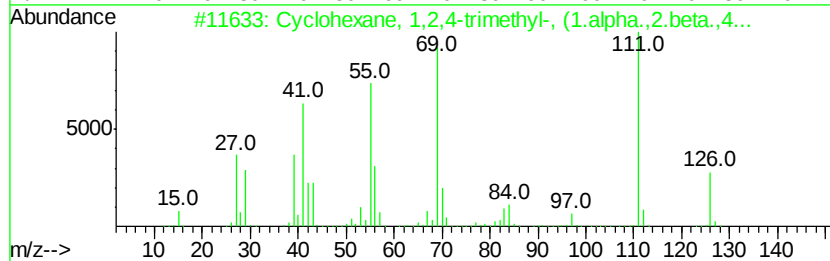
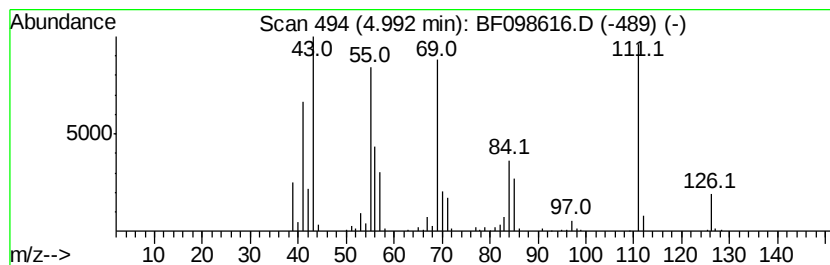
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, 1,2,4-trimethy... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.99	15.59 ng	918435	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 1,2,4-trimethyl-, (...)	126	C9H18	007667-60-9	83
2			Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	62
3			Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	53
4			Pentane, 3-methylene-	84	C6H12	000760-21-4	46
5			1-Pentene, 3-methyl-	84	C6H12	000760-20-3	46



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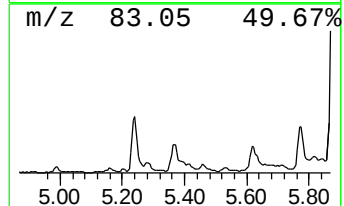
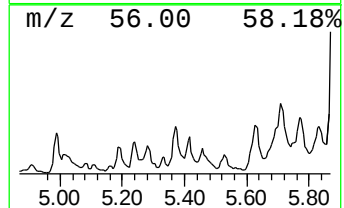
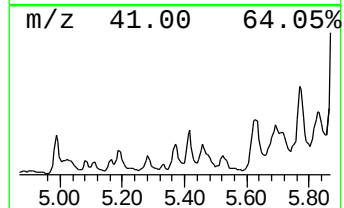
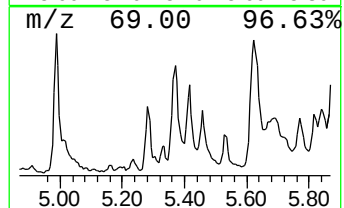
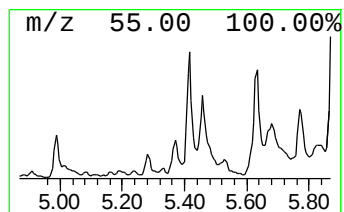
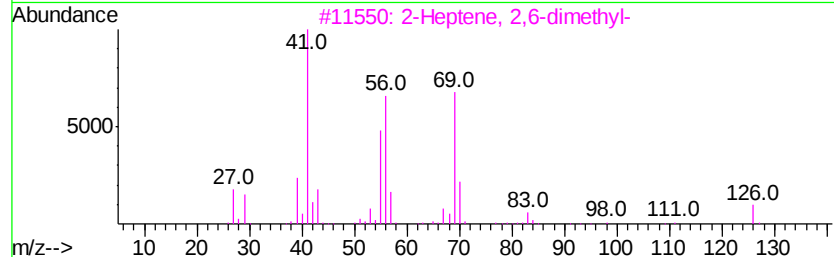
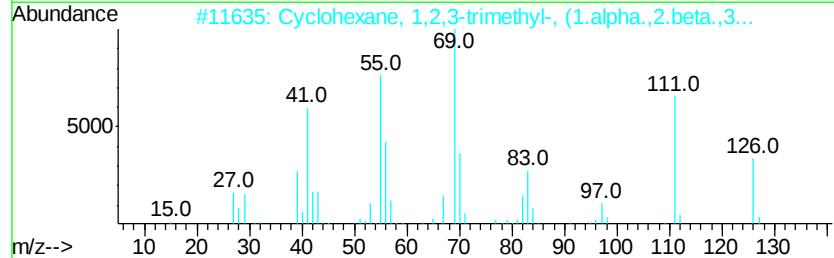
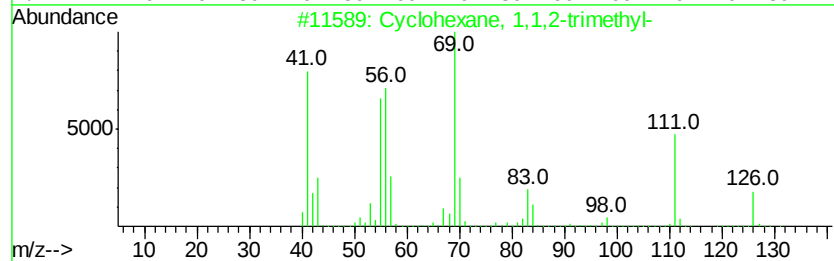
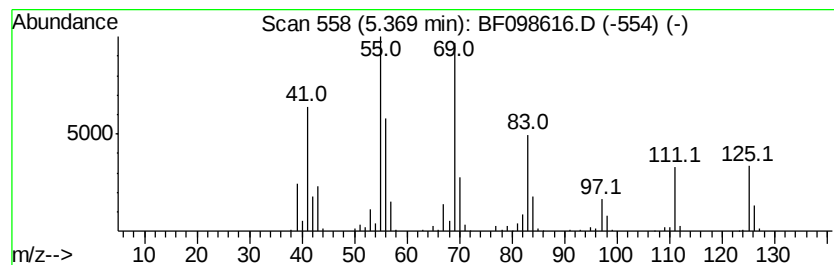
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Cyclohexane, 1,1,2-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.37	12.70 ng	747910	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	64
2		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	001678-81-5	62
3		2-Heptene, 2,6-dimethyl-	126	C9H18	005557-98-2	53
4		2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	52
5		3-Nonene, (E)-	126	C9H18	020063-92-7	52



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Operator : SJ/JU
Sample : I5265-16
Misc :
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ClientSampleId :
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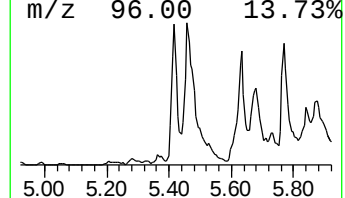
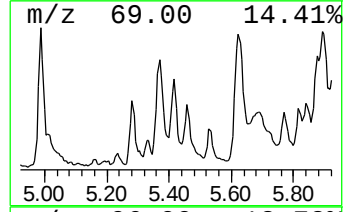
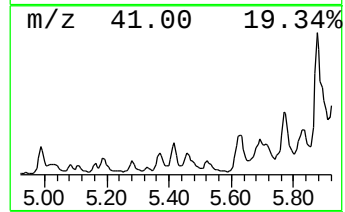
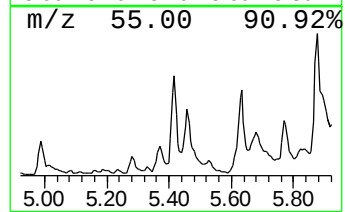
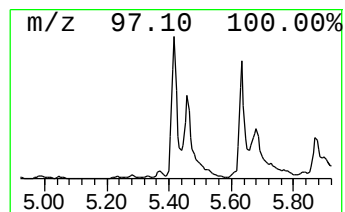
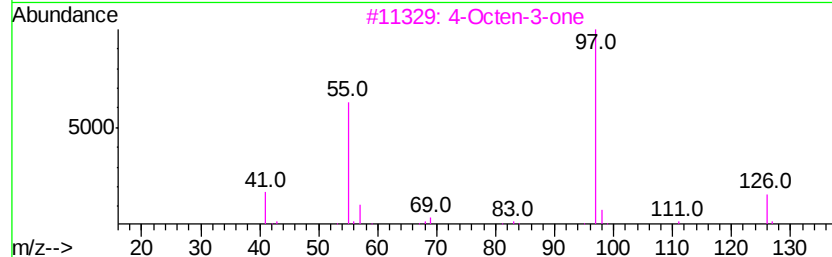
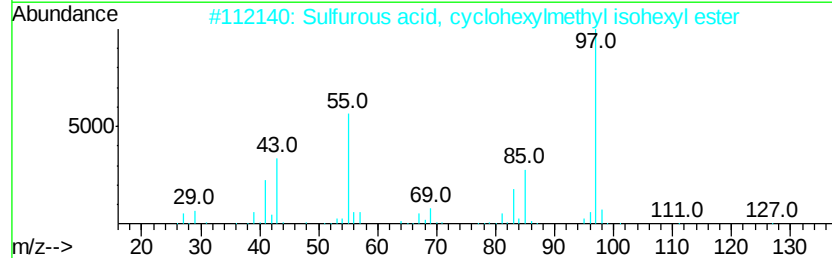
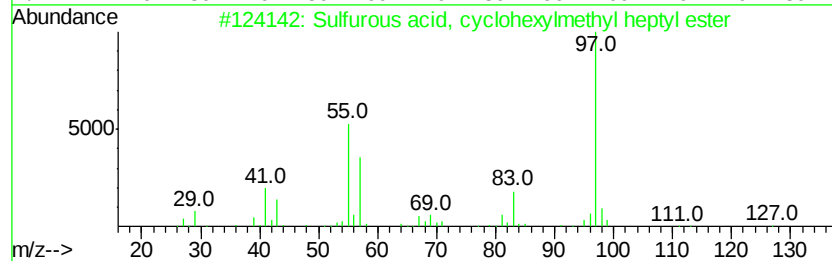
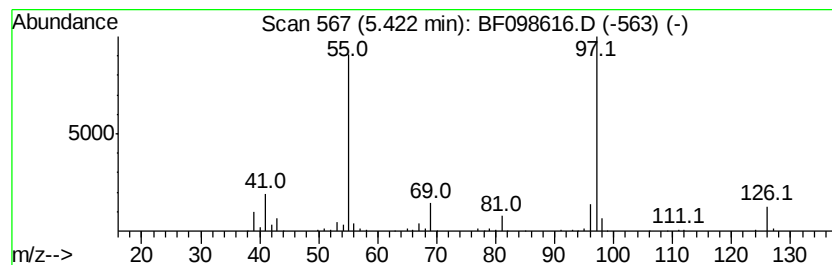
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.42	14.75 ng	868692	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, cvclohexylmethylvl...	276	C14H28O3S	1000309-21-7	64
2		Sulfurous acid, cvclohexylmethylvl...	262	C13H26O3S	1000309-21-5	64
3		4-Octen-3-one	126	C8H14O	014129-48-7	64
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	64
5		Sulfurous acid, cyclohexylmethylvl...	416	C24H48O3S	1000309-22-5	59



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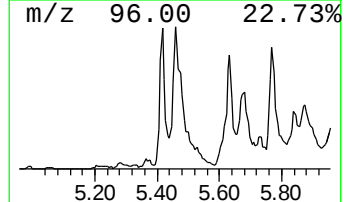
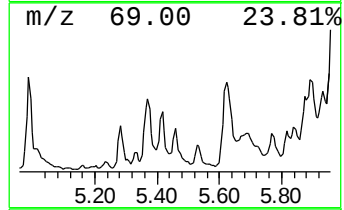
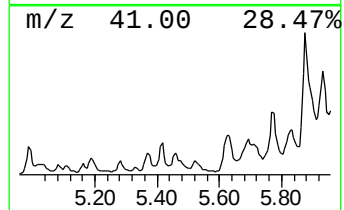
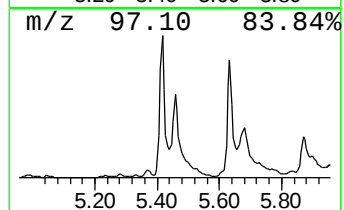
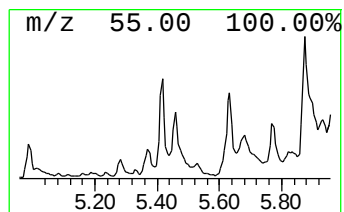
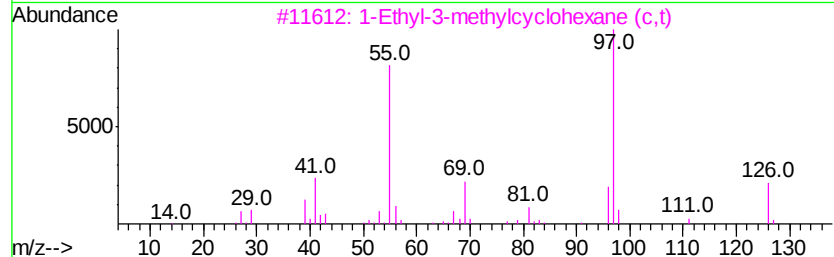
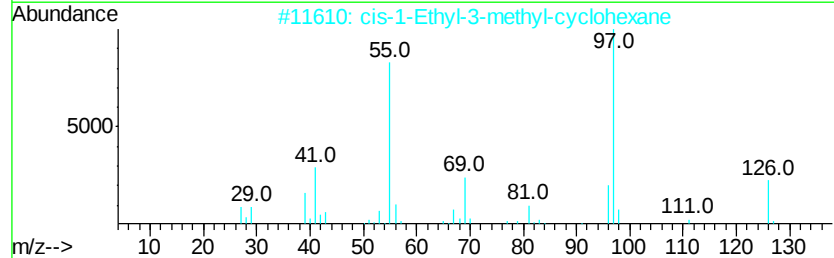
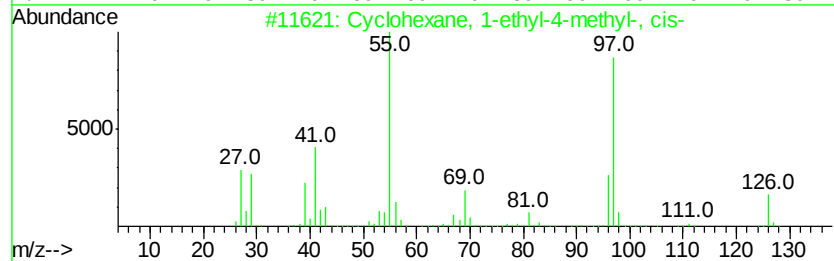
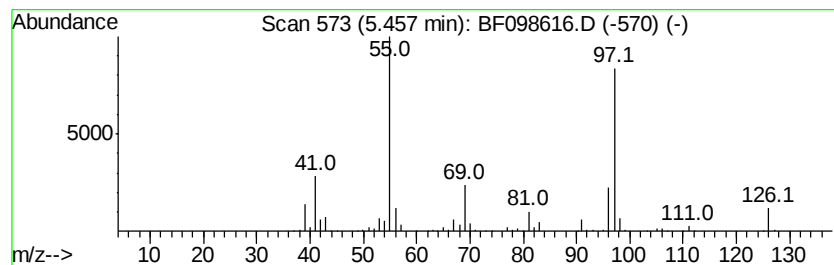
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Cyclohexane, 1-ethyl-4-meth... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	16.58 ng	976672	1,4-Dichlorobenzene-d4	6.64

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



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Sample : I5265-16
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ALS Vial : 22 Sample Multiplier: 1

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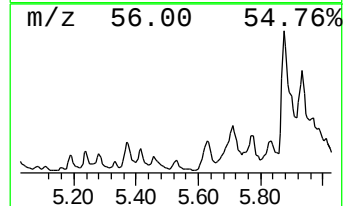
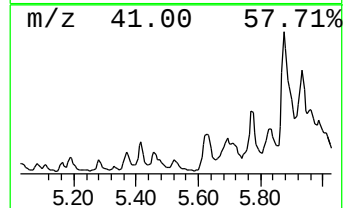
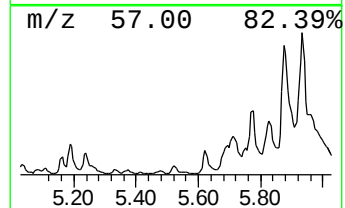
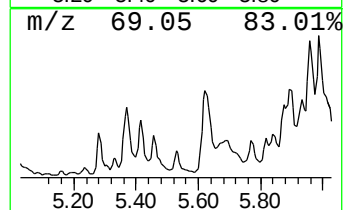
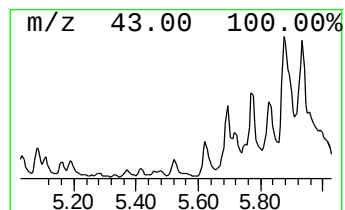
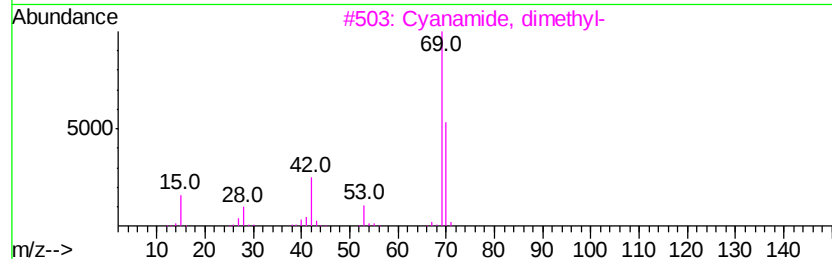
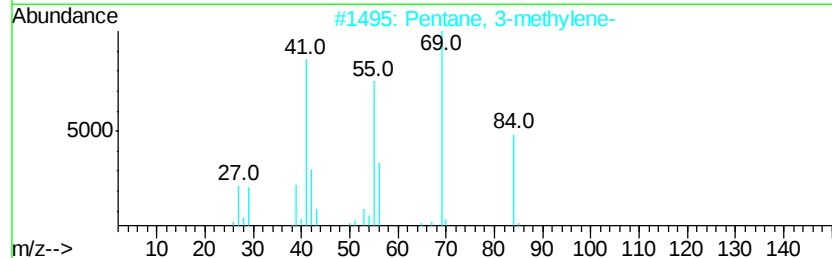
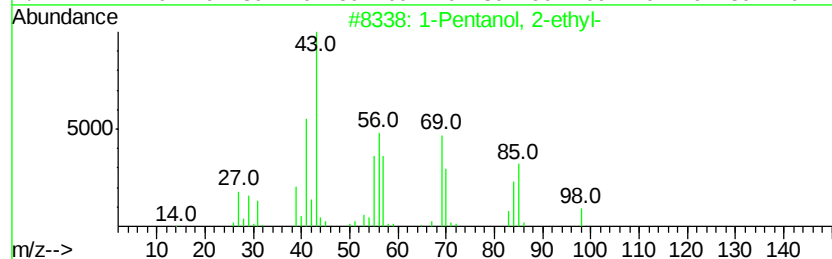
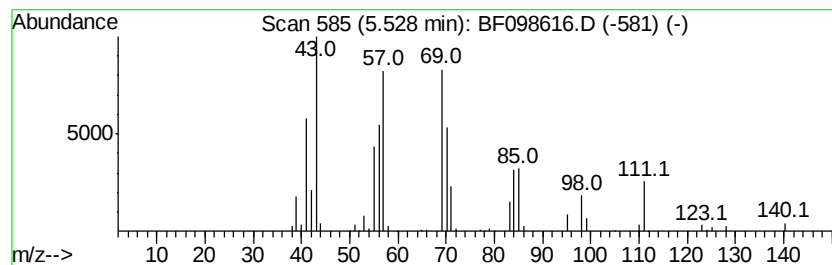
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Pentanol, 2-ethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.53	8.19 ng	482507	1,4-Dichlorobenzene-d4	6.64

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Pentanol, 2-ethyl-	116	C7H16O	027522-11-8	64
2			Pentane, 3-methylene-	84	C6H12	000760-21-4	43
3			Cyanamide, dimethyl-	70	C3H6N2	001467-79-4	38
4			Cyclopentane, 1,2-dimethyl-, cis-	98	C7H14	001192-18-3	38
5			1-Butene, 2,3-dimethyl-	84	C6H12	000563-78-0	30



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Misc :
ALS Vial : 22 Sample Multiplier: 1

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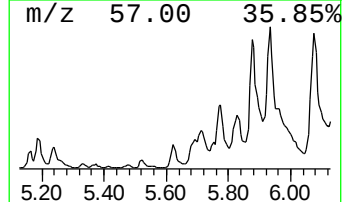
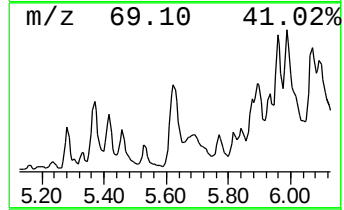
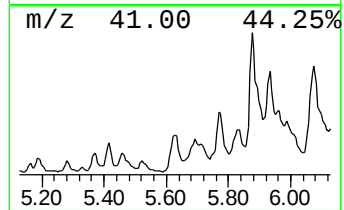
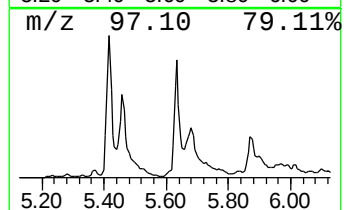
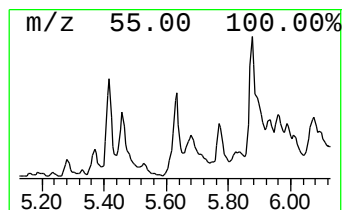
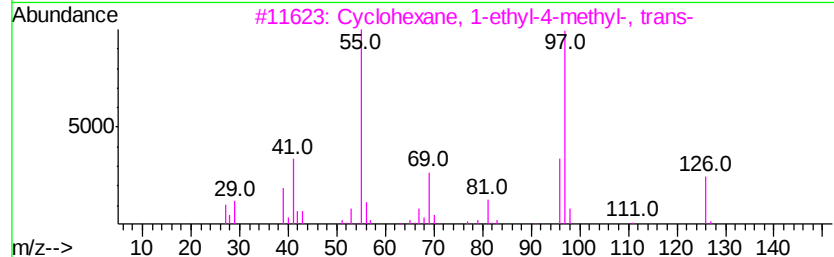
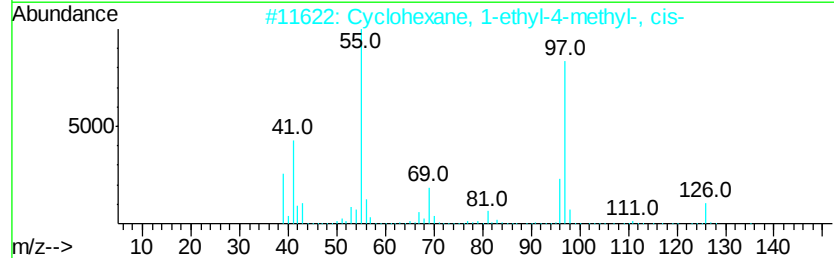
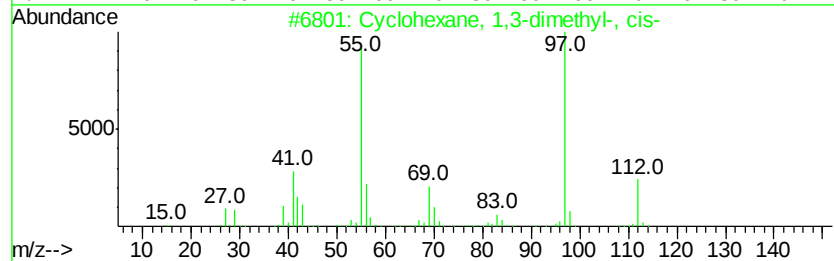
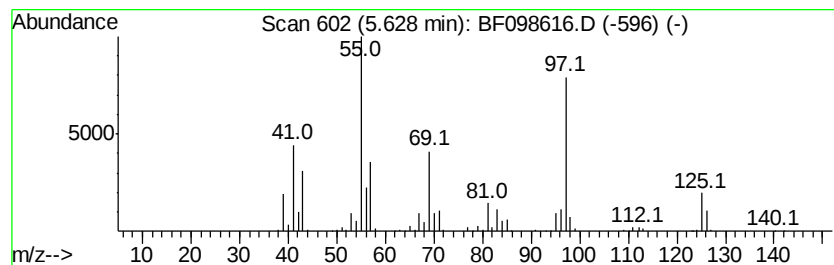
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclohexane, 1,3-dimethyl-,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.63	38.74 ng	2281700	1,4-Dichlorobenzene-d4	6.64

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	58
2		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	52
3		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	52
4		Sulfurous acid, cyclohexylmethyl...	332	C18H36O3S	1000309-21-9	50
5		3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	50



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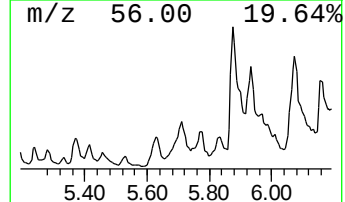
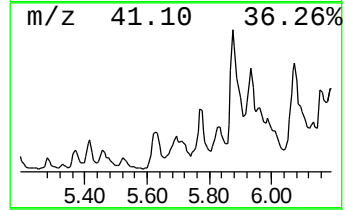
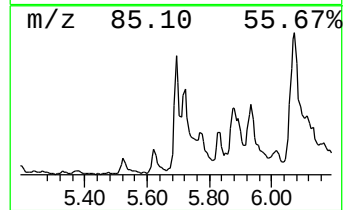
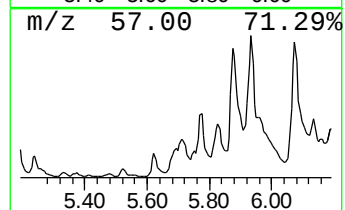
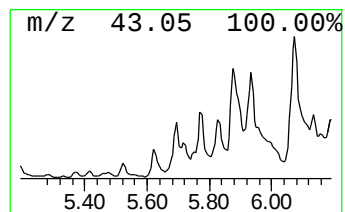
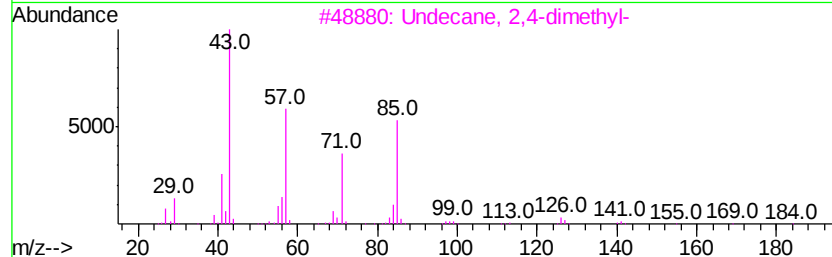
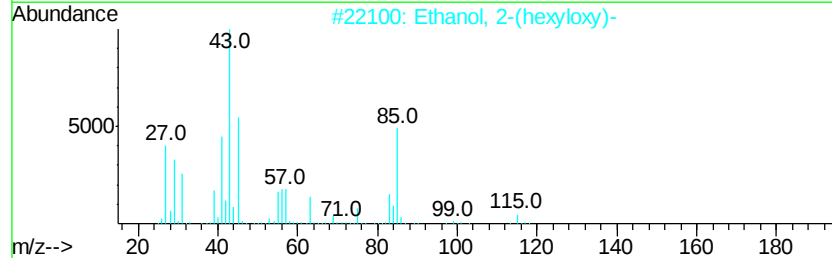
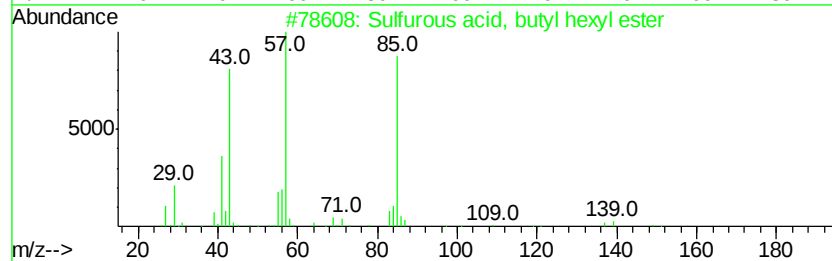
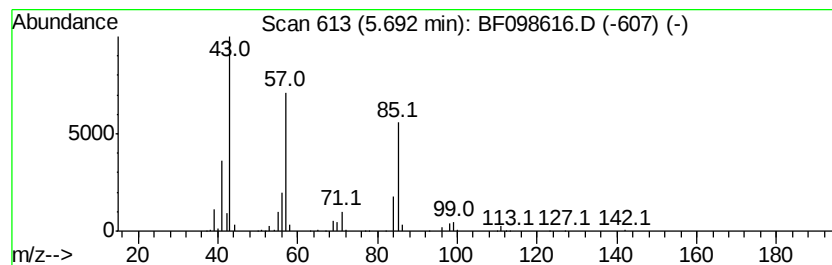
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Sulfurous acid, butyl hexyl... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.69	15.41 ng	907591	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl hexyl ester	222	C10H22O3S	1000309-17-3	64
2		Ethanol, 2-(hexyloxy)-	146	C8H18O2	000112-25-4	64
3		Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	59
4		Heptane, 4,4-dimethyl-	128	C9H20	001068-19-5	53
5		Hexane, 1-propoxy-	144	C9H20O	053685-78-2	50



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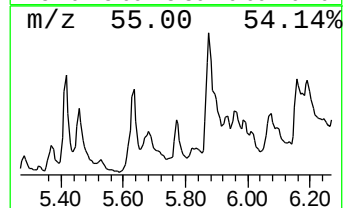
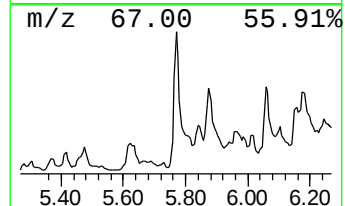
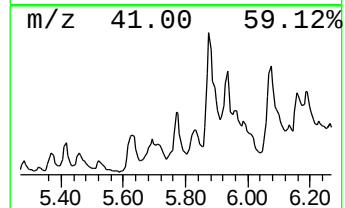
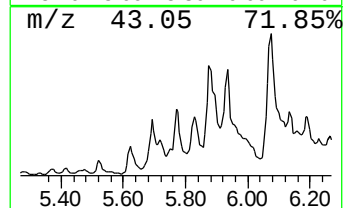
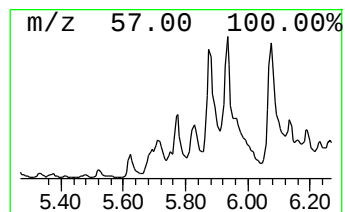
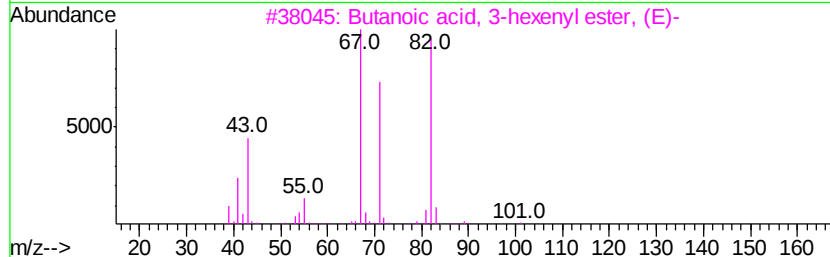
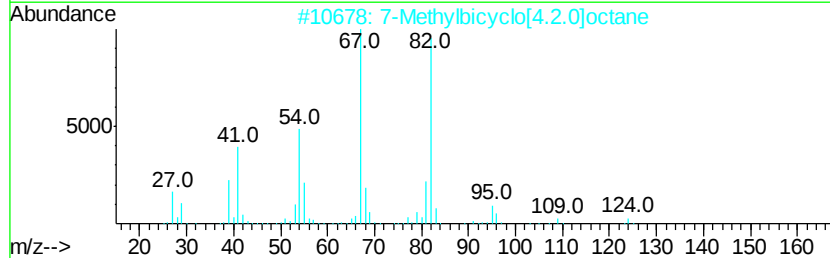
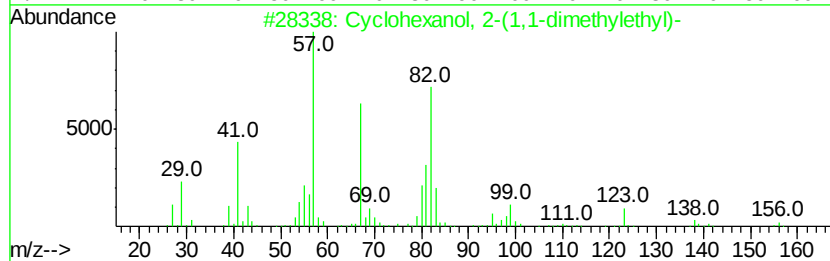
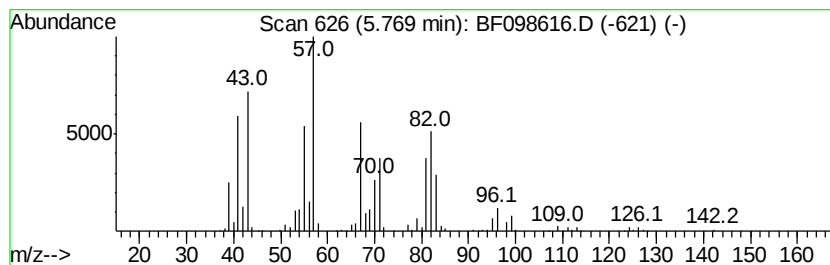
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Cyclohexanol, 2-(1,1-dimeth... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.77	32.80 ng	1931780	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanol, 2-(1,1-dimethyleth...	156	C10H20O	013491-79-7	50
2		7-Methylbicyclo[4.2.0]octane	124	C9H16	1000210-90-2	45
3		Butanoic acid, 3-hexenyl ester, ...	170	C10H18O2	053398-84-8	43
4		Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	38
5		4-Methyl-1,3-pentadiene	82	C6H10	000926-56-7	38



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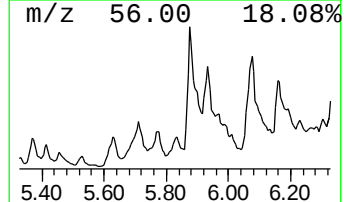
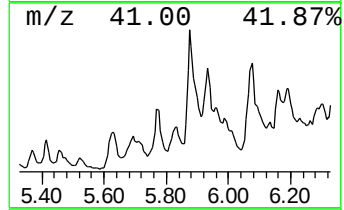
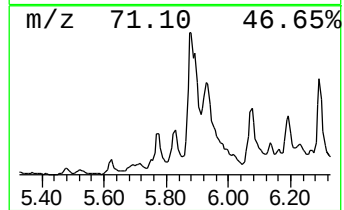
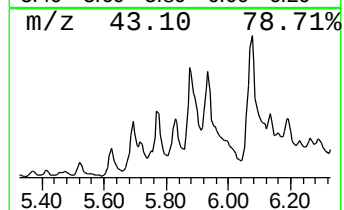
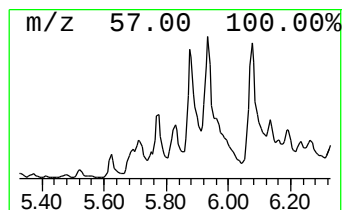
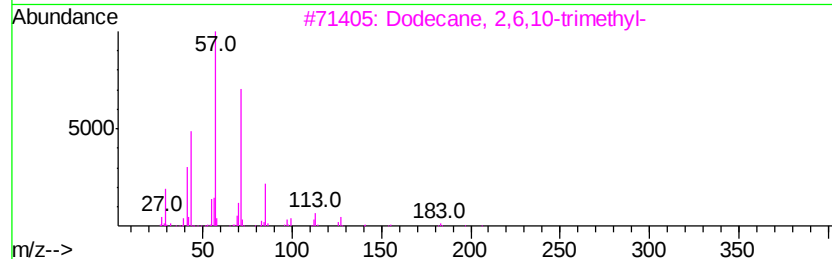
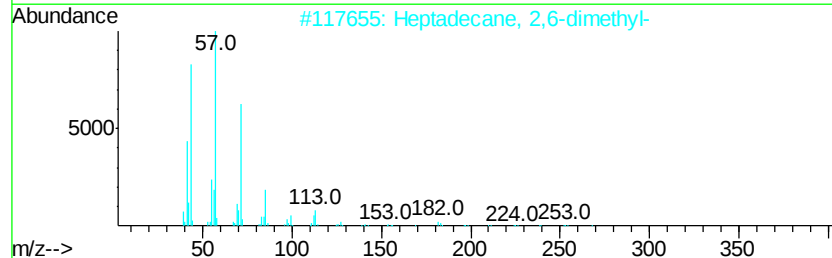
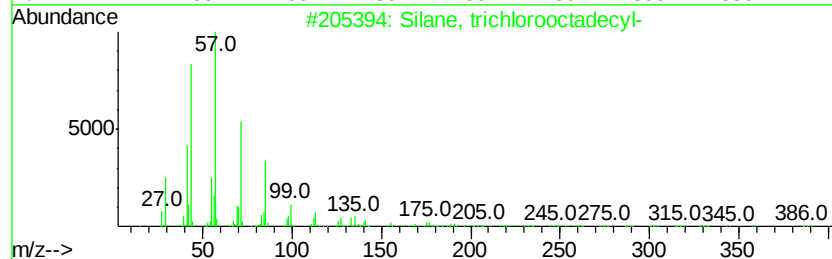
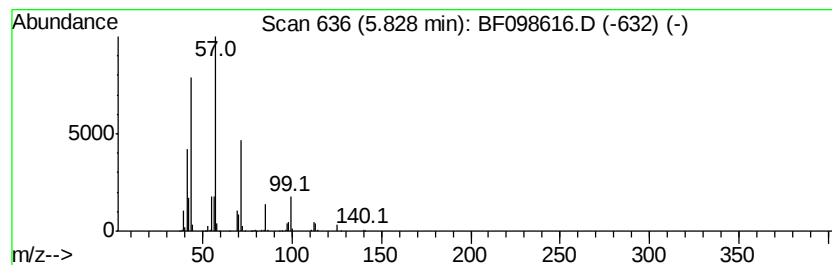
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Silane, trichlorooctadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	19.21 ng	1131470	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
2		Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	64
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	59
4		Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	59
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098616.D
Acq On : 18 Sep 2017 21:52
Operator : SJ/JU
Sample : I5265-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleID :
TP-33D24

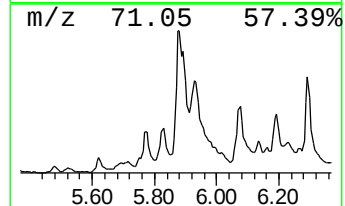
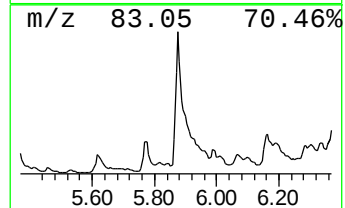
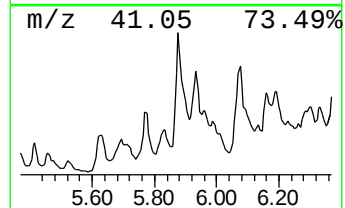
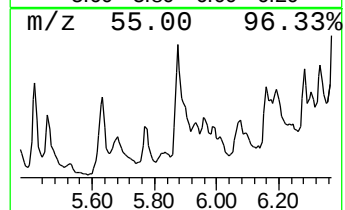
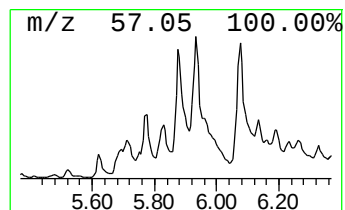
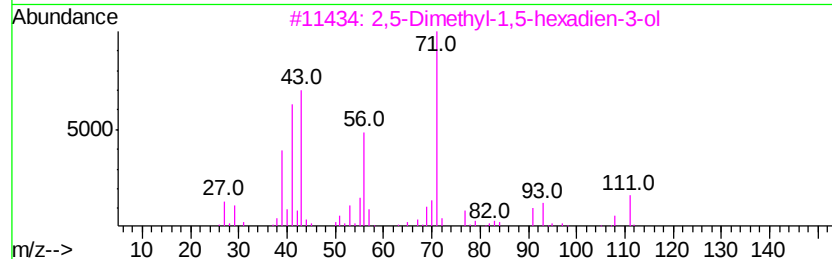
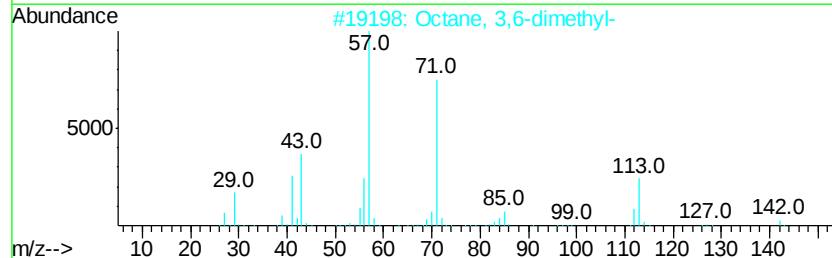
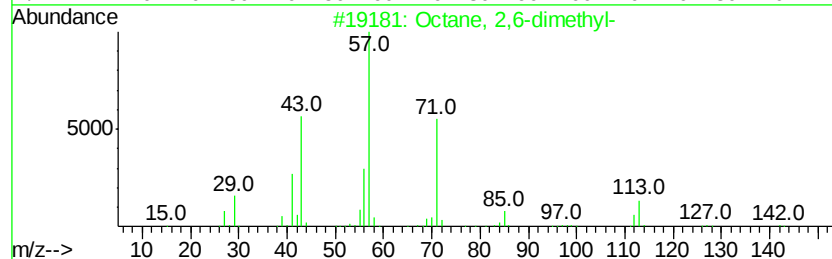
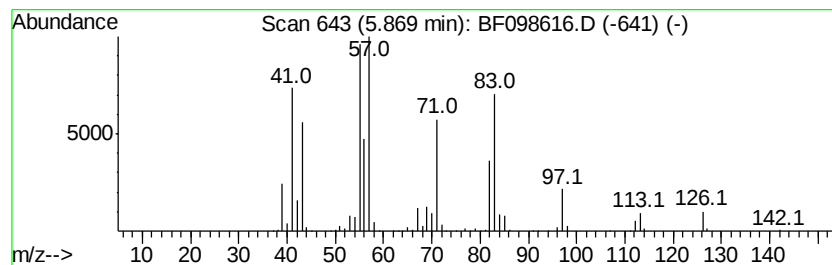
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown5.87 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.87	85.85 ng	5056640	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	49
2		Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	38
3		2,5-Dimethyl-1,5-hexadien-3-ol	126	C8H14O	017123-63-6	35
4		Sulfurous acid, 2-ethylhexyl pen...	264	C13H28O3S	1000309-18-9	27
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098616.D
Acq On : 18 Sep 2017 21:52
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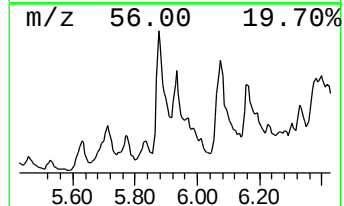
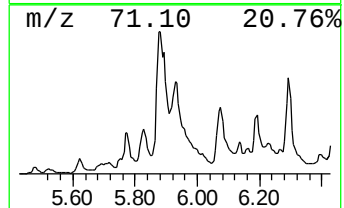
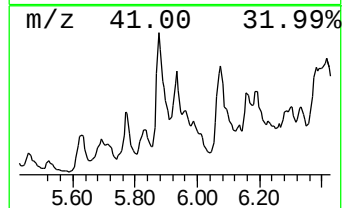
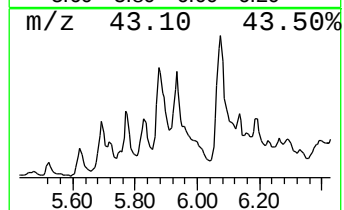
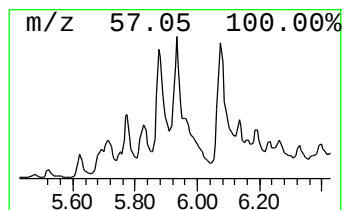
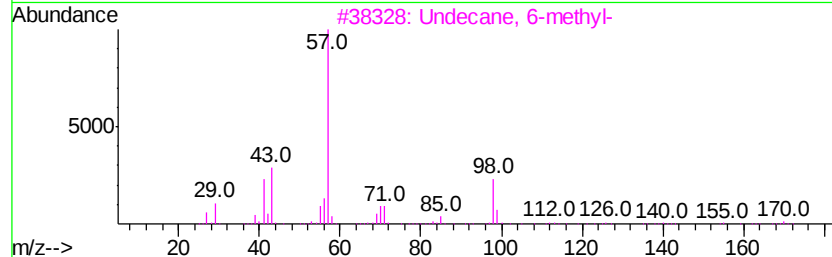
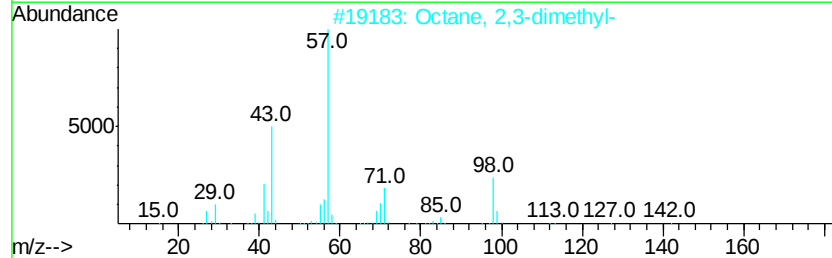
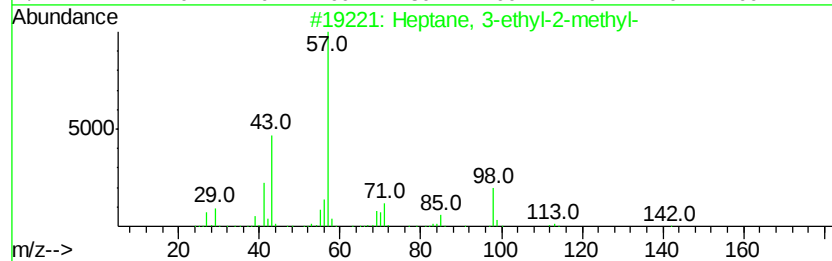
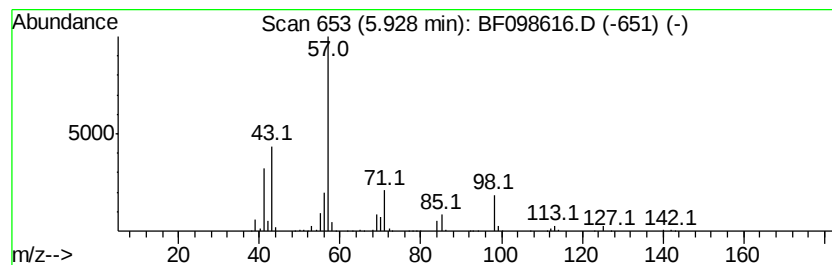
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptane, 3-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.93	20.11 ng	1184530	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	90
2		Octane, 2,3-dimethyl-	142	C10H22	007146-60-3	80
3		Undecane, 6-methyl-	170	C12H26	017302-33-9	72
4		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	68
5		Decane, 2,5-dimethyl-	170	C12H26	017312-50-4	59



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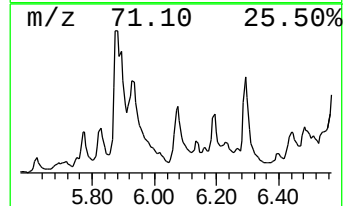
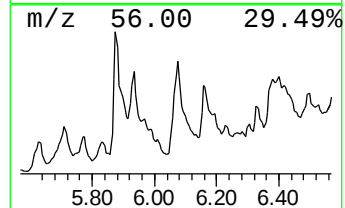
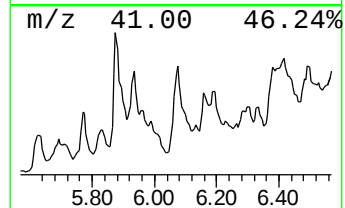
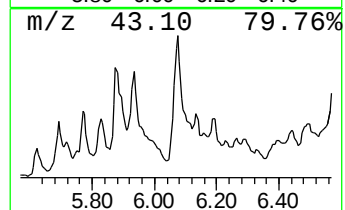
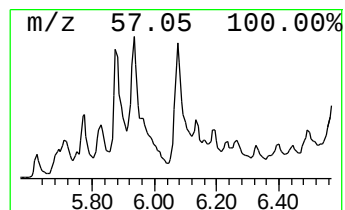
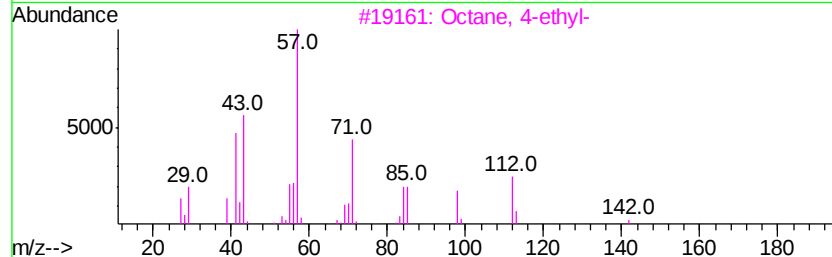
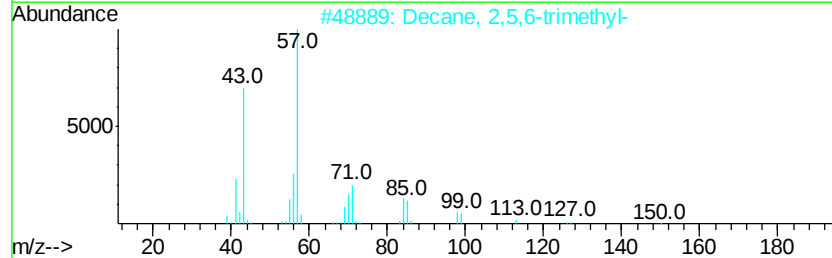
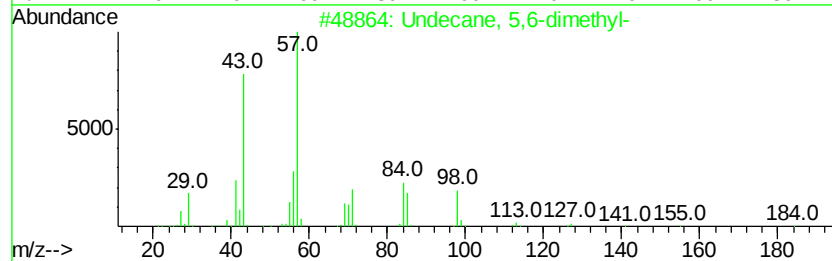
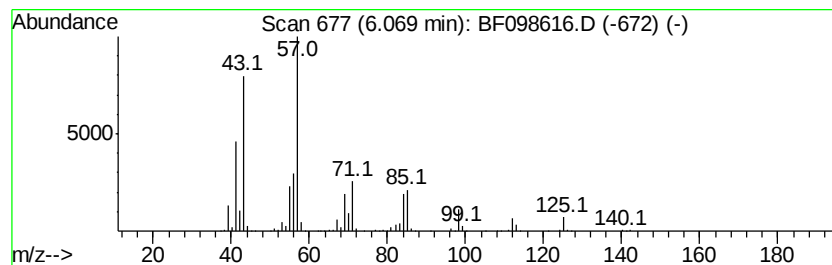
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Undecane, 5,6-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.07	88.53 ng	5214790	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	72
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	53
5		Carbonic acid, butyl 2-ethylhexy...	230	C13H26O3	1000357-84-4	50



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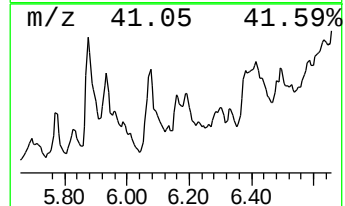
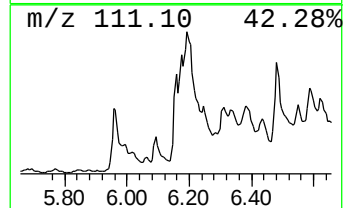
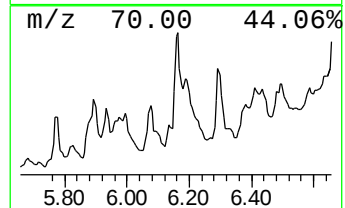
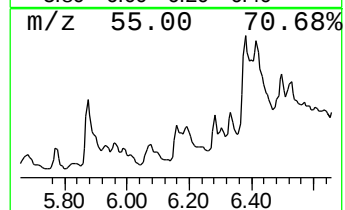
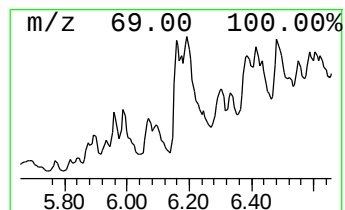
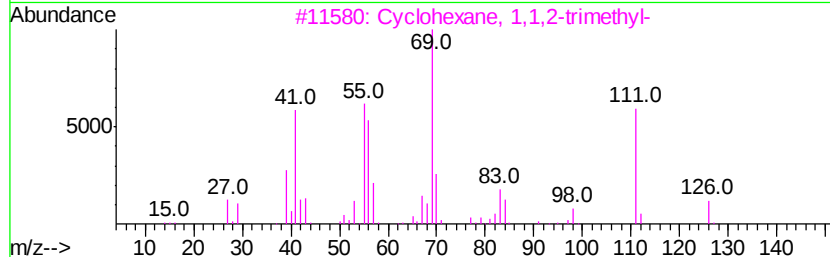
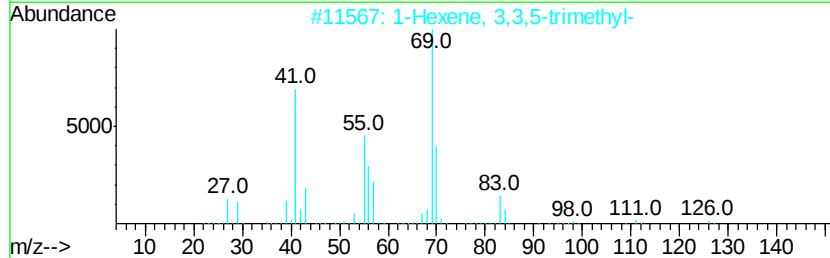
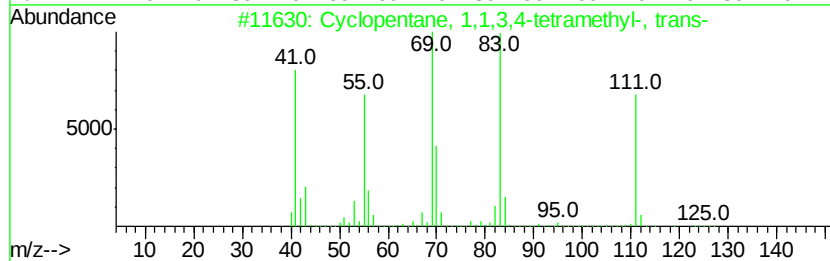
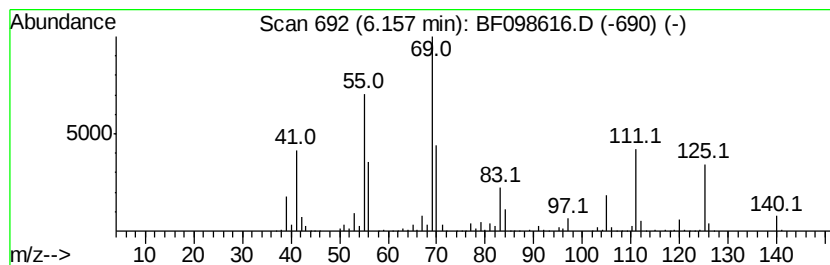
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Cyclopentane, 1,1,3,4-tetra... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	24.72 ng	1455820	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1,3,4-tetramethy...	126	C9H18	020309-77-7	53
2		1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
3		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	53
4		1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	50
5		Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	49



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
Data File : BF098616.D
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Misc :
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ClientSampled :
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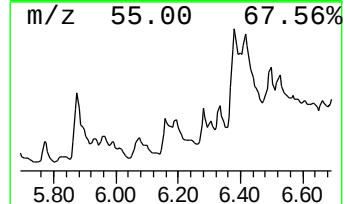
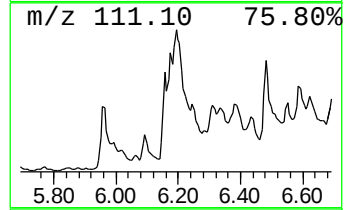
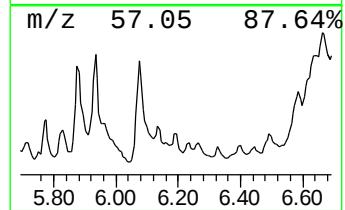
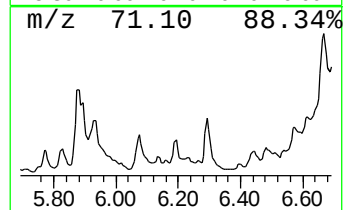
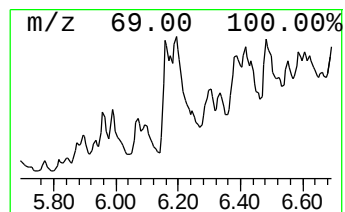
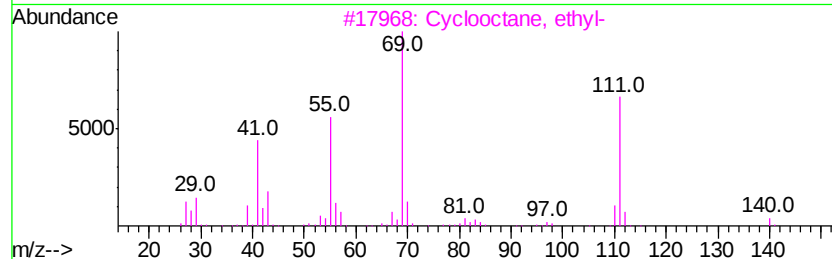
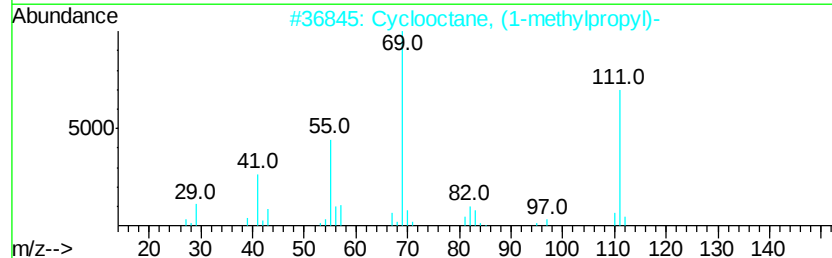
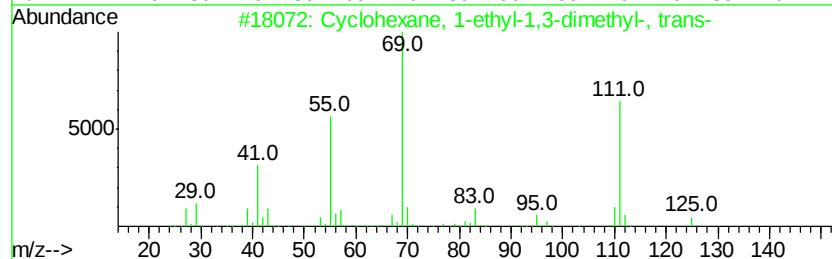
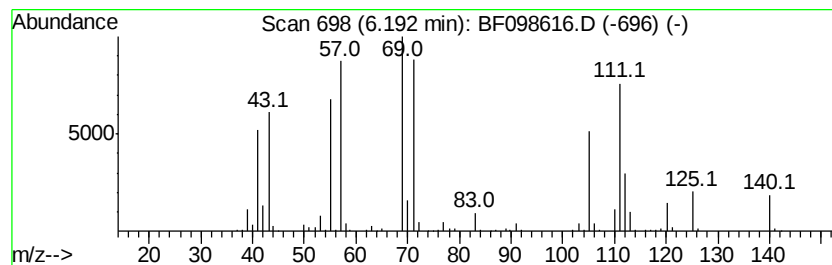
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown6.19 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.19	24.85 ng	1463760	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1,3-dimethyl...	140	C10H20	062238-29-3	43
2		Cyclooctane, (1-methylpropyl)-	168	C12H24	016538-89-9	43
3		Cyclooctane, ethyl-	140	C10H20	013152-02-8	38
4		Cyclohexane, 1,3,5-trimethyl-, (...	126	C9H18	001795-27-3	35
5		Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF091817\
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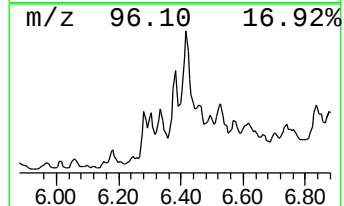
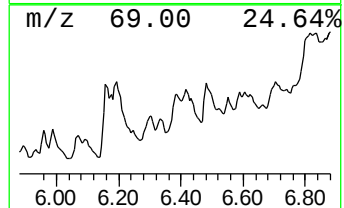
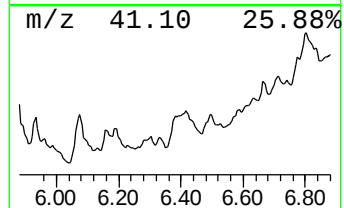
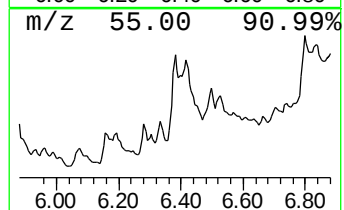
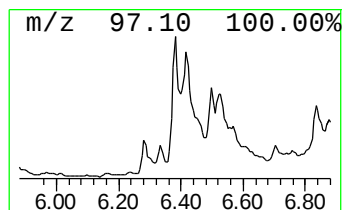
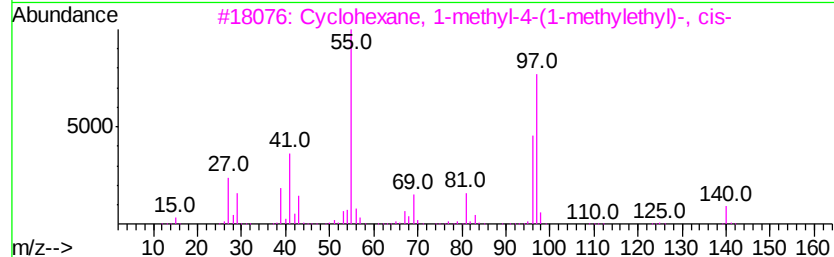
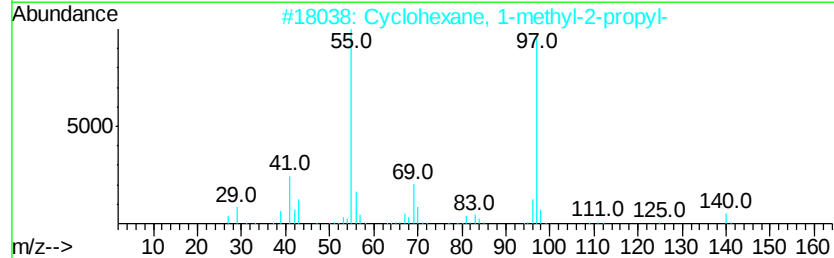
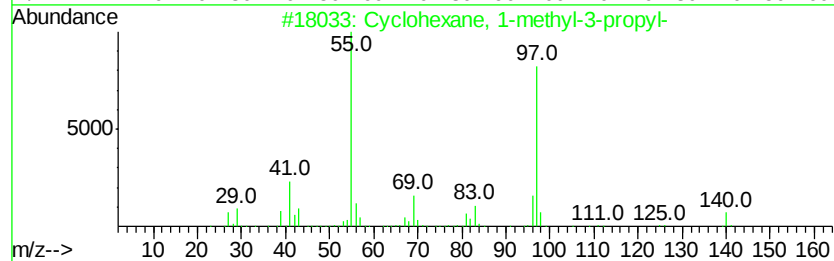
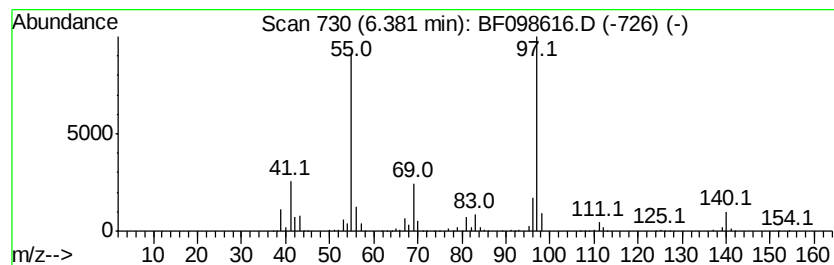
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, 1-methyl-3-pro... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	51.08 ng	3008450	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-methyl-3-propyl-	140	C10H20	004291-80-9	90
2		Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	83
3		Cyclohexane, 1-methyl-4-(1-methyl-...)	140	C10H20	006069-98-3	80
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	72
5		Cyclohexane, 1-methyl-4-(1-methyl-...)	140	C10H20	001678-82-6	72



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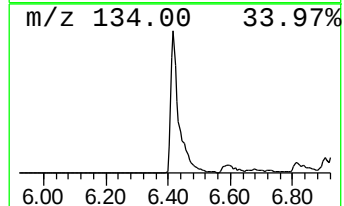
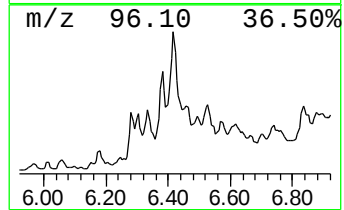
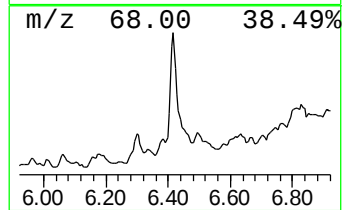
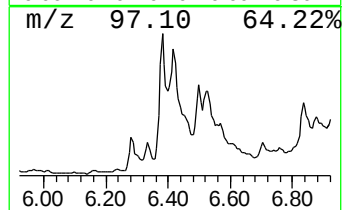
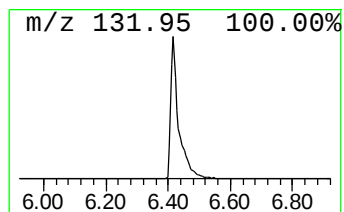
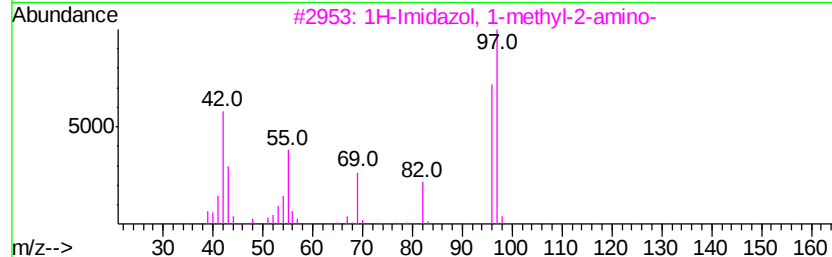
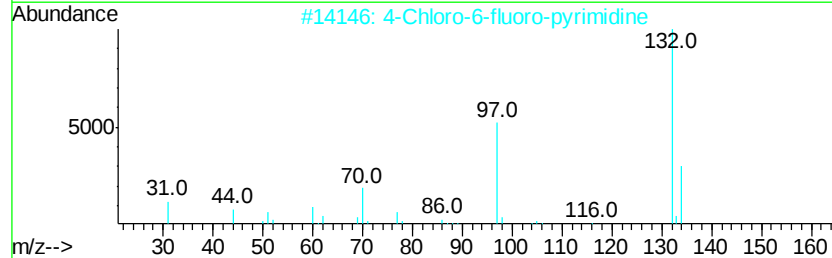
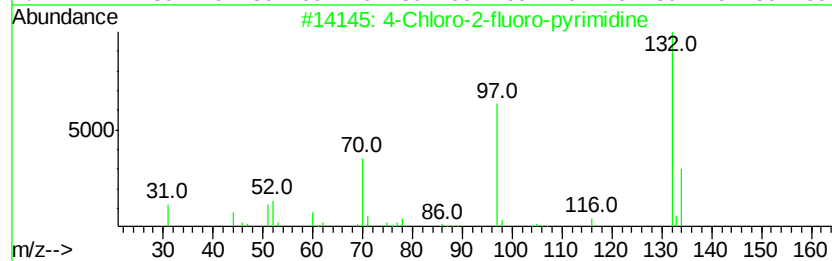
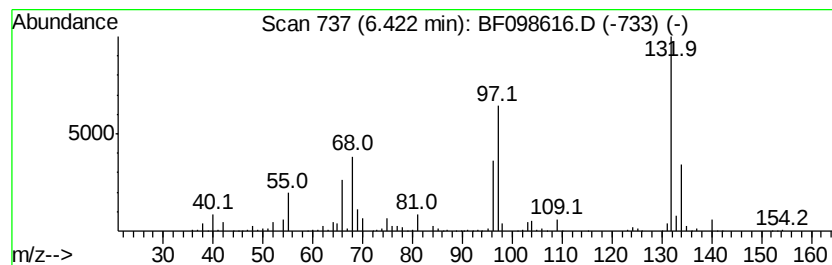
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown6.42 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	64.79 ng	3816520	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	35
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	25
3		1H-Imidazol, 1-methyl-2-amino-	97	C4H7N3	006646-51-1	11
4		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
5		Masseoillactone	168	C10H16O2	051154-96-2	10



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
Data File : BF098616.D
Acq On : 18 Sep 2017 21:52
Operator : SJ/JU
Sample : I5265-16
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-33D24

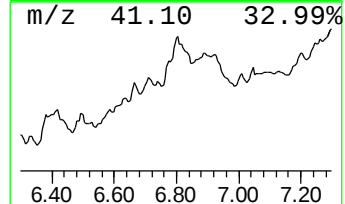
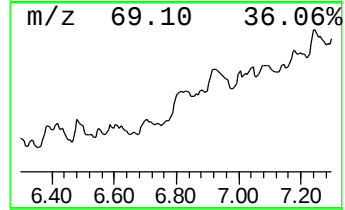
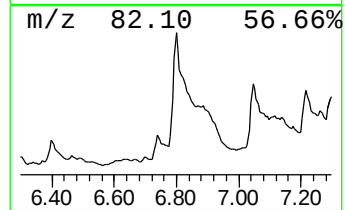
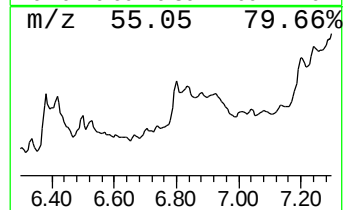
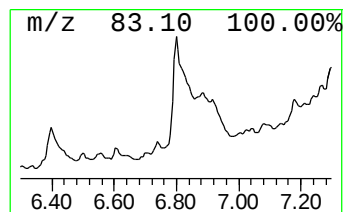
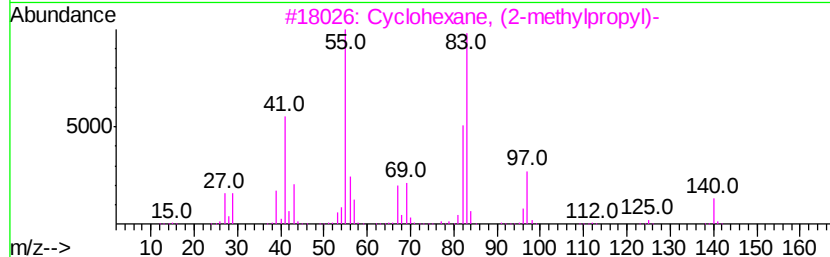
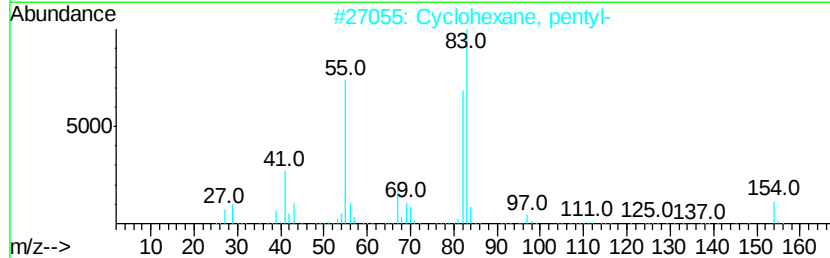
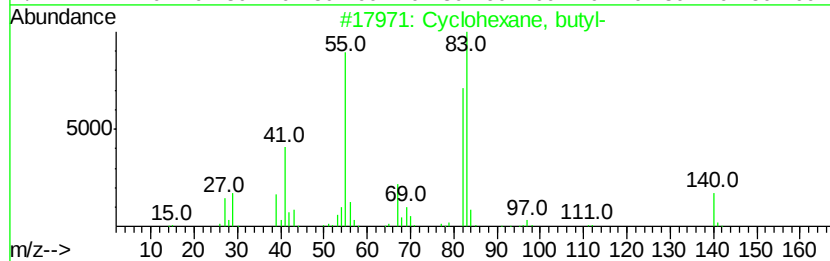
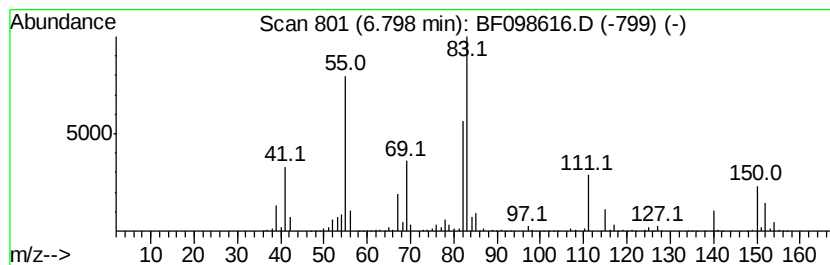
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Cyclohexane, butyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	61.02 ng	3594180	1,4-Dichlorobenzene-d4	6.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	70
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3		Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	58
4		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091817\
 Data File : BF098616.D
 Acq On : 18 Sep 2017 21:52
 Operator : SJ/JU
 Sample : I5265-16
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-33D24

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.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, 1,2-...	4.15	9.2	ng	542628	1	6.64	1178040	20.0
Heptane, 2,5-dime...	4.70	14.6	ng	861211	1	6.64	1178040	20.0
Cyclohexane, 1,1,...	4.77	9.6	ng	565588	1	6.64	1178040	20.0
Cyclohexane, 1,2,...	4.99	15.6	ng	918435	1	6.64	1178040	20.0
Cyclohexane, 1,1,...	5.37	12.7	ng	747910	1	6.64	1178040	20.0
Sulfurous acid, c...	5.42	14.8	ng	868692	1	6.64	1178040	20.0
Cyclohexane, 1-et...	5.46	16.6	ng	976672	1	6.64	1178040	20.0
1-Pentanol, 2-ethyl-	5.53	8.2	ng	482507	1	6.64	1178040	20.0
Cyclohexane, 1,3-...	5.63	38.7	ng	2281700	1	6.64	1178040	20.0
Sulfurous acid, b...	5.69	15.4	ng	907591	1	6.64	1178040	20.0
Cyclohexanol, 2-(...	5.77	32.8	ng	1931780	1	6.64	1178040	20.0
Silane, trichloro...	5.83	19.2	ng	1131470	1	6.64	1178040	20.0
unknown5.87	5.87	85.8	ng	5056640	1	6.64	1178040	20.0
Heptane, 3-ethyl-...	5.93	20.1	ng	1184530	1	6.64	1178040	20.0
Undecane, 5,6-dim...	6.07	88.5	ng	5214790	1	6.64	1178040	20.0
Cyclopentane, 1,1...	6.16	24.7	ng	1455820	1	6.64	1178040	20.0
unknown6.19	6.19	24.9	ng	1463760	1	6.64	1178040	20.0
Cyclohexane, 1-me...	6.38	51.1	ng	3008450	1	6.64	1178040	20.0
unknown6.42	6.42	64.8	ng	3816520	1	6.64	1178040	20.0
Cyclohexane, butyl-	6.80	61.0	ng	3594180	1	6.64	1178040	20.0