

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
 Data File : BF083920.D
 Acq On : 18 Dec 2015 18:36
 Operator : UM/SJ
 Sample : G4816-01 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LAR-9872

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-BF121815.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	6.361	372	374	376	rBV	197486	190750	2.18%	0.234%
2	6.487	384	385	389	rVV3	70478	106202	1.21%	0.130%
3	6.556	389	391	394	rVB	79794	91028	1.04%	0.112%
4	6.647	397	399	402	rVV3	97450	202930	2.32%	0.249%
5	6.716	402	405	407	rVV	436399	629456	7.18%	0.773%
6	6.819	407	414	415	rVV2	118852	283484	3.23%	0.348%
7	6.864	415	418	419	rVV	622733	724149	8.26%	0.889%
8	6.899	419	421	422	rVV	462642	644845	7.36%	0.792%
9	6.933	422	424	425	rVV2	239719	345828	3.95%	0.425%
10	6.967	425	427	428	rVV	195202	300591	3.43%	0.369%
11	7.002	428	430	434	rVV2	628383	1562798	17.83%	1.919%
12	7.059	434	435	436	rVV	220246	185930	2.12%	0.228%
13	7.104	436	439	440	rVV2	289888	591601	6.75%	0.726%
14	7.162	440	444	445	rVV	1112611	2320153	26.47%	2.848%
15	7.219	448	449	451	rVV	1229698	1829543	20.87%	2.246%
16	7.264	451	453	456	rVV	1218084	2417387	27.58%	2.968%
17	7.322	456	458	460	rVV2	781818	1533734	17.50%	1.883%
18	7.424	463	467	469	rVV2	1008597	3096866	35.33%	3.802%
19	7.493	469	473	475	rVV	4058430	8764360	100.00%	10.760%
20	7.527	475	476	478	rVV	1041297	1711916	19.53%	2.102%
21	7.596	478	482	484	rVV2	1434159	4001441	45.66%	4.913%
22	7.642	484	486	487	rVV	1210810	2086522	23.81%	2.562%
23	7.687	487	490	492	rVV2	1701319	3944388	45.00%	4.843%
24	7.722	492	493	494	rVV	991779	1070111	12.21%	1.314%
25	7.790	494	499	502	rVV5	1498171	5719649	65.26%	7.022%
26	7.859	502	505	506	rVV	2077162	4065900	46.39%	4.992%
27	7.882	506	507	509	rVV	1615264	2531350	28.88%	3.108%
28	7.916	509	510	512	rVV	2023638	3209065	36.61%	3.940%
29	7.962	512	514	515	rVV2	1966166	2740204	31.27%	3.364%
30	7.984	515	516	518	rVV2	962191	1612228	18.40%	1.979%
31	8.030	518	520	521	rVV	697904	1277185	14.57%	1.568%
32	8.065	521	523	525	rVV3	765082	1771010	20.21%	2.174%
33	8.156	525	531	534	rVV	4051818	8438537	96.28%	10.360%
34	8.225	534	537	539	rVV	1330218	2727182	31.12%	3.348%

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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-BF121815.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.259	539	540	544	rVV2	706980	1529265	17.45%	1.877%
36	8.316	544	545	547	rVV	379068	600940	6.86%	0.738%
37	8.362	547	549	551	rVV3	332690	813740	9.28%	0.999%
38	8.453	553	557	560	rVV3	649830	1538378	17.55%	1.889%
39	8.510	560	562	563	rVV	281770	441989	5.04%	0.543%
40	8.533	563	564	566	rVV2	335707	447548	5.11%	0.549%
41	8.579	566	568	573	rVV	461157	658852	7.52%	0.809%
42	8.750	581	583	585	rVB	455888	371103	4.23%	0.456%
43	9.905	681	684	686	rBV	650919	594692	6.79%	0.730%
44	11.391	811	814	816	rBV	479729	525596	6.00%	0.645%
45	14.019	1042	1044	1047	rBV	628207	660395	7.54%	0.811%
46	15.460	1167	1170	1173	rBV	407033	542610	6.19%	0.666%

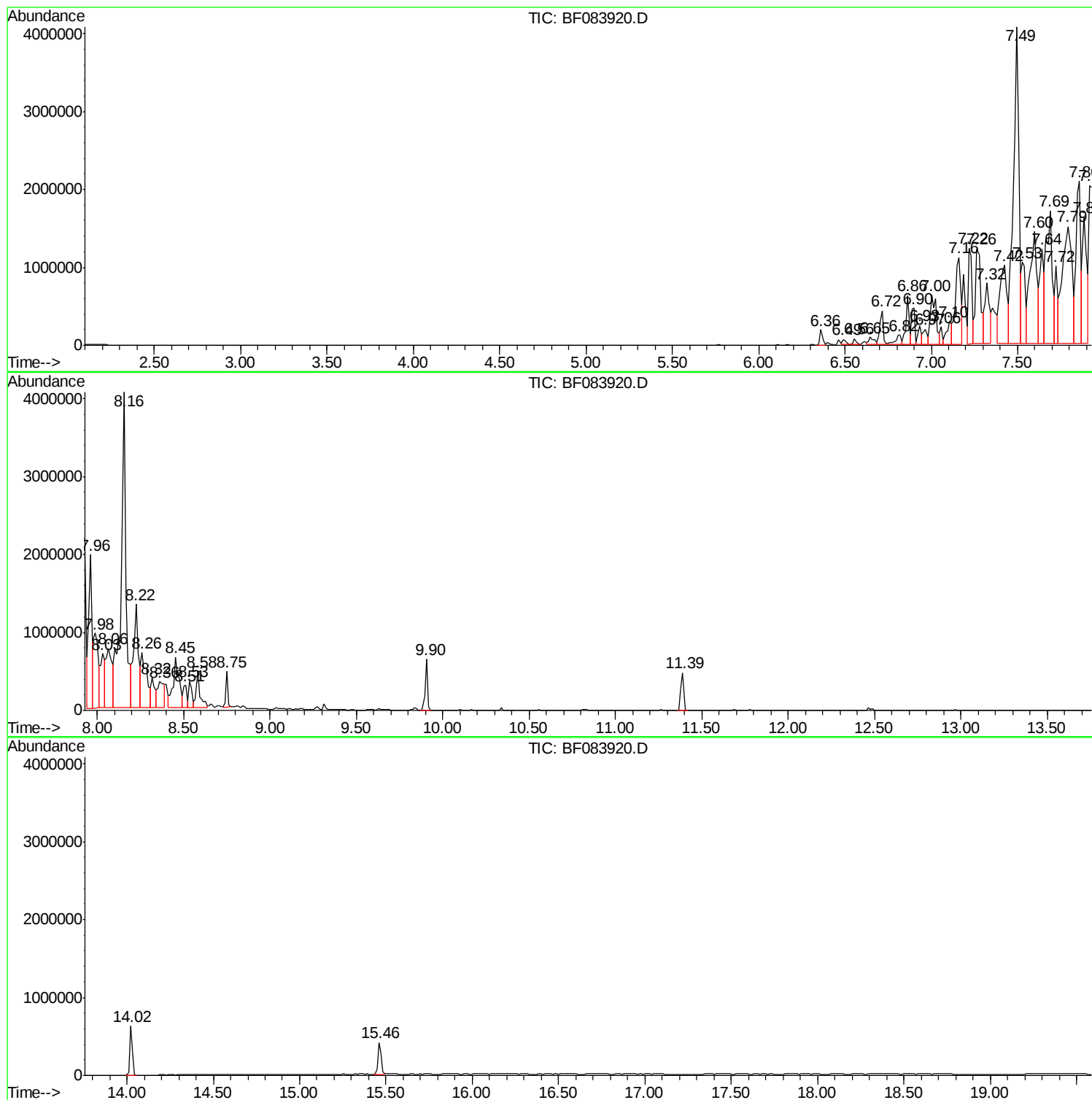
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BNA_F
ClientSampled :
LAR-9872

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Operator : UM/SJ
Sample : G4816-01 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9872

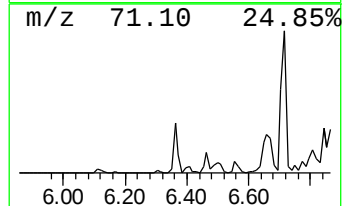
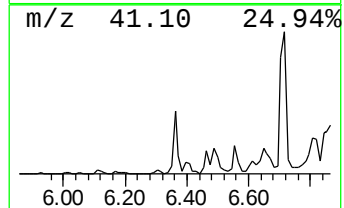
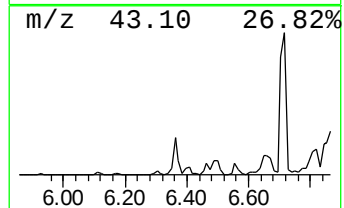
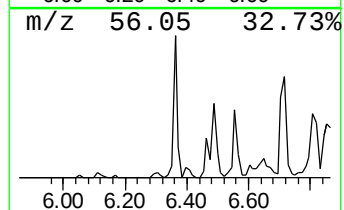
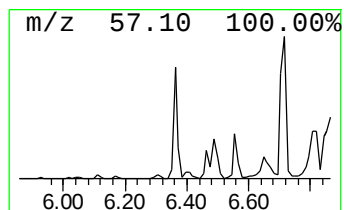
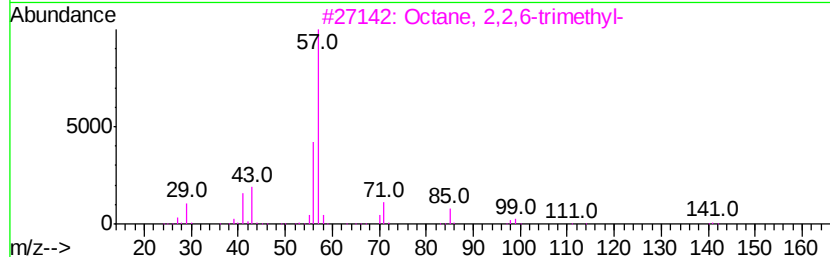
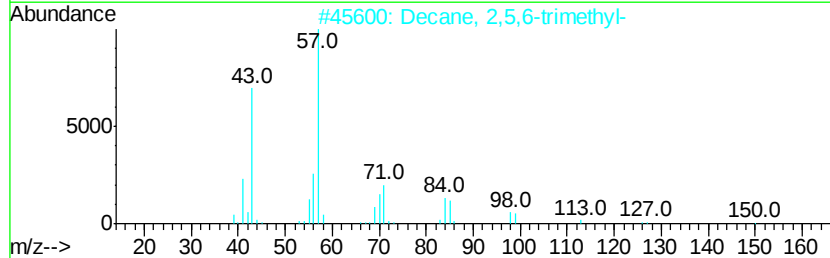
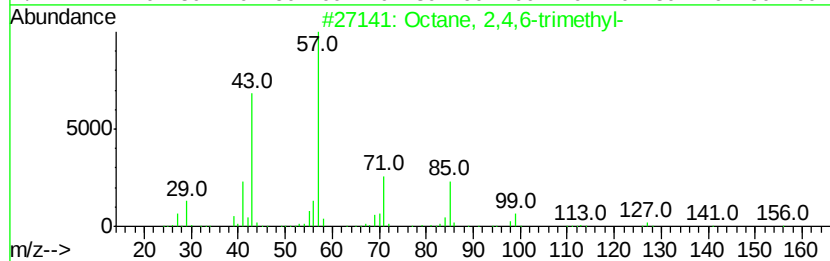
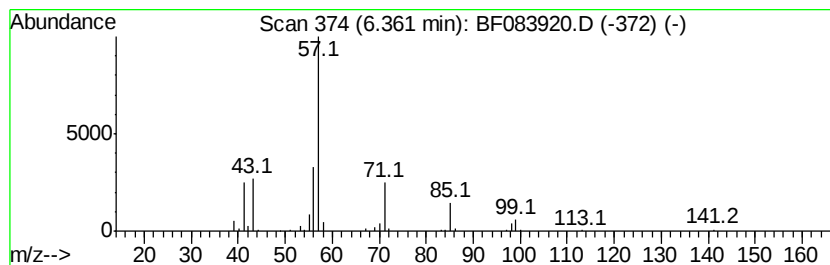
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Octane, 2,4,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	5.27 ng	190750	1,4-Dichlorobenzene-d4	6.86

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	64
4		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59
5		Octane, 2,5,6-trimethyl-	156	C11H24	062016-14-2	59



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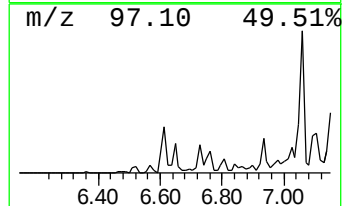
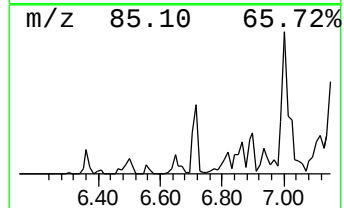
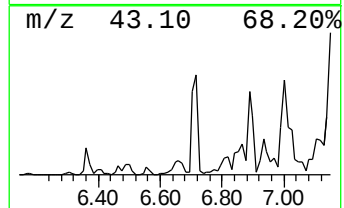
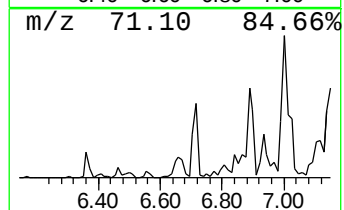
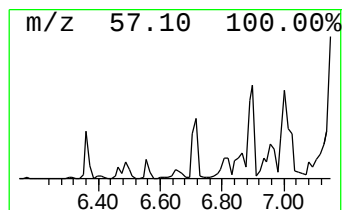
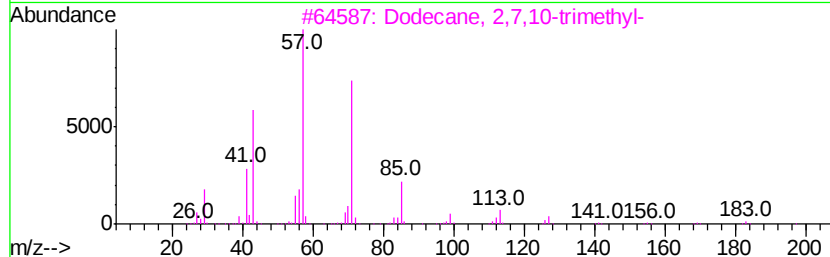
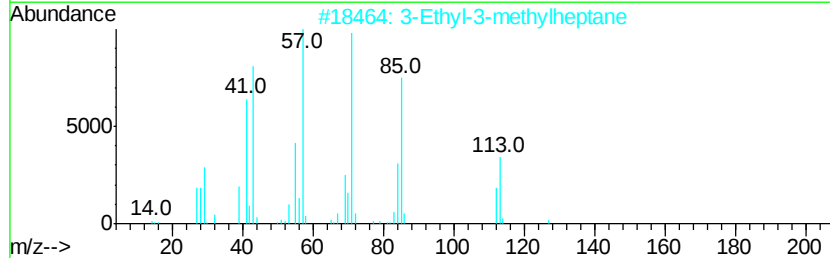
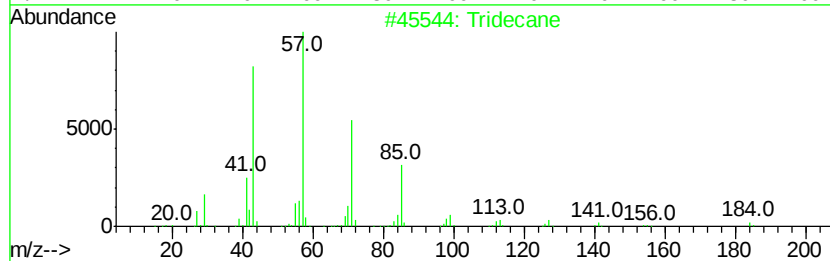
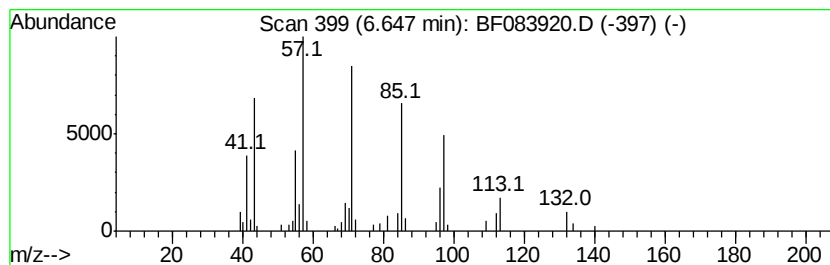
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	5.60 ng	202930	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecane	184	C13H28	000629-50-5	50
2			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	50
3			Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	47
4			Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	47
5			Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	43



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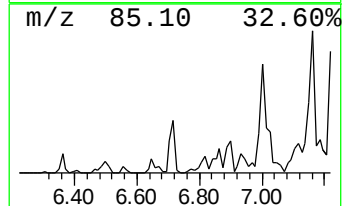
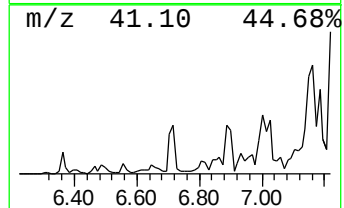
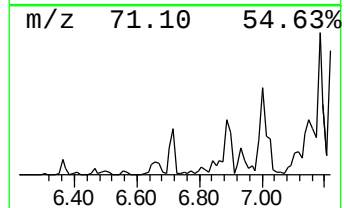
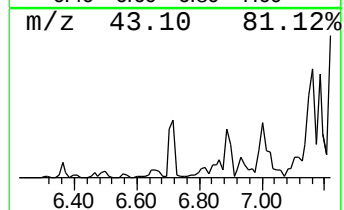
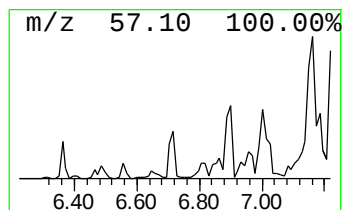
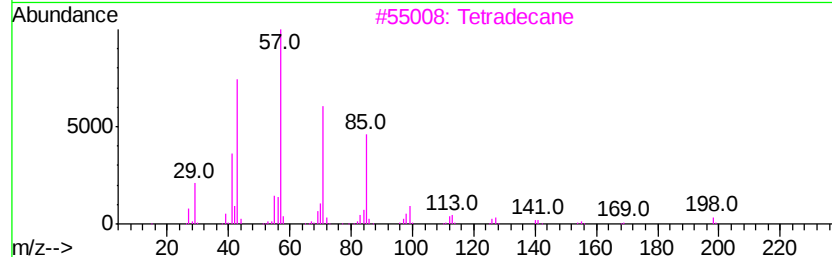
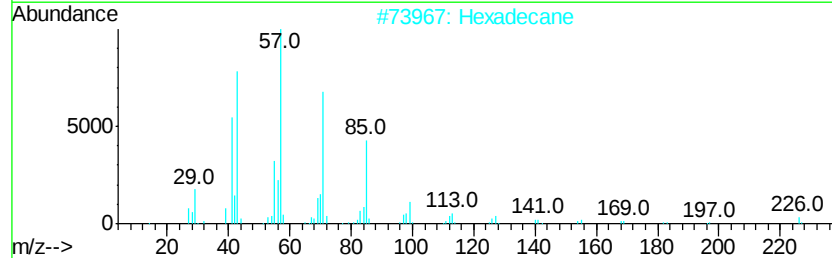
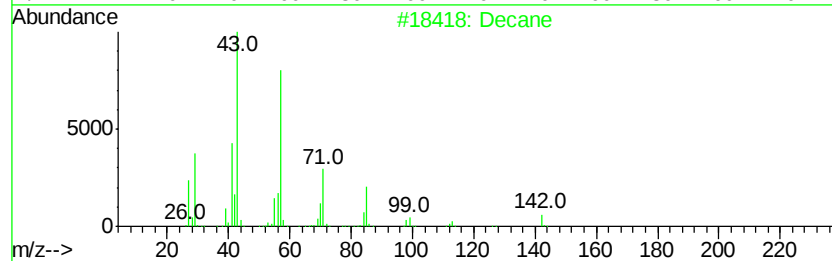
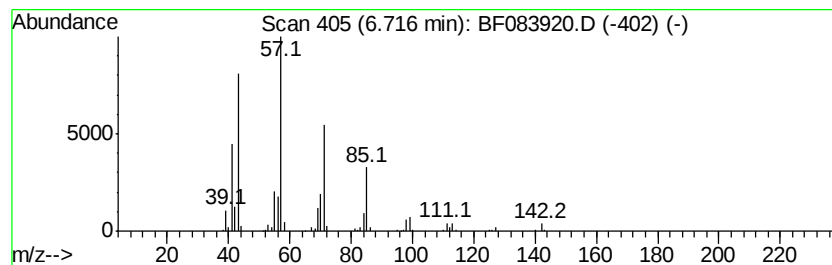
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	17.38 ng	629456	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	95
2	Hexadecane		226	C16H34	000544-76-3	80
3	Tetradecane		198	C14H30	000629-59-4	72
4	Heptane, 2,4-dimethyl-		128	C9H20	002213-23-2	64
5	3-Ethyl-3-methylheptane		142	C10H22	017302-01-1	59



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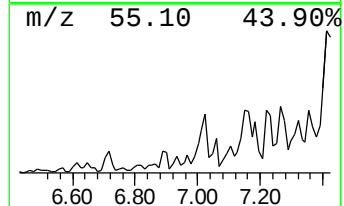
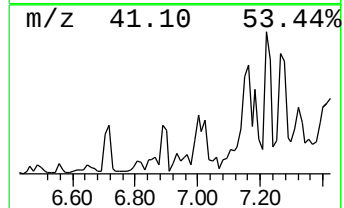
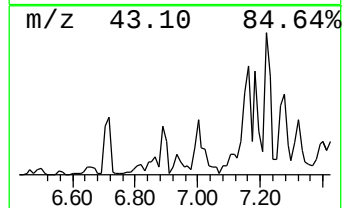
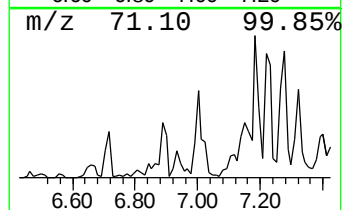
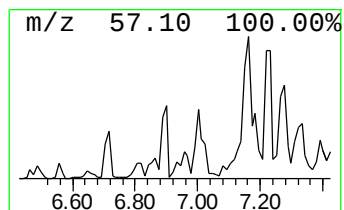
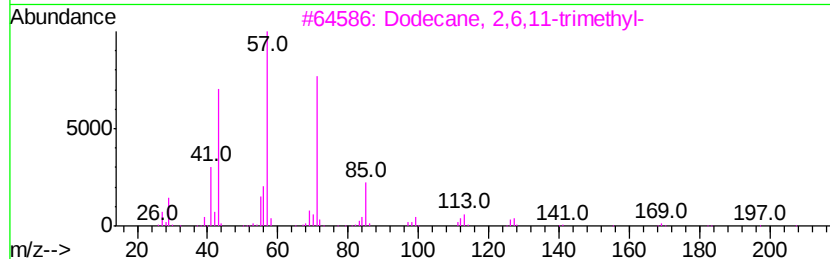
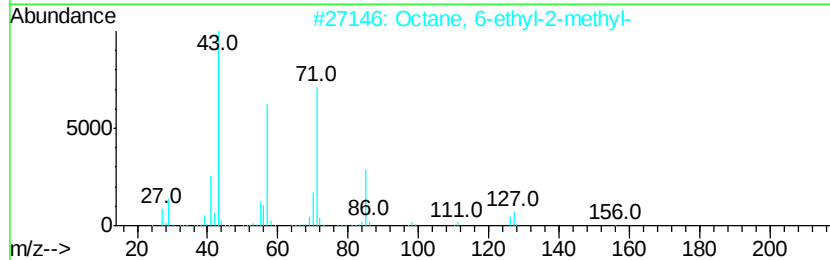
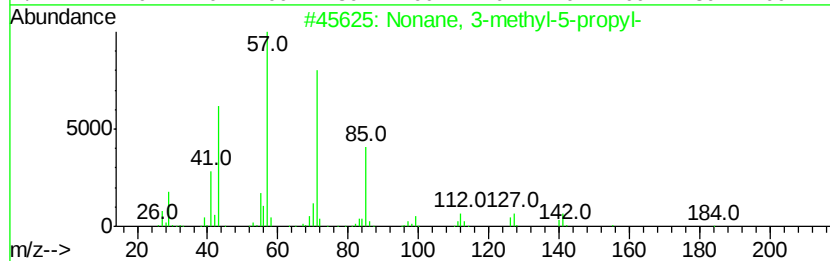
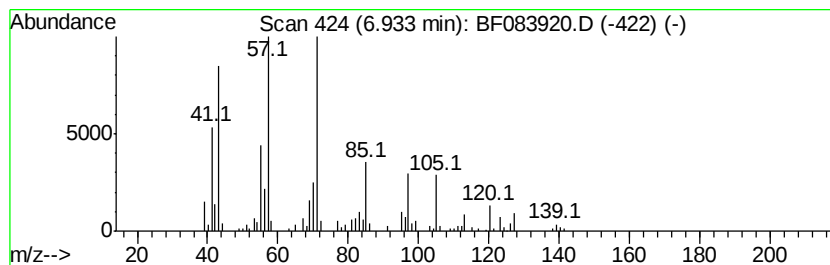
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Nonane, 3-methyl-5-propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	9.55 ng	345828	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	50
2		Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	50
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
4		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50
5		Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	50



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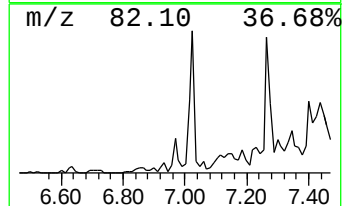
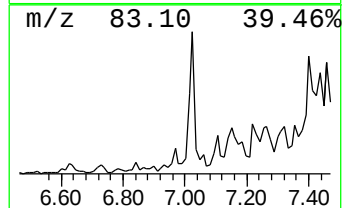
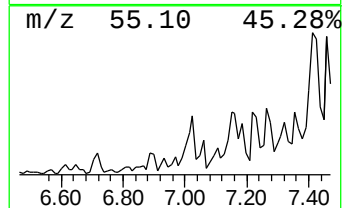
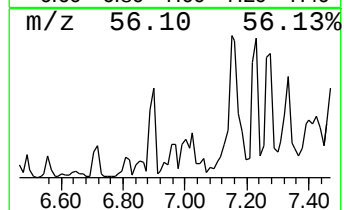
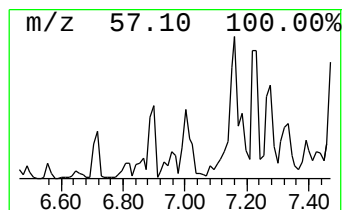
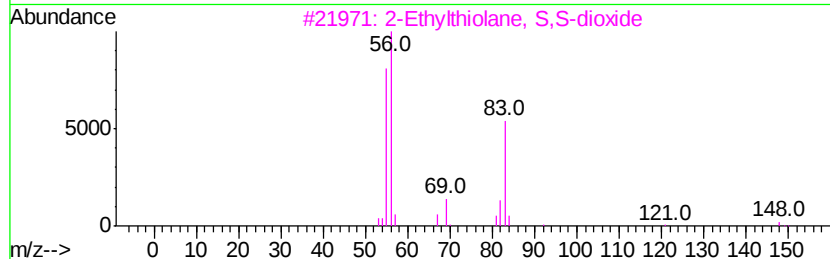
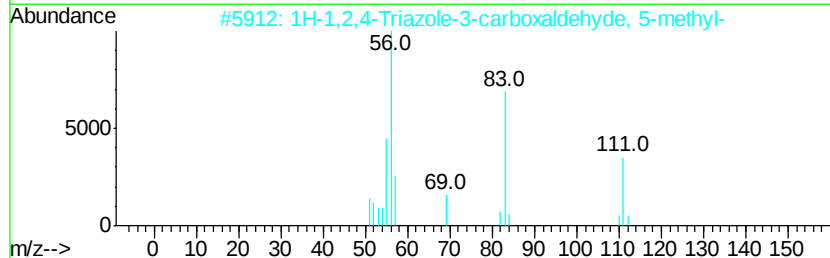
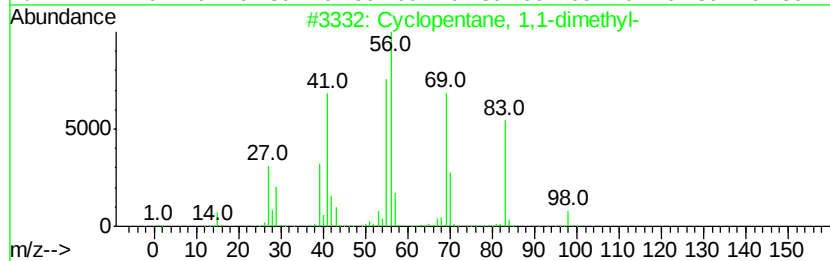
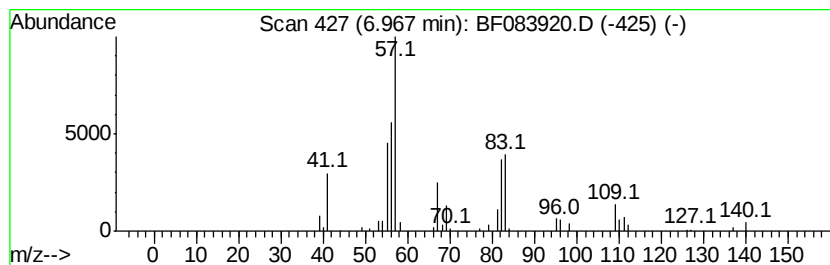
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown6.97 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	8.30 ng	300591	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	38
2		1H-1,2,4-Triazole-3-carboxaldehy...	111	C4H5N3O	056804-98-9	37
3		2-Ethylthiolane, S,S-dioxide	148	C6H12O2S	010178-59-3	25
4		Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	17
5		1-Hexene, 2-methyl-	98	C7H14	006094-02-6	14



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
Operator : UM/SJ
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Misc :
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Instrument :
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ClientSampleId :
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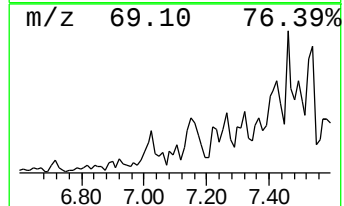
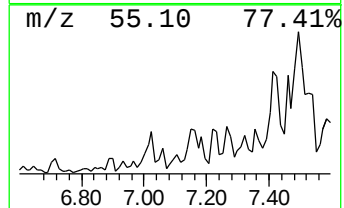
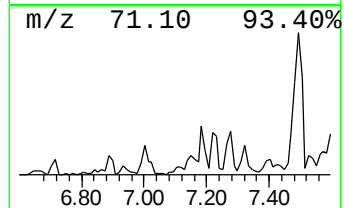
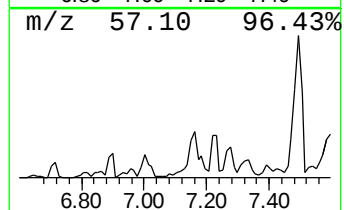
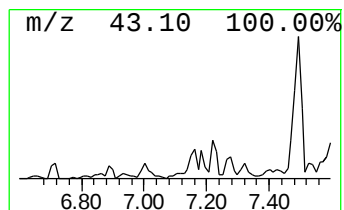
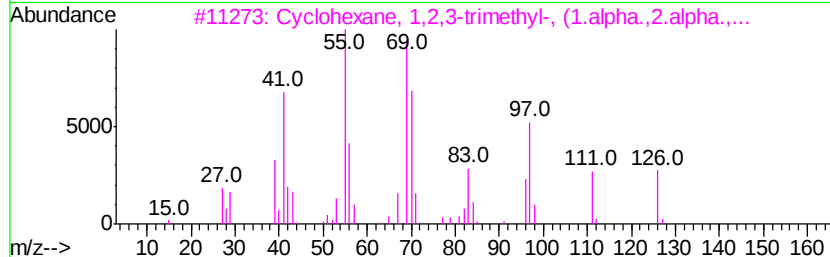
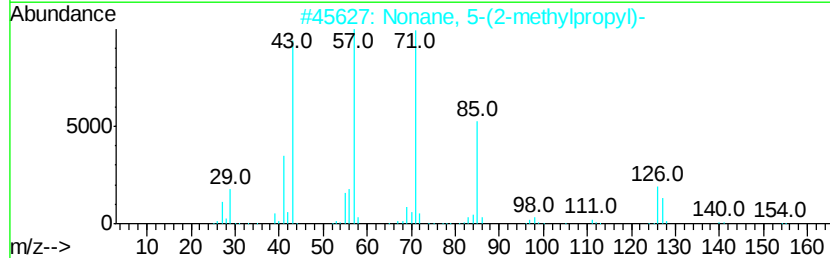
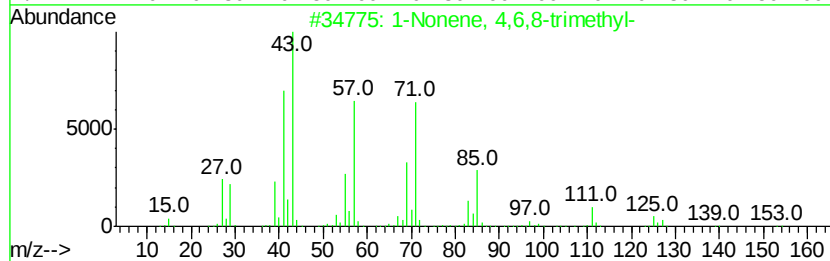
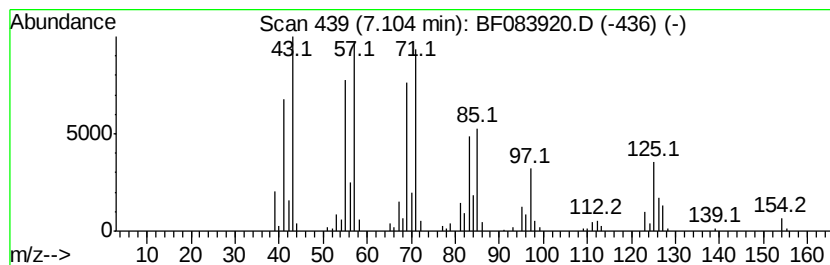
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.10 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	16.34 ng	591601	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Nonene, 4,6,8-trimethyl-	168	C12H24	054410-98-9	38
2		Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	38
3		Cyclohexane, 1,2,3-trimethyl-, (...)	126	C9H18	007667-55-2	30
4		2,3-Dimethyldecane	170	C12H26	017312-44-6	27
5		Hexane, 2,3,4-trimethyl-	128	C9H20	000921-47-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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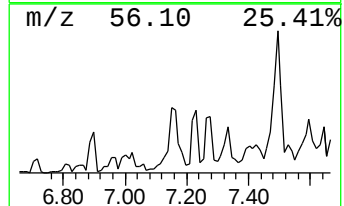
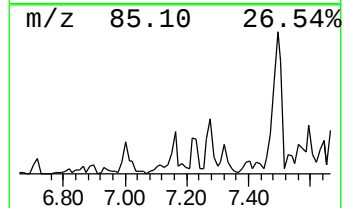
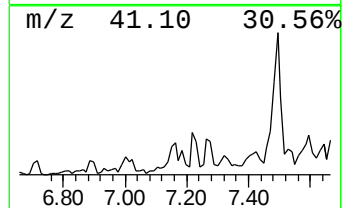
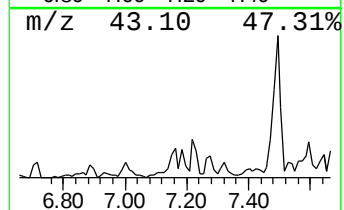
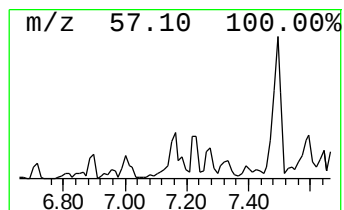
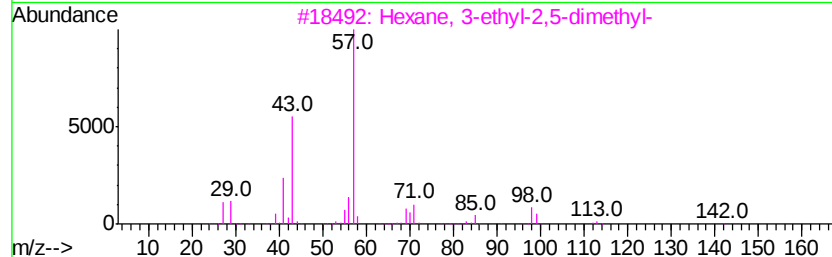
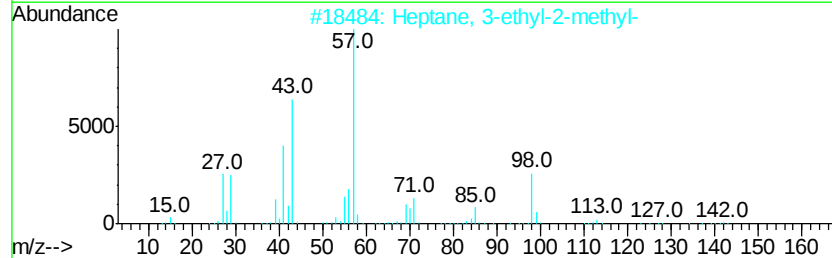
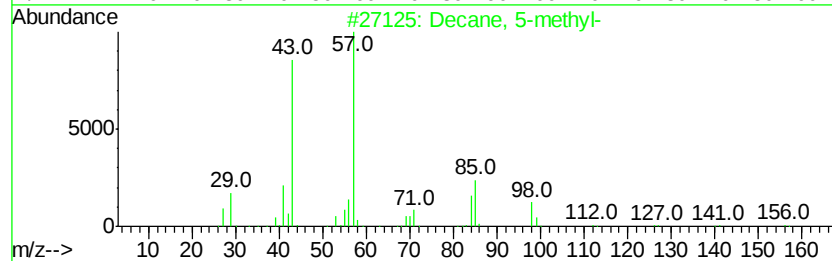
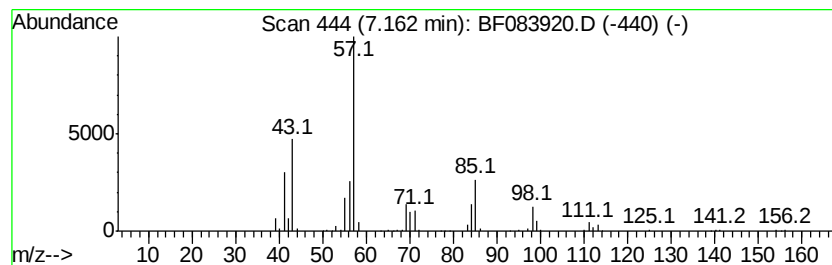
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 5-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	64.08 ng	2320150	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-methyl-	156	C11H24	013151-35-4	64
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	50
3		Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	50
4		Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
5		Hexane, 3-ethyl-3-methyl-	128	C9H20	003074-76-8	50



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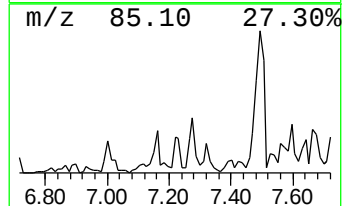
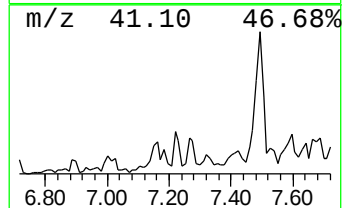
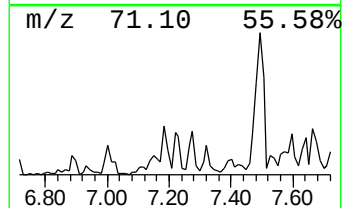
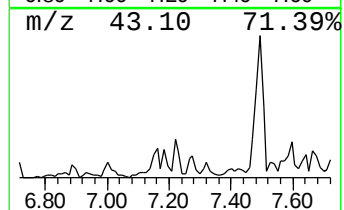
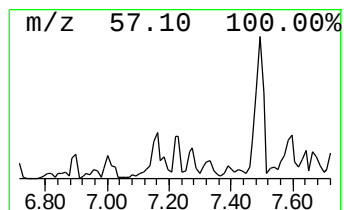
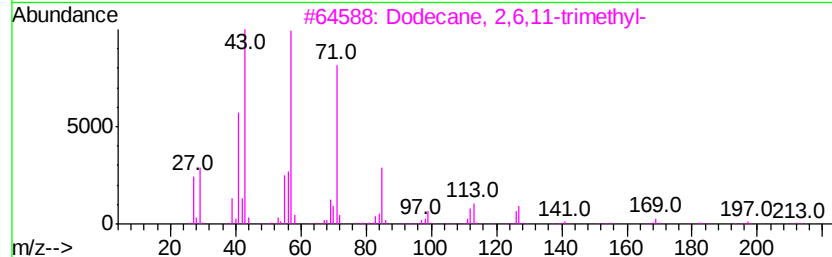
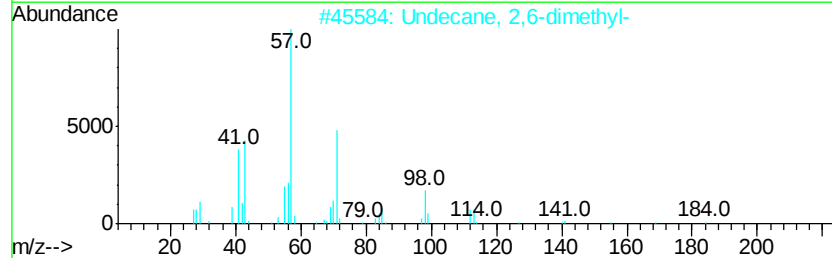
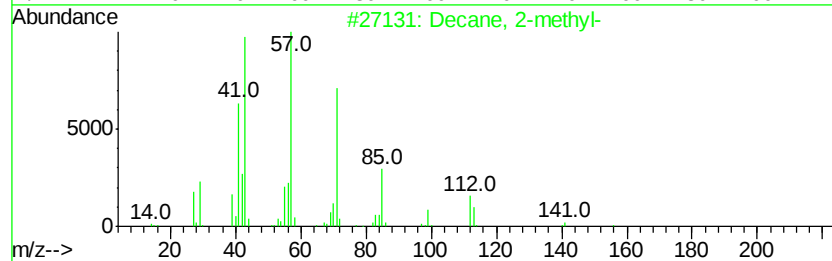
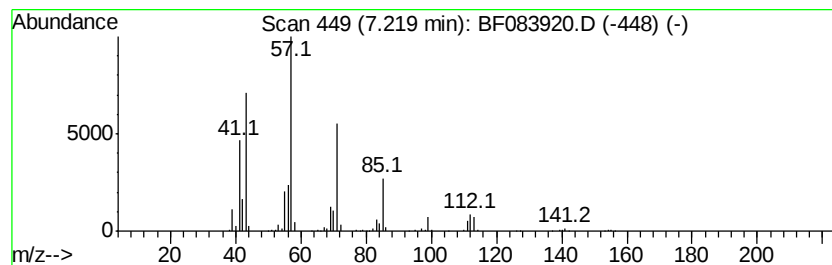
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	50.53 ng	1829540	1,4-Dichlorobenzene-d4	6.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24		006975-98-0	83
2	Undecane, 2,6-dimethyl-	184	C13H28		017301-23-4	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32		031295-56-4	80
4	Nonane, 3,7-dimethyl-	156	C11H24		017302-32-8	74
5	Octane, 3,6-dimethyl-	142	C10H22		015869-94-0	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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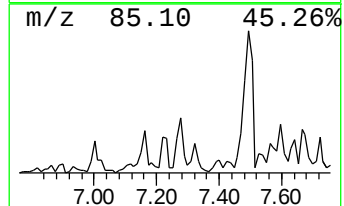
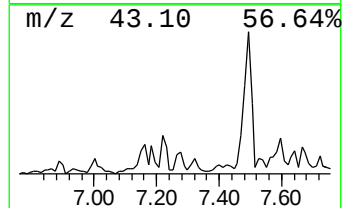
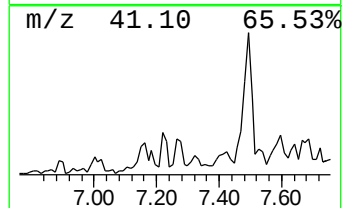
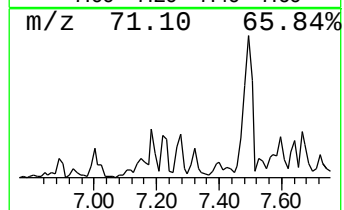
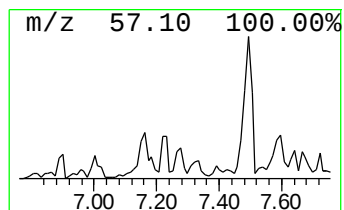
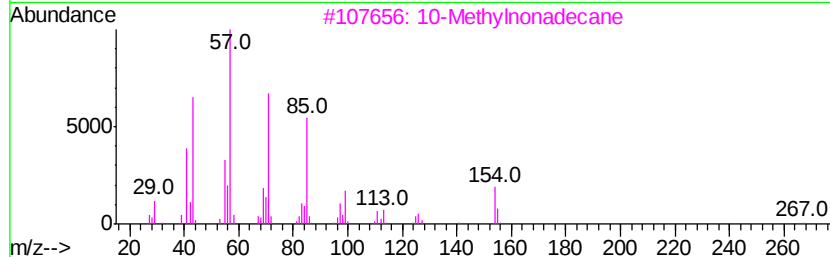
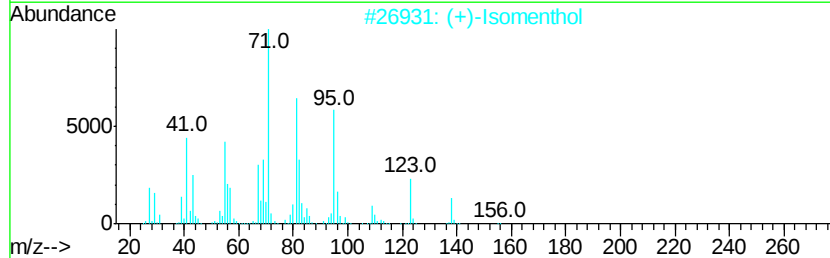
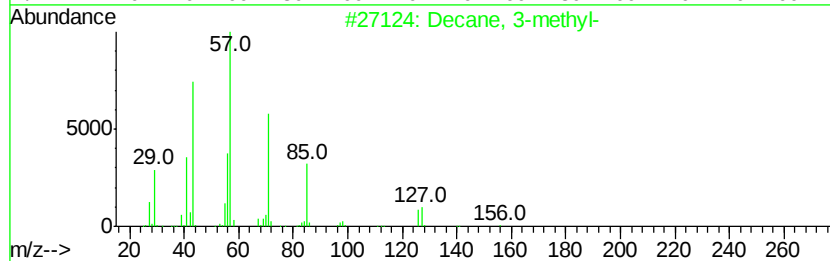
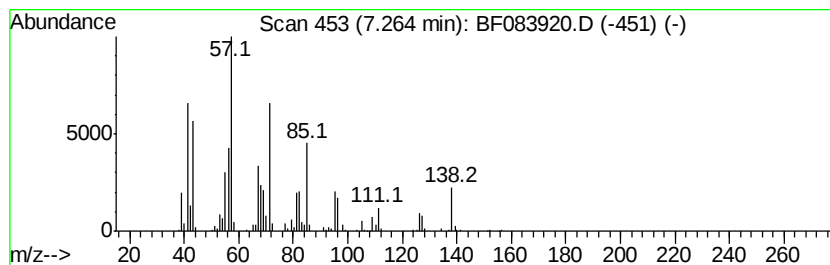
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown7.26 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	66.76 ng	2417390	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	46
2		(+)-Isomenthol	156	C10H20O	1000152-08-3	35
3		10-Methylnonadecane	282	C20H42	056862-62-5	35
4		Dodecane, 3-methyl-	184	C13H28	017312-57-1	35
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	35



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
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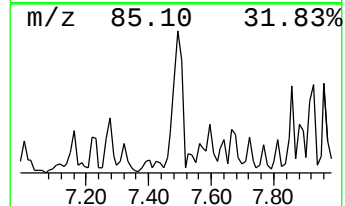
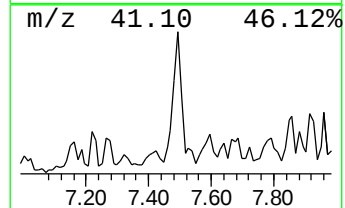
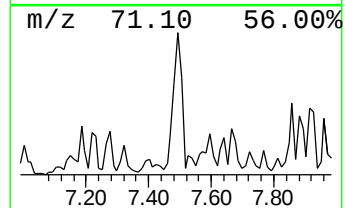
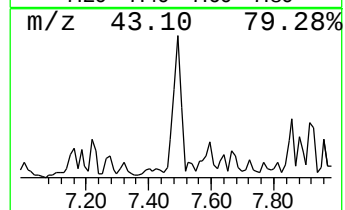
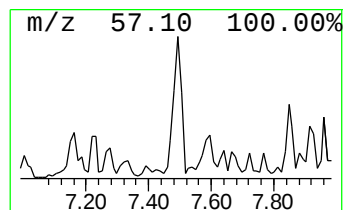
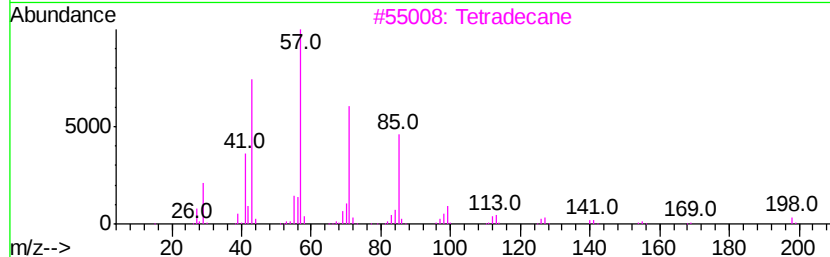
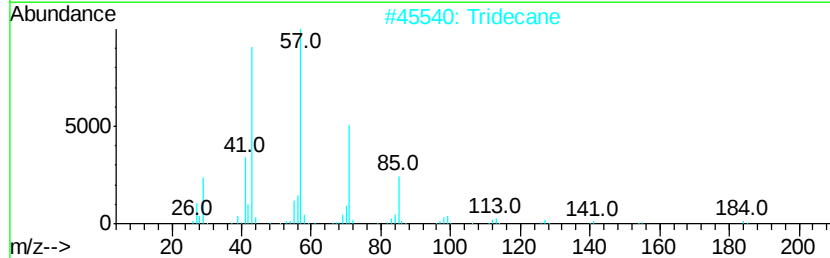
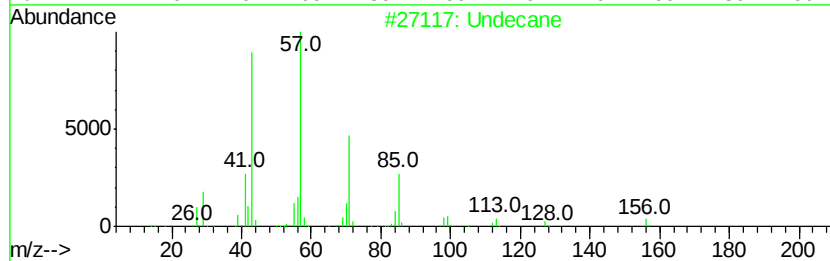
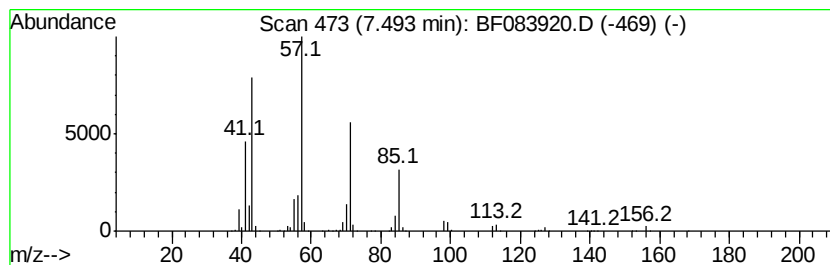
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	242.06 ng	8764360	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane	156	C11H24	001120-21-4	91
2		Tridecane	184	C13H28	000629-50-5	86
3		Tetradecane	198	C14H30	000629-59-4	83
4		Hexadecane	226	C16H34	000544-76-3	78
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
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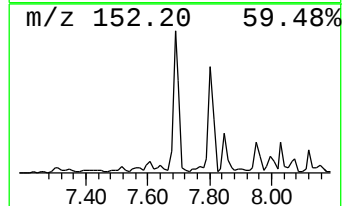
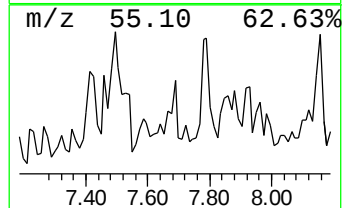
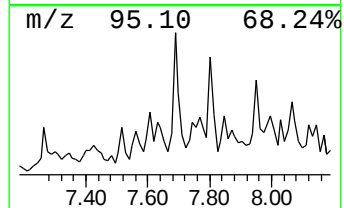
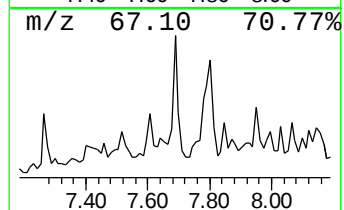
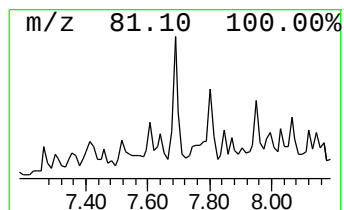
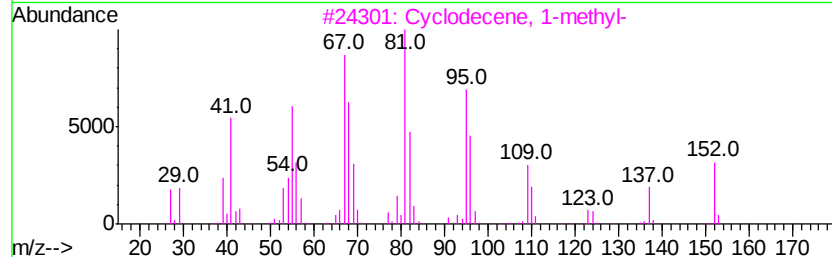
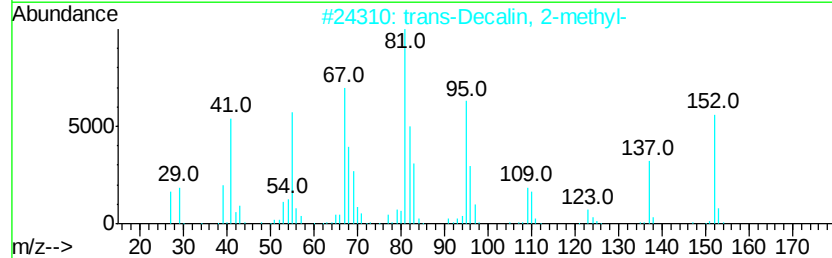
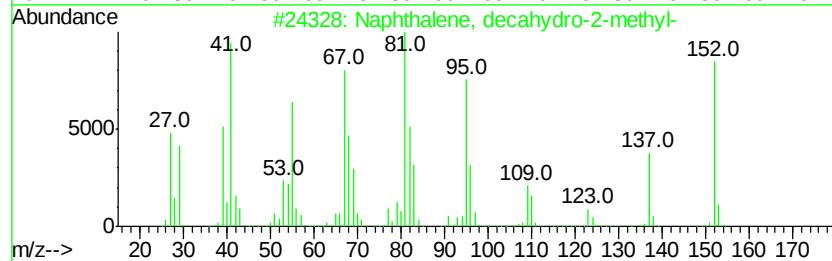
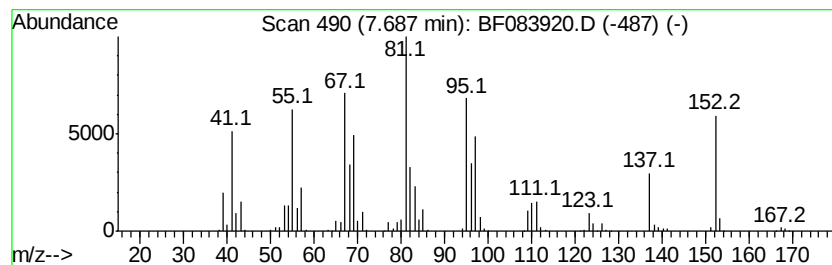
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Naphthalene, decahydro-2-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	9.35 ng	3944390	Naphthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2			trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	87
3			Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	72
4			Cyclohexanone, 2-(2-methylpropyl)-	152	C10H16O	043108-69-6	72
5			Cyclohexanone, 5-methyl-2-(1-met...	152	C10H16O	015932-80-6	58



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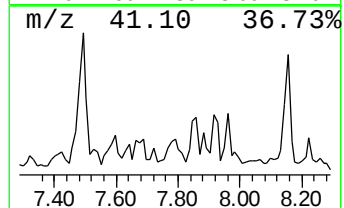
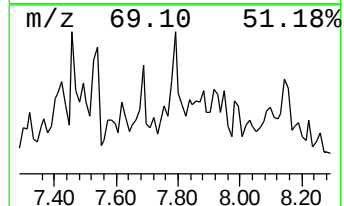
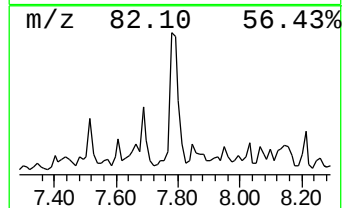
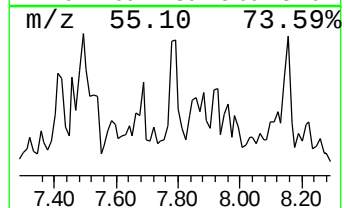
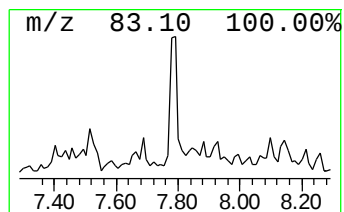
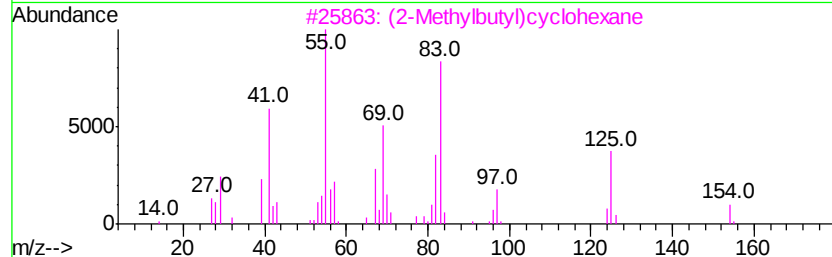
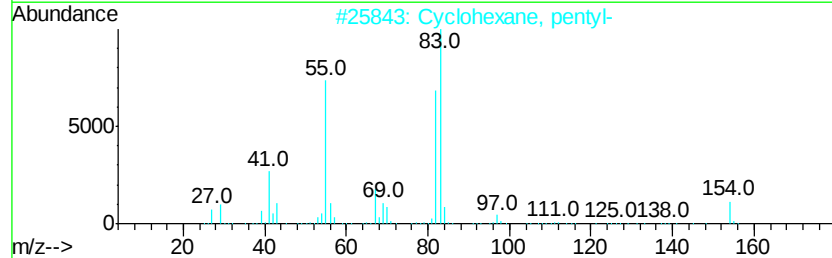
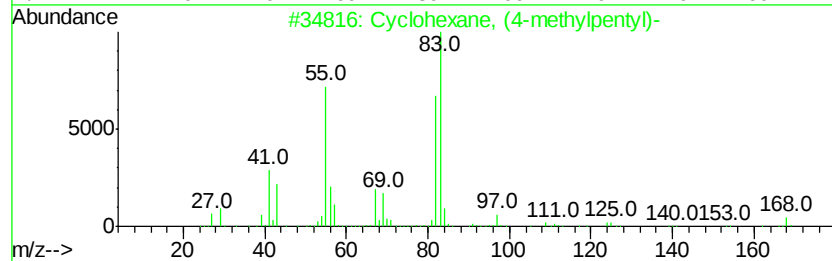
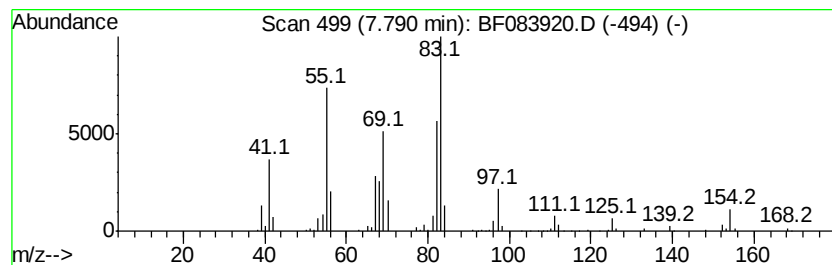
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Cyclohexane, (4-methylpentyl)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.79	13.56 ng	5719650	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	59
2		Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
3		(2-Methylbutyl)cyclohexane	154	C11H22	054105-77-0	58
4		Cyclohexane, (1-ethylpropyl)-	154	C11H22	026321-98-2	58
5		Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
Operator : UM/SJ
Sample : G4816-01 20X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LAR-9872

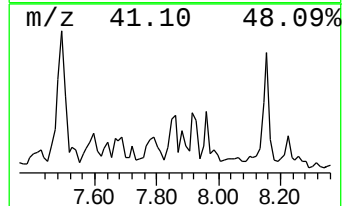
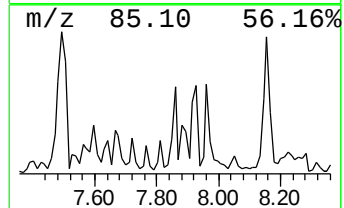
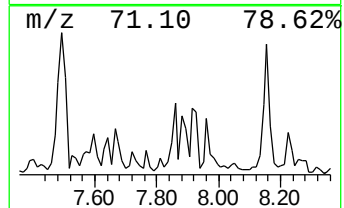
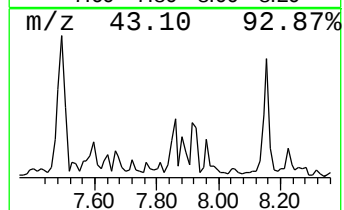
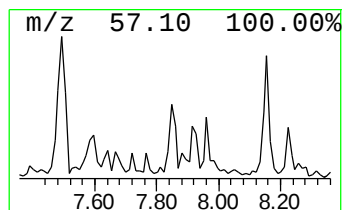
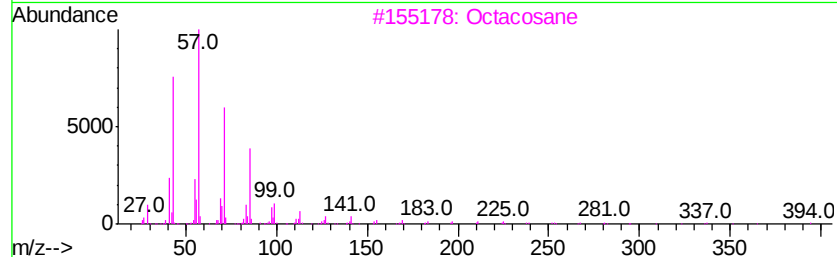
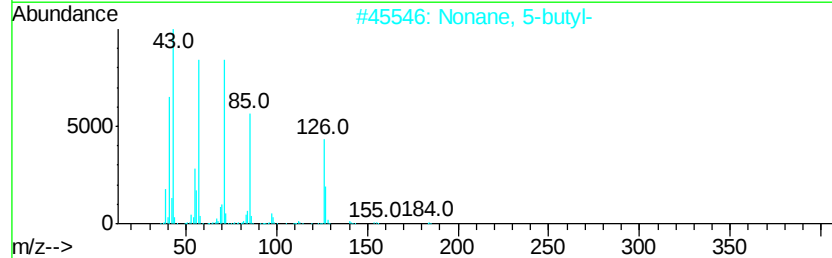
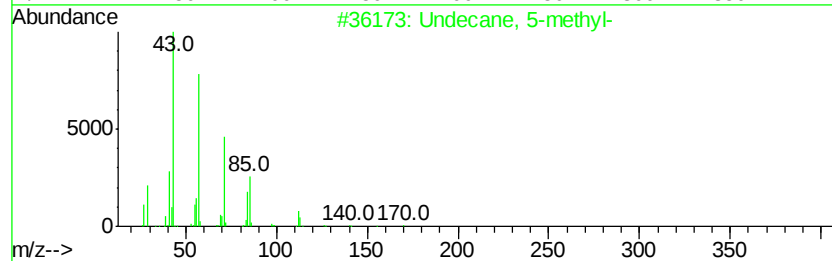
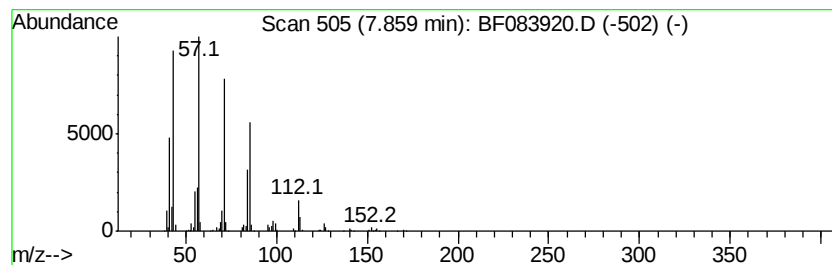
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Undecane, 5-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	9.64 ng	4065900	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 5-methyl-	170	C12H26	001632-70-8	90
2			Nonane, 5-butyl-	184	C13H28	017312-63-9	64
3			Octacosane	394	C28H58	000630-02-4	59
4			3-Ethyl-3-methylheptane	142	C10H22	017302-01-1	53
5			Nonane, 1-iodo-	254	C9H19I	004282-42-2	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
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ClientSampleId :
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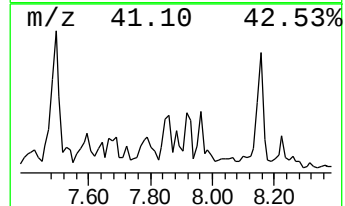
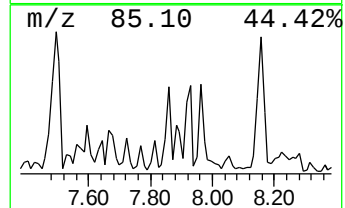
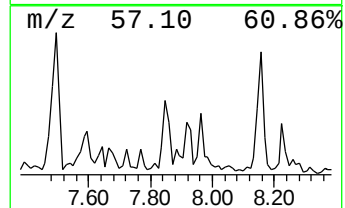
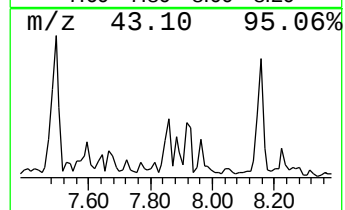
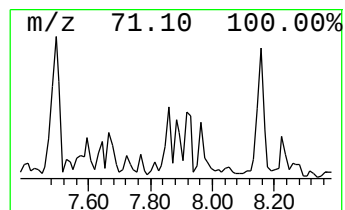
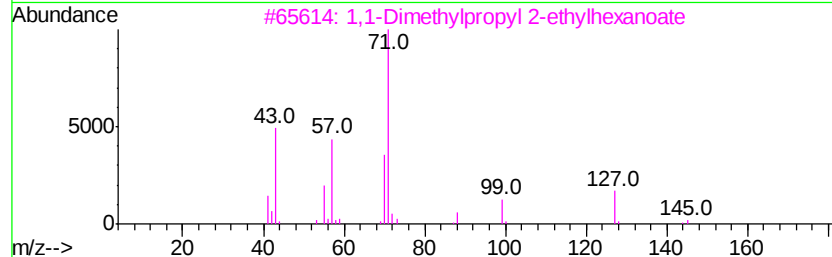
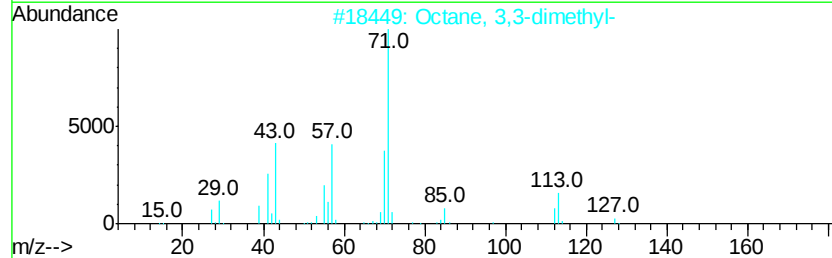
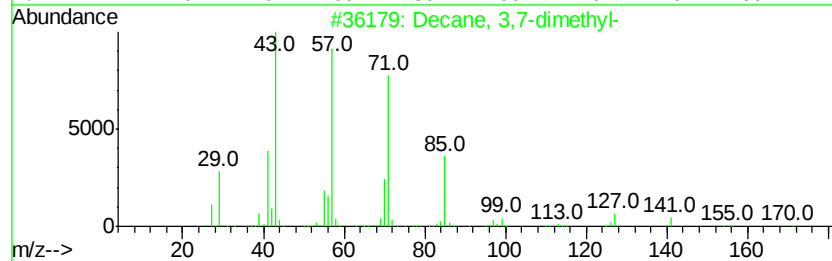
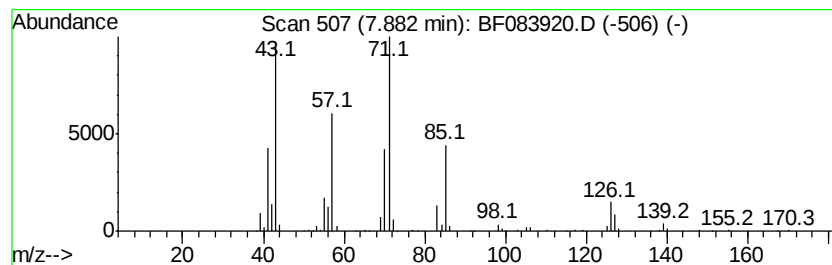
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Decane, 3,7-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.88	6.00 ng	2531350	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	64
2			Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	50
3			1,1-Dimethylpropyl 2-ethylhexanoate	214	C13H26O2	1000099-99-2	50
4			Octane, 2,3,6,7-tetramethyl-	170	C12H26	052670-34-5	50
5			2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
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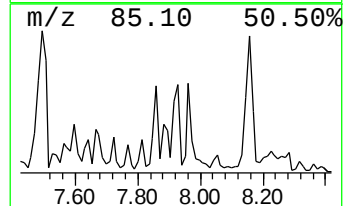
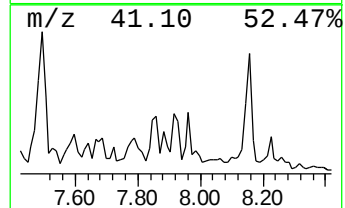
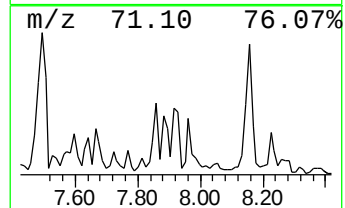
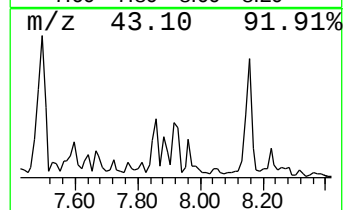
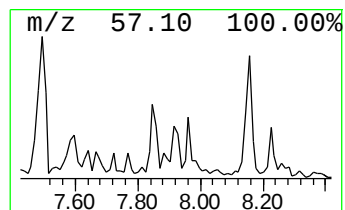
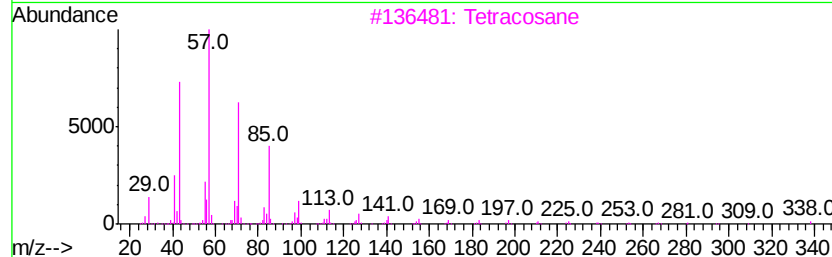
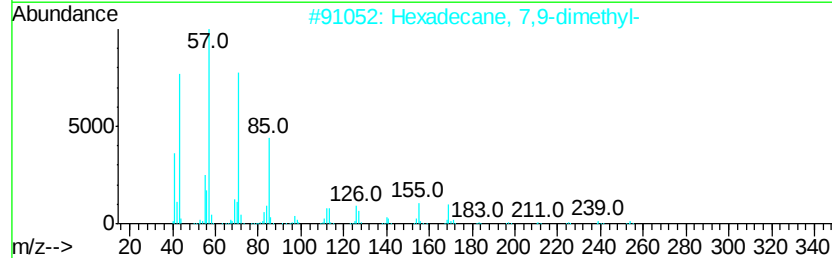
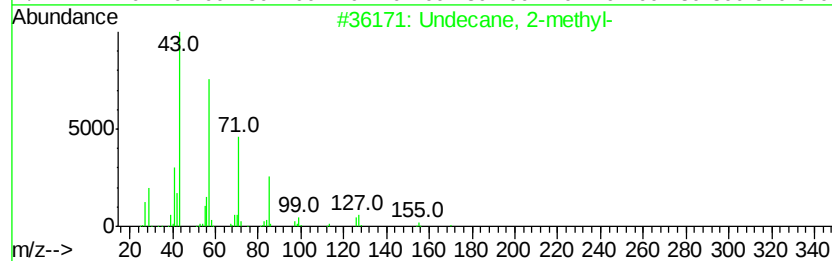
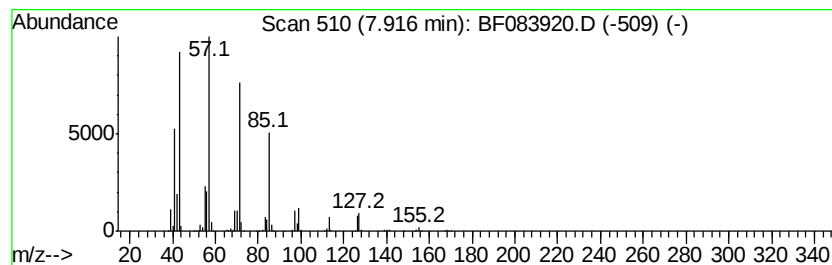
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	7.61 ng	3209070	Napthalene-d8	8.16

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 2-methyl-	170	C12H26	007045-71-8	91
2			Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	86
3			Tetracosane	338	C24H50	000646-31-1	86
4			Pentadecane	212	C15H32	000629-62-9	80
5			Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
Operator : UM/SJ
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Misc :
ALS Vial : 11 Sample Multiplier: 1

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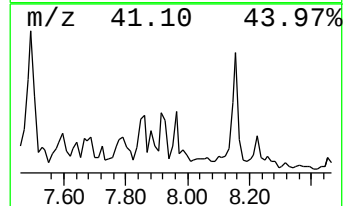
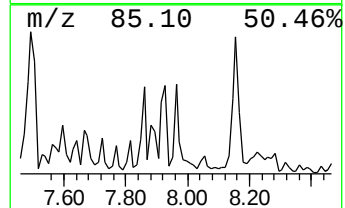
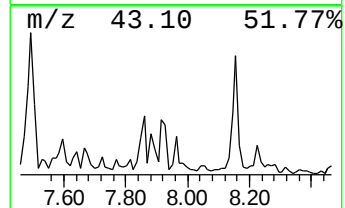
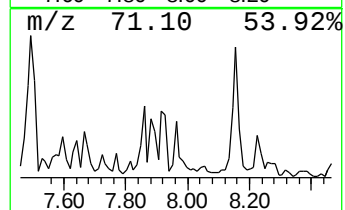
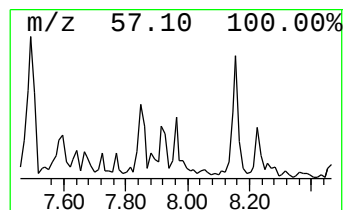
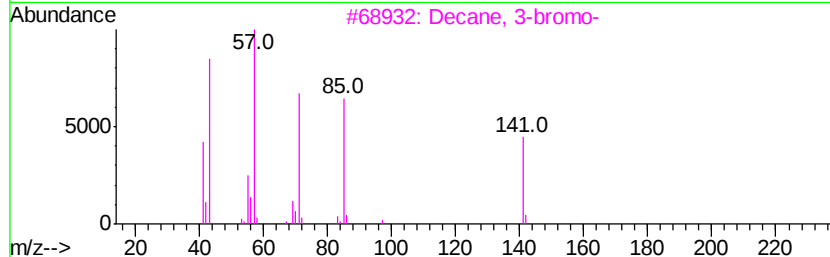
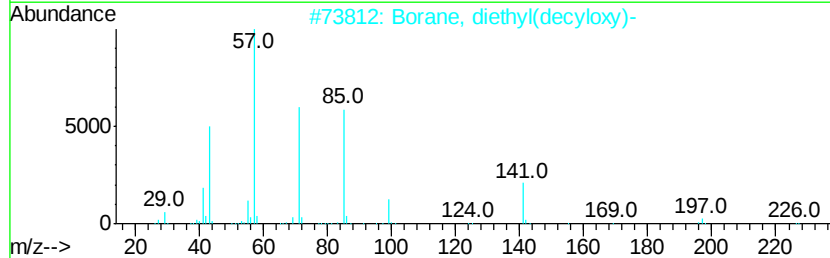
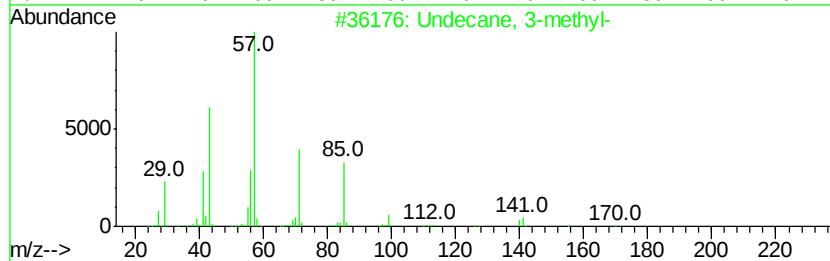
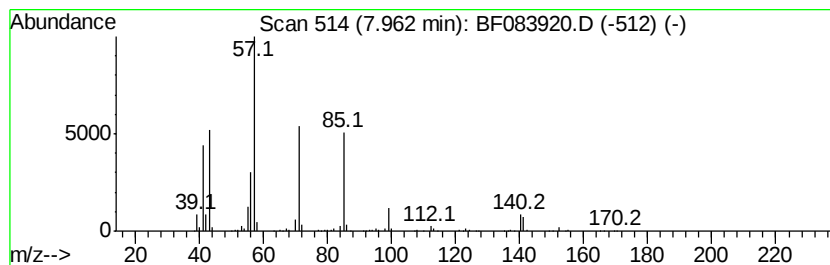
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Undecane, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	6.49 ng	2740200	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3-methyl-	170	C12H26	001002-43-3	64
2		Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	64
3		Decane, 3-bromo-	220	C10H21Br	030571-71-2	59
4		Dodecane, 5-methyl-	184	C13H28	017453-93-9	50
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
Data File : BF083920.D
Acq On : 18 Dec 2015 18:36
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ClientSampleId :
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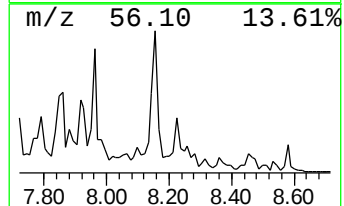
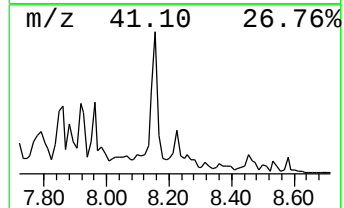
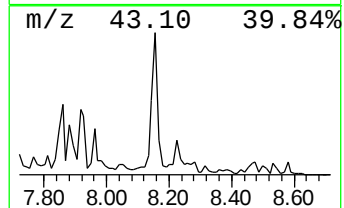
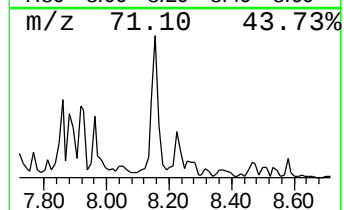
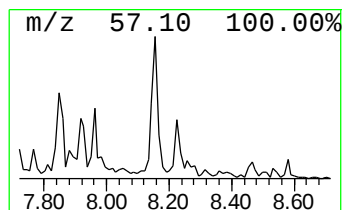
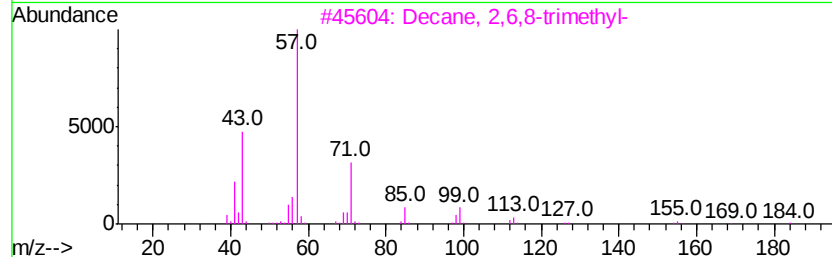
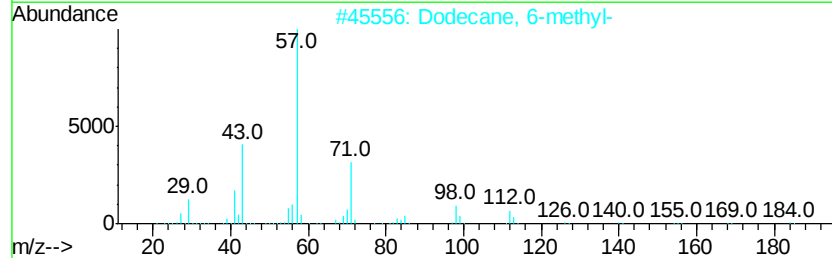
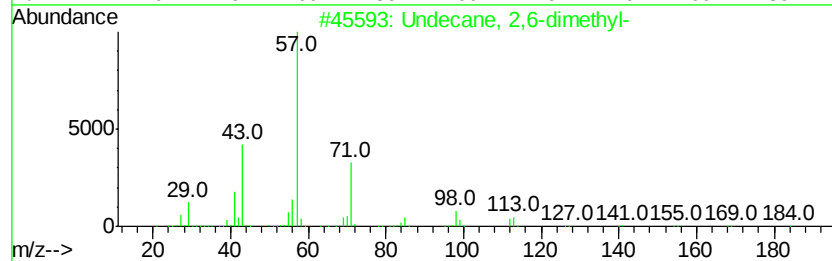
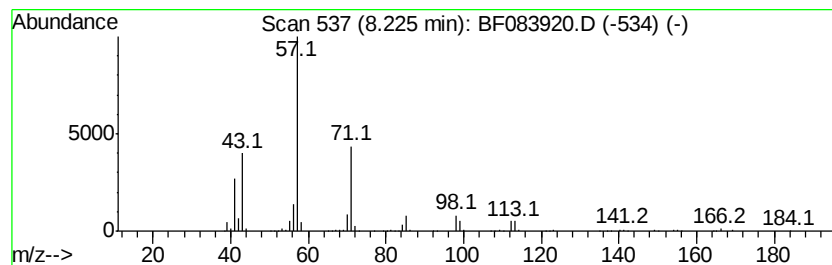
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Undecane, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	6.46 ng	2727180	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2		Dodecane, 6-methyl-	184	C13H28	006044-71-9	83
3		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	64
4		Undecane, 5-ethyl-	184	C13H28	017453-94-0	64
5		Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121915\
 Data File : BF083920.D
 Acq On : 18 Dec 2015 18:36
 Operator : UM/SJ
 Sample : G4816-01 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
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Tridecane	6.65	5.6	ng	202930	1	6.86	724149	20.0
Decane	6.72	17.4	ng	629456	1	6.86	724149	20.0
Nonane, 3-methyl-...	6.93	9.6	ng	345828	1	6.86	724149	20.0
unknown6.97	6.97	8.3	ng	300591	1	6.86	724149	20.0
unknown7.10	7.10	16.3	ng	591601	1	6.86	724149	20.0
Decane, 5-methyl-	7.16	64.1	ng	2320150	1	6.86	724149	20.0
Decane, 2-methyl-	7.22	50.5	ng	1829540	1	6.86	724149	20.0
unknown7.26	7.26	66.8	ng	2417390	1	6.86	724149	20.0
Undecane	7.49	242.1	ng	8764360	1	6.86	724149	20.0
Naphthalene, deca...	7.69	9.3	ng	3944390	2	8.16	8438540	20.0
Cyclohexane, (4-m...	7.79	13.6	ng	5719650	2	8.16	8438540	20.0
Undecane, 5-methyl-	7.86	9.6	ng	4065900	2	8.16	8438540	20.0
Decane, 3,7-dimet...	7.88	6.0	ng	2531350	2	8.16	8438540	20.0
Undecane, 2-methyl-	7.92	7.6	ng	3209070	2	8.16	8438540	20.0
Undecane, 3-methyl-	7.96	6.5	ng	2740200	2	8.16	8438540	20.0
Undecane, 2,6-dim...	8.22	6.5	ng	2727180	2	8.16	8438540	20.0