

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
 Data File : BF079755.D
 Acq On : 6 Jun 2015 5:00
 Operator : TP/IZ
 Sample : G2450-14 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT440NB6.1(8)

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-BF060515.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	1.461	22	24	26	rVB	197733	188969	5.64%	1.200%
2	1.713	43	46	49	rVB	2742665	3352431	100.00%	21.288%
3	2.078	75	78	81	rVB	117202	184451	5.50%	1.171%
4	2.433	107	109	121	rVB	326457	506447	15.11%	3.216%
5	6.102	428	430	432	rBV	293754	243166	7.25%	1.544%
6	7.073	514	515	518	rVB	235047	235664	7.03%	1.496%
7	7.256	529	531	533	rVB	267764	248238	7.40%	1.576%
8	7.485	549	551	553	rBV	256488	298973	8.92%	1.898%
9	7.645	563	565	567	rVB	185804	190831	5.69%	1.212%
10	8.788	662	665	667	rBV	313966	438950	13.09%	2.787%
11	9.850	757	758	761	rBV	227219	319809	9.54%	2.031%
12	10.136	780	783	785	rBV	190090	267298	7.97%	1.697%
13	10.205	787	789	790	rVV	217592	217850	6.50%	1.383%
14	10.239	790	792	797	rVB3	205784	316727	9.45%	2.011%
15	10.331	797	800	803	rBV2	118789	185406	5.53%	1.177%
16	10.456	809	811	813	rBV	210258	165258	4.93%	1.049%
17	10.559	818	820	827	rVB2	632495	681826	20.34%	4.330%
18	10.651	827	828	831	rBV	128858	190515	5.68%	1.210%
19	10.753	835	837	839	rBV2	173063	203073	6.06%	1.289%
20	10.959	853	855	859	rBV2	313926	379361	11.32%	2.409%
21	11.131	864	870	872	rBV4	96687	254889	7.60%	1.619%
22	11.348	888	889	893	rBV4	182530	245498	7.32%	1.559%
23	11.439	895	897	899	rBV	177255	213580	6.37%	1.356%
24	11.896	932	937	938	rBV3	127817	282971	8.44%	1.797%
25	12.068	950	952	953	rBV	689698	620215	18.50%	3.938%
26	12.319	973	974	977	rVB2	151346	212442	6.34%	1.349%
27	12.399	979	981	985	rVB3	111362	187280	5.59%	1.189%
28	12.582	995	997	998	rBV	254756	286044	8.53%	1.816%
29	12.605	998	999	1001	rVB	338860	316426	9.44%	2.009%
30	12.696	1005	1007	1008	rBV	160958	210436	6.28%	1.336%
31	12.879	1021	1023	1025	rBV2	124551	187751	5.60%	1.192%
32	13.154	1045	1047	1049	rBV	378700	377468	11.26%	2.397%
33	13.337	1061	1063	1065	rBV2	157768	230567	6.88%	1.464%
34	13.588	1083	1085	1087	rVB	385872	382410	11.41%	2.428%

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RT440NB6.1(8)

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-BF060515.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	13.725	1094	1097	1098	rVB	276648	387094	11.55%	2.458%
36	14.068	1124	1127	1128	rBV	165214	194775	5.81%	1.237%
37	14.171	1134	1136	1138	rBV	161093	177402	5.29%	1.126%
38	14.651	1176	1178	1181	rBV3	69811	166804	4.98%	1.059%
39	14.960	1202	1205	1207	rBV2	616110	824562	24.60%	5.236%
40	15.131	1217	1220	1222	rBV2	110097	169049	5.04%	1.073%
41	16.720	1356	1359	1363	rVB	100128	166016	4.95%	1.054%
42	16.880	1370	1373	1388	rVB	427873	839373	25.04%	5.330%

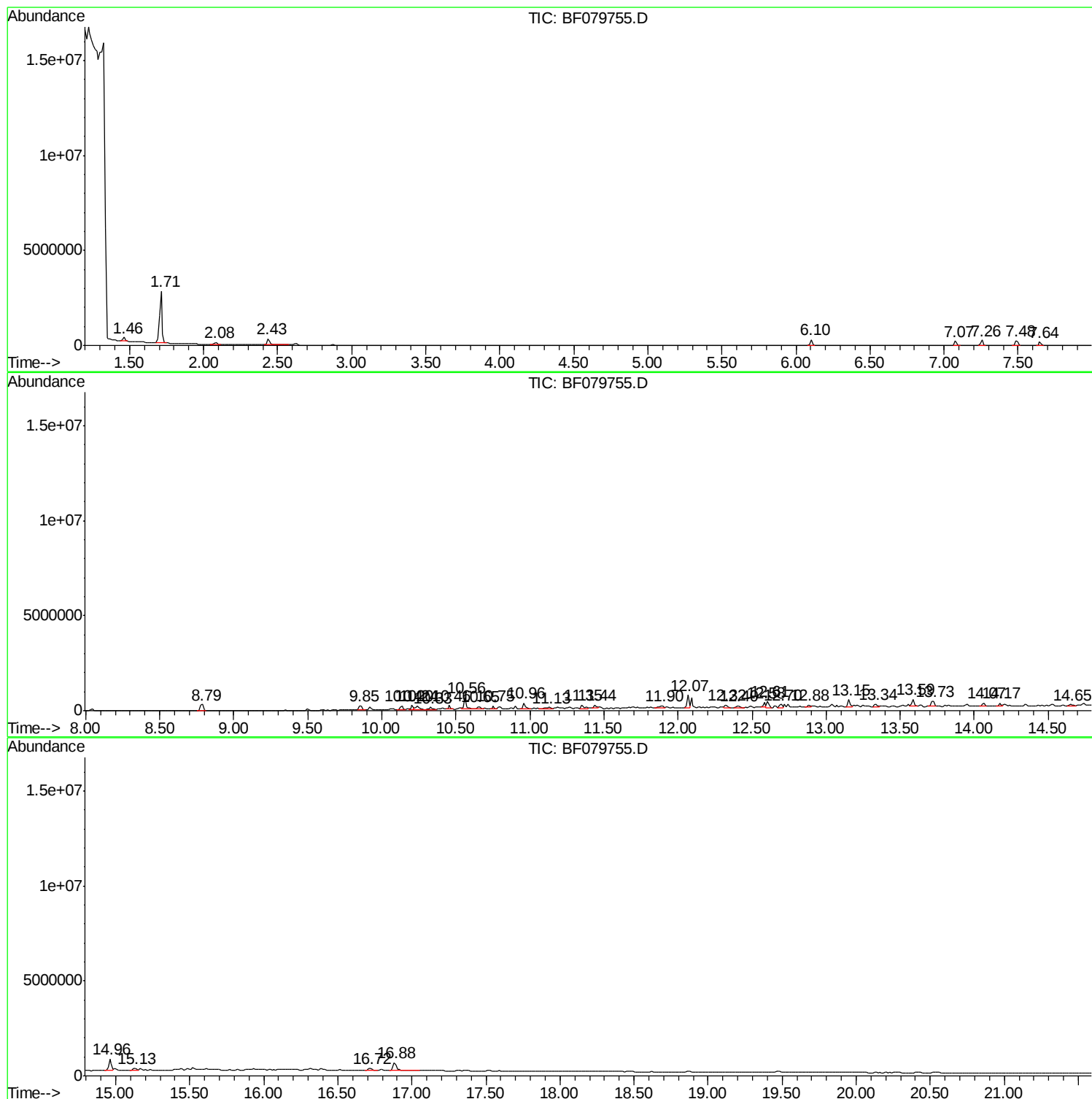
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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RT440NB6.1(8)

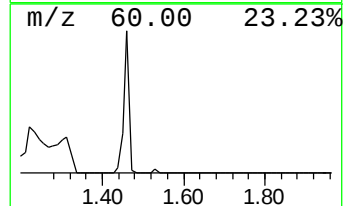
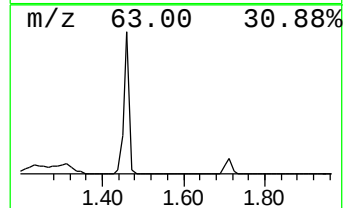
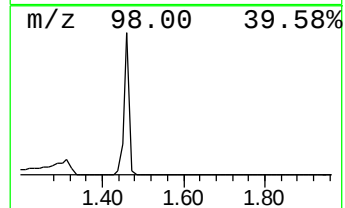
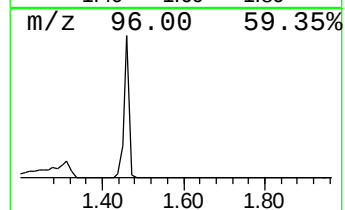
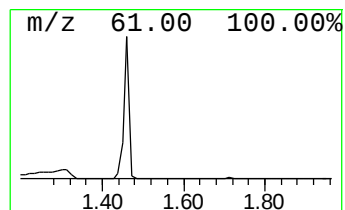
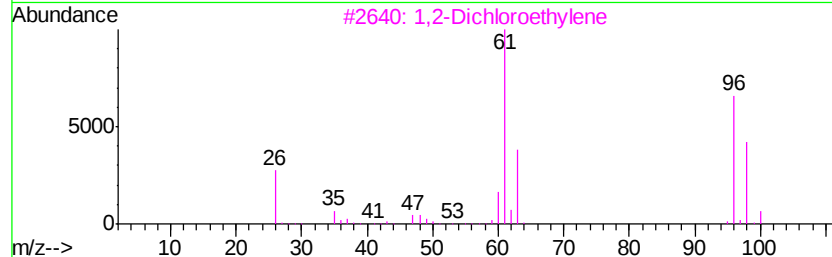
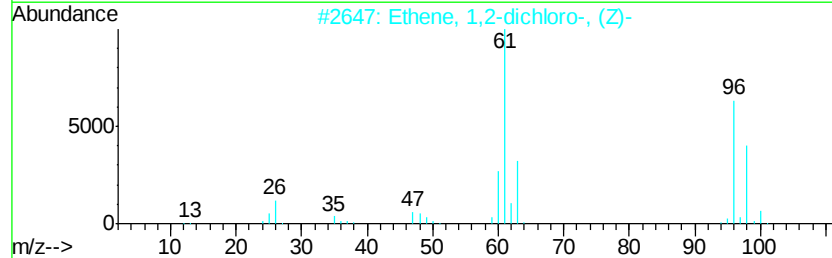
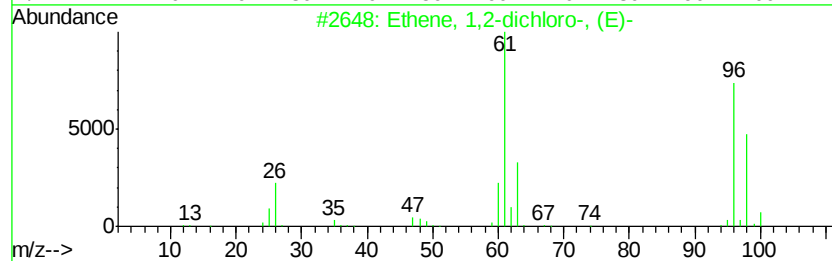
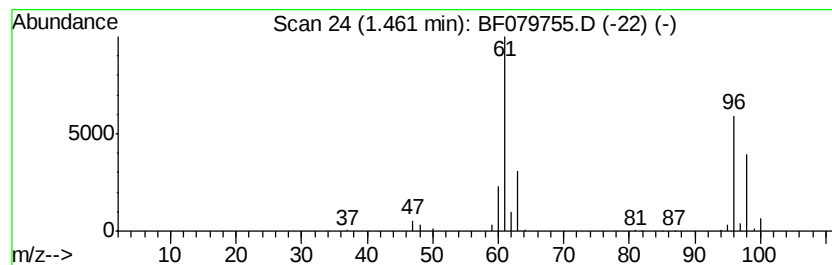
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Ethene, 1,2-dichloro-, (E)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.46	12.64 ng	188969	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	95
2		Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	94
3		1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	91
4		Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
5		Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	47



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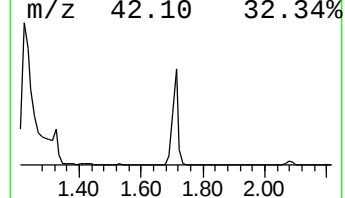
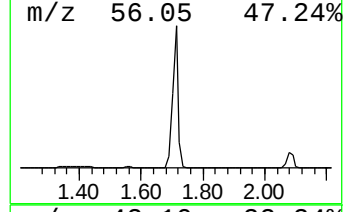
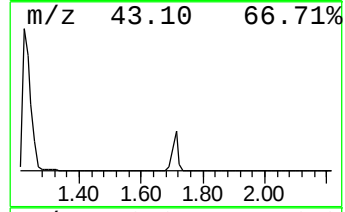
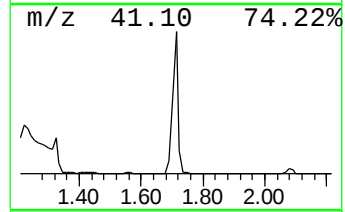
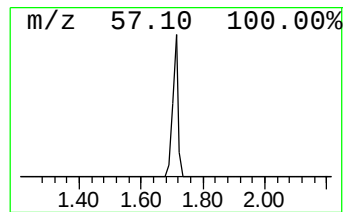
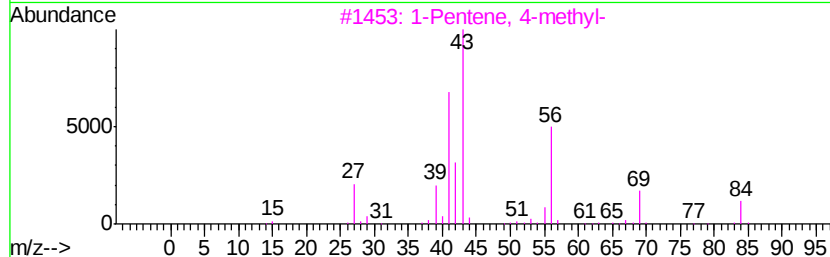
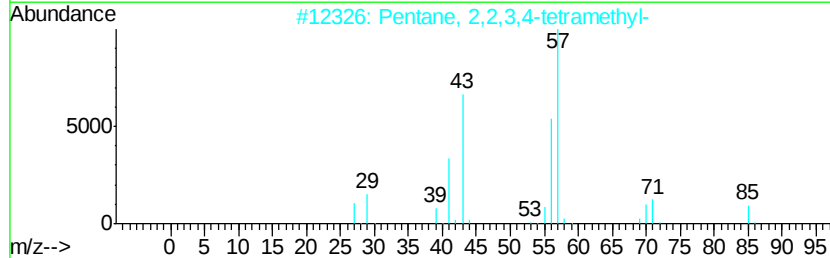
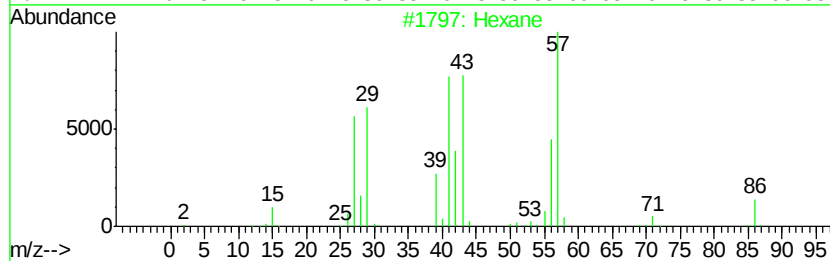
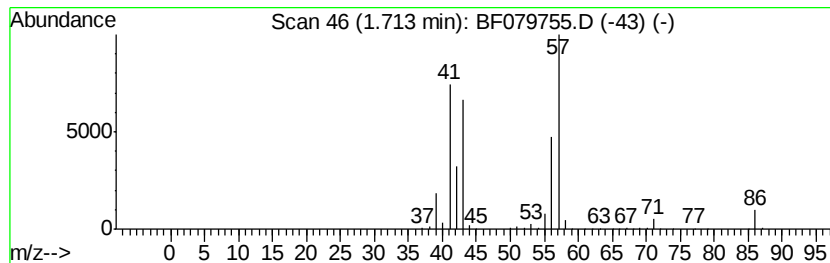
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Hexane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.71	224.26 ng	3352430	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane	86	C6H14	000110-54-3	72
2		Pentane, 2,2,3,4-tetramethyl-	128	C9H20	001186-53-4	40
3		1-Pentene, 4-methyl-	84	C6H12	000691-37-2	38
4		Methane, isocyanato-	57	C2H3NO	000624-83-9	32
5		Pentane, 2,2,4,4-tetramethyl-	128	C9H20	001070-87-7	28



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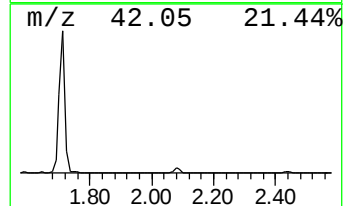
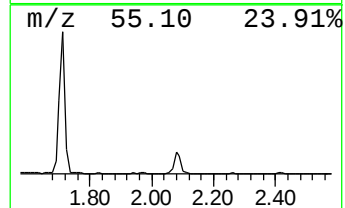
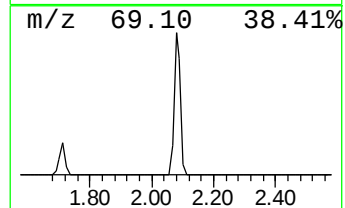
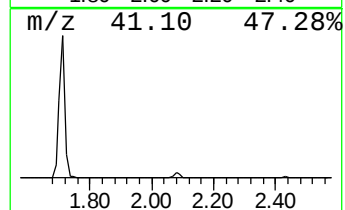
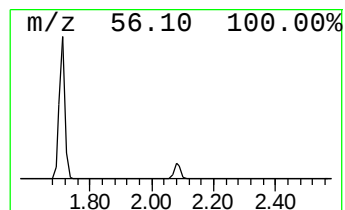
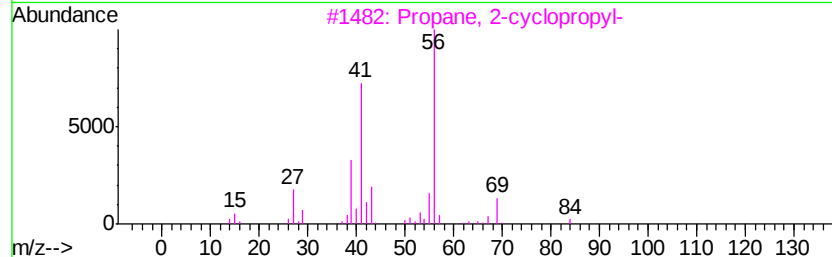
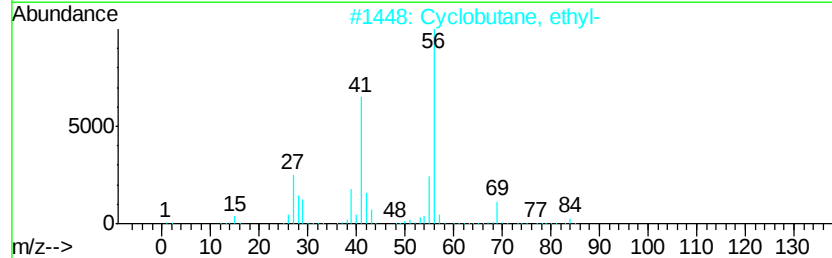
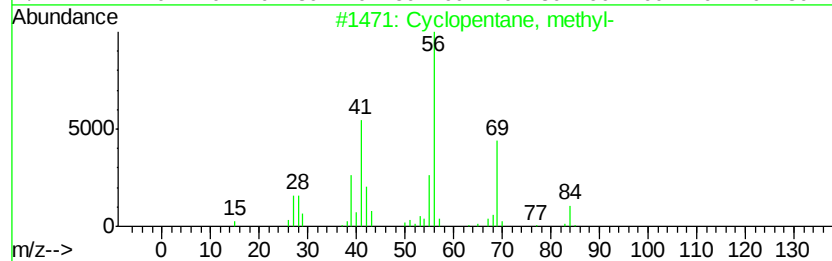
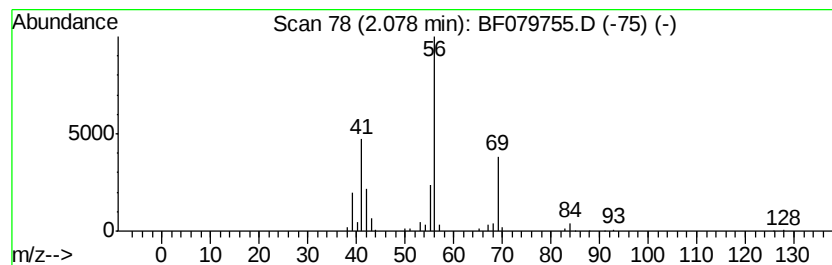
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Cyclopentane, methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.08	12.34 ng	184451	1,4-Dichlorobenzene-d4	7.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, methyl-	84	C6H12	000096-37-7	87
2			Cyclobutane, ethyl-	84	C6H12	004806-61-5	80
3			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	59
4			Cyclohexane	84	C6H12	000110-82-7	56
5			2H-Pyran-2-one, tetrahydro-5,6-d...	128	C7H12O2	024405-16-1	42



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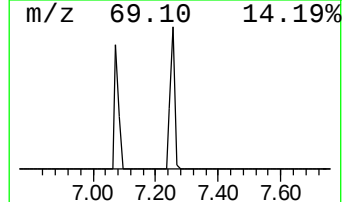
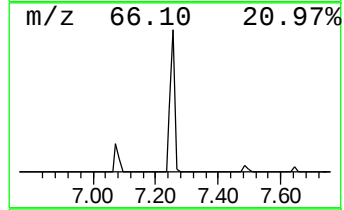
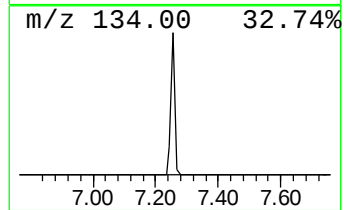
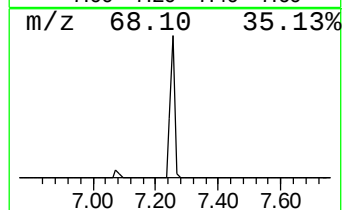
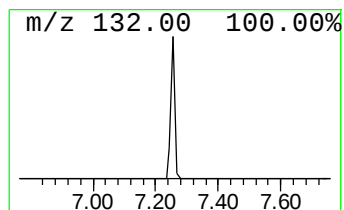
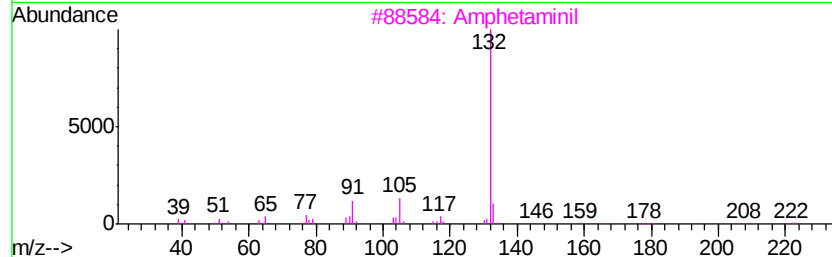
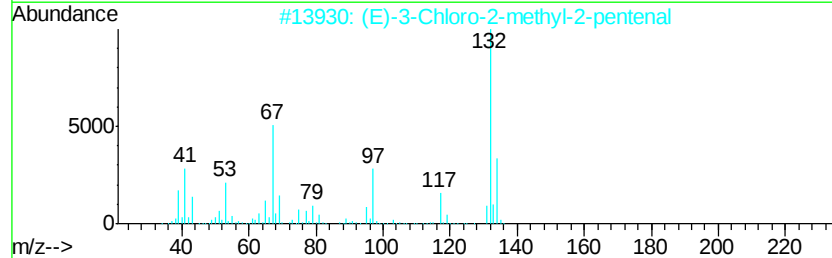
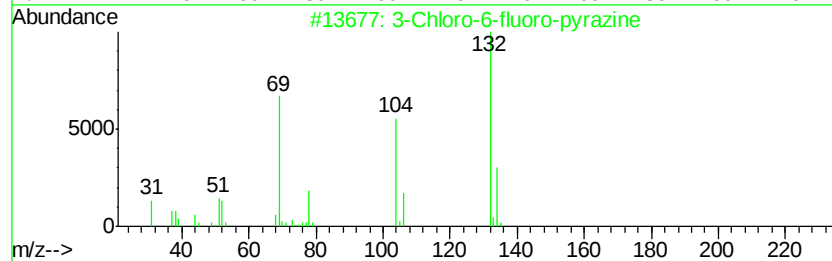
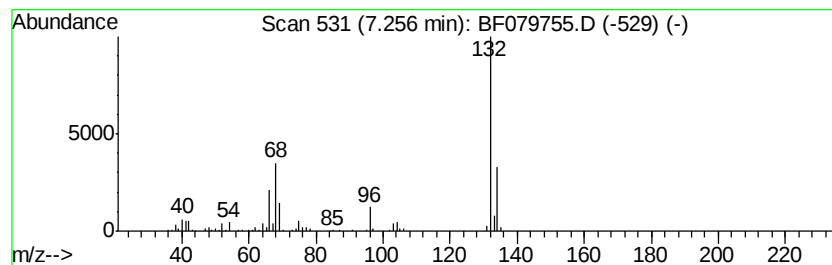
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.26 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.26	16.61 ng	248238	1,4-Dichlorobenzene-d4	7.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		Amphetaminil	250	C17H18N2	017590-01-1	12
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12



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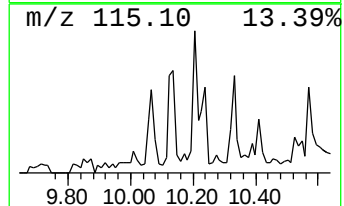
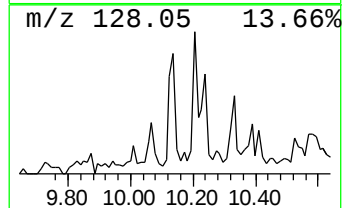
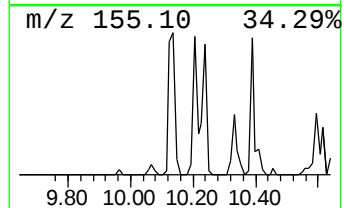
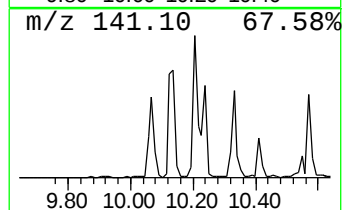
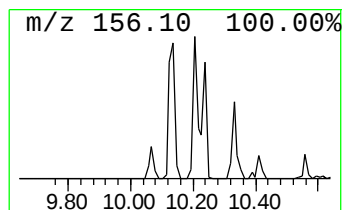
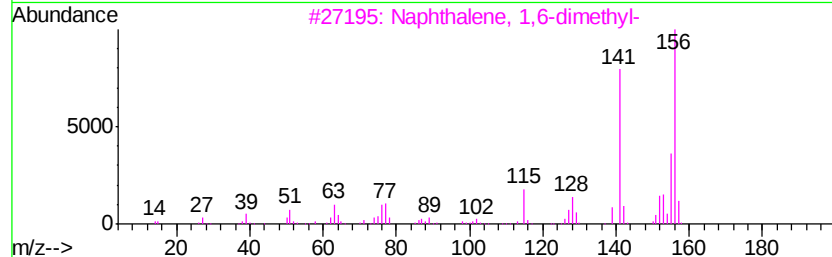
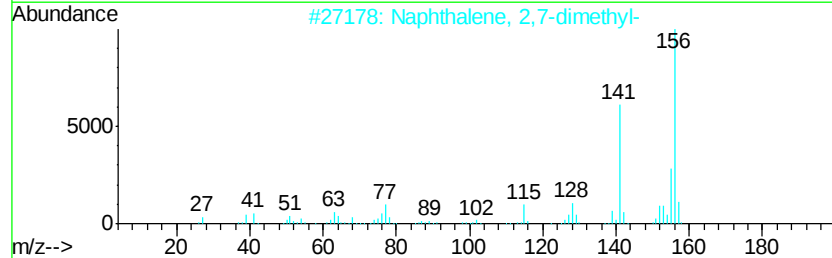
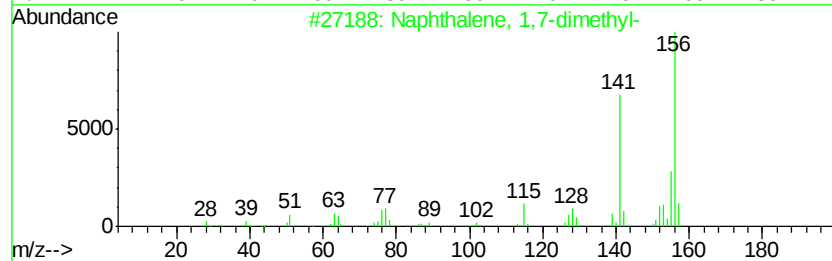
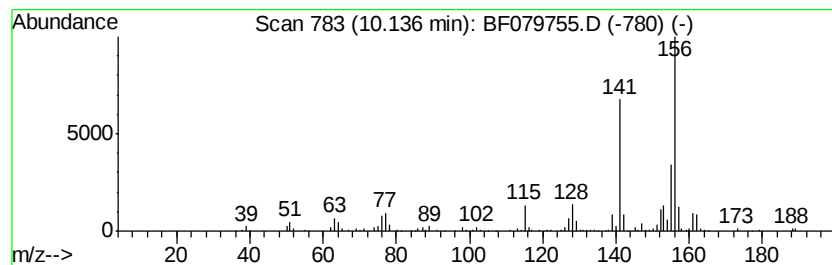
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.14	7.84 ng	267298	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
3		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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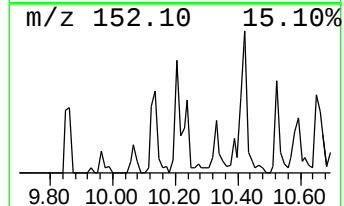
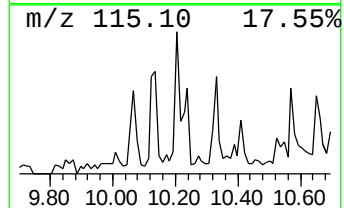
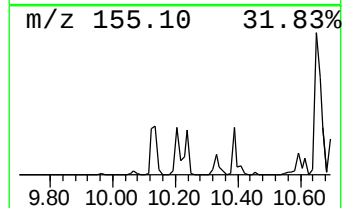
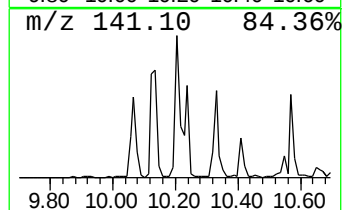
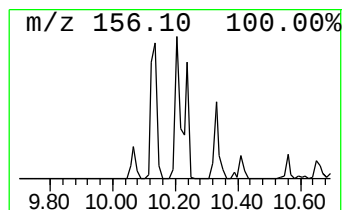
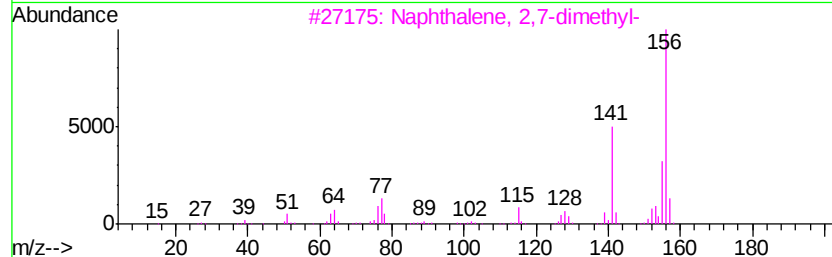
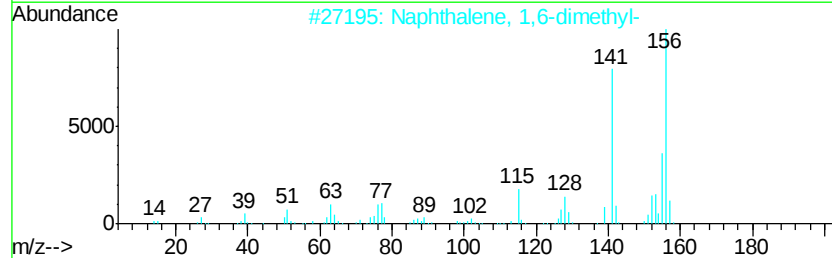
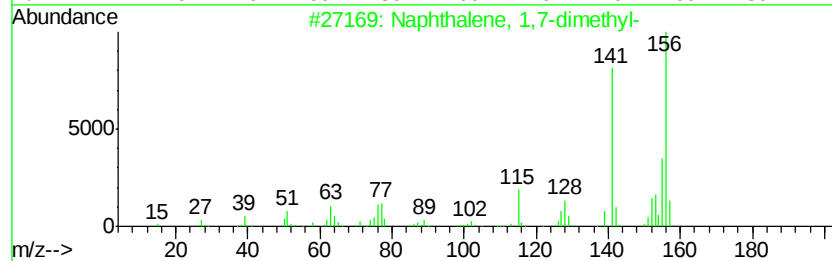
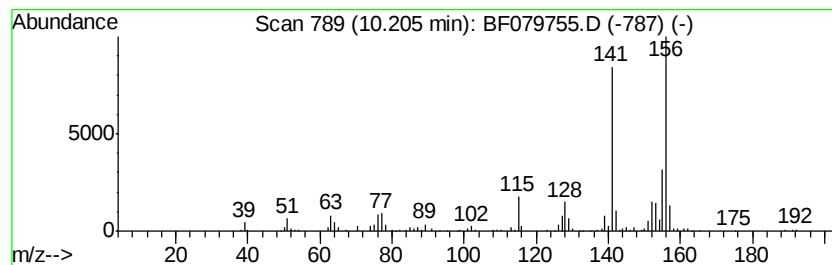
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	6.39 ng	217850	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079755.D
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Operator : TP/IZ
Sample : G2450-14 5X
Misc :
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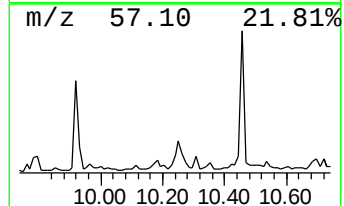
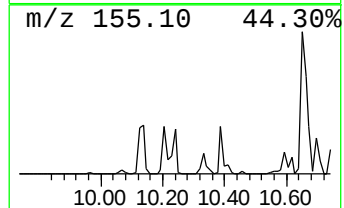
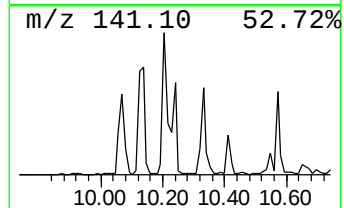
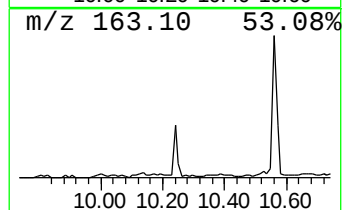
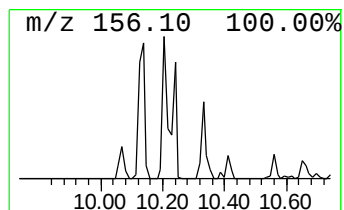
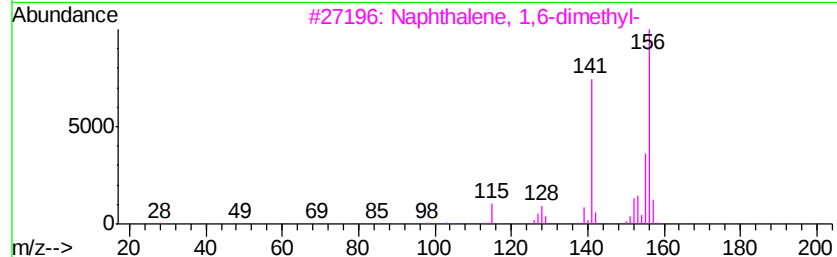
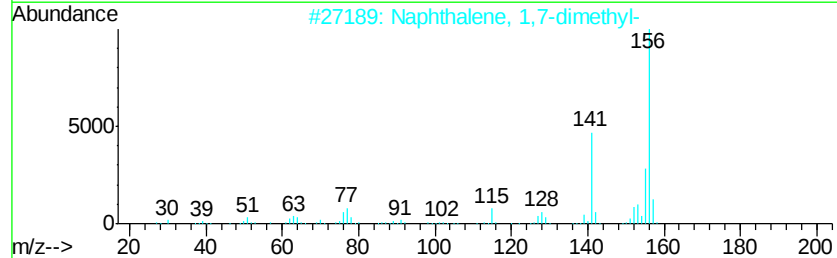
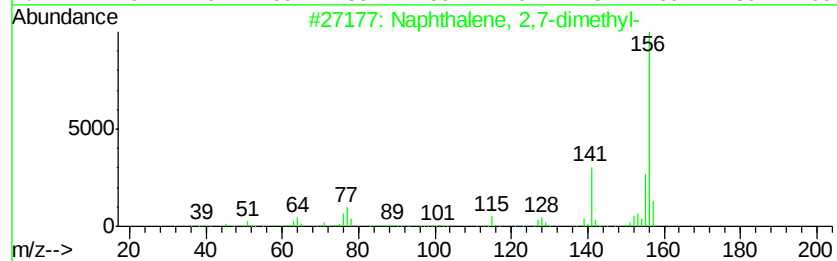
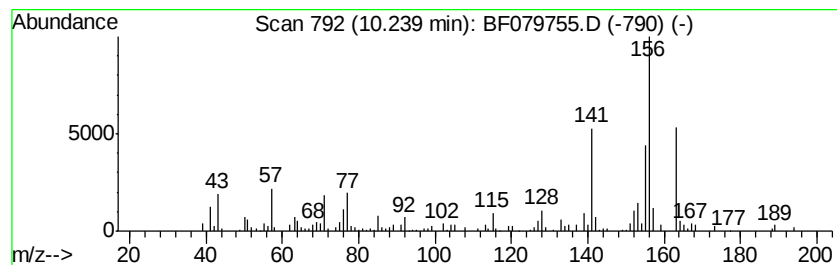
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.24	9.29 ng	316727	Acenaphthene-d10	10.56	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	91
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
5	Benzene, 2,5-cyclohexadien-1-yl-	156	C12H12	004794-05-2	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

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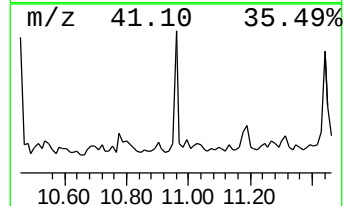
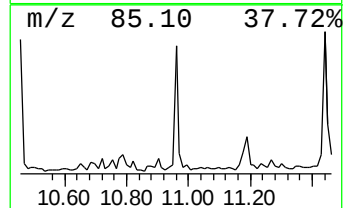
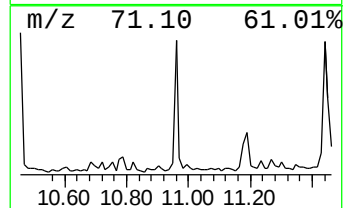
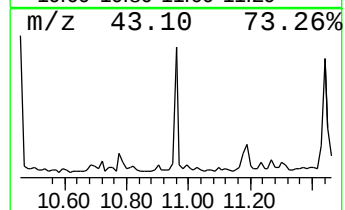
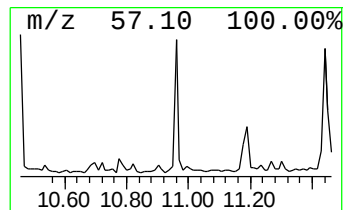
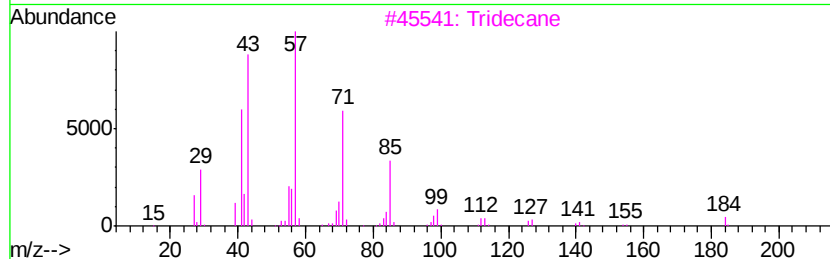
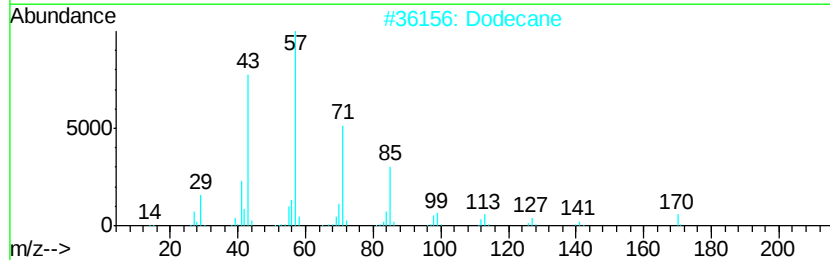
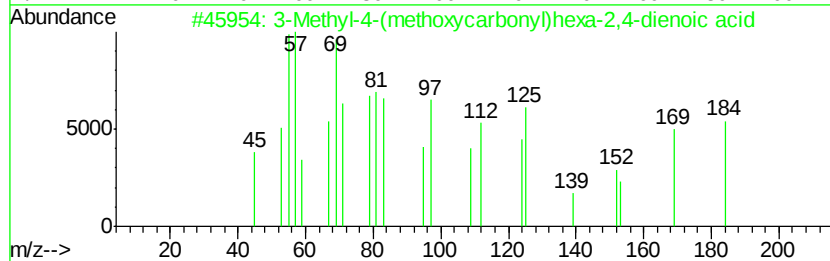
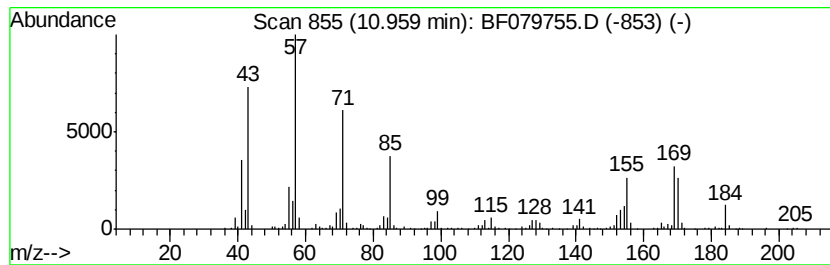
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 3-Methyl-4-(methoxycarbonyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.96	11.13 ng	379361	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	78
2		Dodecane	170	C12H26	000112-40-3	49
3		Tridecane	184	C13H28	000629-50-5	46
4		Eicosane	282	C20H42	000112-95-8	42
5		Hexadecane	226	C16H34	000544-76-3	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
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Misc :
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Instrument :
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ClientSampleId :
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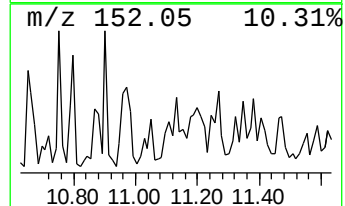
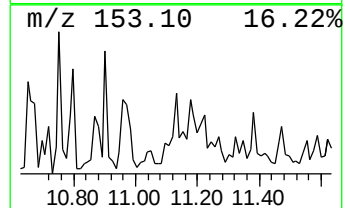
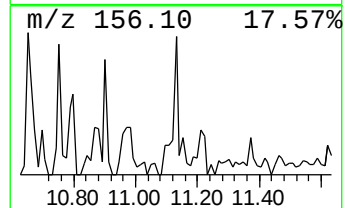
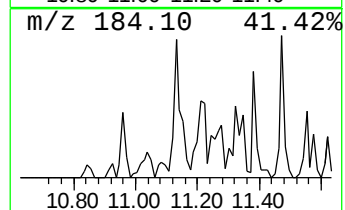
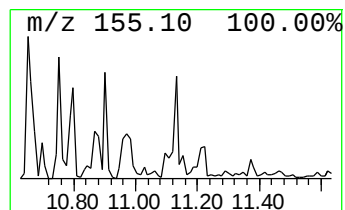
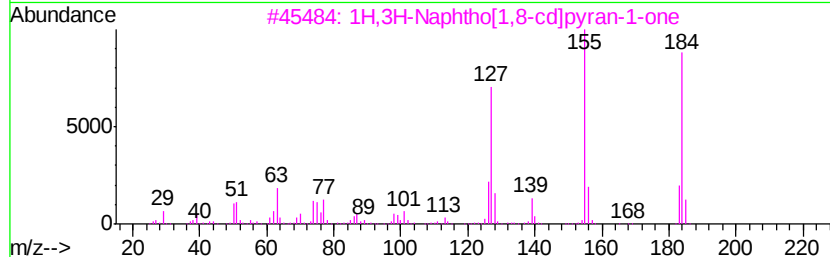
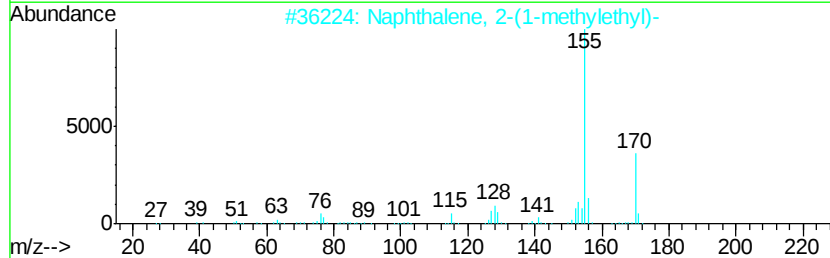
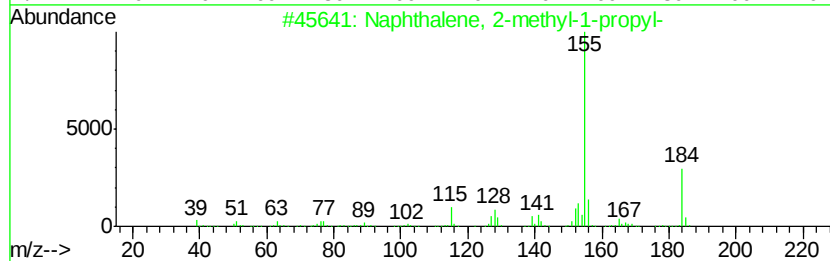
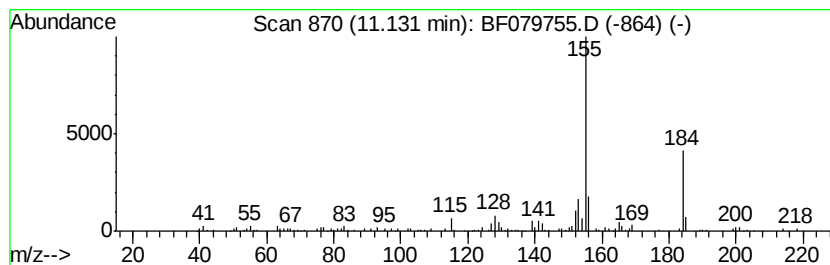
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2-methyl-1-pro... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	7.48 ng	254889	Acenaphthene-d10	10.56

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-1-propyl-	184	C14H16	054774-89-9	93
2		Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	50
3		1H,3H-Naphtho[1,8-cd]pyran-1-one	184	C12H8O2	000518-86-5	37
4		Pyridine, 3-phenyl-	155	C11H9N	001008-88-4	32
5		Naphthalene, 1-(chloromethyl)-2-...	190	C12H11Cl	006626-23-9	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
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Instrument :
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ClientSampleId :
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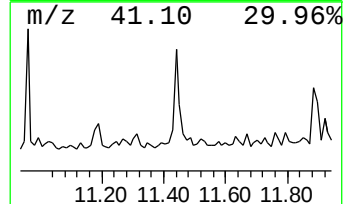
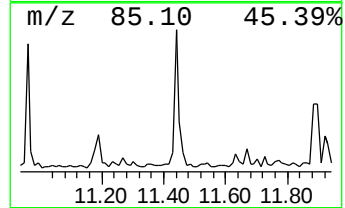
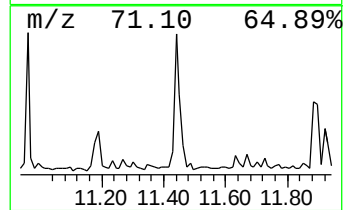
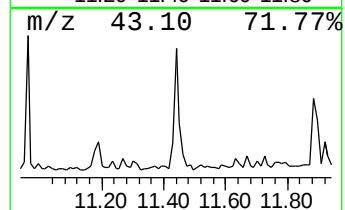
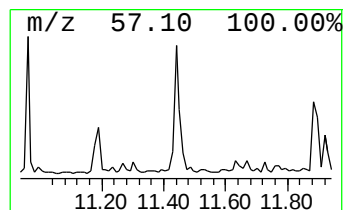
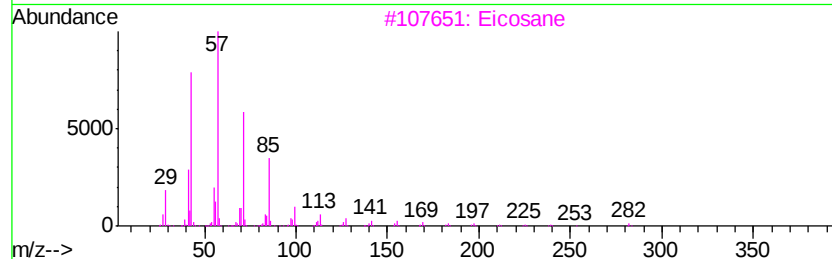
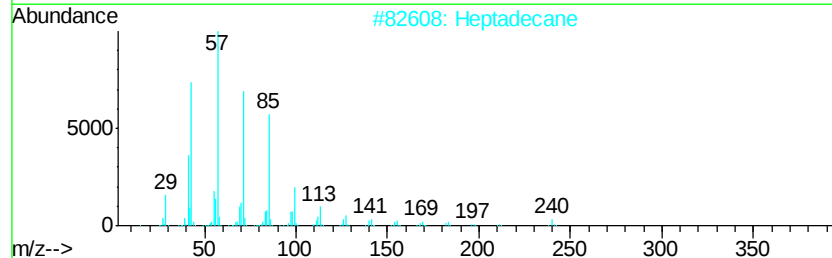
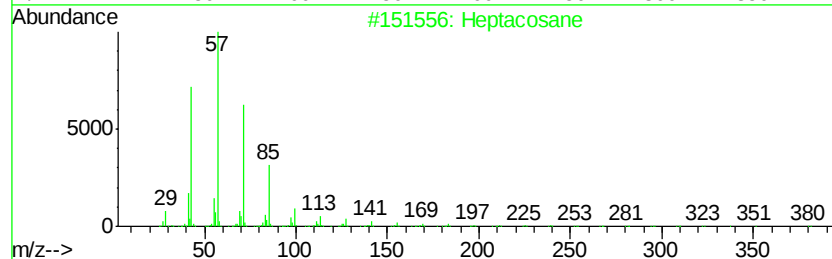
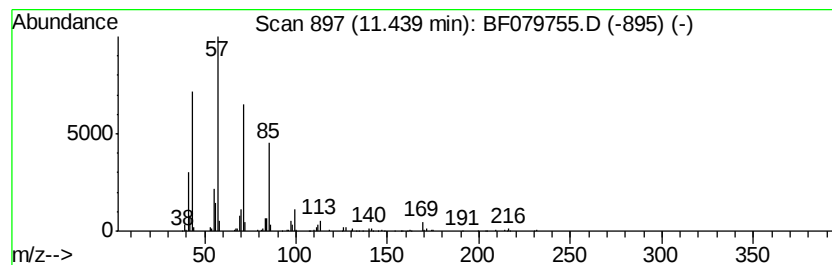
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	6.89 ng	213580	Phenanthrene-d10	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heptacosane	380	C27H56	000593-49-7	90
2			Heptadecane	240	C17H36	000629-78-7	90
3			Eicosane	282	C20H42	000112-95-8	86
4			Pentadecane	212	C15H32	000629-62-9	86
5			Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
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ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT440NB6.1(8)

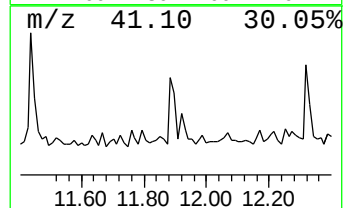
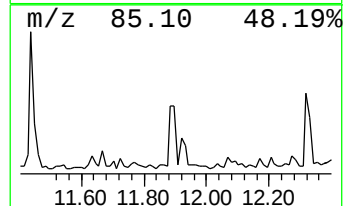
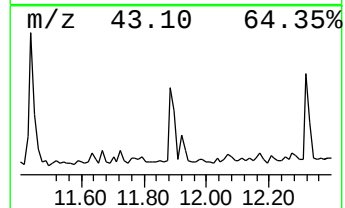
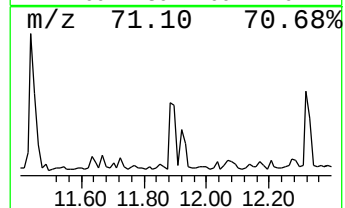
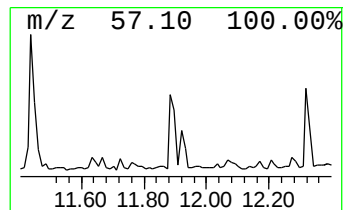
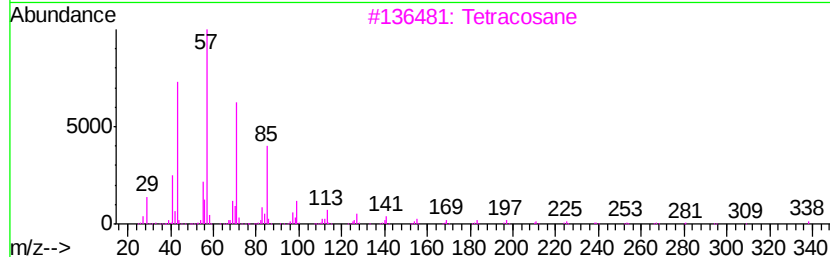
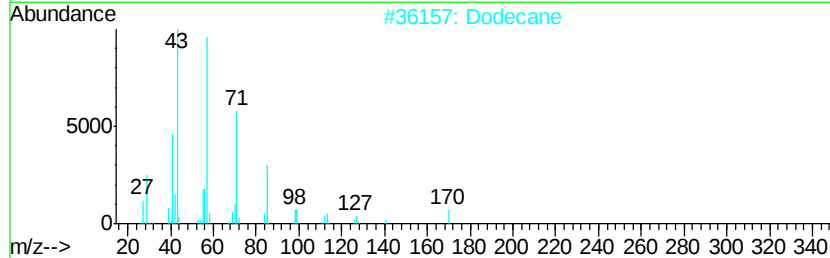
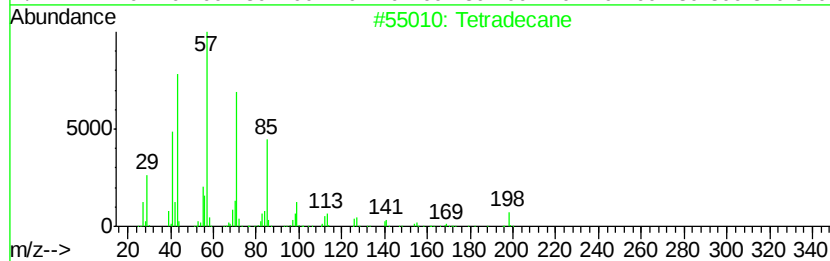
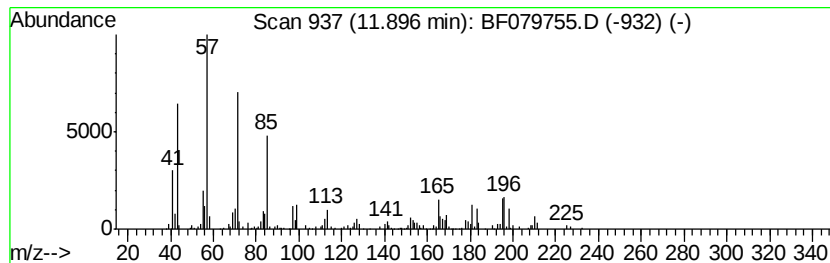
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	9.12 ng	282971	Phenanthrene-d10	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetradecane	198	C14H30	000629-59-4	89
2			Dodecane	170	C12H26	000112-40-3	55
3			Tetracosane	338	C24H50	000646-31-1	53
4			Hexadecane	226	C16H34	000544-76-3	53
5			Octadecane	254	C18H38	000593-45-3	49



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
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Operator : TP/IZ
Sample : G2450-14 5X
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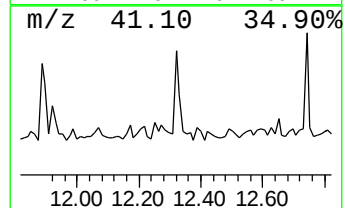
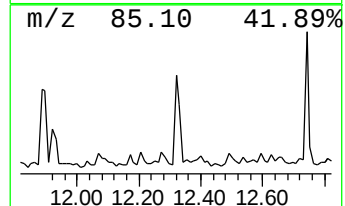
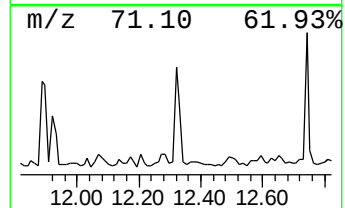
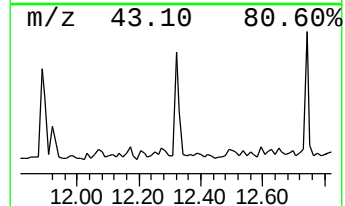
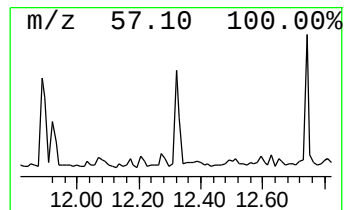
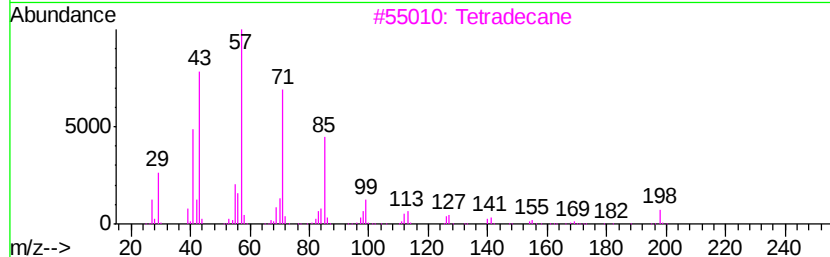
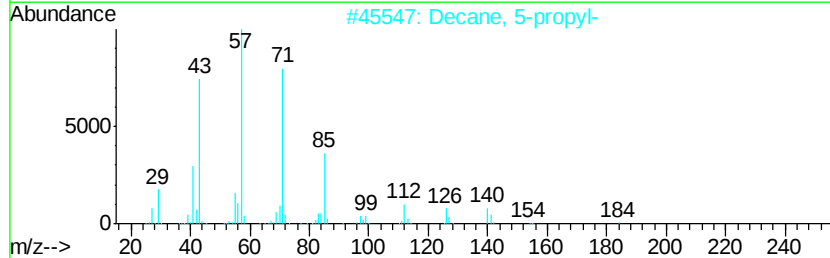
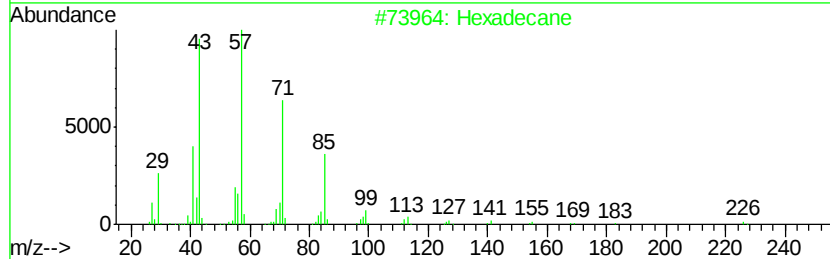
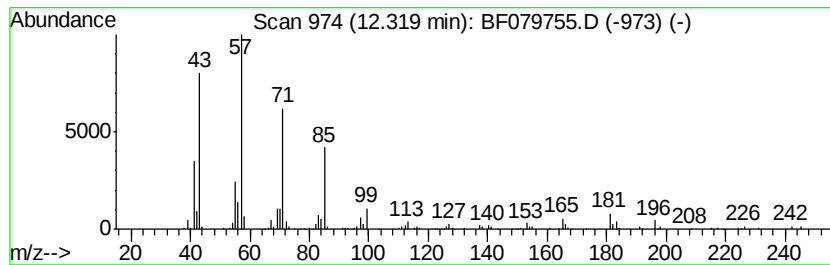
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ClientSampleId :
RT440NB6.1(8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Hexadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.32	6.85 ng	212442	Phenanthrene-d10	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Decane, 5-propyl-	184	C13H28	017312-62-8	76
3	Tetradecane	198	C14H30	000629-59-4	74
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	72
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT440NB6.1(8)

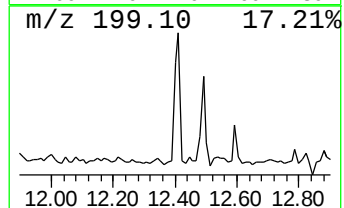
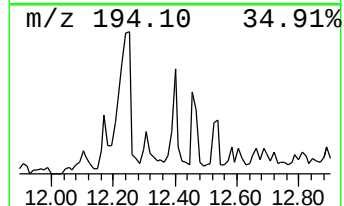
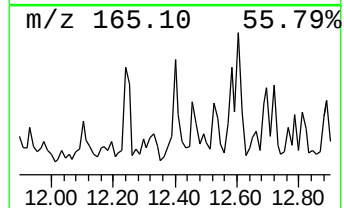
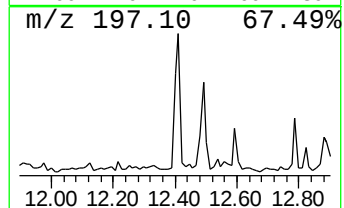
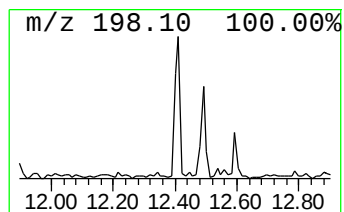
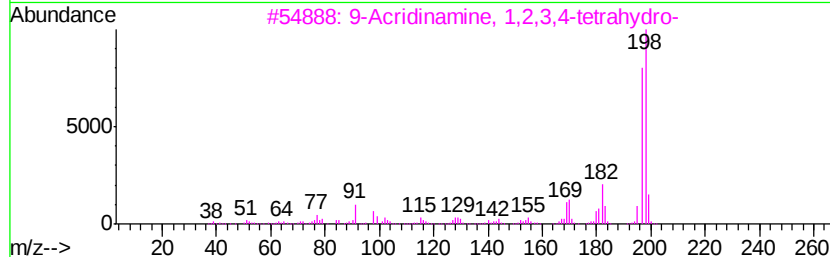
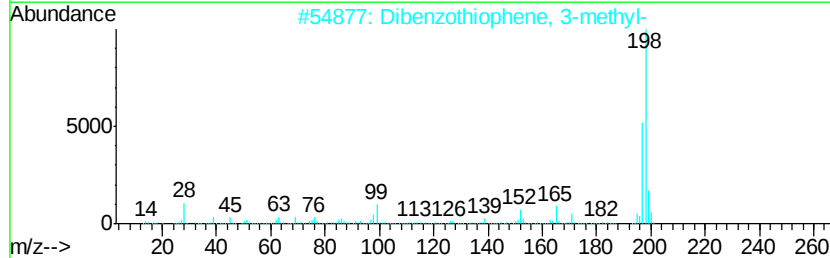
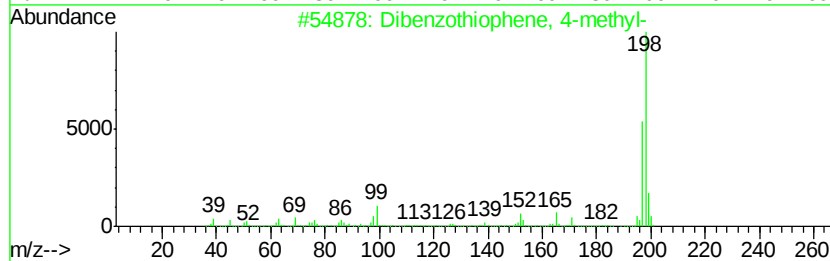
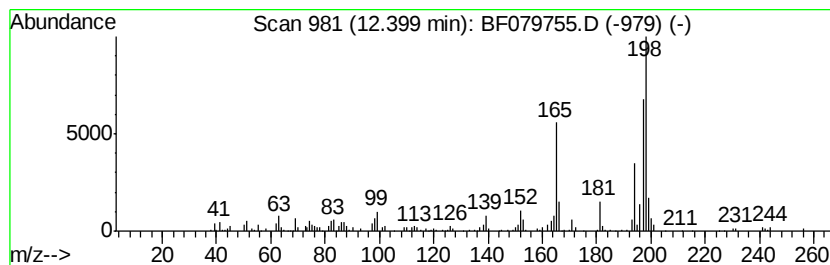
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dibenzothiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	6.04 ng	187280	Phenanthrene-d10	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
2			Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
3			9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	47
4			Thioxanthene	198	C13H10S	000261-31-4	46
5			3,3'-Diaminodiphenylmethane	198	C13H14N2	019471-12-6	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

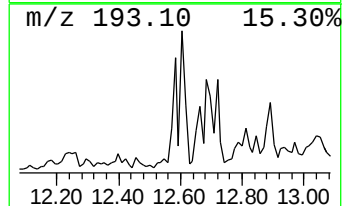
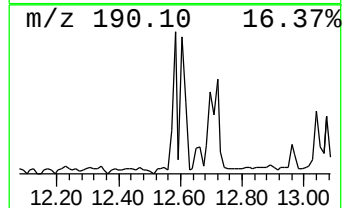
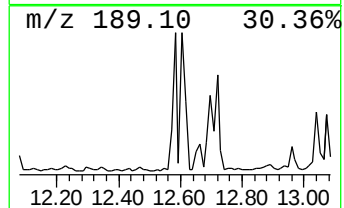
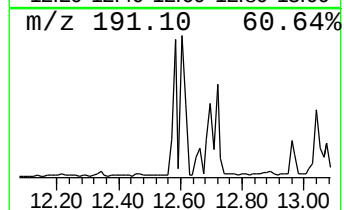
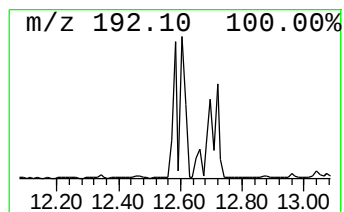
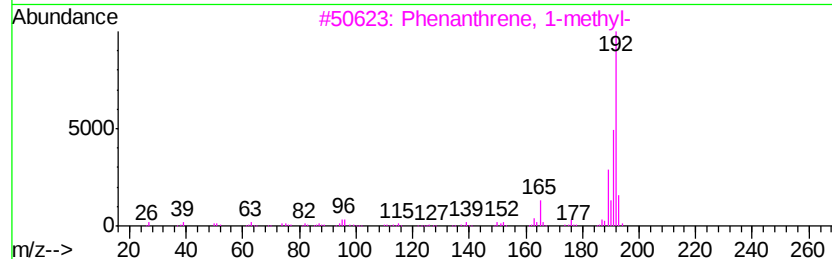
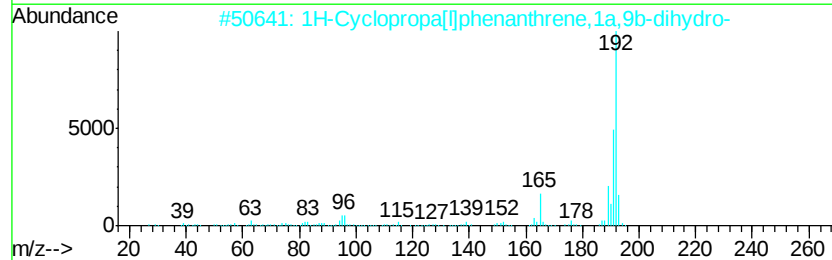
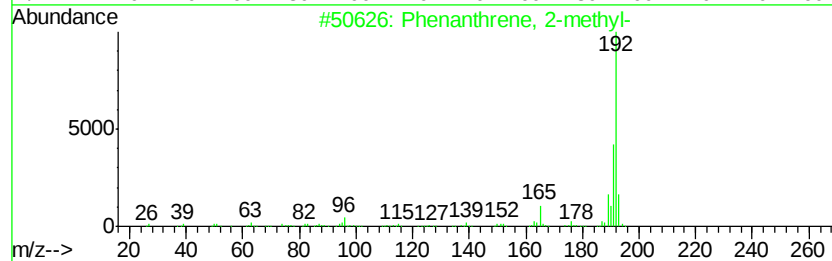
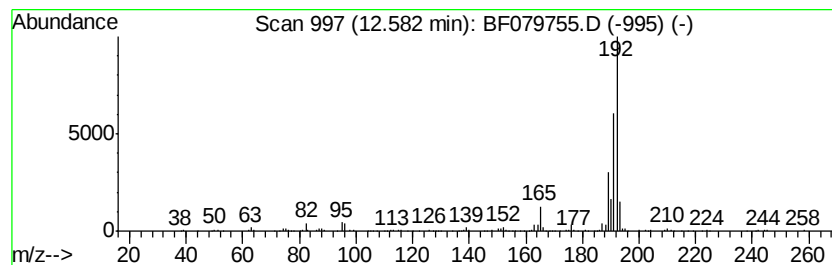
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ClientSampleId :
RT440NB6.1(8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Phenanthrene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.58	9.22 ng	286044	Phenanthrene-d10	12.07	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT440NB6.1(8)

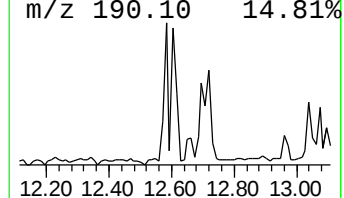
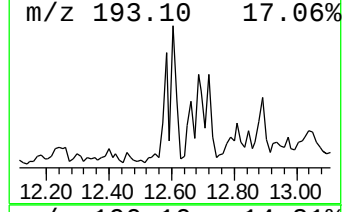
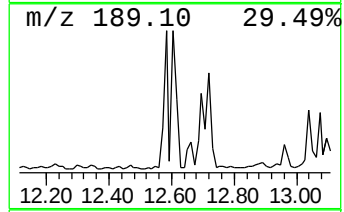
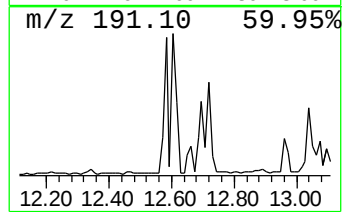
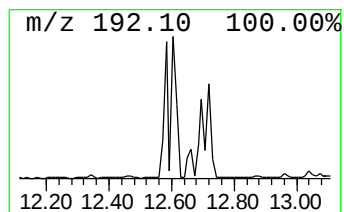
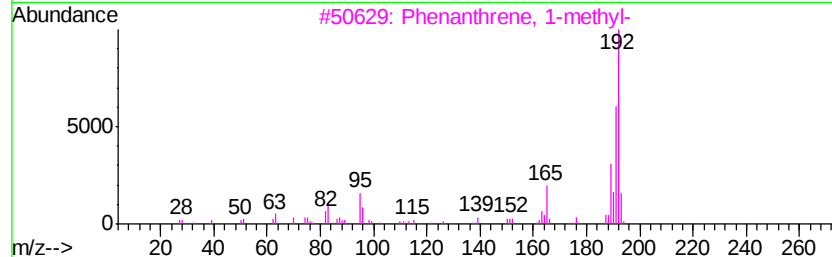
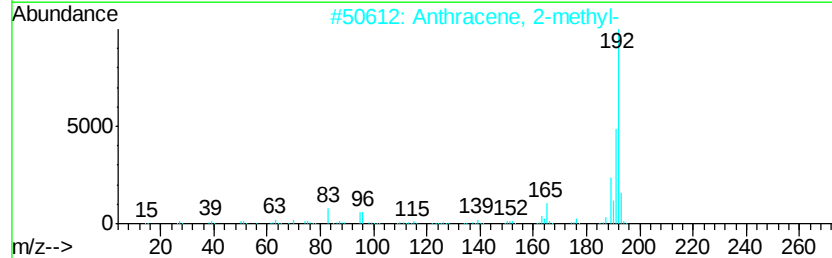
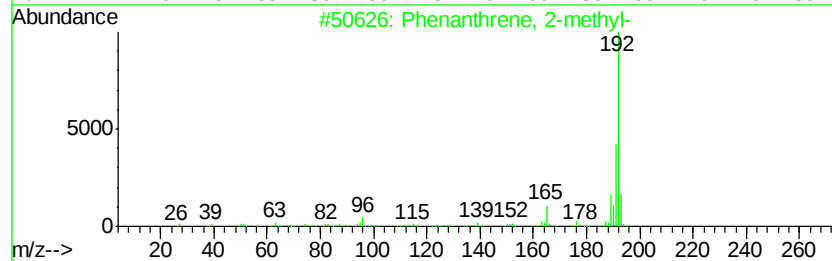
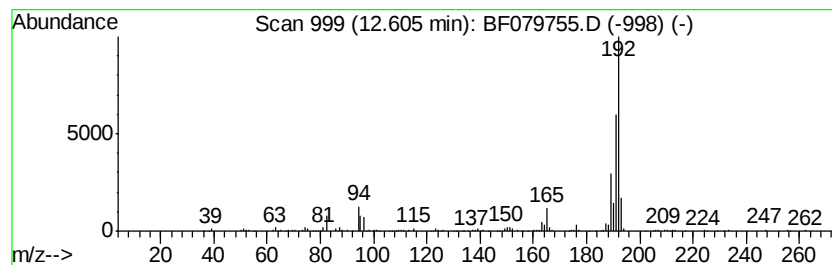
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.61	10.20 ng	316426	Phenanthrene-d10	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	93
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

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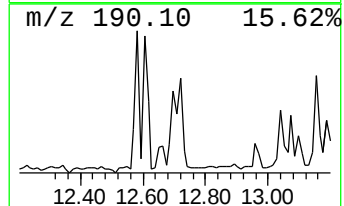
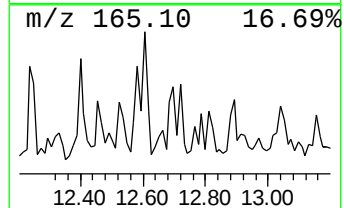
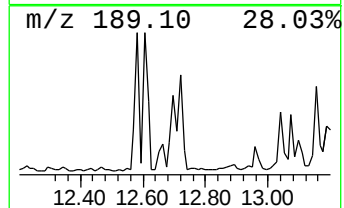
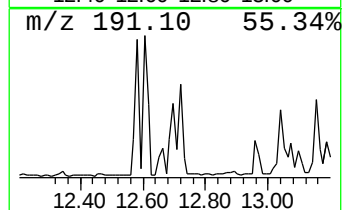
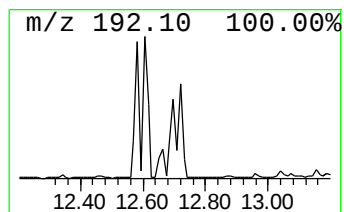
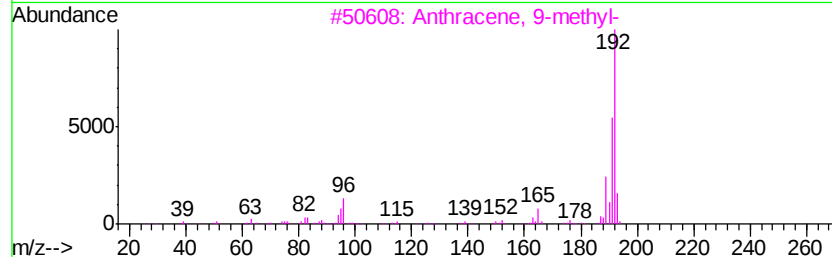
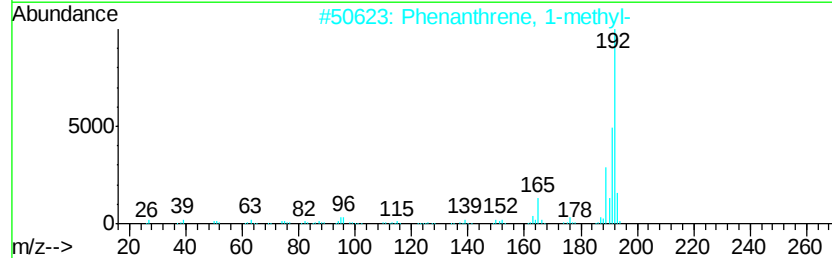
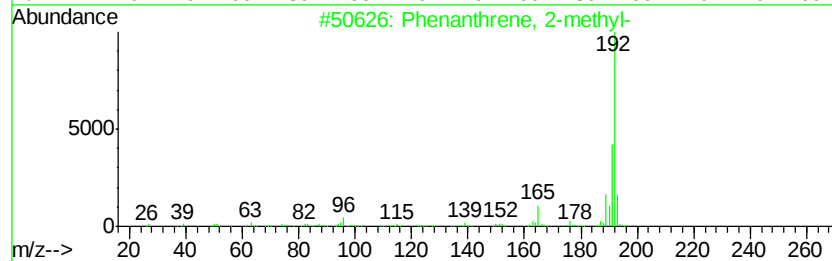
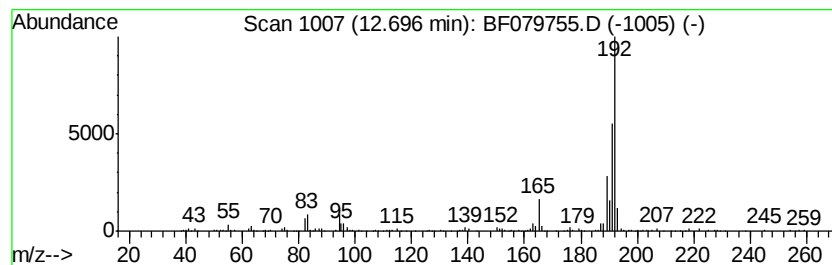
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.70	6.79 ng	210436	Phenanthrene-d10	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			1H-Indene, 3-phenyl-	192	C15H12	001961-97-3	83
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RT440NB6.1(8)

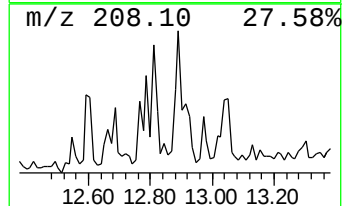
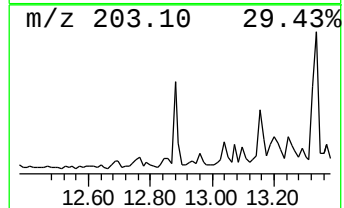
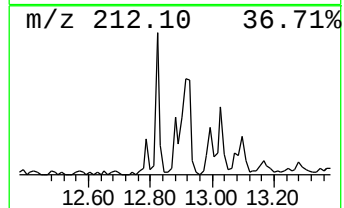
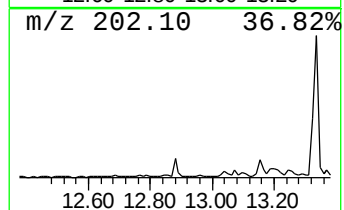
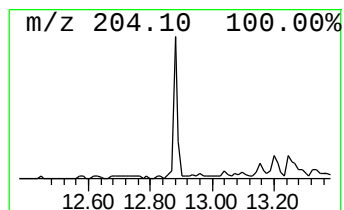
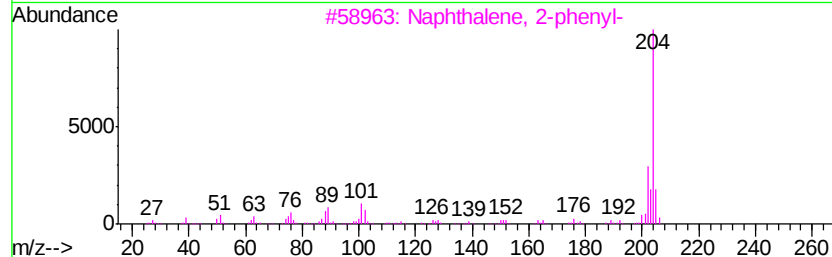
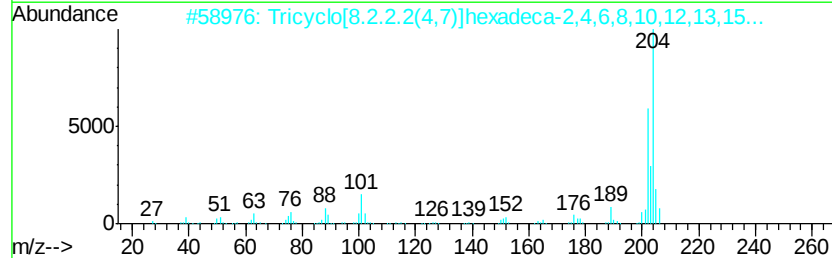
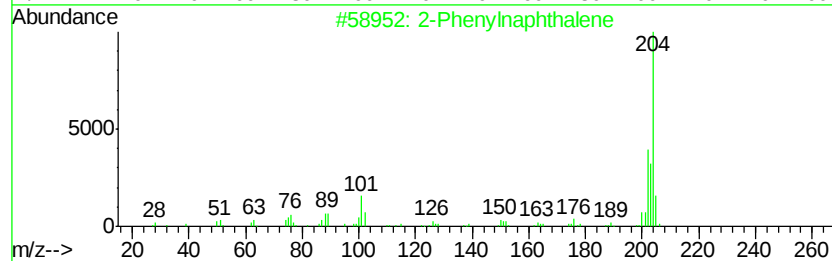
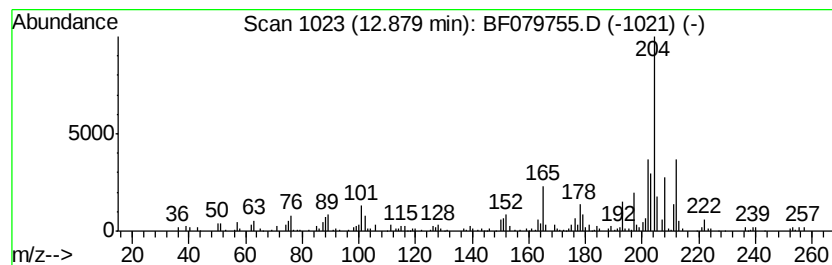
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 2-Phenylnaphthalene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.88	6.05 ng	187751	Phenanthrene-d10	12.07

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	89
2			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	46
4			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	41
5			Propanedinitrile, 2,2'-(2,5-cycl...	204	C12H4N4	001518-16-7	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060515\
Data File : BF079755.D
Acq On : 6 Jun 2015 5:00
Operator : TP/IZ
Sample : G2450-14 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RT440NB6.1(8)

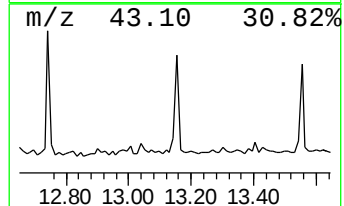
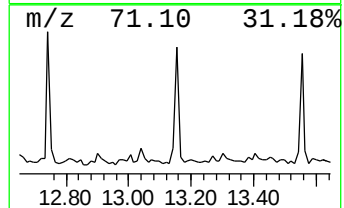
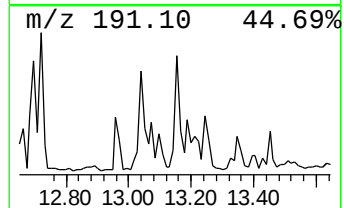
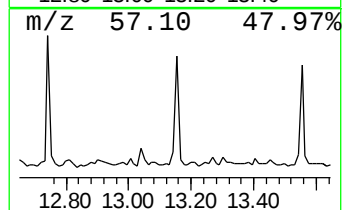
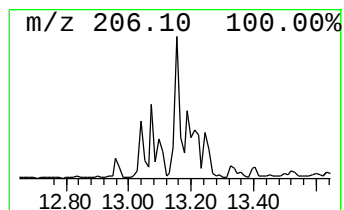
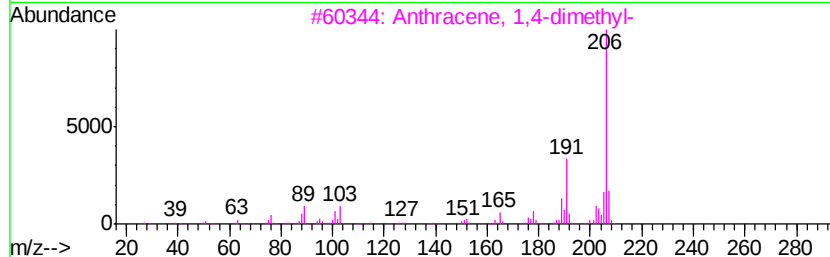
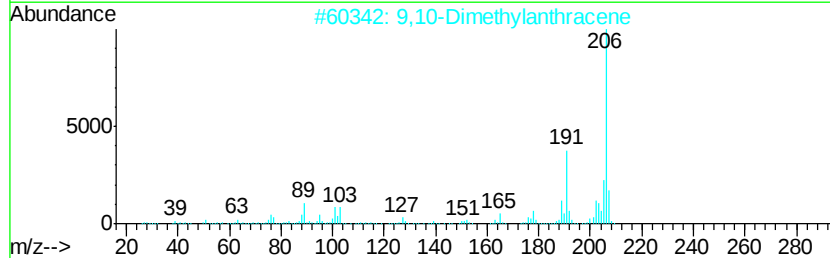
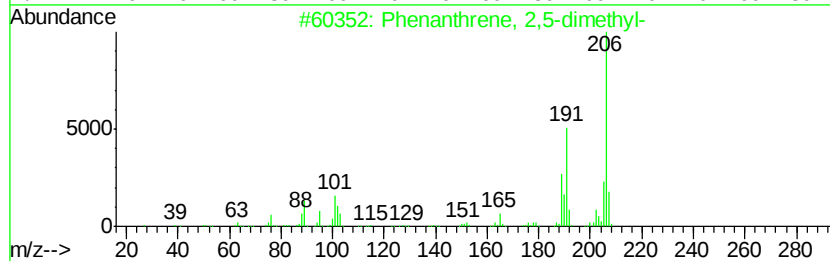
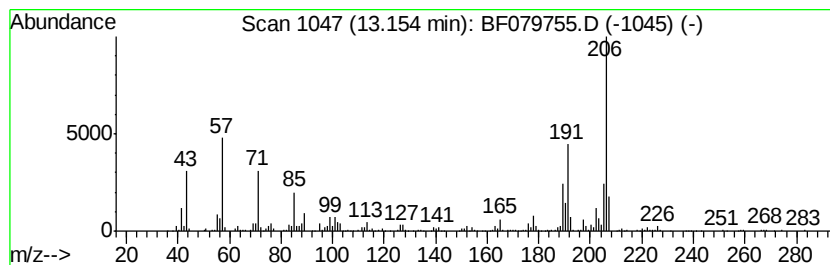
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	12.17 ng	377468	Phenanthrene-d10	12.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	90
3		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060515\
 Data File : BF079755.D
 Acq On : 6 Jun 2015 5:00
 Operator : TP/IZ
 Sample : G2450-14 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RT440NB6.1(8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060515.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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Hexane	1.71	224.3	ng	3352430	1	7.48	298973	20.0
Cyclopentane, met...	2.08	12.3	ng	184451	1	7.48	298973	20.0
unknown7.26	7.26	16.6	ng	248238	1	7.48	298973	20.0
Naphthalene, 1,7-...	10.14	7.8	ng	267298	3	10.56	681826	20.0
Naphthalene, 1,6-...	10.20	6.4	ng	217850	3	10.56	681826	20.0
Naphthalene, 2,7-...	10.24	9.3	ng	316727	3	10.56	681826	20.0
3-Methyl-4-(metho...	10.96	11.1	ng	379361	3	10.56	681826	20.0
Naphthalene, 2-me...	11.13	7.5	ng	254889	3	10.56	681826	20.0
Heptacosane	11.44	6.9	ng	213580	4	12.07	620215	20.0
Tetradecane	11.90	9.1	ng	282971	4	12.07	620215	20.0
Hexadecane	12.32	6.8	ng	212442	4	12.07	620215	20.0
Dibenzothiophene,...	12.40	6.0	ng	187280	4	12.07	620215	20.0
Phenanthrene, 2-m...	12.58	9.2	ng	286044	4	12.07	620215	20.0
Anthracene, 2-met...	12.61	10.2	ng	316426	4	12.07	620215	20.0
Phenanthrene, 1-m...	12.70	6.8	ng	210436	4	12.07	620215	20.0
2-Phenylnaphthalene	12.88	6.0	ng	187751	4	12.07	620215	20.0
Phenanthrene, 2,5...	13.15	12.2	ng	377468	4	12.07	620215	20.0