

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
 Data File : BF085062.D
 Acq On : 13 Feb 2016 2:03
 Operator : SJ/IZ
 Sample : H1396-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S4-B002(10-12)

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-BF021316.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	1.655	5	6	10	rVB	209315	234260	4.01%	0.497%
2	1.724	10	12	50	rVB	1978320	5841463	100.00%	12.391%
3	2.901	112	115	117	rBV2	46240	82163	1.41%	0.174%
4	3.244	142	145	148	rBV	43975	77196	1.32%	0.164%
5	3.587	172	175	180	rBV2	86331	192745	3.30%	0.409%
6	3.701	180	185	197	rBV2	203265	812615	13.91%	1.724%
7	3.873	197	200	202	rBV	77209	148980	2.55%	0.316%
8	3.964	205	208	211	rBV	59784	91871	1.57%	0.195%
9	4.067	216	217	221	rVB	90865	131500	2.25%	0.279%
10	4.147	221	224	233	rBV	484351	2296048	39.31%	4.870%
11	4.318	238	239	242	rVB	63466	66064	1.13%	0.140%
12	4.444	248	250	257	rVB4	34483	66461	1.14%	0.141%
13	4.559	257	260	263	rVB2	65792	148877	2.55%	0.316%
14	4.627	263	266	271	rVB4	54166	133839	2.29%	0.284%
15	4.730	272	275	278	rVB	94327	139635	2.39%	0.296%
16	4.787	278	280	283	rBV3	37093	69518	1.19%	0.147%
17	4.844	283	285	289	rVB	153628	263658	4.51%	0.559%
18	4.913	289	291	293	rBV2	59293	87544	1.50%	0.186%
19	5.096	303	307	309	rBV2	102458	191025	3.27%	0.405%
20	5.164	311	313	317	rBV2	114212	313832	5.37%	0.666%
21	5.301	323	325	334	rBV5	62321	253270	4.34%	0.537%
22	5.439	334	337	341	rBV	614105	2002895	34.29%	4.249%
23	5.564	345	348	365	rVB	1320896	4321250	73.98%	9.166%
24	5.907	373	378	381	rBV2	253274	657886	11.26%	1.396%
25	6.044	389	390	392	rBV	101581	190689	3.26%	0.404%
26	6.090	392	394	405	rVV	1028994	2563441	43.88%	5.438%
27	6.262	408	409	414	rVB2	116645	262267	4.49%	0.556%
28	6.387	417	420	424	rVB2	105237	252004	4.31%	0.535%
29	6.456	424	426	429	rVB	67877	129600	2.22%	0.275%
30	6.513	429	431	438	rVB3	55651	126654	2.17%	0.269%
31	6.662	441	444	446	rBV	195792	348780	5.97%	0.740%
32	6.707	446	448	457	rBV	549652	1676384	28.70%	3.556%
33	6.959	467	470	472	rVB3	36763	75868	1.30%	0.161%
34	7.016	472	475	478	rVV	99769	193100	3.31%	0.410%

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35	7.142	482	486	489	rVB2	39355	110519	1.89%	0.234%
36	7.210	489	492	497	rBV3	130317	324468	5.55%	0.688%
37	7.359	502	505	507	rBV	38774	73958	1.27%	0.157%
38	7.462	512	514	518	rVB4	104989	177918	3.05%	0.377%
39	7.530	518	520	525	rVB3	82765	182192	3.12%	0.386%
40	7.622	525	528	535	rVB	82941	206028	3.53%	0.437%
41	7.782	535	542	546	rBV	488846	1516426	25.96%	3.217%
42	7.953	554	557	560	rVV	167646	241454	4.13%	0.512%
43	8.033	562	564	567	rVB4	59113	109432	1.87%	0.232%
44	8.102	567	570	574	rBV3	96694	201073	3.44%	0.427%
45	8.285	584	586	588	rBV	56852	95449	1.63%	0.202%
46	8.410	594	597	600	rVB	69821	99158	1.70%	0.210%
47	8.536	605	608	611	rBV	98483	162428	2.78%	0.345%
48	8.662	616	619	624	rVB5	44515	122538	2.10%	0.260%
49	8.810	629	632	637	rVB4	47284	147411	2.52%	0.313%
50	9.530	691	695	711	rBV	1994733	4735507	81.07%	10.045%
51	10.216	752	755	764	rBV	147634	551970	9.45%	1.171%
52	10.582	783	787	806	rBV	544441	1523274	26.08%	3.231%
53	11.416	857	860	863	rBV	69730	131215	2.25%	0.278%
54	11.771	888	891	897	rBV	32274	90833	1.55%	0.193%
55	11.874	897	900	921	rVV	1015831	3218769	55.10%	6.828%
56	12.194	925	928	940	rVB	74114	235210	4.03%	0.499%
57	12.994	995	998	1016	rVB	557468	1431540	24.51%	3.037%
58	15.622	1225	1228	1239	rVB	2446619	4645224	79.52%	9.853%
59	17.097	1354	1357	1361	rBV	138993	254404	4.36%	0.540%
60	17.165	1361	1363	1370	rVV	617629	1141731	19.55%	2.422%
61	17.268	1370	1372	1375	rVB	47126	67800	1.16%	0.144%
62	18.297	1460	1462	1465	rBV	59097	76289	1.31%	0.162%
63	18.788	1503	1505	1513	rVV	406424	761855	13.04%	1.616%
64	19.326	1549	1552	1562	rVB8	18254	63629	1.09%	0.135%

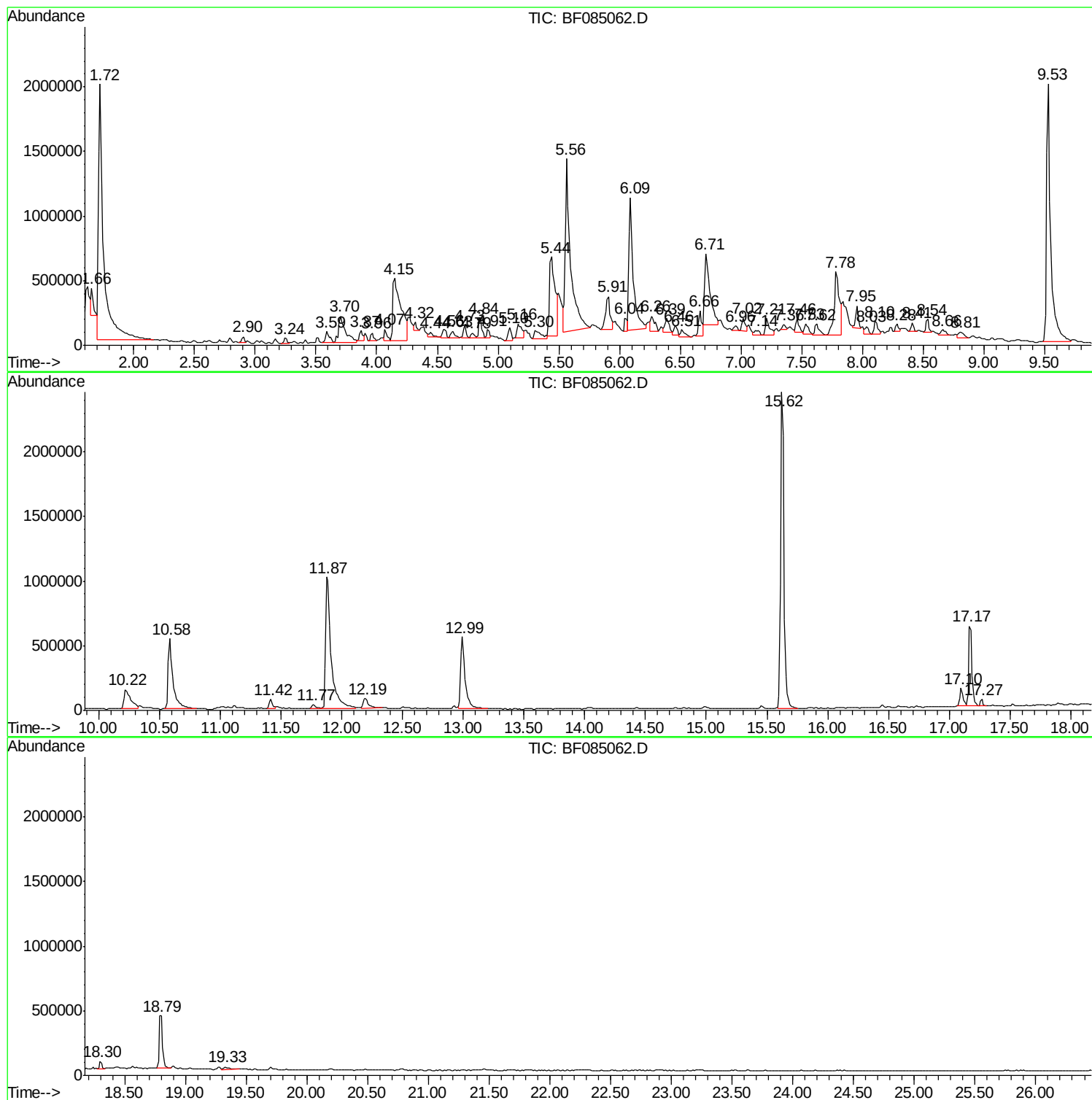
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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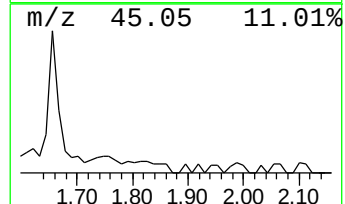
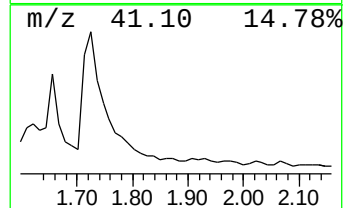
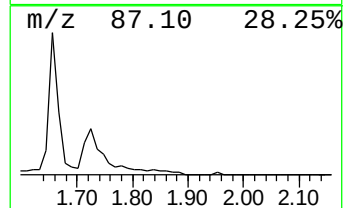
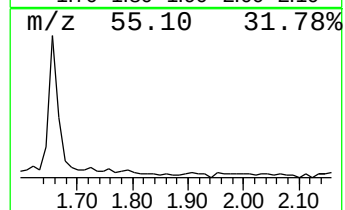
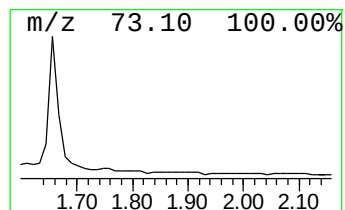
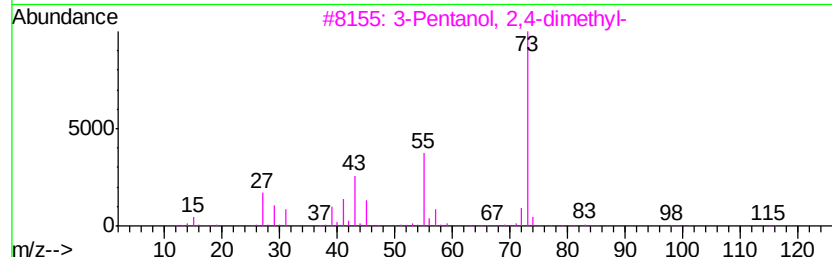
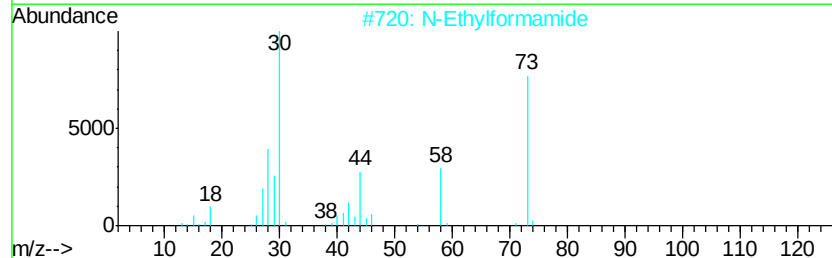
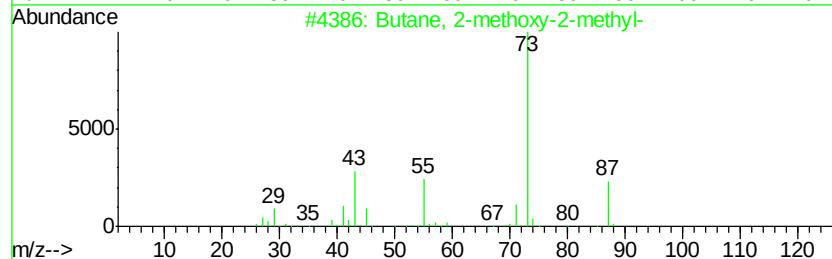
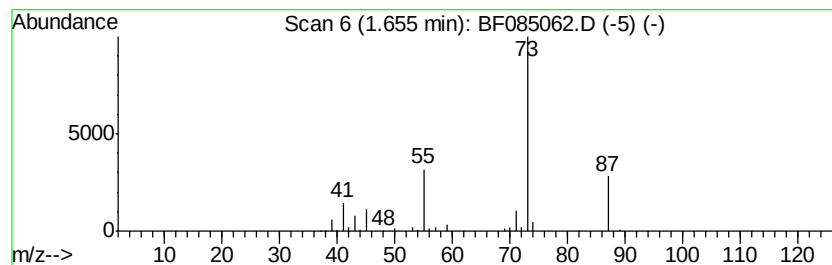
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.66	7.12 ng	234260	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2			N-Ethylformamide	73	C3H7NO	000627-45-2	23
3			3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9
4			3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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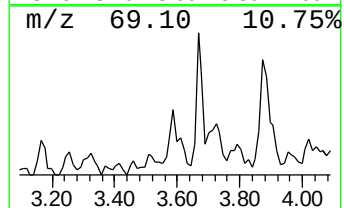
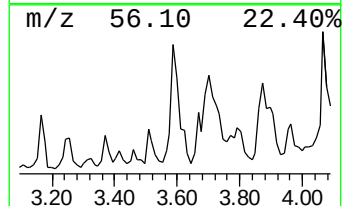
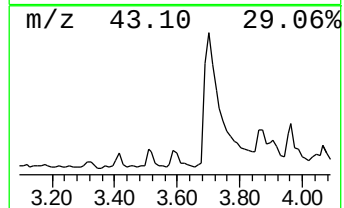
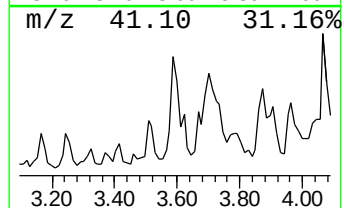
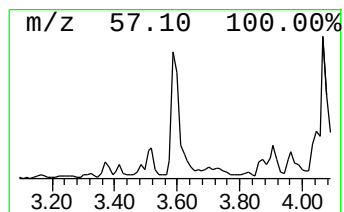
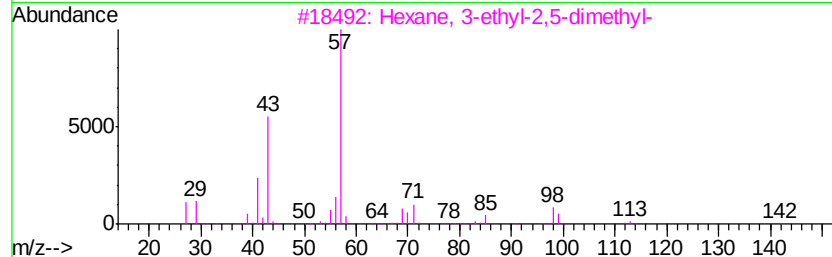
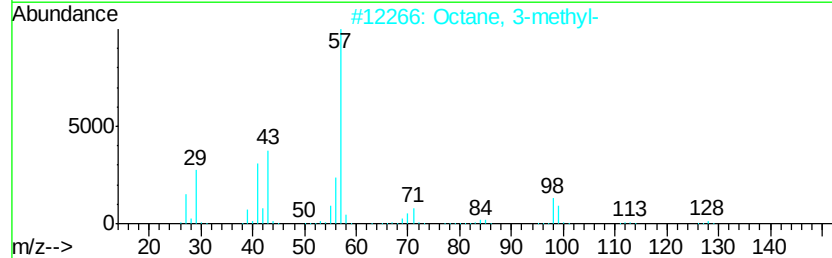
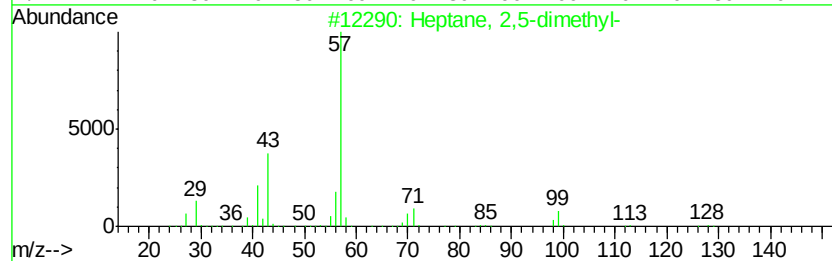
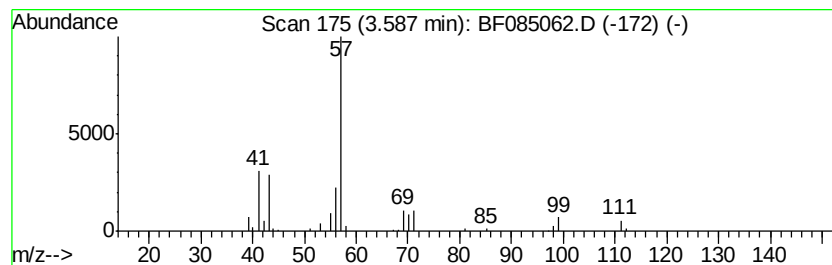
Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptane, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
3.59	5.86 ng	192745	1,4-Dichlorobenzene-d4	5.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	59
2	Octane, 3-methyl-	128	C9H20	002216-33-3	45
3	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	42
4	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	40
5	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	36



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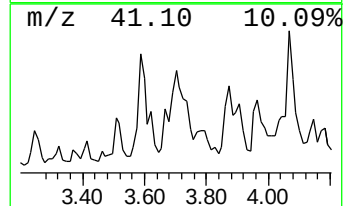
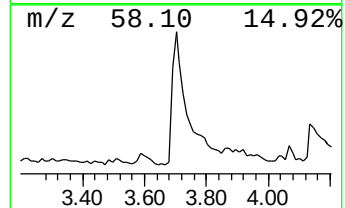
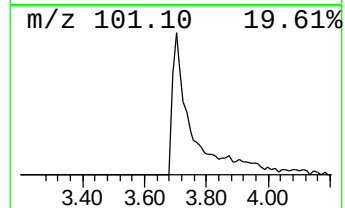
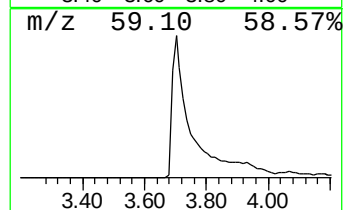
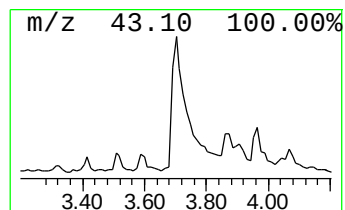
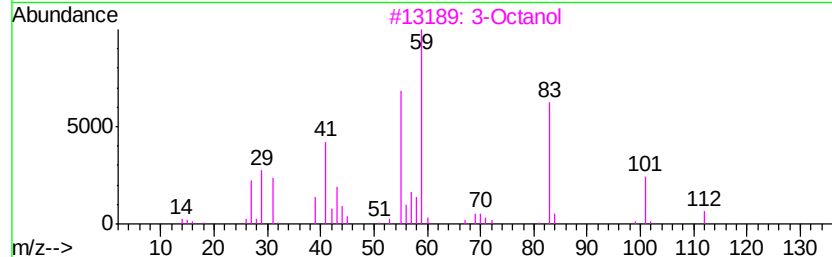
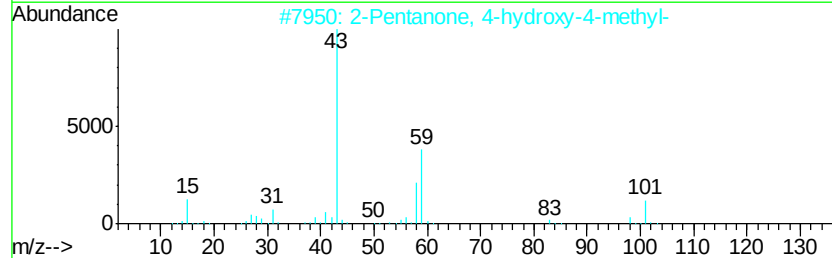
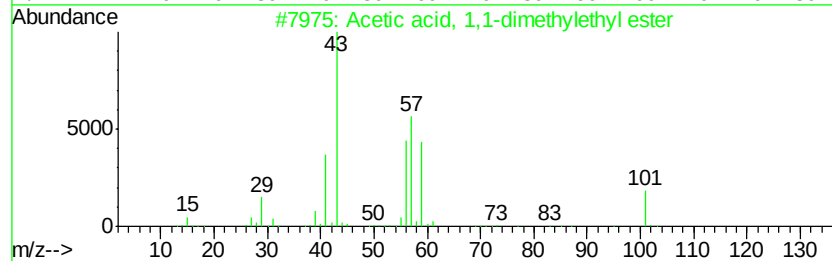
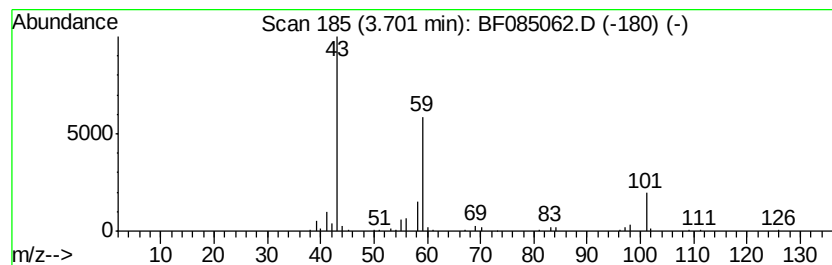
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Acetic acid, 1,1-dimethylet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.70	24.70 ng	812615	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	50
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3		3-Octanol	130	C8H18O	000589-98-0	38
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	37
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	25



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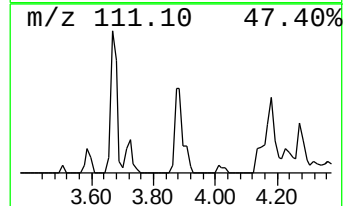
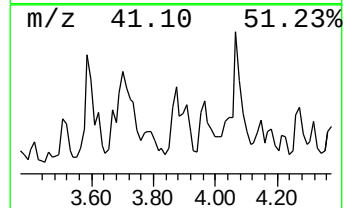
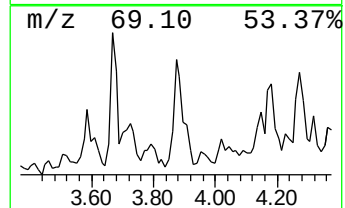
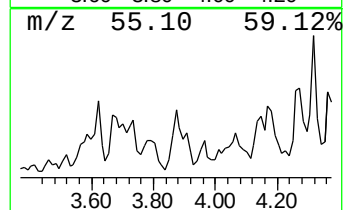
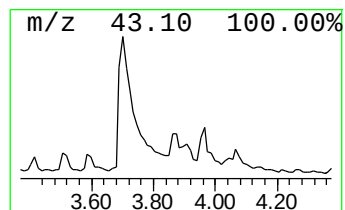
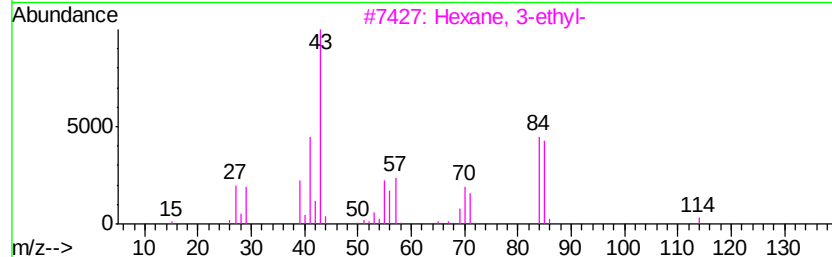
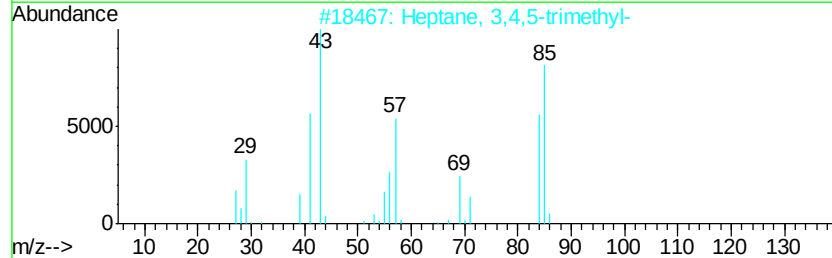
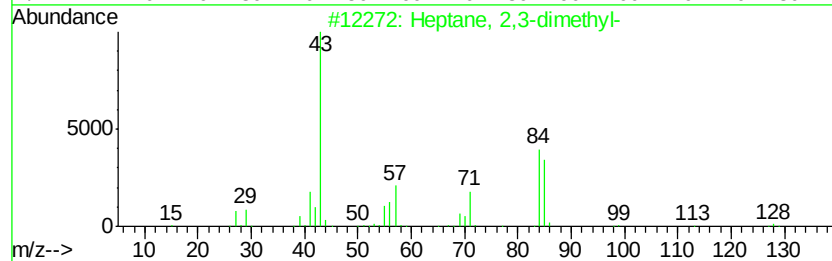
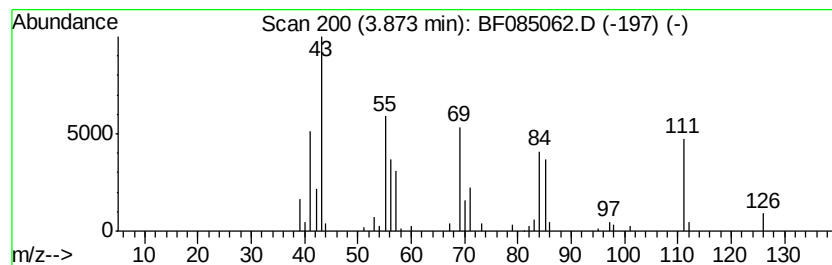
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown3.87 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.87	4.53 ng	148980	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	43
2		Heptane, 3,4,5-trimethyl-	142	C10H22	020278-89-1	38
3		Hexane, 3-ethyl-	114	C8H18	000619-99-8	38
4		Acetic acid, trifluoro-, octyl e...	226	C10H17F3O2	002561-21-9	35
5		1-Octene, 4-methyl-	126	C9H18	013151-12-7	35



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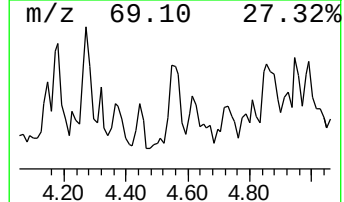
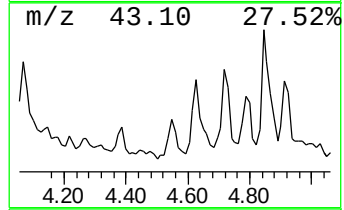
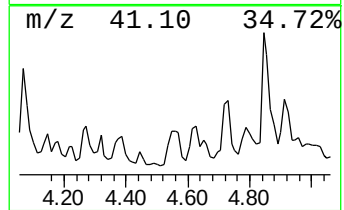
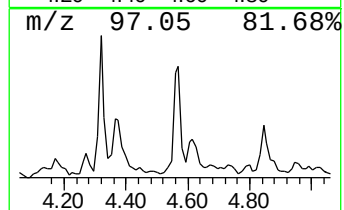
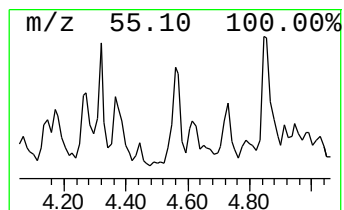
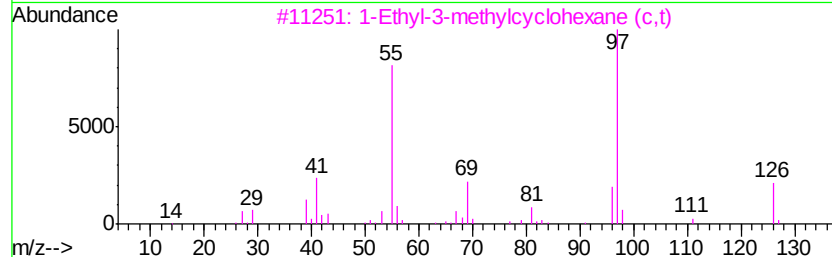
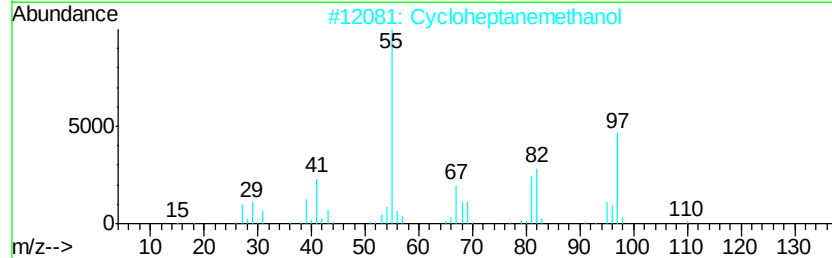
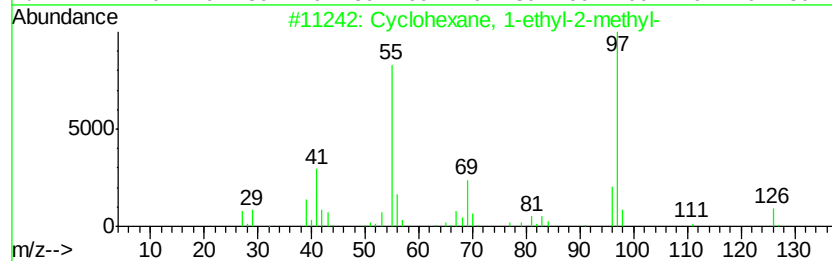
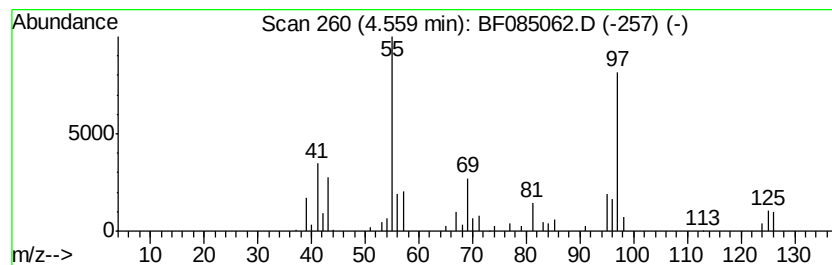
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.56	4.53 ng	148877	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	68
2		Cycloheptanemethanol	128	C8H16O	004448-75-3	64
3		1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	58
4		1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	53
5		Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085062.D
Acq On : 13 Feb 2016 2:03
Operator : SJ/IZ
Sample : H1396-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

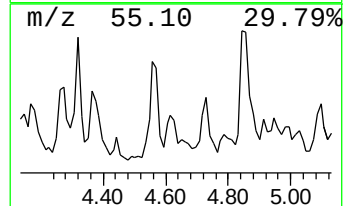
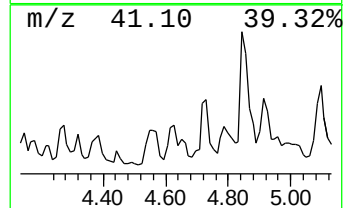
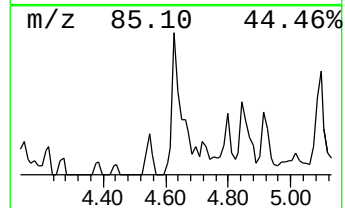
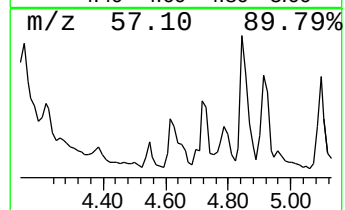
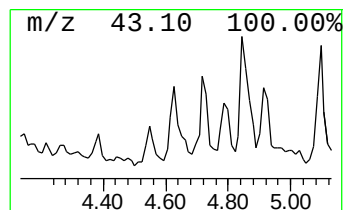
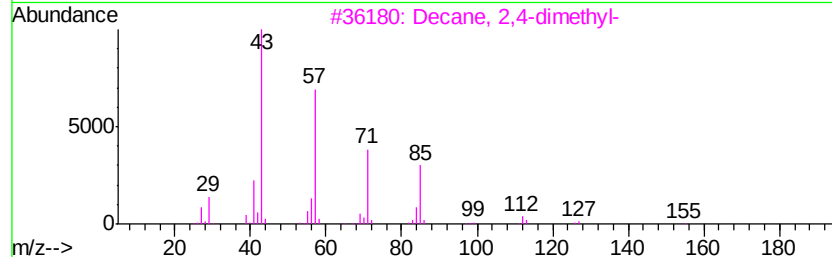
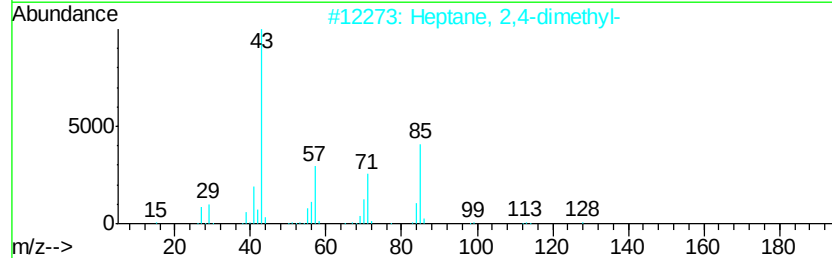
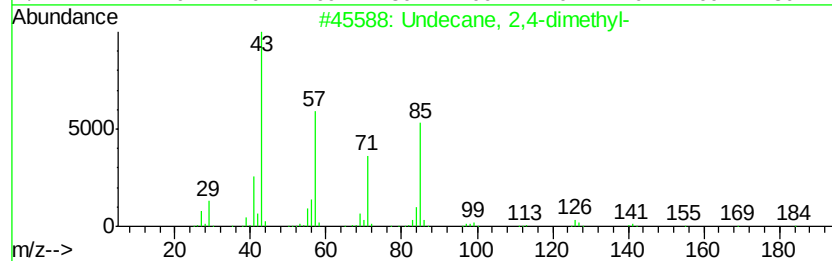
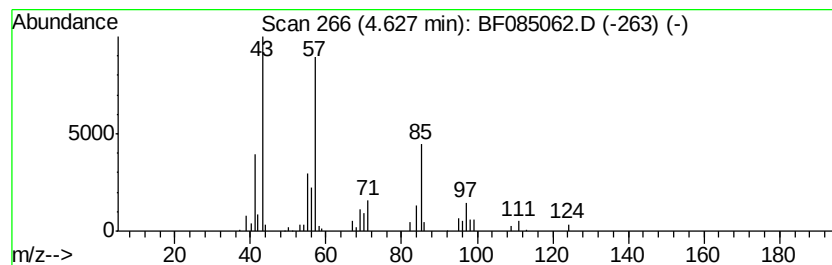
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.63	4.07 ng	133839	1,4-Dichlorobenzene-d4	5.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,4-dimethyl-		184	C13H28	017312-80-0	53
2	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	53
3	Decane, 2,4-dimethyl-		170	C12H26	002801-84-5	53
4	1-Decanol, 2-ethyl-		186	C12H26O	021078-65-9	50
5	Hexane, 2,4-dimethyl-		114	C8H18	000589-43-5	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
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Misc :
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ClientSampleId :
S4-B002(10-12)

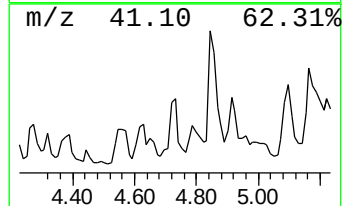
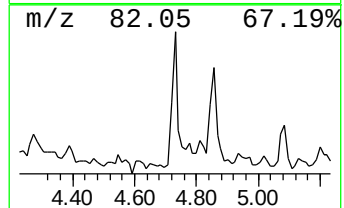
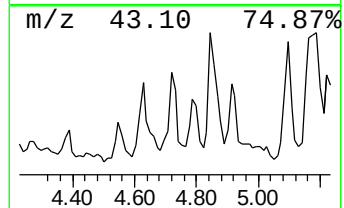
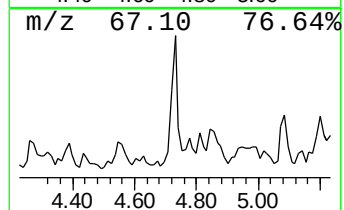
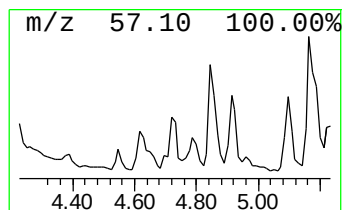
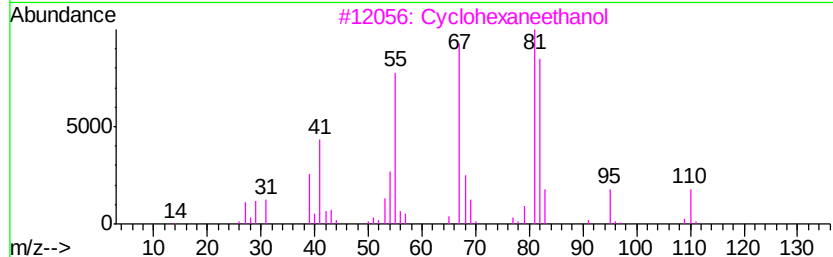
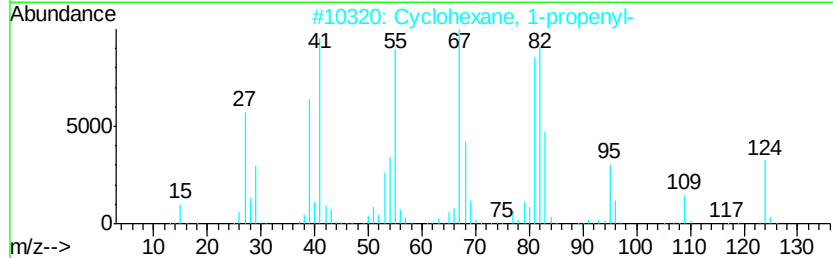
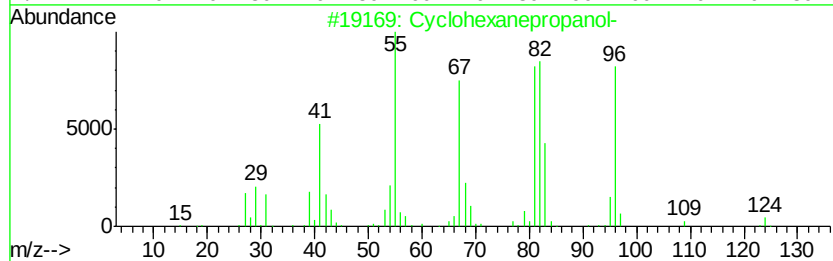
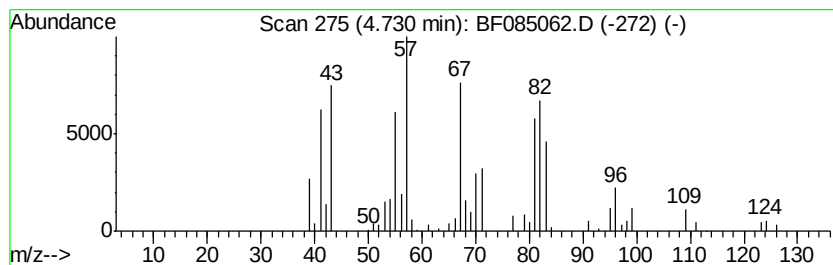
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown4.73 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.73	4.24 ng	139635	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanepropanol-	142	C9H18O	001124-63-6	47
2		Cyclohexane, 1-propenyl-	124	C9H16	005364-83-0	43
3		Cyclohexaneethanol	128	C8H16O	004442-79-9	43
4		3-Octyne, 2-methyl-	124	C9H16	055402-15-8	38
5		1-Cyclobutanone, 2-(2-methyl-1-pr...	124	C8H12O	091531-45-2	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
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Acq On : 13 Feb 2016 2:03
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Sample : H1396-02
Misc :
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ClientSampleId :
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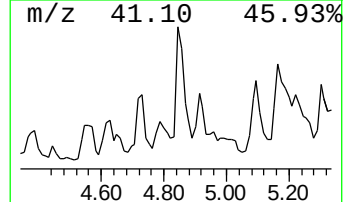
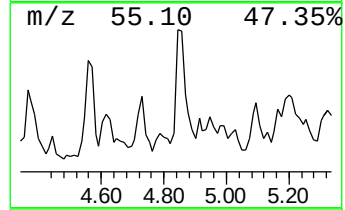
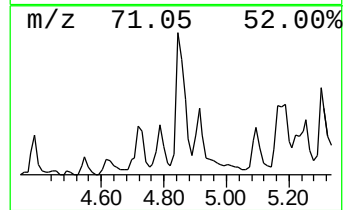
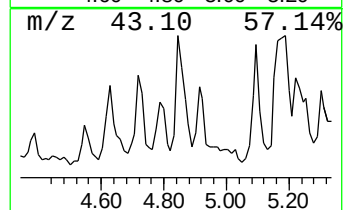
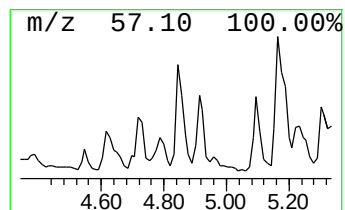
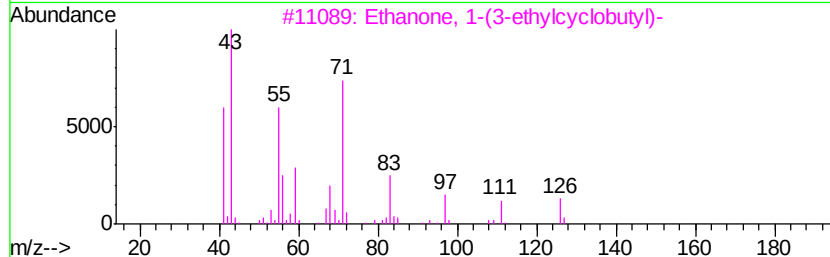
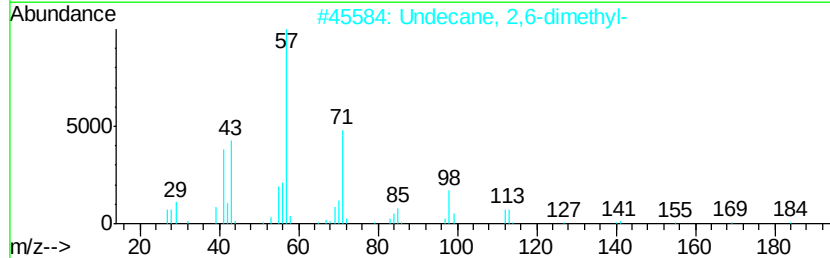
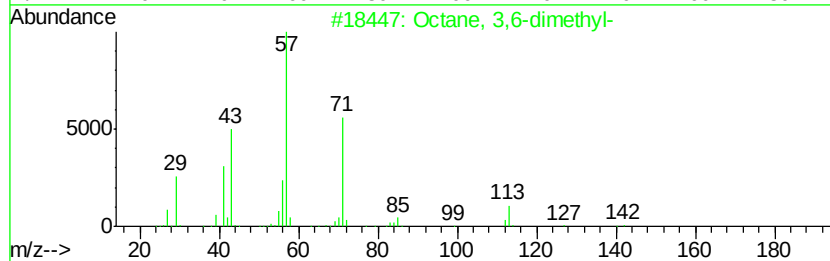
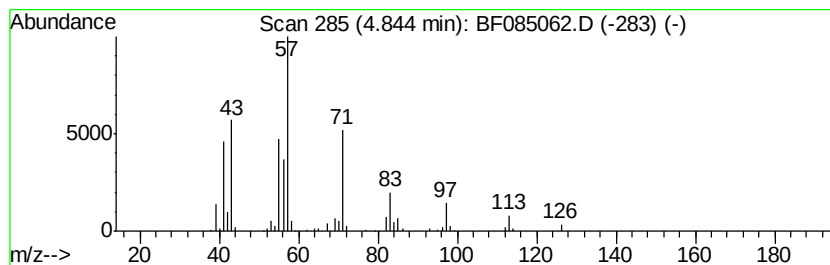
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octane, 3,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	8.02 ng	263658	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	53
2		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
3		Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	50
4		Hexadecane	226	C16H34	000544-76-3	43
5		Tridecane, 7-methyl-	198	C14H30	026730-14-3	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
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Acq On : 13 Feb 2016 2:03
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S4-B002(10-12)

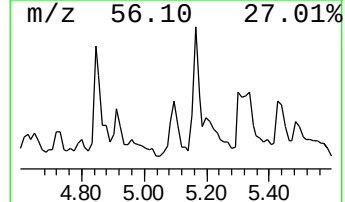
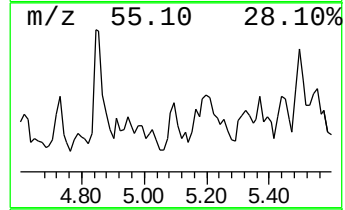
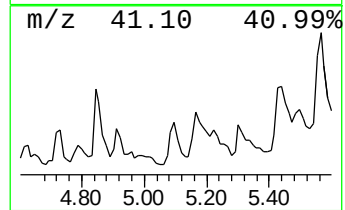
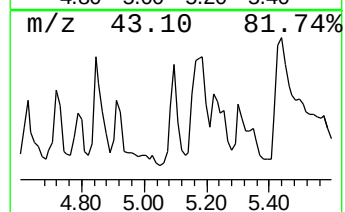
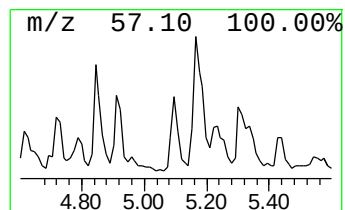
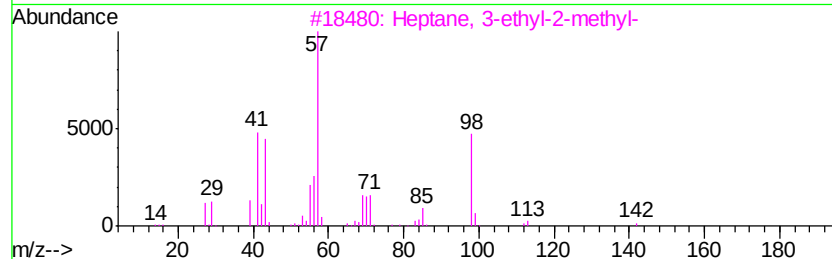
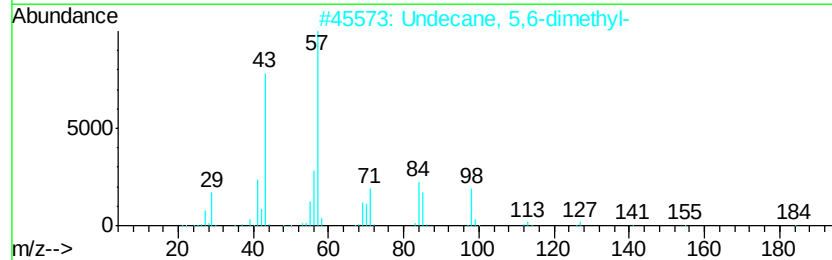
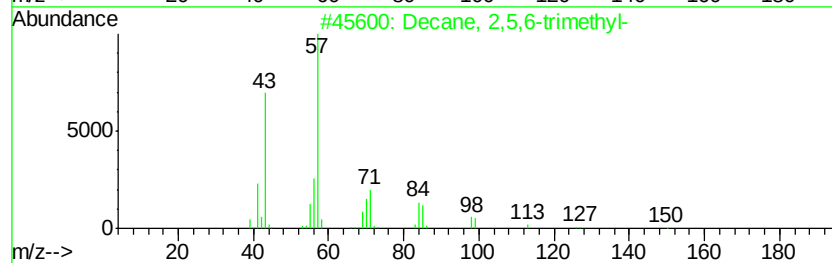
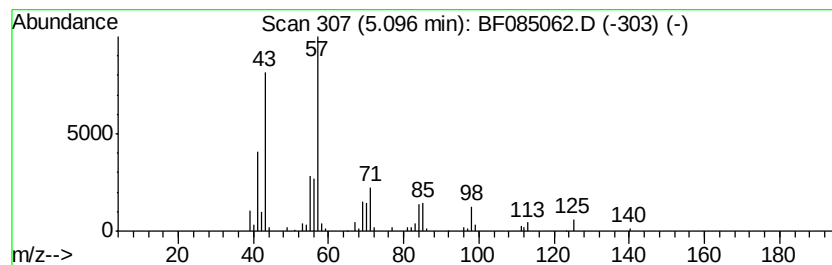
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Decane, 2,5,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.10	5.81 ng	191025	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	78
2			Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	64
3			Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	53
4			Hexane, 2,4-dimethyl-	114	C8H18	000589-43-5	53
5			2-Ethylhexyl hydrogen maleate	228	C12H20O4	002370-71-0	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085062.D
Acq On : 13 Feb 2016 2:03
Operator : SJ/IZ
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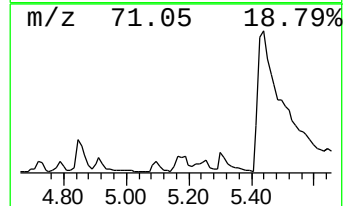
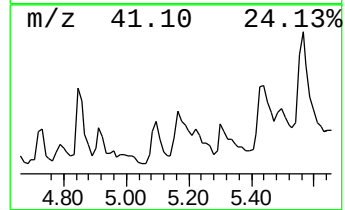
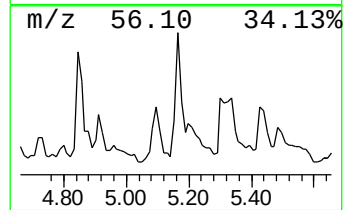
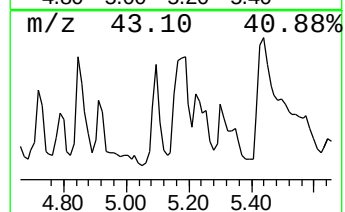
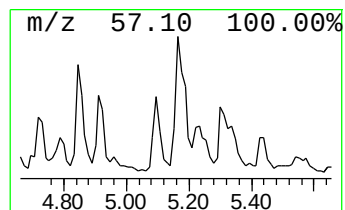
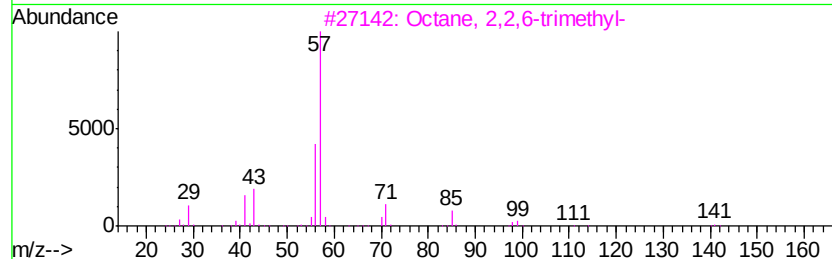
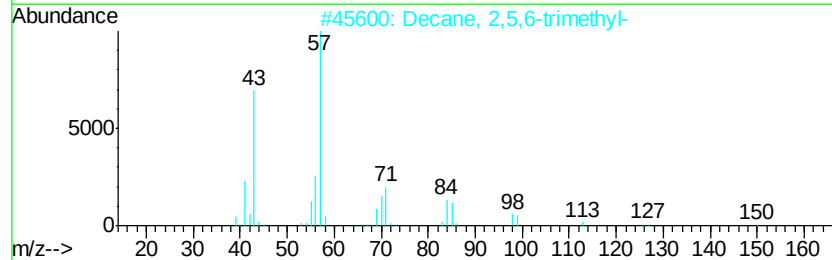
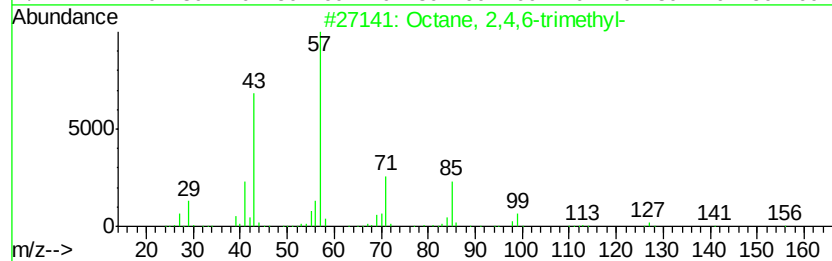
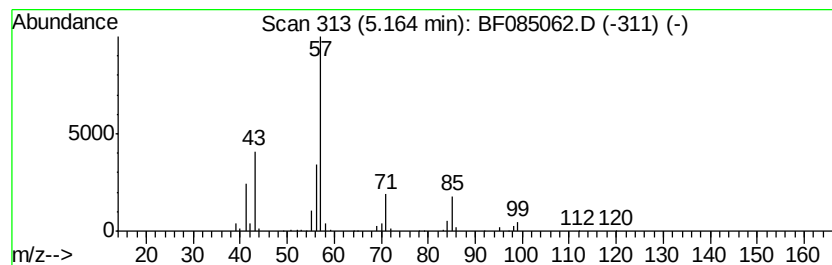
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octane, 2,4,6-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	9.54 ng	313832	1,4-Dichlorobenzene-d4	5.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
2		Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	72
3		Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	56
4		Pentane, 2,2-dimethyl-	100	C7H16	000590-35-2	47
5		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
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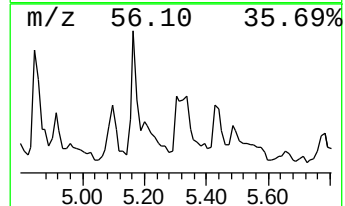
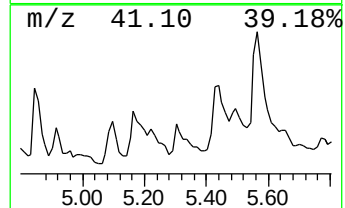
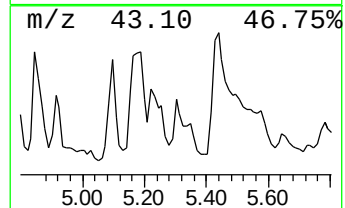
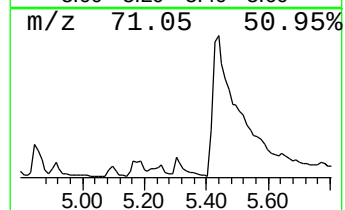
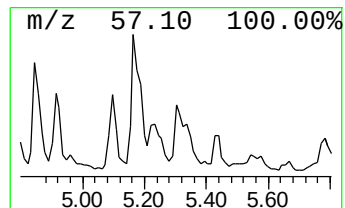
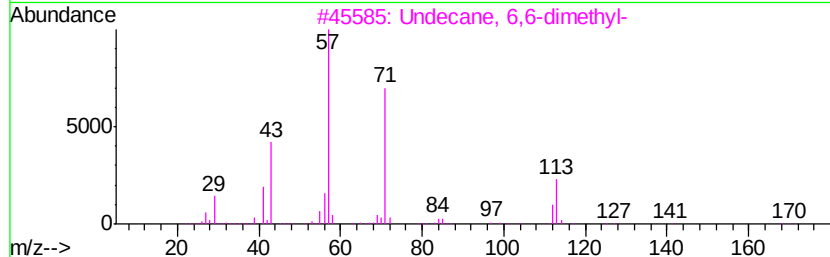
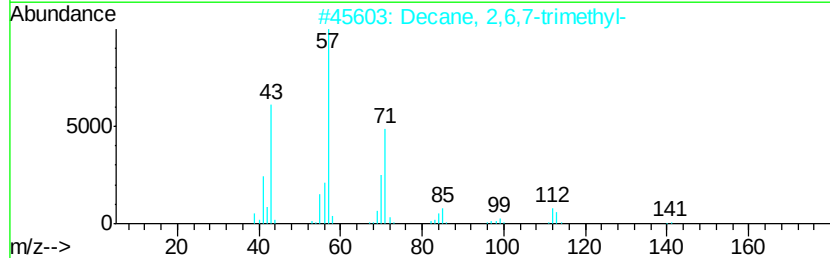
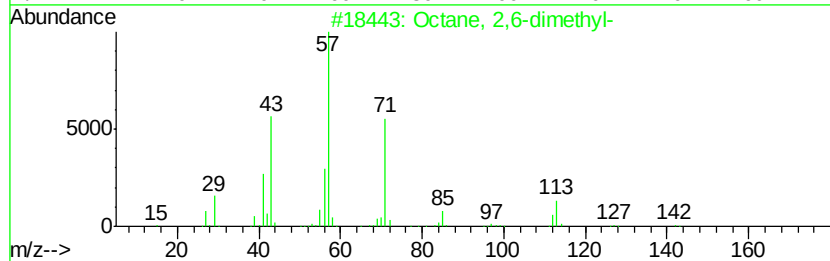
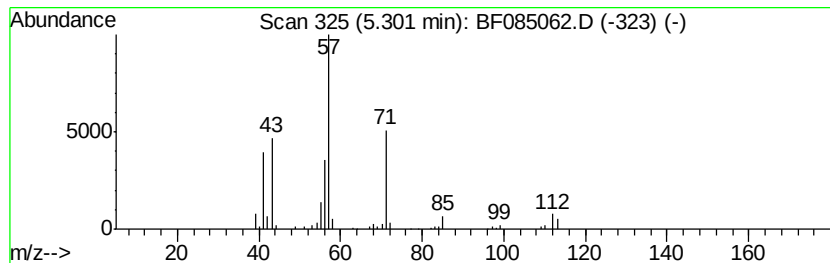
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Octane, 2,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.30	7.70 ng	253270	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2			Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	64
3			Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
4			Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	56
5			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
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Acq On : 13 Feb 2016 2:03
Operator : SJ/IJ
Sample : H1396-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

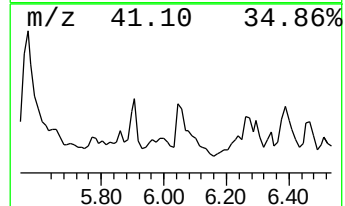
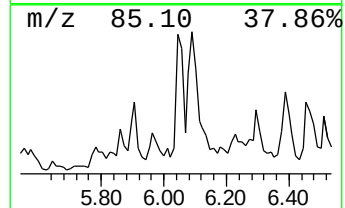
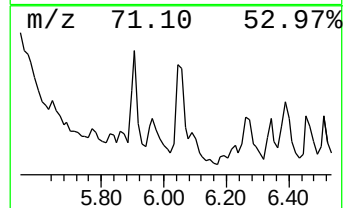
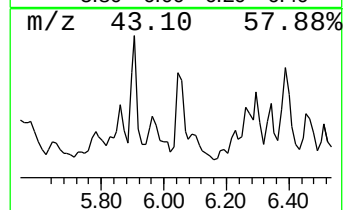
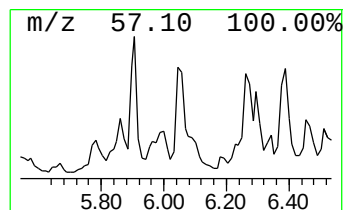
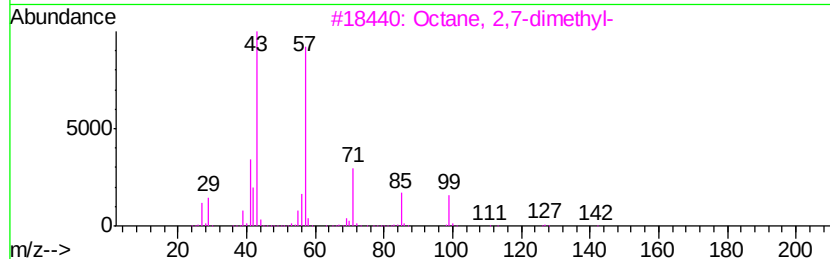
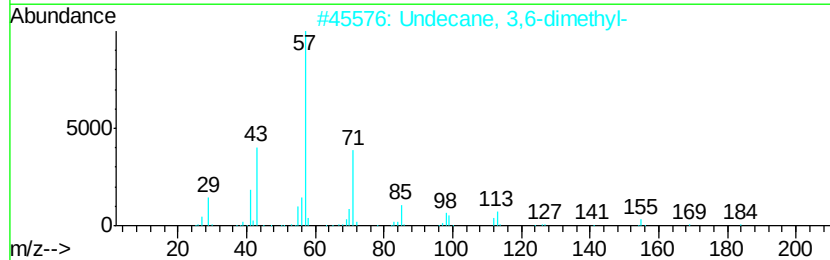
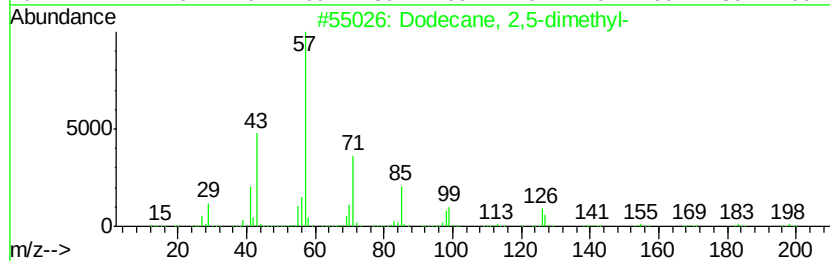
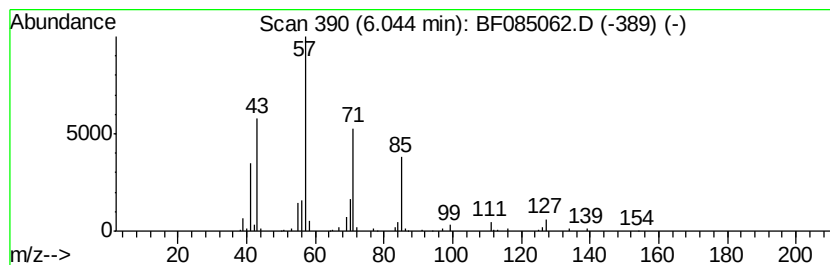
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dodecane, 2,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.04	5.80 ng	190689	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	78
2			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
4			Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	59
5			Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085062.D
Acq On : 13 Feb 2016 2:03
Operator : SJ/IZ
Sample : H1396-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
S4-B002(10-12)

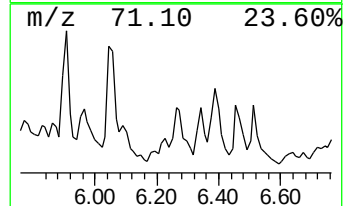
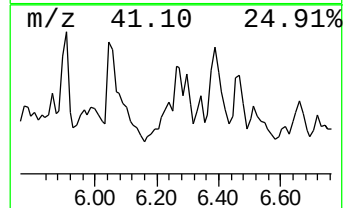
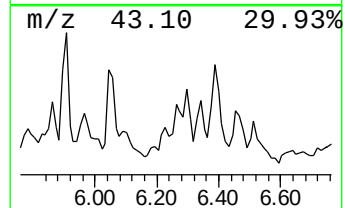
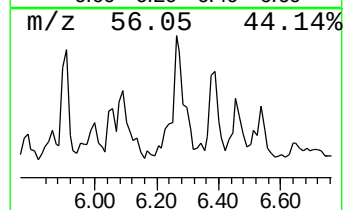
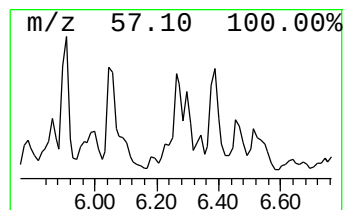
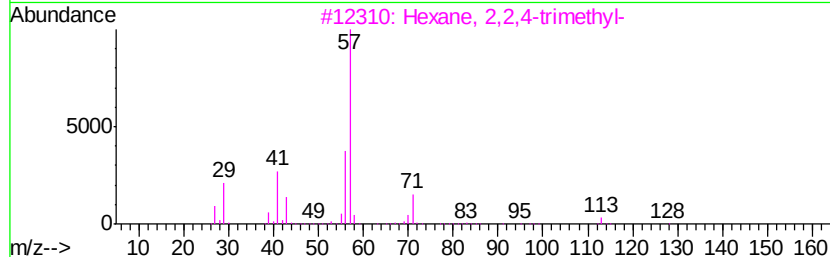
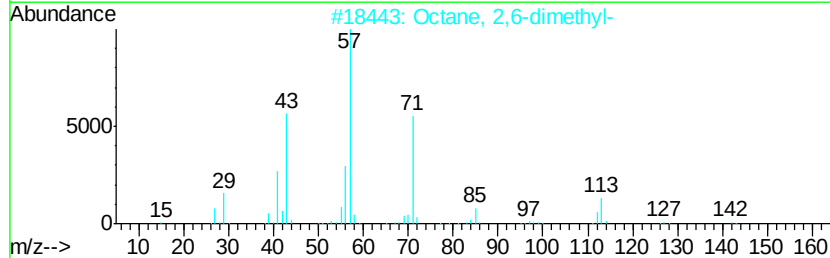
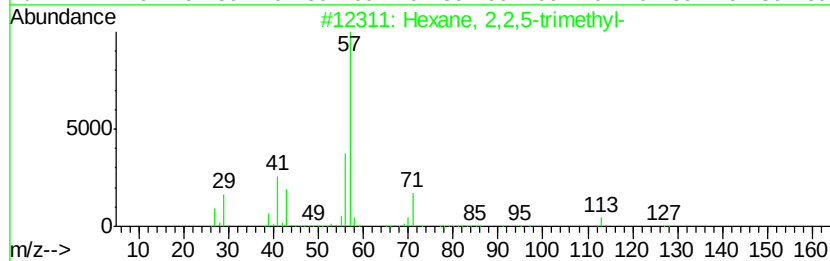
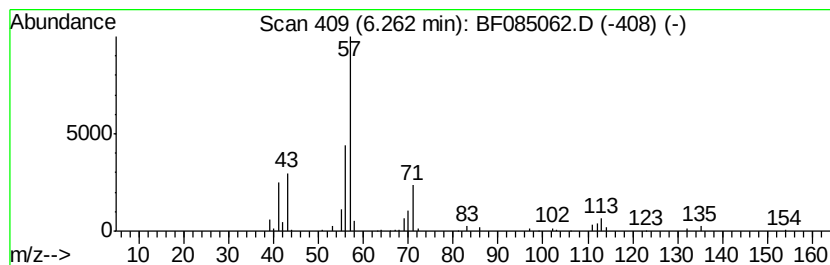
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Hexane, 2,2,5-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	7.97 ng	262267	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2,2,5-trimethyl-			128	C9H20	003522-94-9	64
2	Octane, 2,6-dimethyl-			142	C10H22	002051-30-1	56
3	Hexane, 2,2,4-trimethyl-			128	C9H20	016747-26-5	56
4	Octane, 2,2-dimethyl-			142	C10H22	015869-87-1	53
5	Hexane, 2,2,5,5-tetramethyl-			142	C10H22	001071-81-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021416\
Data File : BF085062.D
Acq On : 13 Feb 2016 2:03
Operator : SJ/IZ
Sample : H1396-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B002(10-12)

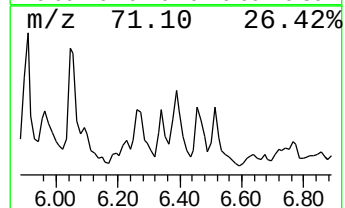
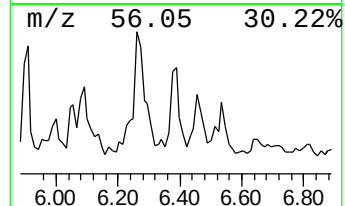
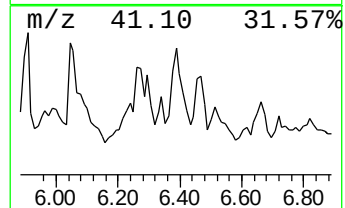
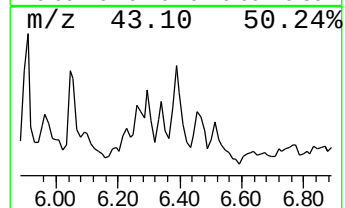
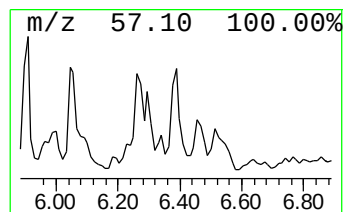
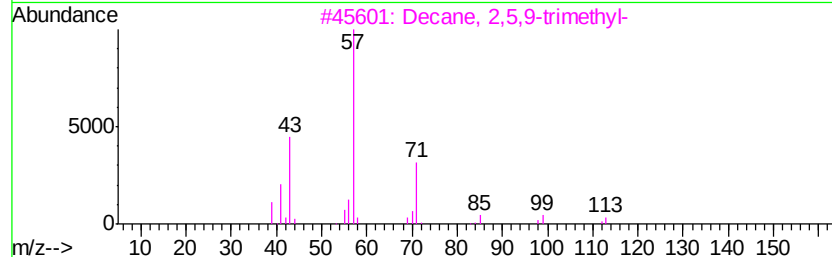
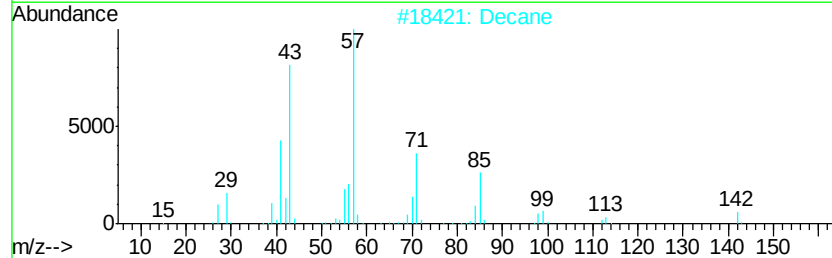
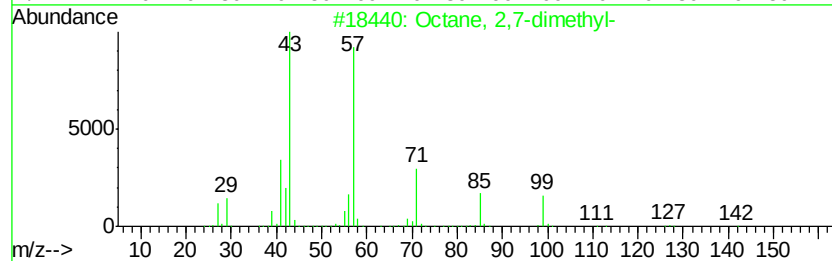
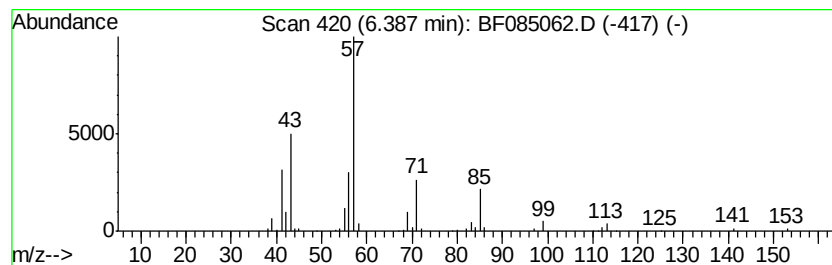
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octane, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	7.66 ng	252004	1,4-Dichlorobenzene-d4	5.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	53
2			Decane	142	C10H22	000124-18-5	53
3			Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	47
4			Heptane, 2,2,3,3,5,6,6-heptamethyl-	198	C14H30	007225-67-4	47
5			Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
Data File : BF085062.D
Acq On : 13 Feb 2016 2:03
Operator : SJ/IZ
Sample : H1396-02
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
S4-B002(10-12)

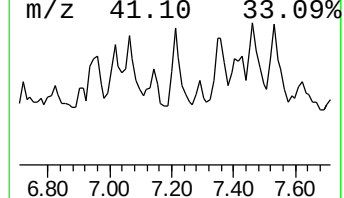
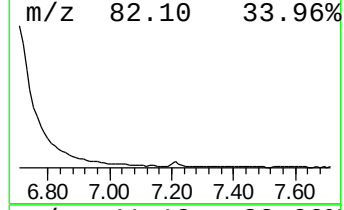
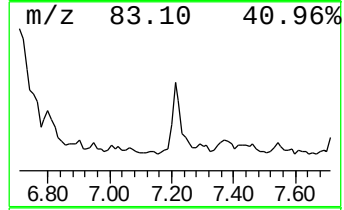
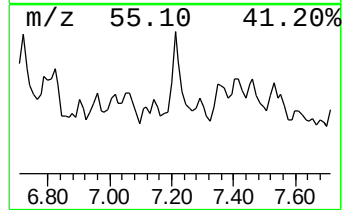
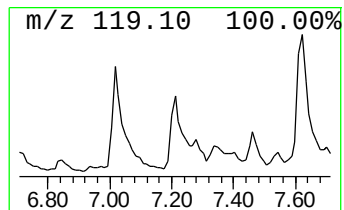
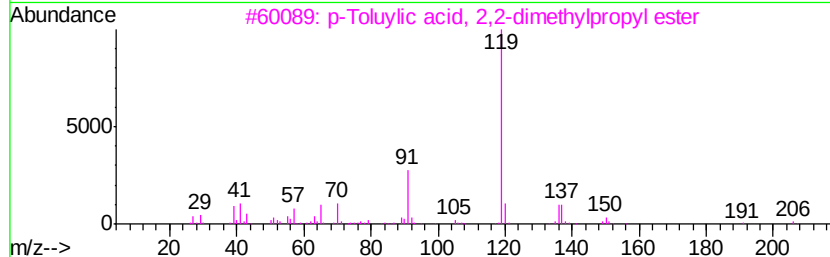
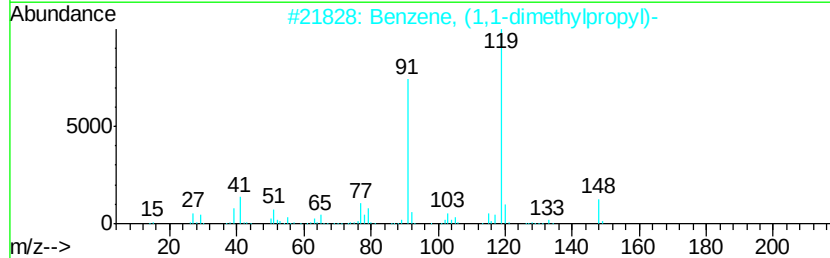
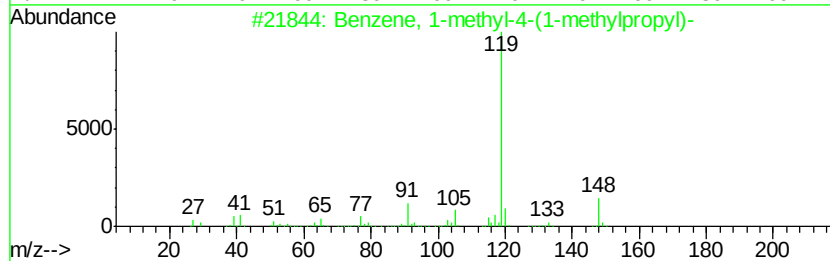
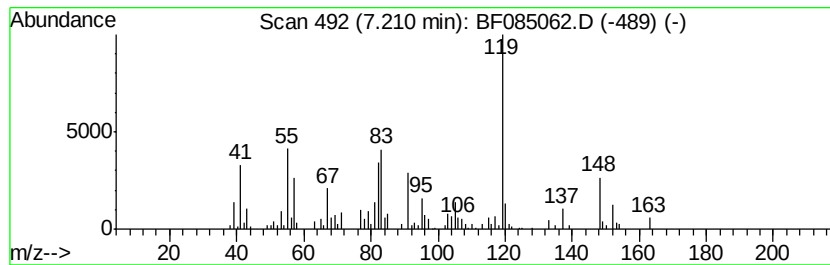
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown7.21 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.21	4.28 ng	324468	Naphthalene-d8	7.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	46
2		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	41
3		p-Toluylic acid, 2,2-dimethylpro...	206	C13H18O2	069912-01-2	35
4		5-Chlorovaleric acid, nonyl ester	262	C14H27ClO2	052893-18-2	35
5		Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF021416\
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S4-B002(10-12)

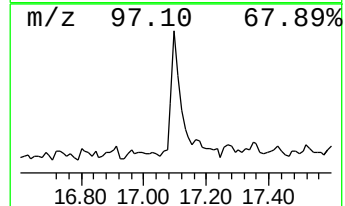
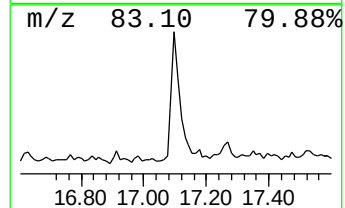
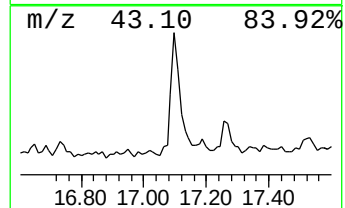
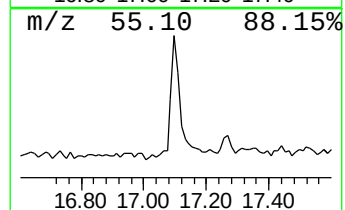
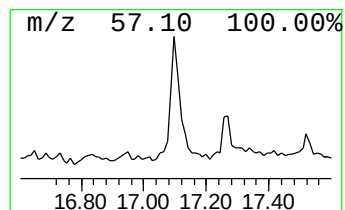
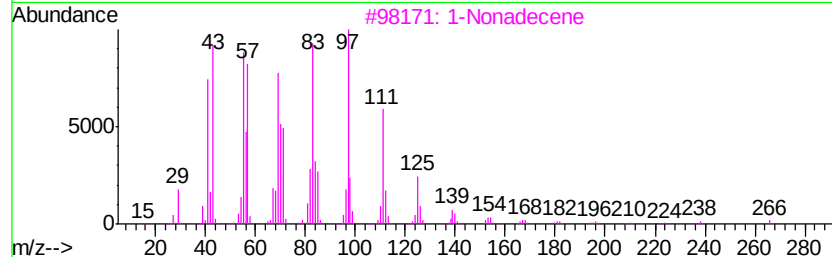
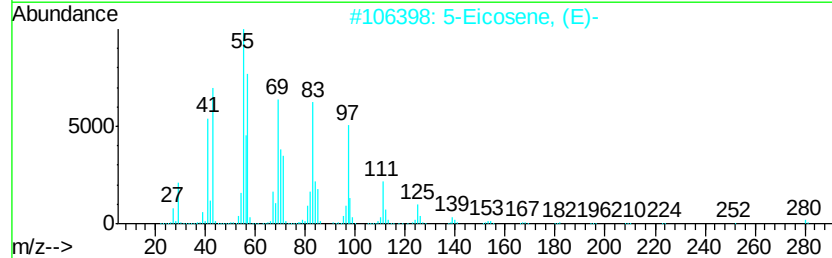
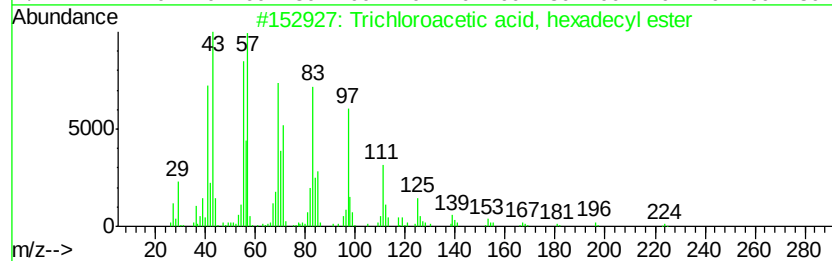
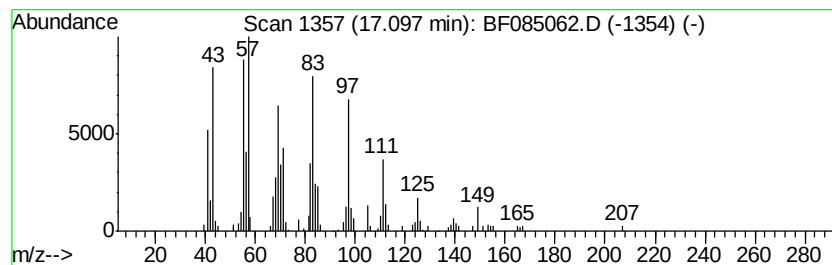
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Trichloroacetic acid, hexad... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	4.46 ng	254404	Chrysene-d12	17.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3			1-Nonadecene	266	C19H38	018435-45-5	91
4			Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5			1-Hexadecanol	242	C16H34O	036653-82-4	87



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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021316.M
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	1.66	7.1 ng		234260	1	5.90	657886	20.0
Heptane, 2,5-dime...	3.59	5.9 ng		192745	1	5.90	657886	20.0
Acetic acid, 1,1-...	3.70	24.7 ng		812615	1	5.90	657886	20.0
unknown3.87	3.87	4.5 ng		148980	1	5.90	657886	20.0
Cyclohexane, 1-et...	4.56	4.5 ng		148877	1	5.90	657886	20.0
Undecane, 2,4-dim...	4.63	4.1 ng		133839	1	5.90	657886	20.0
unknown4.73	4.73	4.2 ng		139635	1	5.90	657886	20.0
Octane, 3,6-dimet...	4.84	8.0 ng		263658	1	5.90	657886	20.0
Decane, 2,5,6-tri...	5.10	5.8 ng		191025	1	5.90	657886	20.0
Octane, 2,4,6-tri...	5.16	9.5 ng		313832	1	5.90	657886	20.0
Octane, 2,6-dimet...	5.30	7.7 ng		253270	1	5.90	657886	20.0
Dodecane, 2,5-dim...	6.04	5.8 ng		190689	1	5.90	657886	20.0
Hexane, 2,2,5-tri...	6.26	8.0 ng		262267	1	5.90	657886	20.0
Octane, 2,7-dimet...	6.39	7.7 ng		252004	1	5.90	657886	20.0
unknown7.21	7.21	4.3 ng		324468	2	7.78	1516430	20.0
Trichloroacetic a...	17.10	4.5 ng		254404	5	17.18	1141730	20.0