

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079973.D
 Acq On : 13 Jun 2015 12:05
 Operator : TP/IZ
 Sample : G2609-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D1(CRUSHED-STONE)

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-BF061115.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	1.335	11	13	28	rVB3	216735	808428	20.11%	3.888%
2	2.238	89	92	95	rVB	3270867	4020370	100.00%	19.335%
3	2.330	98	100	107	rBV	663857	1222601	30.41%	5.880%
4	2.673	127	130	135	rVB	125190	196425	4.89%	0.945%
5	5.987	418	420	423	rBV	1229979	1053837	26.21%	5.068%
6	6.982	504	507	509	rBV	886783	1099745	27.35%	5.289%
7	7.142	519	521	523	rBV	1439115	1168250	29.06%	5.619%
8	7.382	540	542	544	rVB	231306	273753	6.81%	1.317%
9	7.530	553	555	558	rVB	640840	834263	20.75%	4.012%
10	7.930	588	590	592	rBV	819477	651293	16.20%	3.132%
11	8.673	652	655	657	rVB	301278	388142	9.65%	1.867%
12	9.073	689	690	692	rVB	206498	142263	3.54%	0.684%
13	9.679	741	743	744	rVB	210299	153641	3.82%	0.739%
14	9.748	747	749	751	rVB	1058464	1288635	32.05%	6.198%
15	9.816	753	755	760	rBV2	128790	281401	7.00%	1.353%
16	10.090	775	779	780	rBV2	96186	147058	3.66%	0.707%
17	10.136	780	783	787	rVB3	345998	538566	13.40%	2.590%
18	10.342	799	801	804	rBV	178942	218858	5.44%	1.053%
19	10.445	807	810	812	rVB	415834	451577	11.23%	2.172%
20	10.673	828	830	836	rVB4	108603	183885	4.57%	0.884%
21	10.845	843	845	847	rBV	155647	165303	4.11%	0.795%
22	10.982	854	857	863	rBV7	48324	152861	3.80%	0.735%
23	11.073	863	865	866	rBV	259551	262504	6.53%	1.262%
24	11.233	877	879	881	rBV	950714	830339	20.65%	3.993%
25	11.336	886	888	892	rVB	333765	510931	12.71%	2.457%
26	11.805	928	929	934	rVB	155762	230655	5.74%	1.109%
27	11.942	939	941	944	rBV	461167	507706	12.63%	2.442%
28	13.611	1084	1087	1089	rVB	1878323	1711471	42.57%	8.231%
29	14.857	1193	1196	1200	rBV	573717	635327	15.80%	3.056%
30	16.720	1356	1359	1368	rVB	410174	662690	16.48%	3.187%

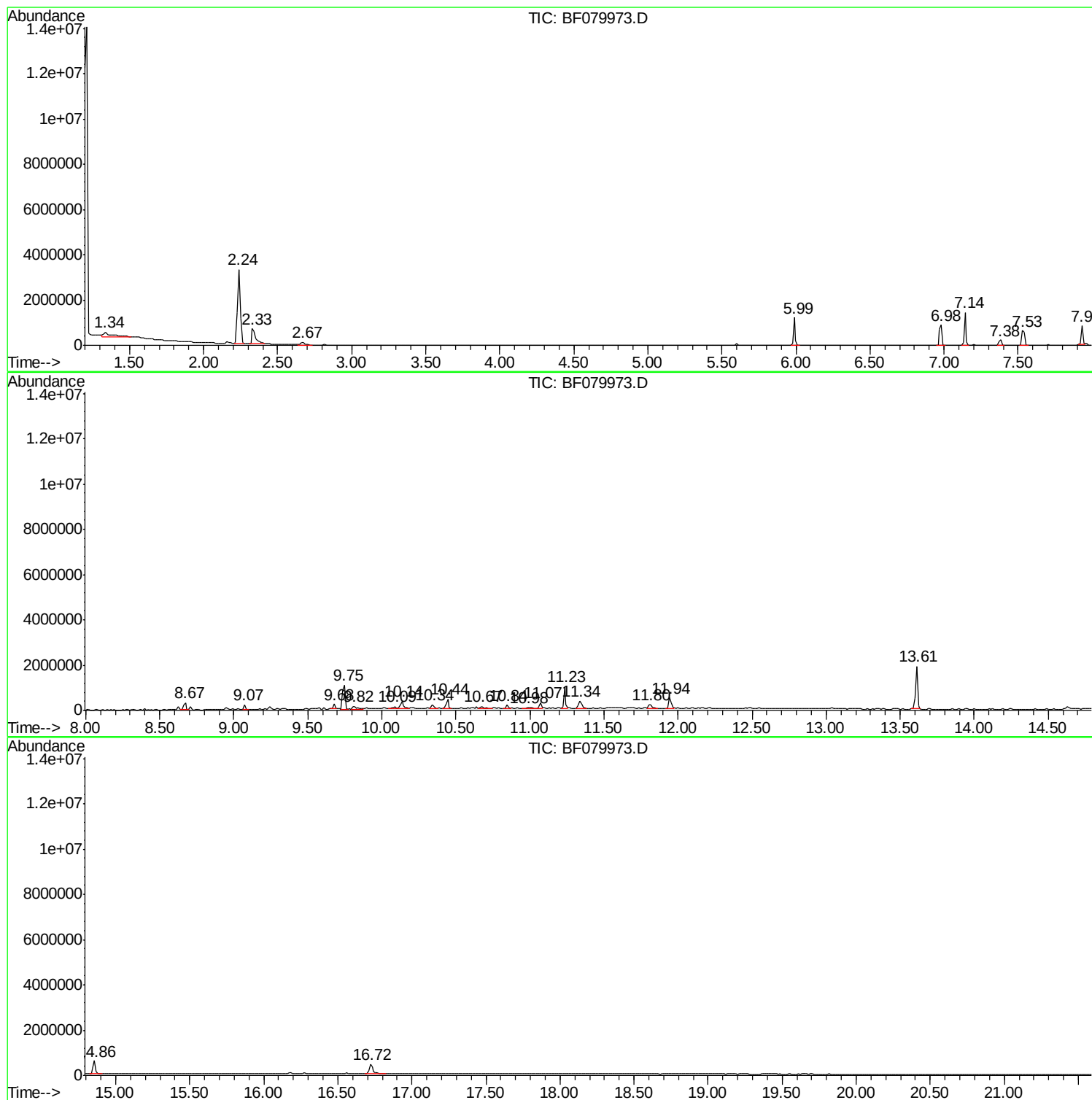
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Instrument :
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ClientSampleId :
D1(CRUSHED-STONE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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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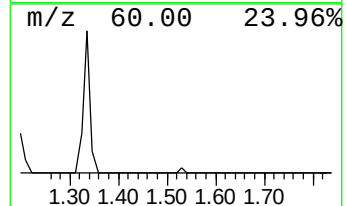
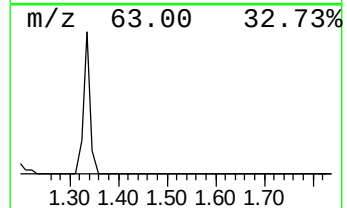
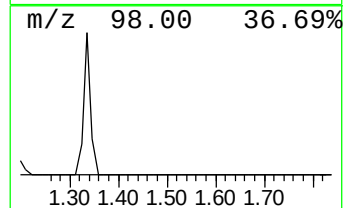
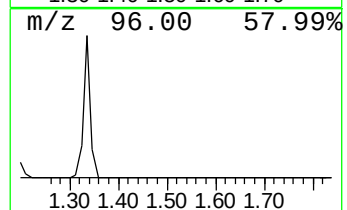
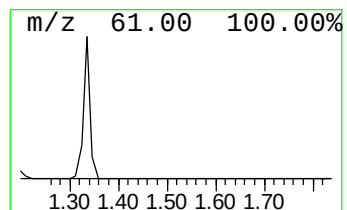
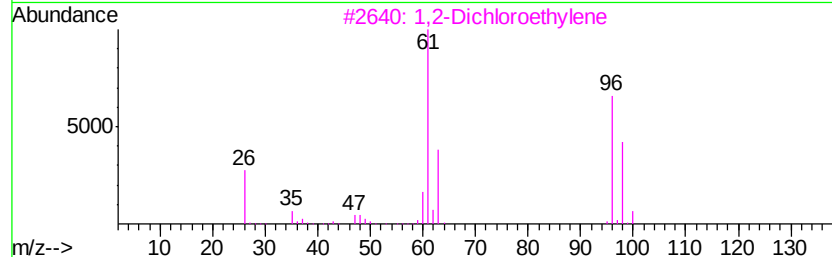
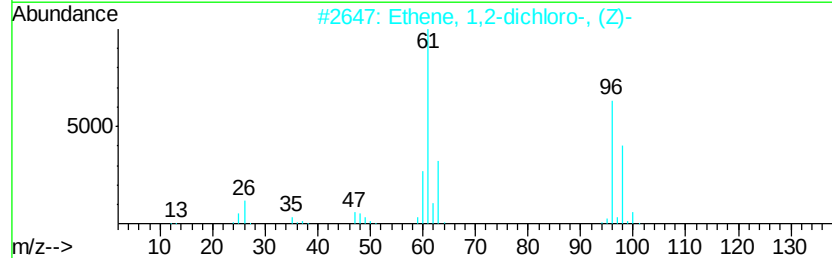
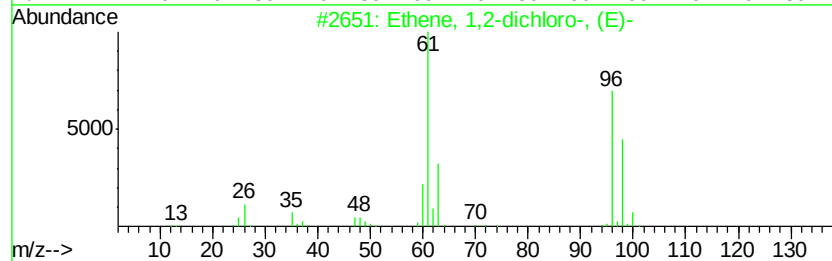
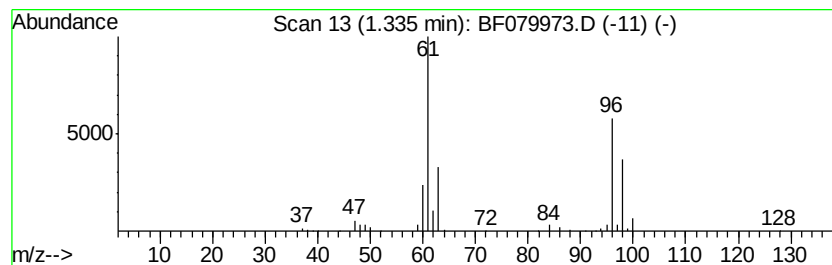
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.34	59.06 ng	808428	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Ethene, 1,2-dichloro-, (E)-	96	C2H2Cl2	000156-60-5	97
2		Ethene, 1,2-dichloro-, (Z)-	96	C2H2Cl2	000156-59-2	96
3		1,2-Dichloroethylene	96	C2H2Cl2	000540-59-0	94
4		Ethene, 1,1-dichloro-	96	C2H2Cl2	000075-35-4	91
5		Chloromethylmethyl sulfide	96	C2H5ClS	002373-51-5	47



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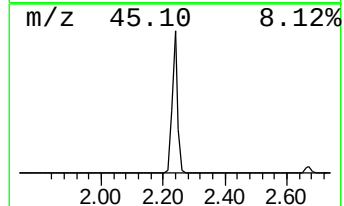
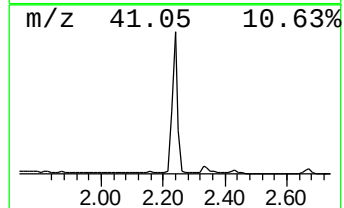
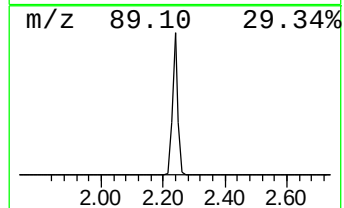
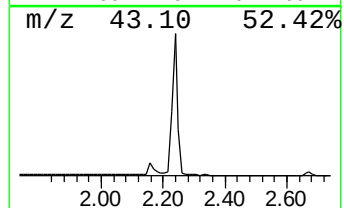
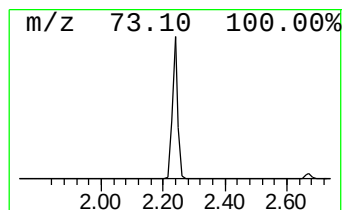
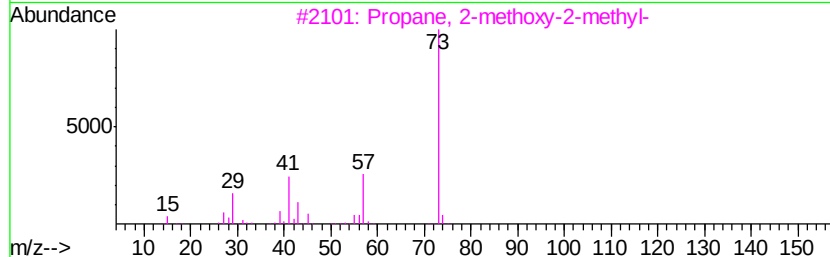
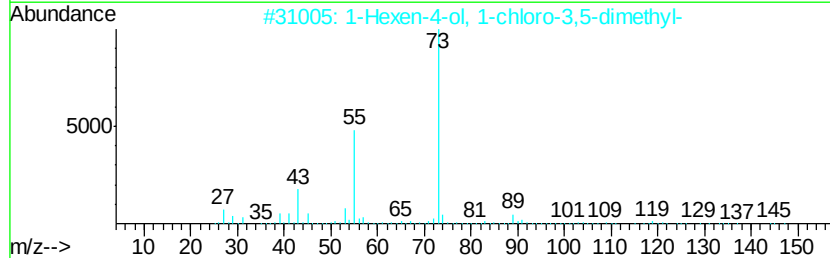
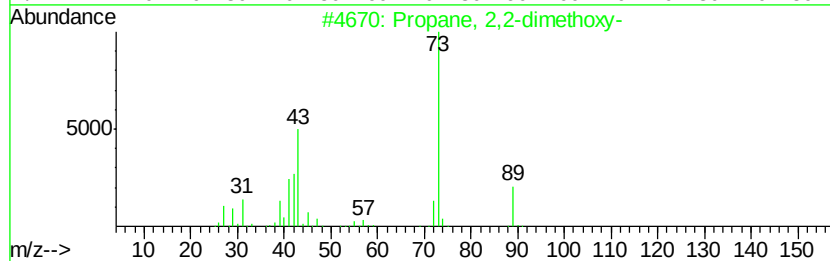
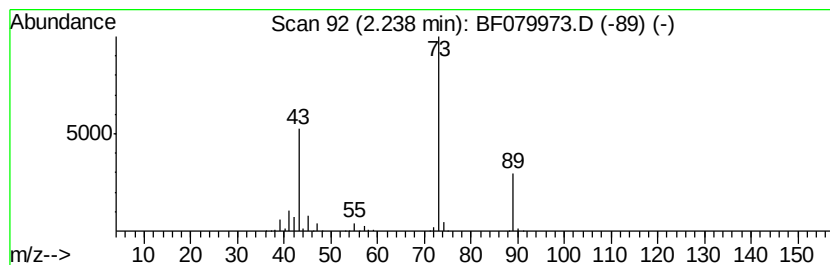
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.24	293.72 ng	4020370	1,4-Dichlorobenzene-d4	7.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2		1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
3		Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
5		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	7



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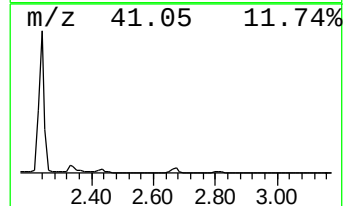
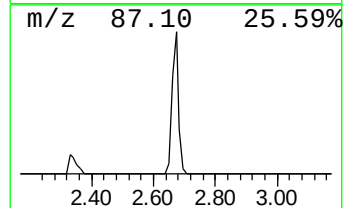
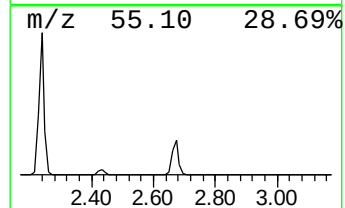
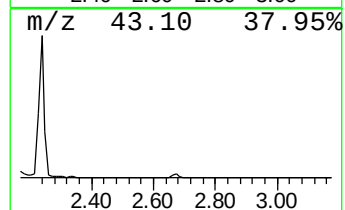
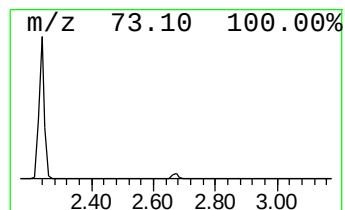
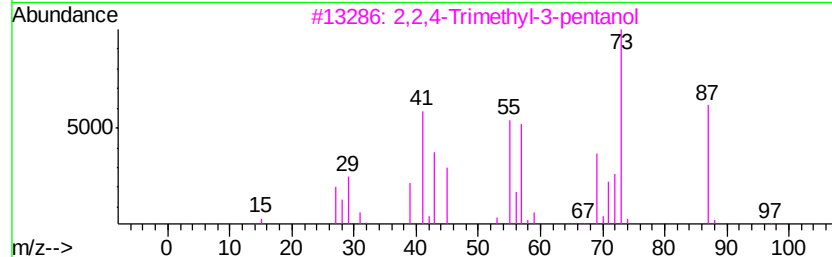
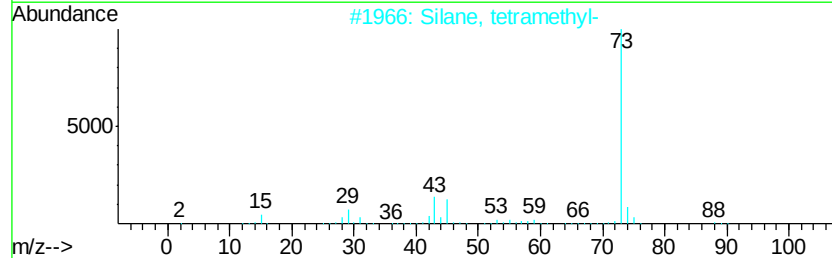
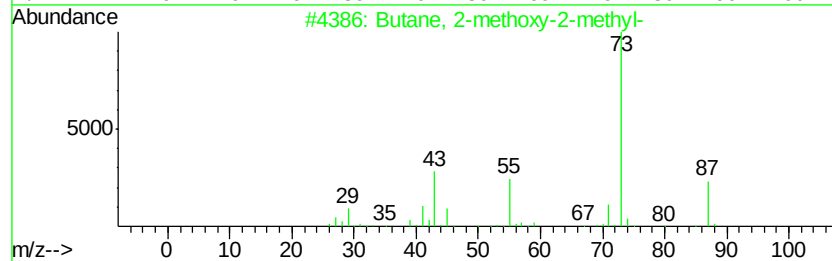
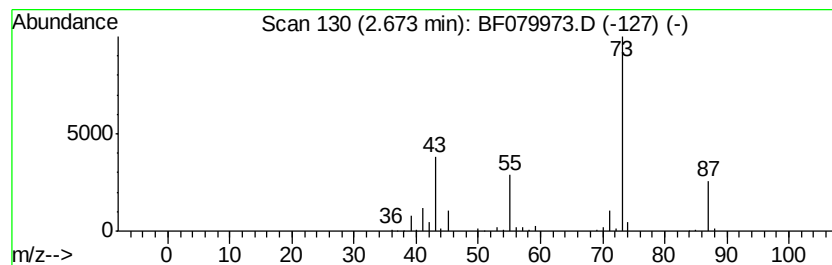
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.67	14.35 ng	196425	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2			Silane, tetramethyl-	88	C4H12Si	000075-76-3	43
3			2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17



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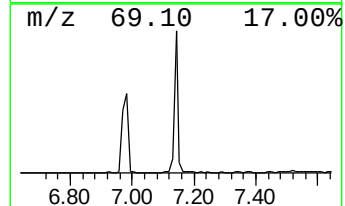
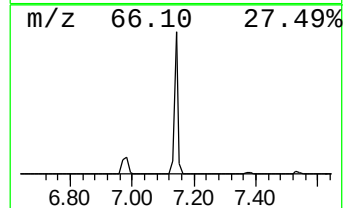
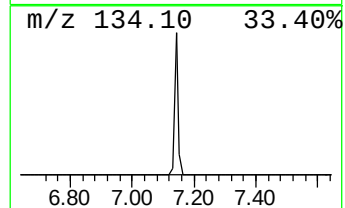
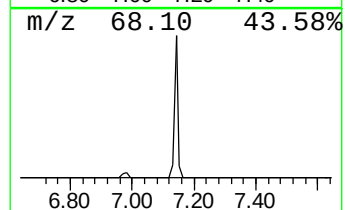
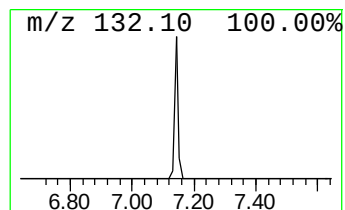
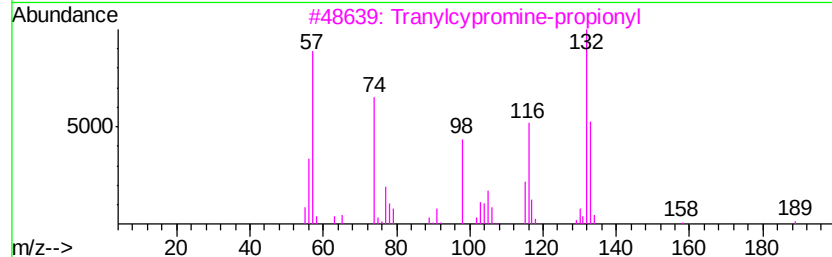
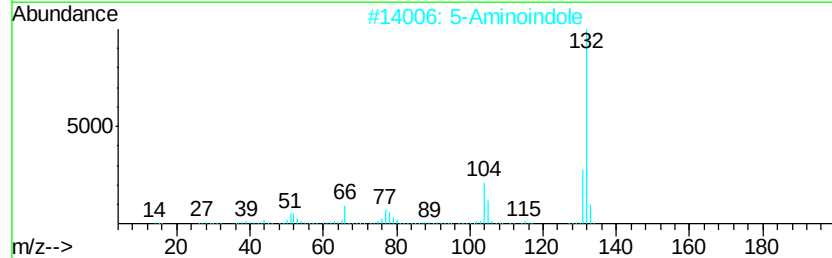
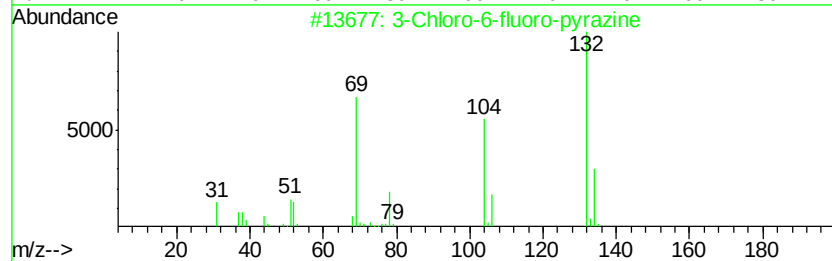
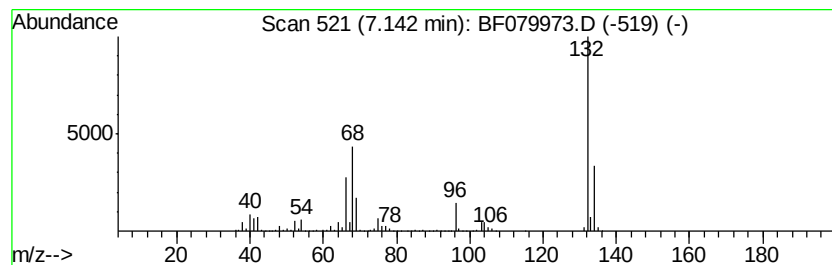
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown7.14 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.14	85.35 ng	1168250	1,4-Dichlorobenzene-d4	7.38

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole			132	C8H8N2	005192-03-0	12
3	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
4	Bicyclo[4.2.0]octa-1,3,5-triene, ...			132	C10H12	028749-81-7	9
5	1,3,4-Thiadiazole-2(3H)-thione, ...			132	C3H4N2S2	029490-19-5	9



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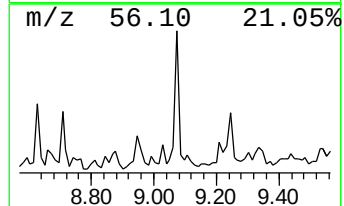
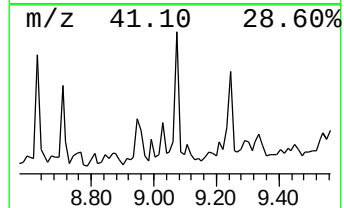
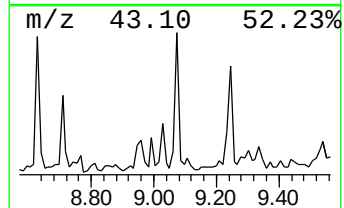
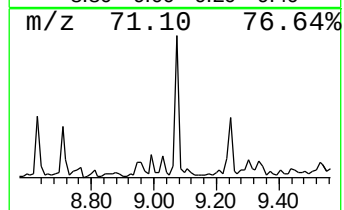
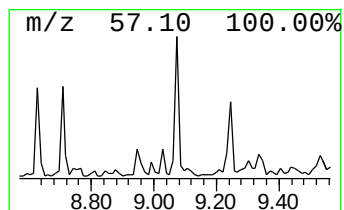
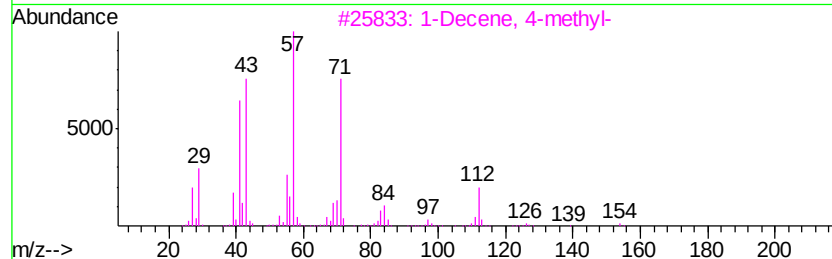
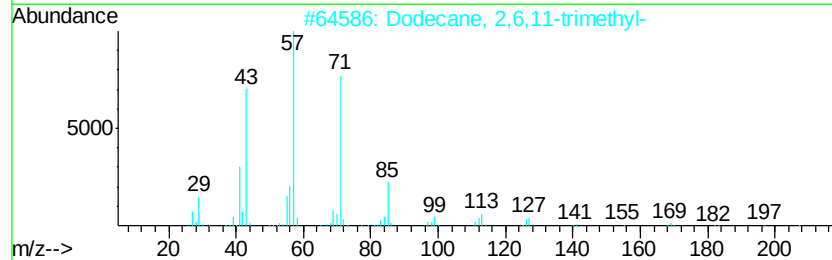
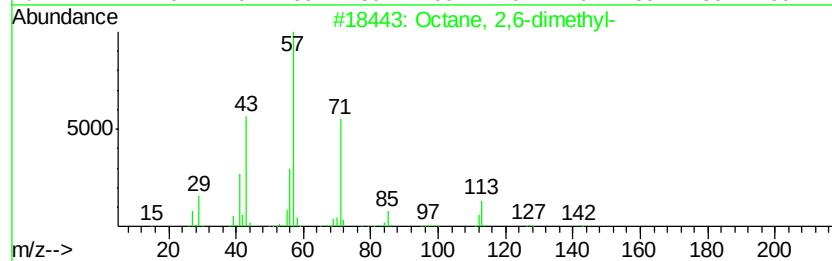
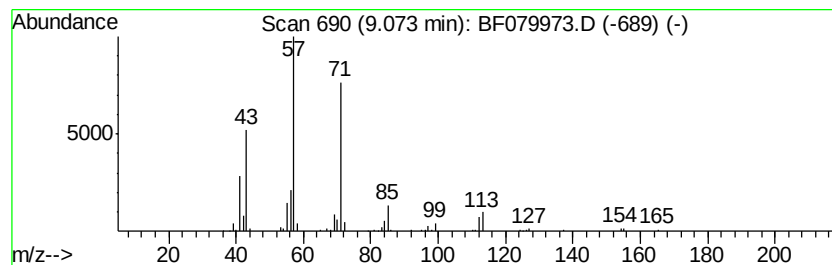
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Octane, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	7.33 ng	142263	Napthalene-d8	8.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	86
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
3		1-Decene, 4-methyl-	154	C11H22	013151-29-6	64
4		Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	59



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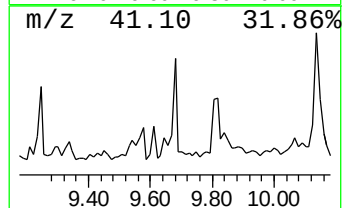
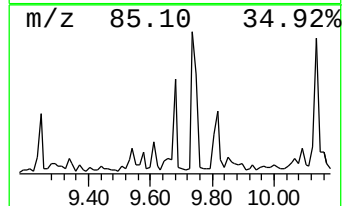
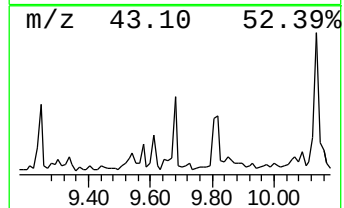
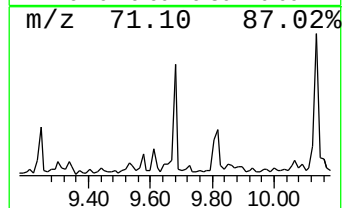
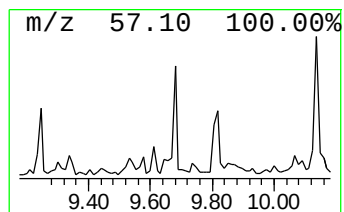
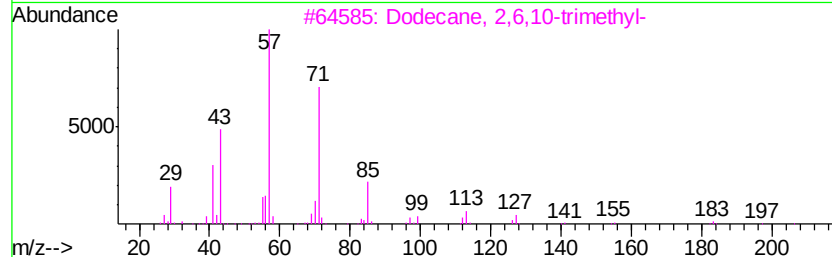
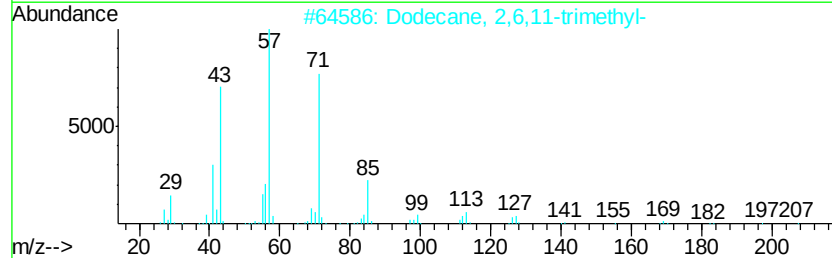
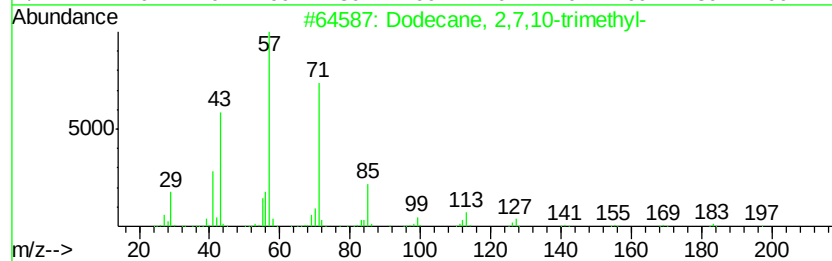
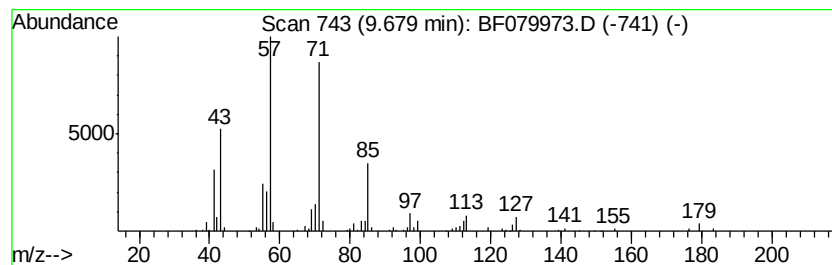
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,7,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	6.80 ng	153641	Acenaphthene-d10	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	90
3		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	64
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079973.D
Acq On : 13 Jun 2015 12:05
Operator : TP/IZ
Sample : G2609-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D1(CRUSHED-STONE)

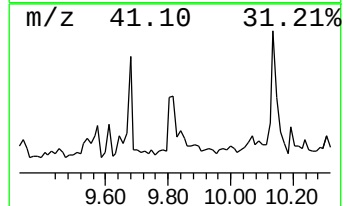
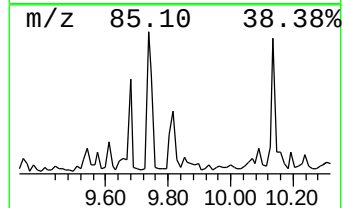
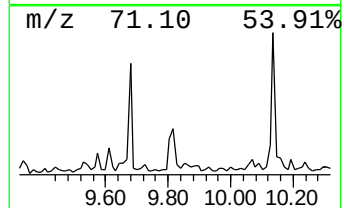
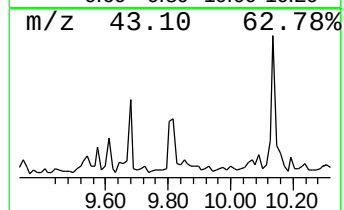
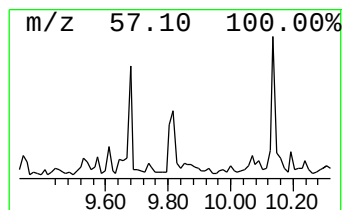
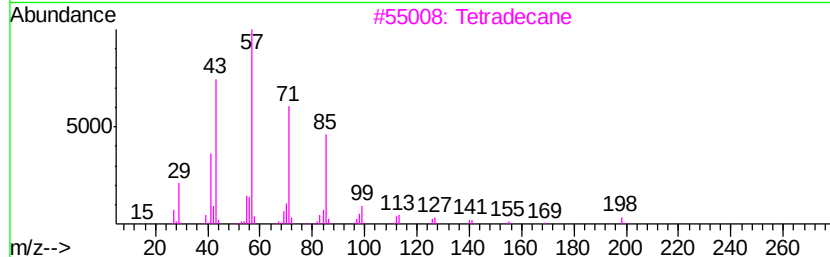
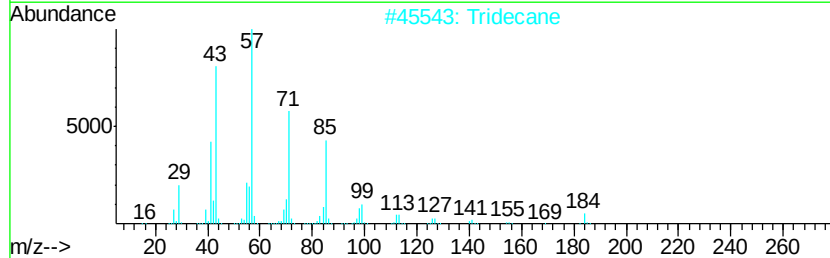
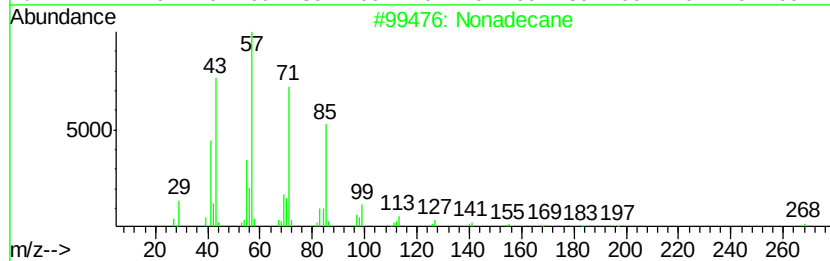
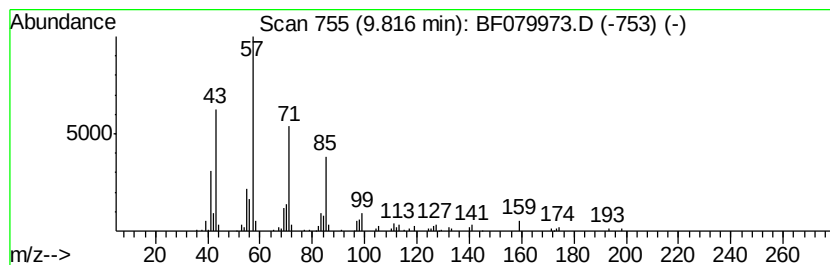
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	12.46 ng	281401	Acenaphthene-d10	10.44

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane		268	C19H40	000629-92-5	87
2	Tridecane		184	C13H28	000629-50-5	86
3	Tetradecane		198	C14H30	000629-59-4	86
4	Dodecane		170	C12H26	000112-40-3	86
5	Eicosane		282	C20H42	000112-95-8	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079973.D
Acq On : 13 Jun 2015 12:05
Operator : TP/IZ
Sample : G2609-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

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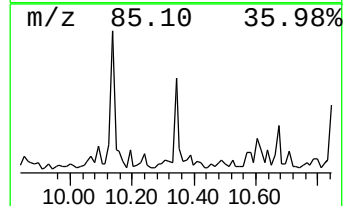
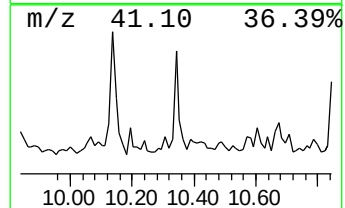
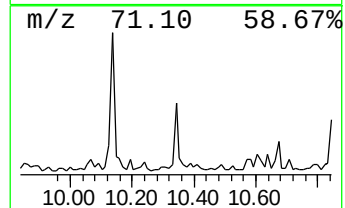
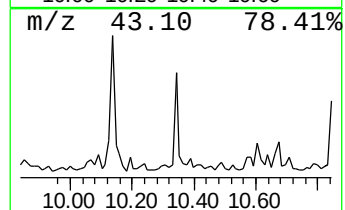
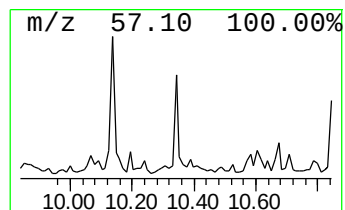
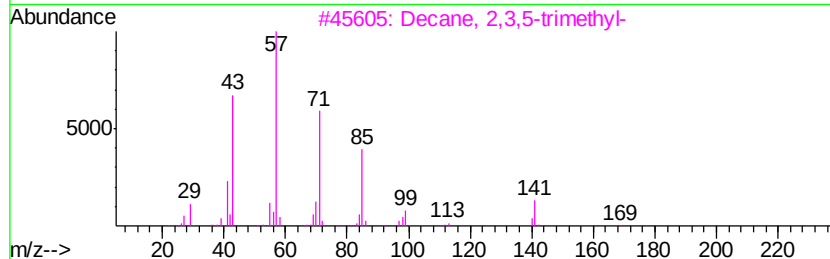
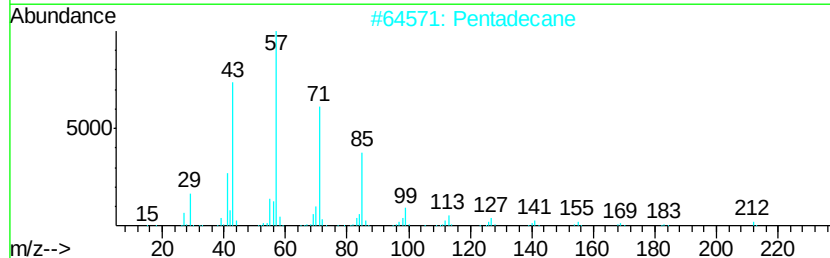
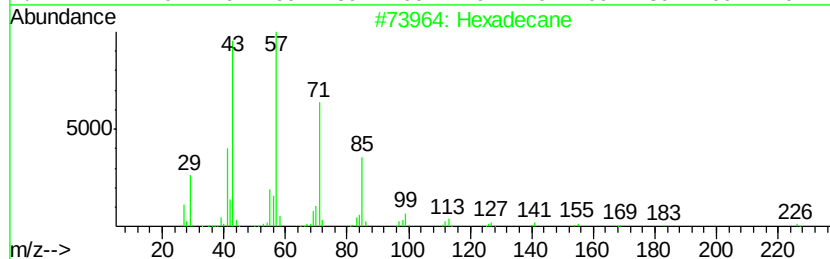
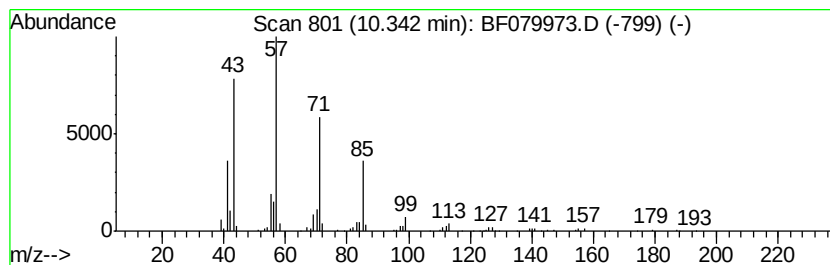
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	9.69 ng	218858	Acenaphthene-d10	10.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	91
2			Pentadecane	212	C15H32	000629-62-9	90
3			Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5			Decane, 3-bromo-	220	C10H21Br	030571-71-2	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079973.D
Acq On : 13 Jun 2015 12:05
Operator : TP/IZ
Sample : G2609-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

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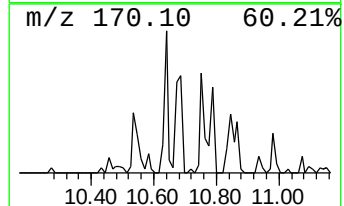
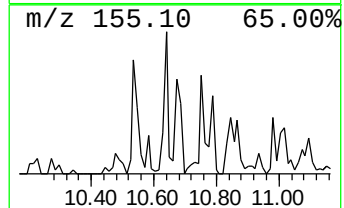
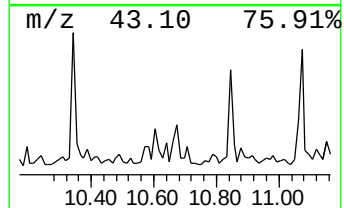
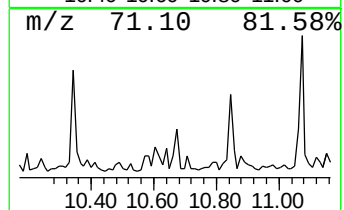
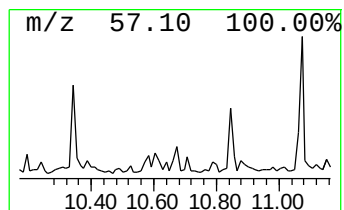
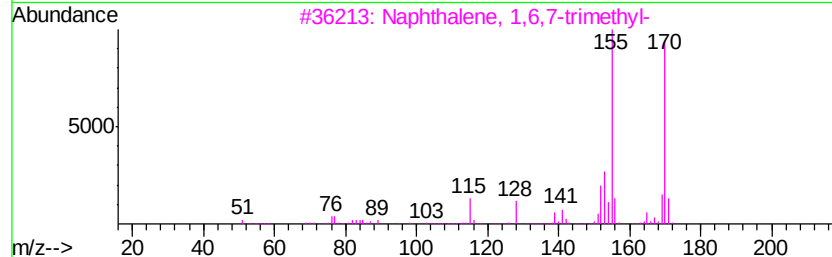
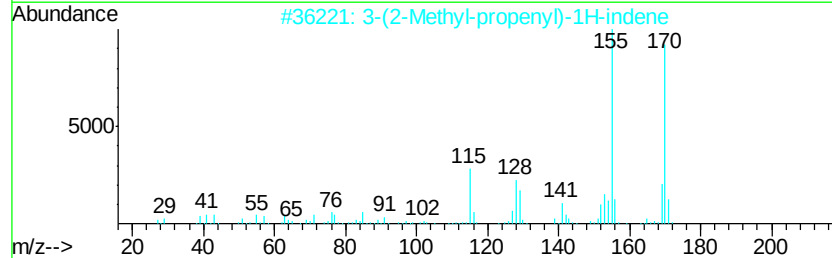
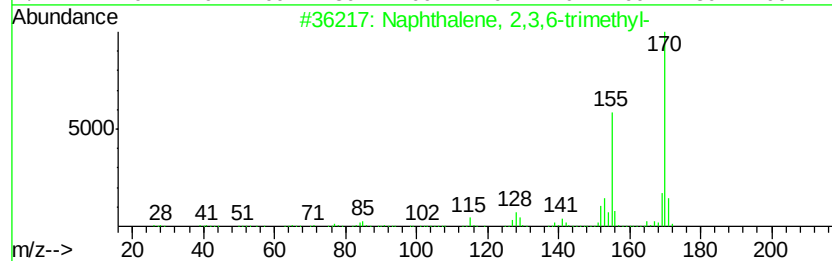
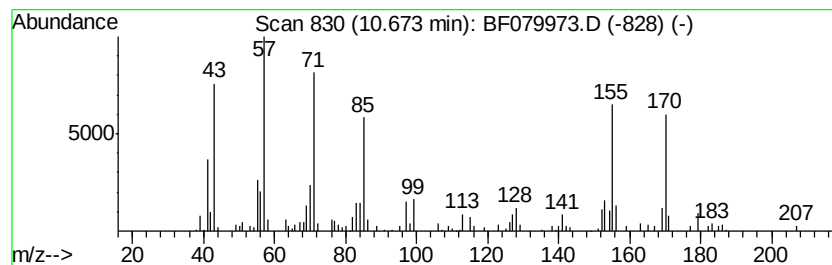
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.67	8.14 ng	183885	Acenaphthene-d10	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	84
2		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	83
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	66
4		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	60
5		Dodecane	170	C12H26	000112-40-3	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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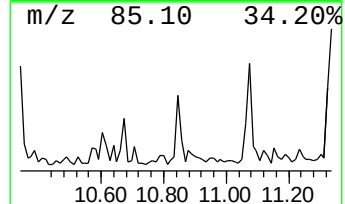
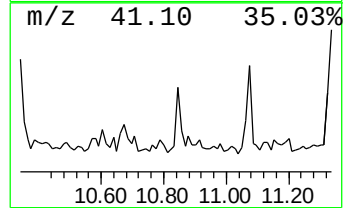
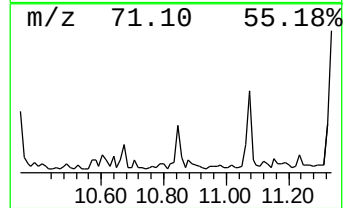
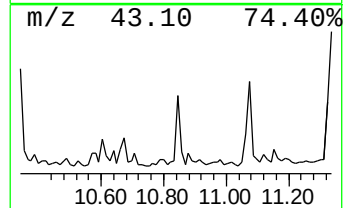
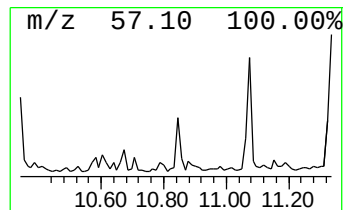
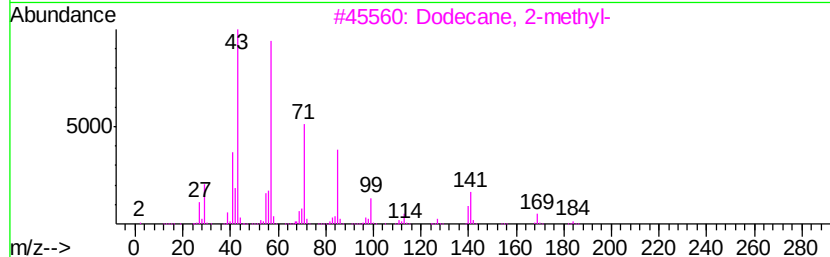
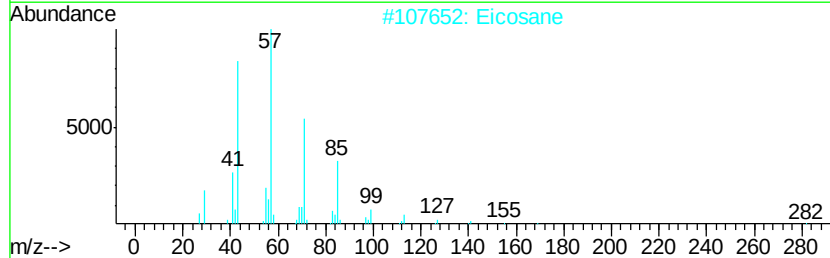
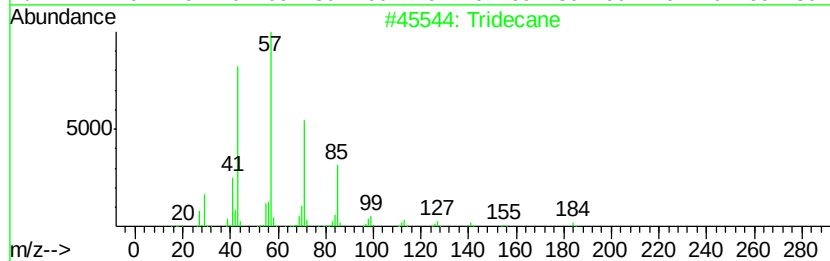
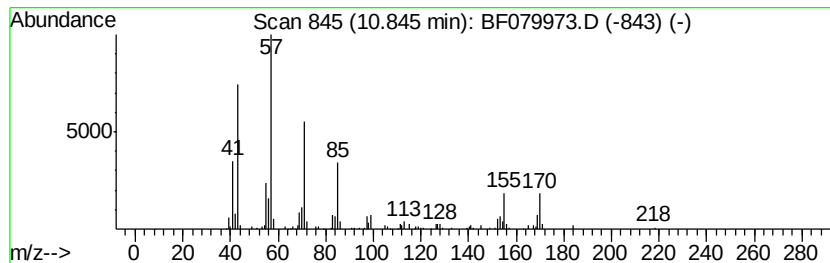
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.84	7.32 ng	165303	Acenaphthene-d10	10.44	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	92
2	Eicosane	282	C20H42	000112-95-8	64
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	58
4	Hexadecane	226	C16H34	000544-76-3	52
5	Tetracosane	338	C24H50	000646-31-1	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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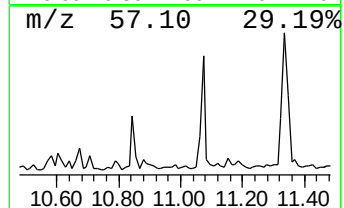
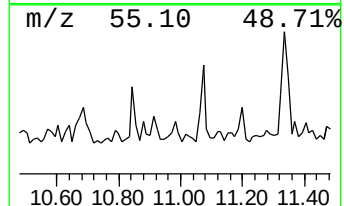
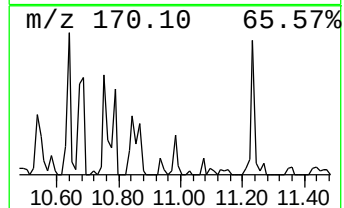
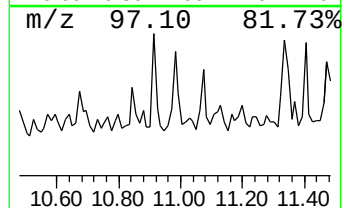
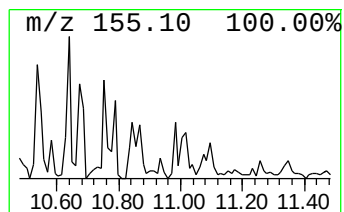
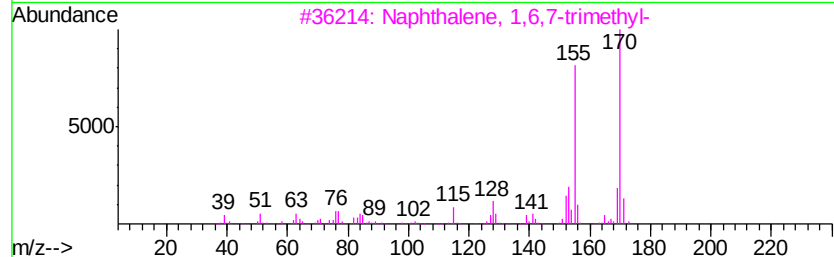
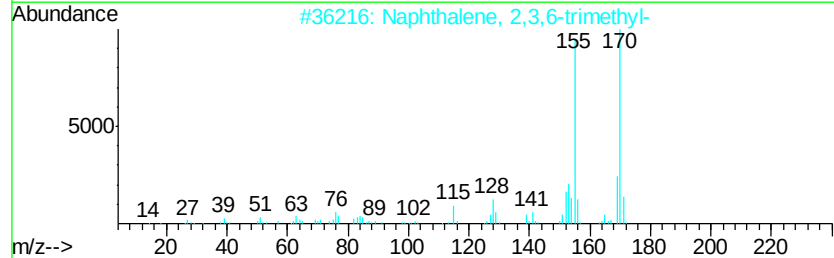
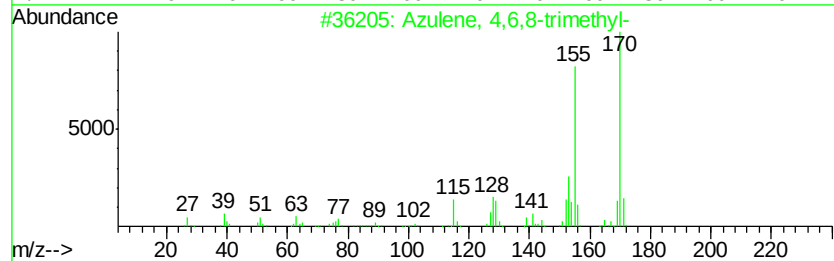
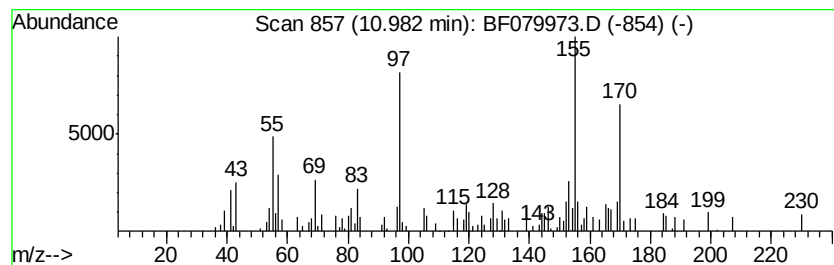
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azulene, 4,6,8-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.98	6.77 ng	152861	Acenaphthene-d10		10.44
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	70
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
5	Naphthalene, 1-(1-methylethyl)-	170	C13H14	006158-45-8	55



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 12:05
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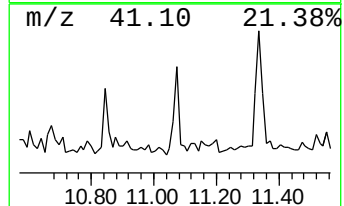
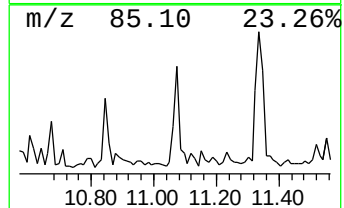
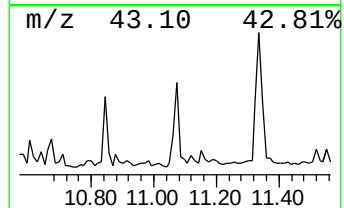
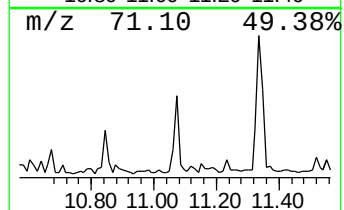
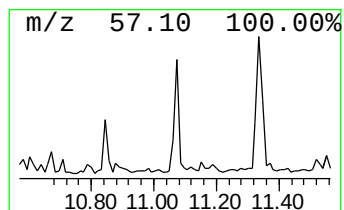
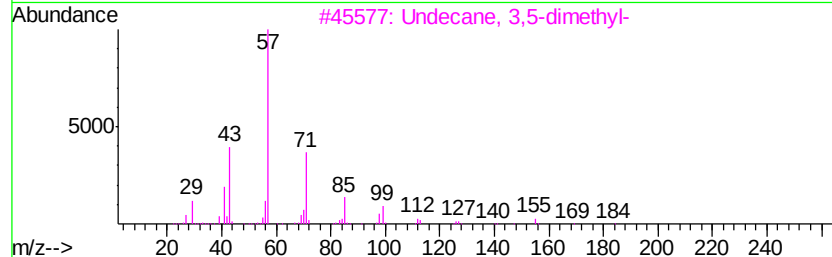
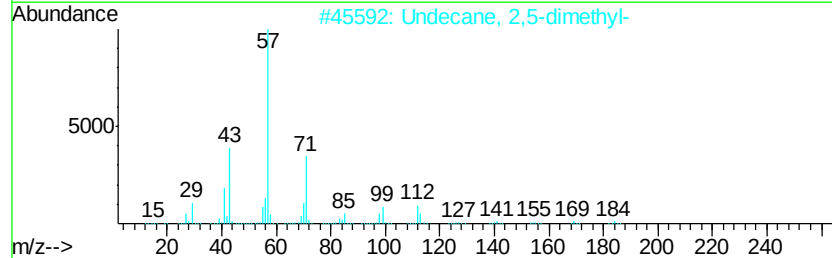
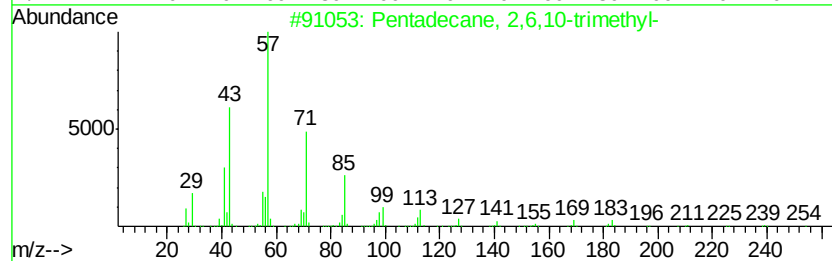
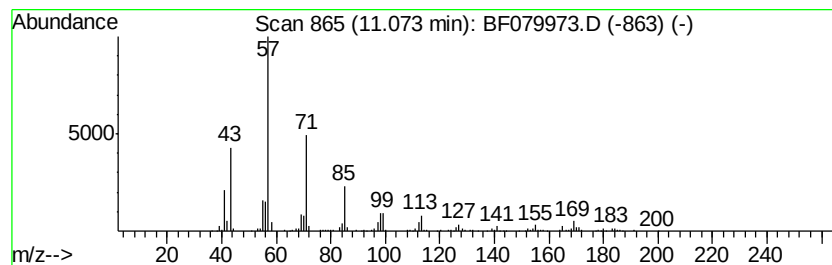
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.07	11.63 ng	262504	Acenaphthene-d10	10.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	74
3		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Tetracosane	338	C24H50	000646-31-1	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
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Acq On : 13 Jun 2015 12:05
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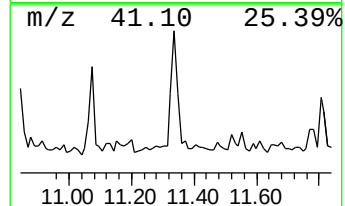
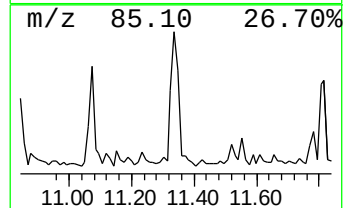
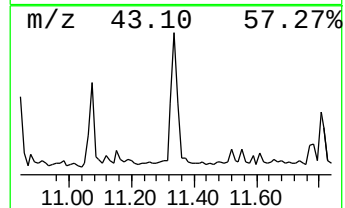
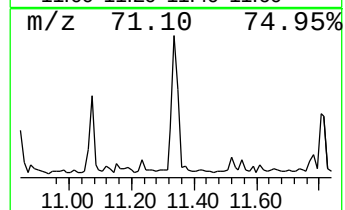
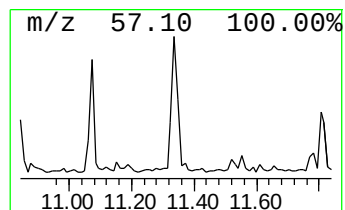
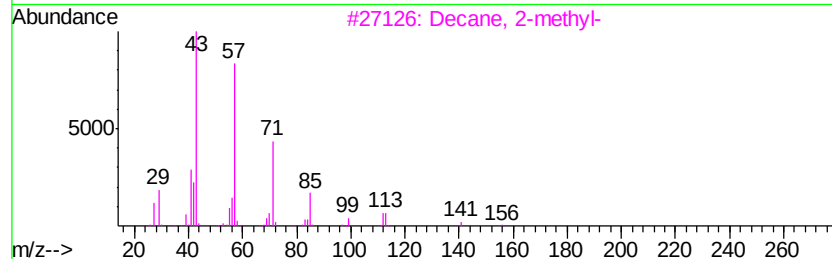
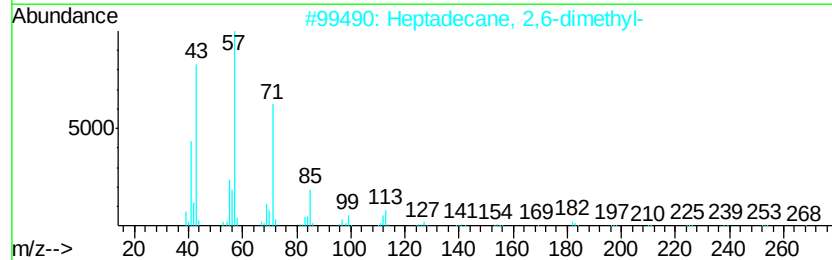
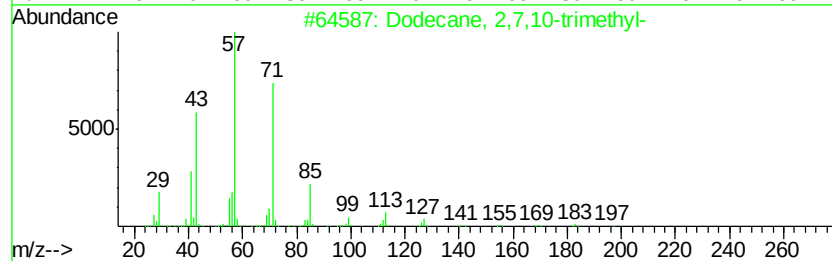
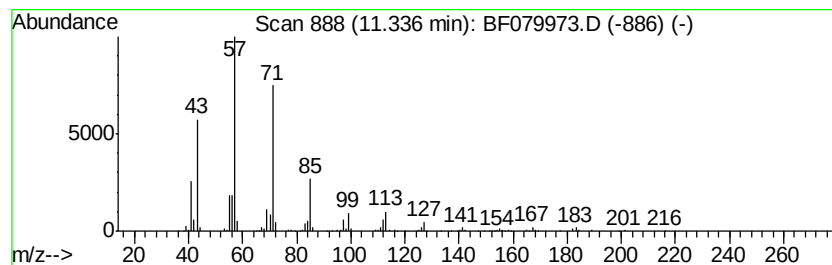
Instrument :
BNA_F
ClientSampleId :
D1(CRUSHED-STONE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane, 2,6-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.34	20.13 ng	510931	Phenanthrene-d10		11.94
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	91
2	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	90
3	Decane, 2-methyl-	156	C11H24	006975-98-0	87
4	Decane, 5-propyl-	184	C13H28	017312-62-8	83
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079973.D
Acq On : 13 Jun 2015 12:05
Operator : TP/IZ
Sample : G2609-01
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
D1(CRUSHED-STONE)

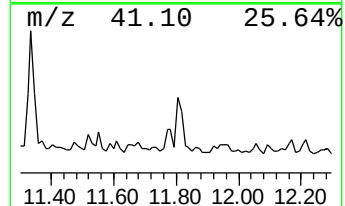
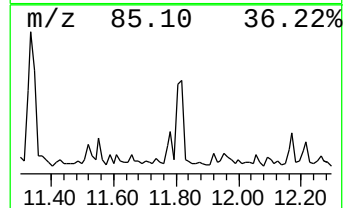
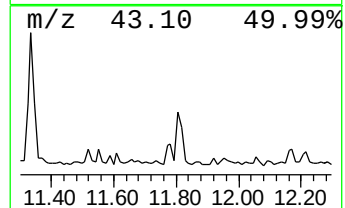
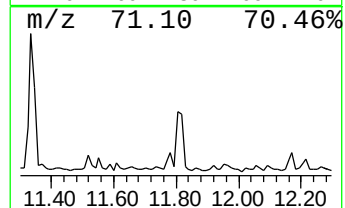
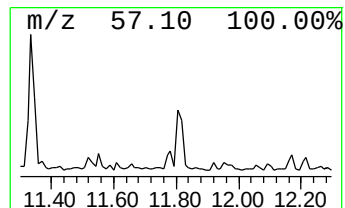
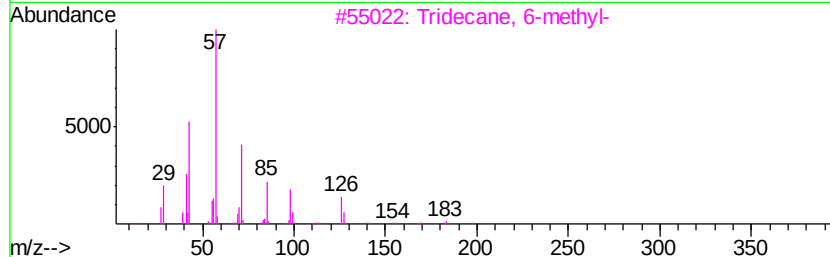
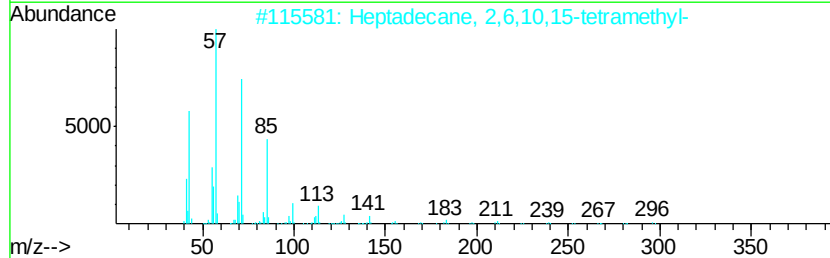
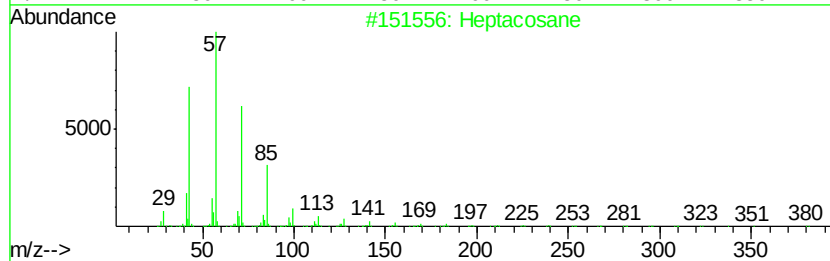
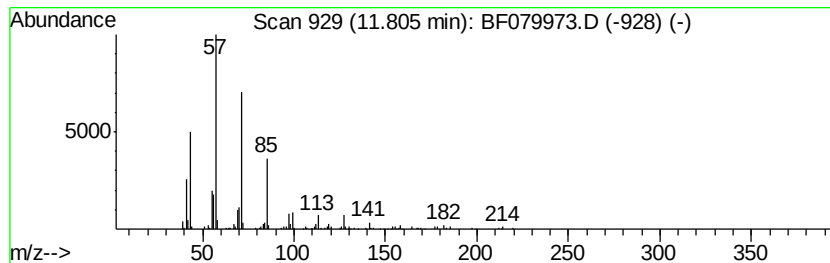
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptacosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.80	9.09 ng	230655	Phenanthrene-d10	11.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	86
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	78
4		Hexadecane	226	C16H34	000544-76-3	64
5		Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
 Data File : BF079973.D
 Acq On : 13 Jun 2015 12:05
 Operator : TP/IZ
 Sample : G2609-01
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D1(CRUSHED-STONE)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.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
Ethene, 1,2-dichl...	1.34	59.1	ng	808428	1	7.38	273753	20.0
Propane, 2,2-dime...	2.24	293.7	ng	4020370	1	7.38	273753	20.0
Butane, 2-methoxy...	2.67	14.4	ng	196425	1	7.38	273753	20.0
unknown7.14	7.14	85.3	ng	1168250	1	7.38	273753	20.0
Octane, 2,6-dimet...	9.07	7.3	ng	142263	2	8.67	388142	20.0
Dodecane, 2,7,10-...	9.68	6.8	ng	153641	3	10.44	451577	20.0
Nonadecane	9.82	12.5	ng	281401	3	10.44	451577	20.0
Hexadecane	10.34	9.7	ng	218858	3	10.44	451577	20.0
Naphthalene, 2,3,...	10.67	8.1	ng	183885	3	10.44	451577	20.0
Tridecane	10.84	7.3	ng	165303	3	10.44	451577	20.0
Azulene, 4,6,8-tr...	10.98	6.8	ng	152861	3	10.44	451577	20.0
Pentadecane, 2,6,...	11.07	11.6	ng	262504	3	10.44	451577	20.0
Heptadecane, 2,6-...	11.34	20.1	ng	510931	4	11.94	507706	20.0
Heptacosane	11.80	9.1	ng	230655	4	11.94	507706	20.0