

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079616.D
 Acq On : 30 May 2015 21:37
 Operator : TP/IZ
 Sample : G2420-30
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PENRD8.15(5)

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-BF052615.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	1.552	30	32	39	rBV	406060	855315	13.32%	3.450%
2	1.655	39	41	71	rVB	2680263	6423333	100.00%	25.909%
3	4.639	300	302	311	rBV	46455	88587	1.38%	0.357%
4	5.210	350	352	363	rBV	845391	1473630	22.94%	5.944%
5	6.536	466	468	476	rBV	1369045	1523267	23.71%	6.144%
6	6.650	476	478	481	rVV	1548210	1562154	24.32%	6.301%
7	6.936	501	503	505	rBV	389881	399721	6.22%	1.612%
8	7.119	516	519	522	rBV	1320871	1230090	19.15%	4.962%
9	7.633	562	564	567	rBV	971250	917520	14.28%	3.701%
10	8.513	638	641	643	rBV	578235	588949	9.17%	2.376%
11	9.862	757	759	761	rBV	1496187	1661724	25.87%	6.703%
12	10.376	801	804	806	rBV	103913	157711	2.46%	0.636%
13	10.673	825	830	832	rBV	649452	640322	9.97%	2.583%
14	11.656	913	916	918	rBV	1010743	1107878	17.25%	4.469%
15	11.862	932	934	937	rBV	67137	110464	1.72%	0.446%
16	12.399	979	981	984	rBV2	212100	276392	4.30%	1.115%
17	12.479	986	988	989	rVV	80277	88745	1.38%	0.358%
18	12.502	989	990	992	rVV	502180	612184	9.53%	2.469%
19	12.536	992	993	995	rVB	134036	112299	1.75%	0.453%
20	13.257	1051	1056	1059	rBV2	52546	126609	1.97%	0.511%
21	14.011	1120	1122	1124	rBV	142489	173697	2.70%	0.701%
22	14.285	1143	1146	1149	rVB	158699	183483	2.86%	0.740%
23	14.502	1162	1165	1167	rBV	1694494	1715328	26.70%	6.919%
24	15.680	1265	1268	1273	rBV	193286	335143	5.22%	1.352%
25	15.782	1274	1277	1279	rBV	648044	839964	13.08%	3.388%
26	15.817	1279	1280	1282	rVB	105635	81152	1.26%	0.327%
27	16.091	1301	1304	1308	rBV2	50856	69394	1.08%	0.280%
28	16.845	1368	1370	1373	rBV2	55508	74403	1.16%	0.300%
29	16.914	1373	1376	1379	rVV	103476	126916	1.98%	0.512%
30	17.028	1383	1386	1391	rVB	83695	200351	3.12%	0.808%
31	17.211	1400	1402	1404	rBV	46280	74392	1.16%	0.300%
32	17.325	1409	1412	1413	rVV	54633	81739	1.27%	0.330%
33	17.383	1415	1417	1420	rVB	77950	103723	1.61%	0.418%
34	17.440	1420	1422	1426	rBV	589460	709370	11.04%	2.861%

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ALS Vial : 19 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PENRD8.15(5)

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

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	17.566	1431	1433	1435	rVV2	45091	65774	1.02%	0.265%
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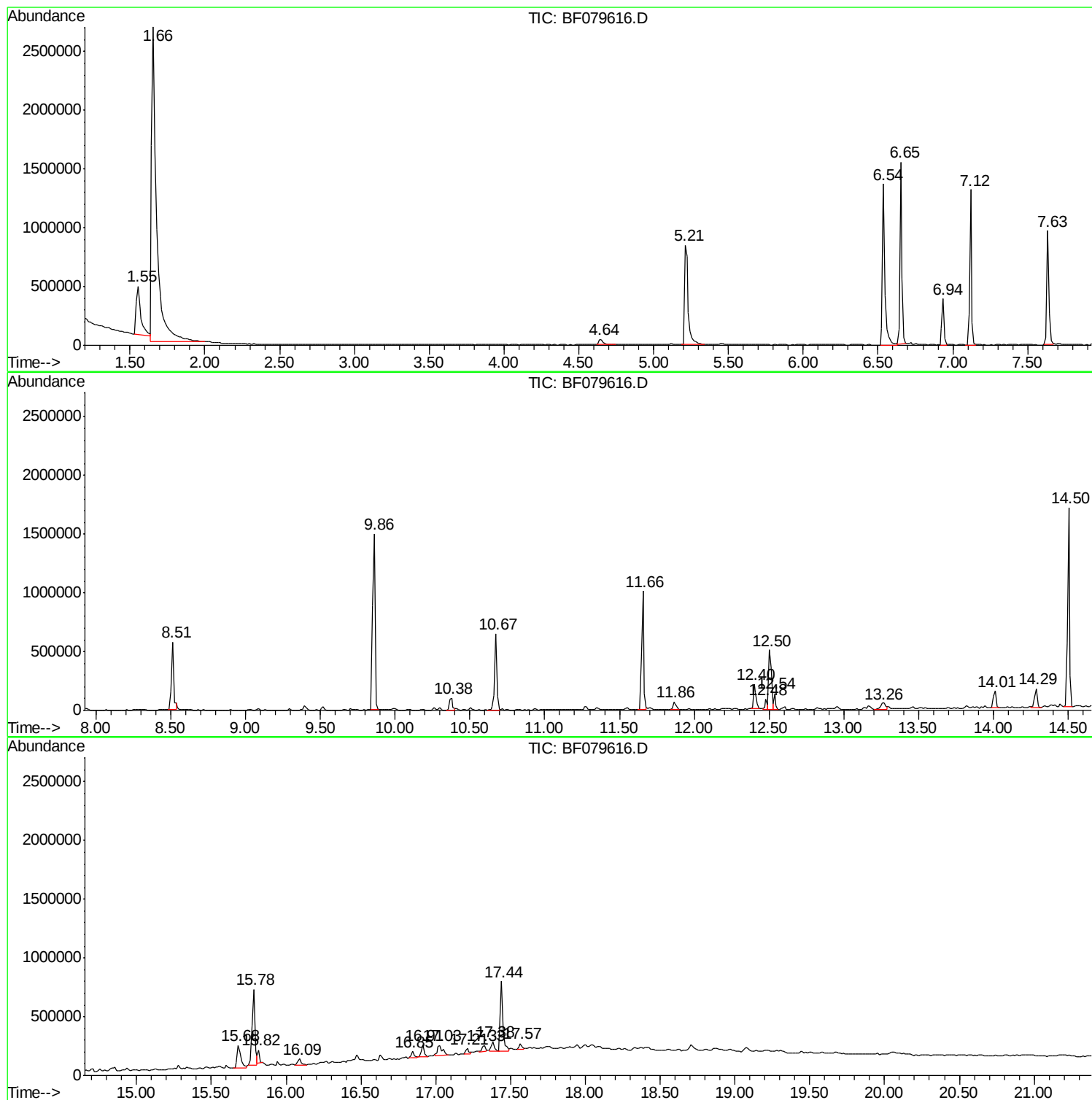
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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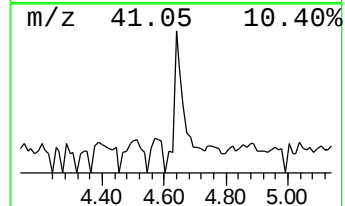
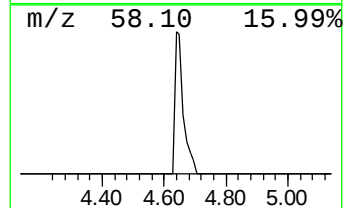
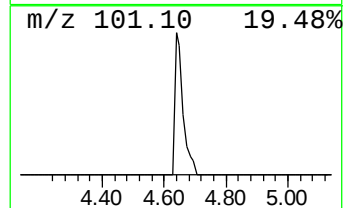
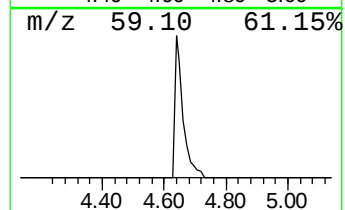
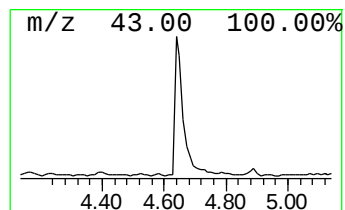
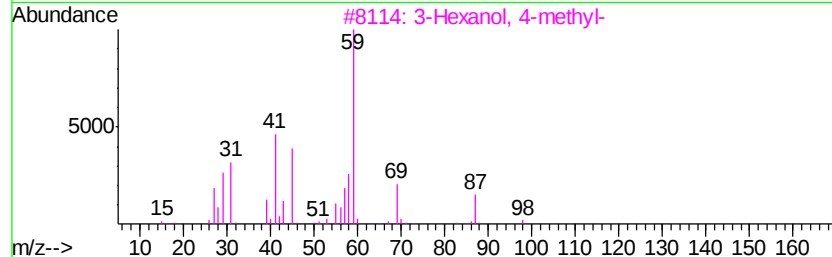
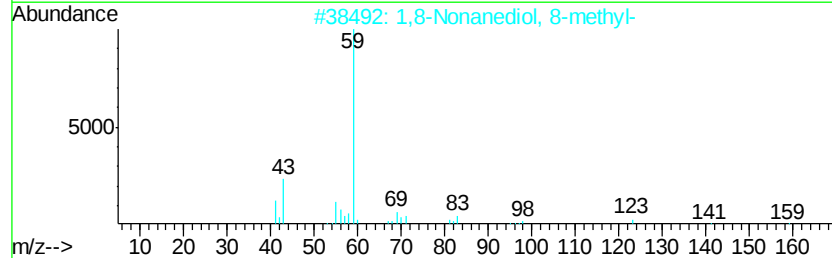
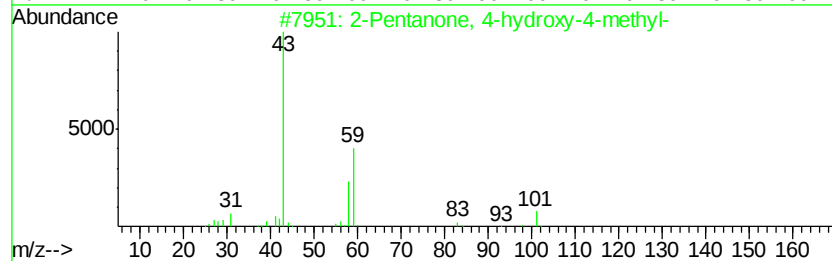
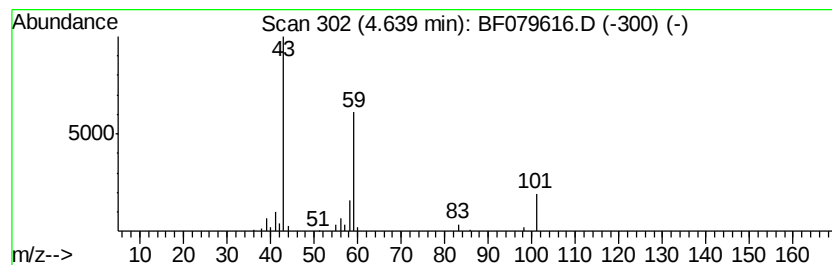
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	4.43 ng	88587	1,4-Dichlorobenzene-d4	6.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	37
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
4		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
5		2,3-Butanediol, 2,3-dimethyl-	118	C6H14O2	000076-09-5	9



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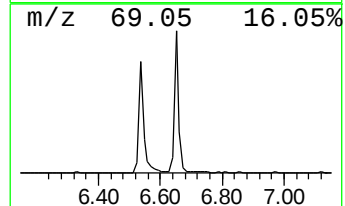
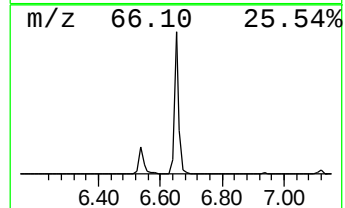
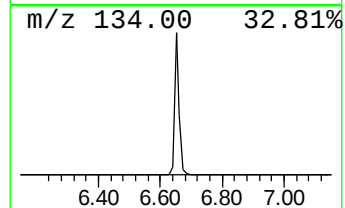
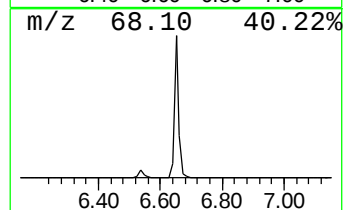
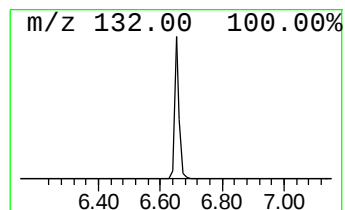
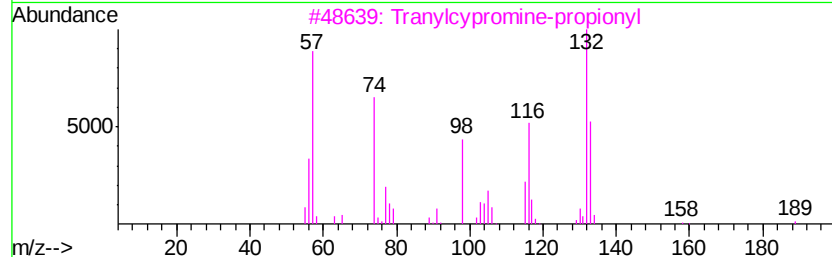
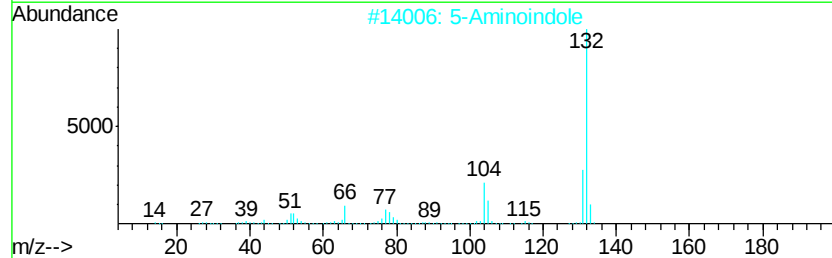
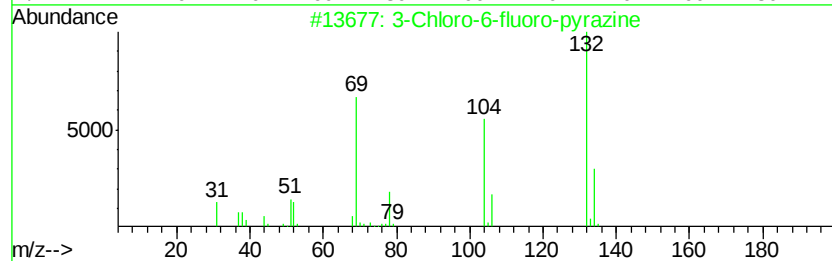
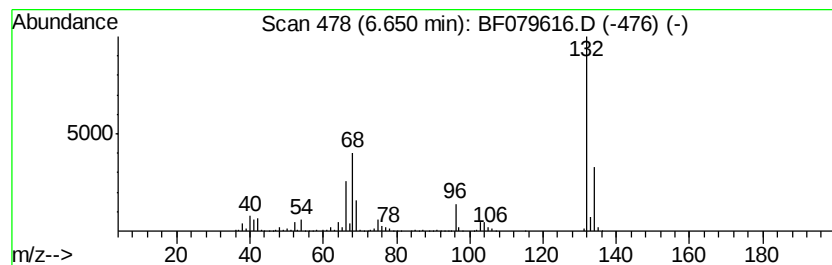
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	78.16 ng	1562150	1,4-Dichlorobenzene-d4	6.94

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			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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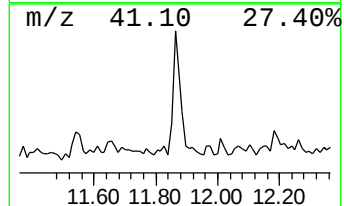
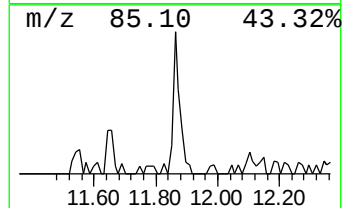
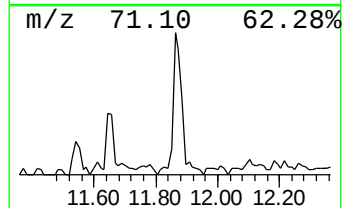
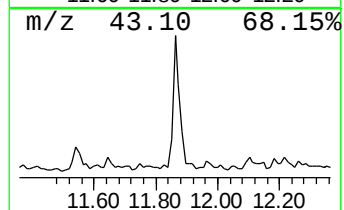
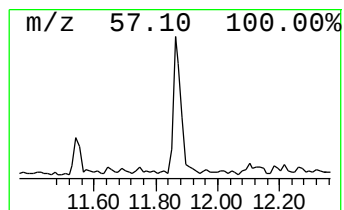
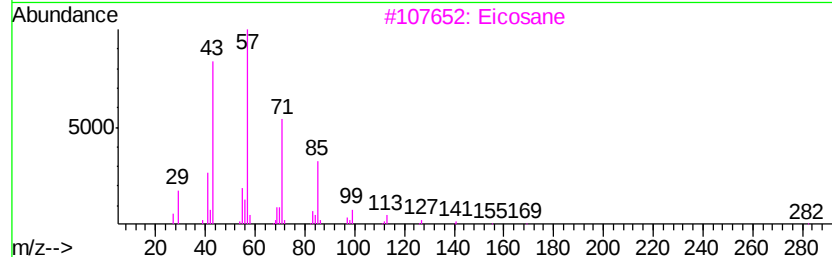
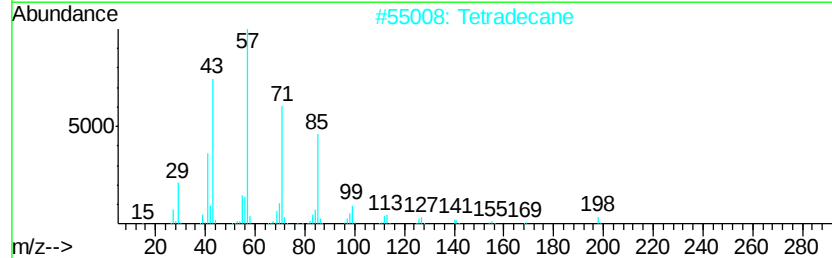
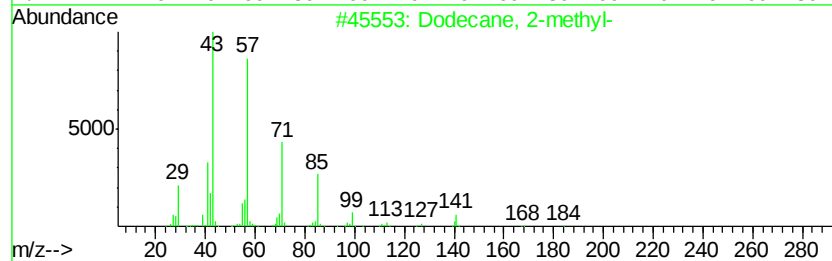
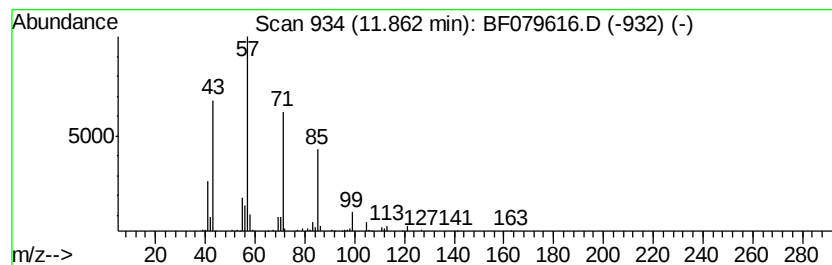
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Dodecane, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.86	3.61 ng	110464	Phenanthrene-d10		12.50
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80
2	Tetradecane	198	C14H30	000629-59-4	72
3	Eicosane	282	C20H42	000112-95-8	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Pentadecane	212	C15H32	000629-62-9	53



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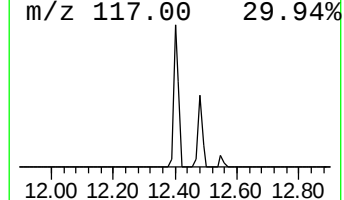
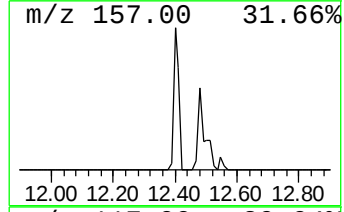
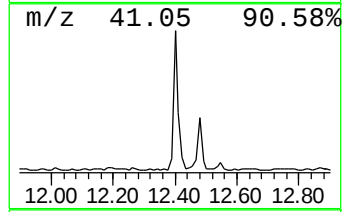
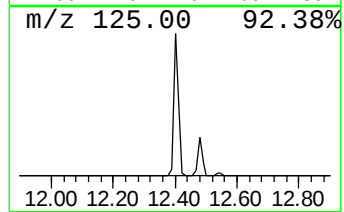
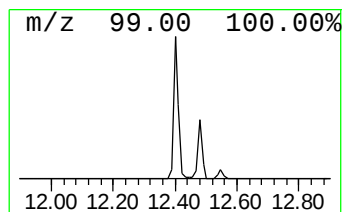
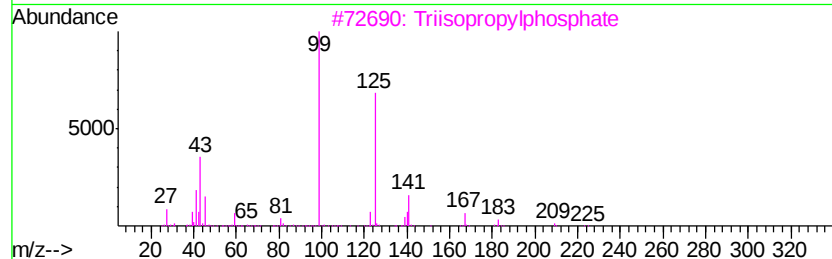
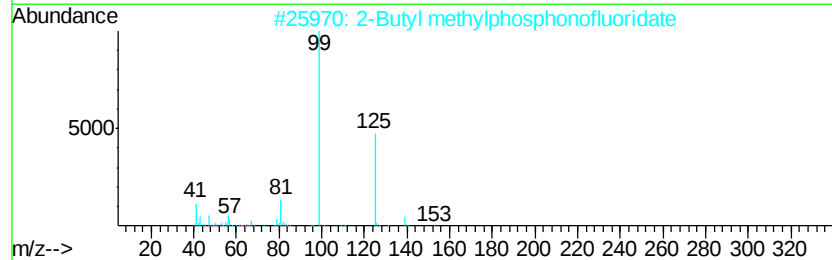
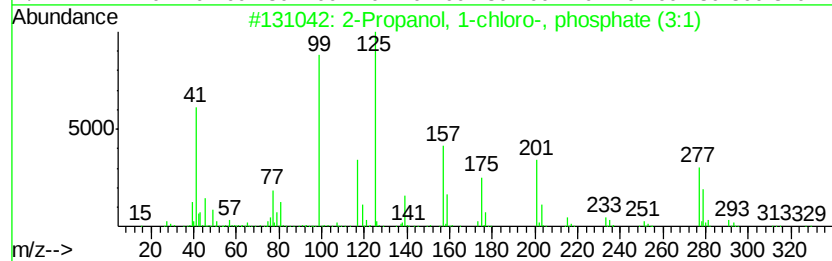
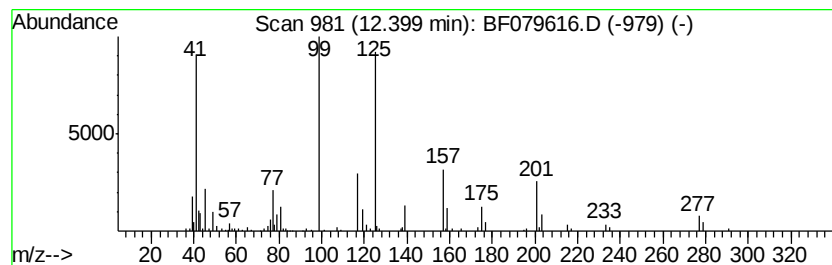
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 2-Propanol, 1-chloro-, phos... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.40	9.03 ng	276392	Phenanthrene-d10	12.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-chloro-, phosphate...	326	C9H18Cl3O4P	013674-84-5	74
2	2-Butyl methylphosphonofluoridate	154	C5H12F02P	000352-52-3	47
3	Triisopropylphosphate	224	C9H21O4P	000513-02-0	28
4	Sarin	140	C4H10F02P	000107-44-8	12
5	cis-1,9,12-Trioxadispiro[4.2.4.2...	270	C13H18O6	1000153-27-5	12



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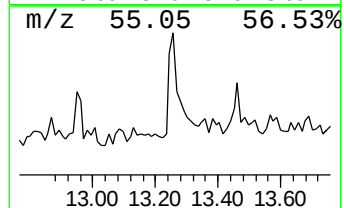
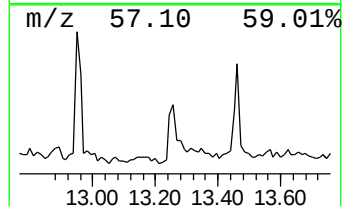
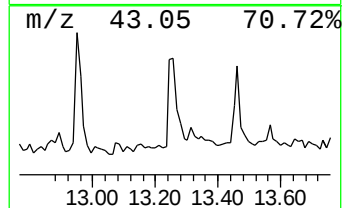
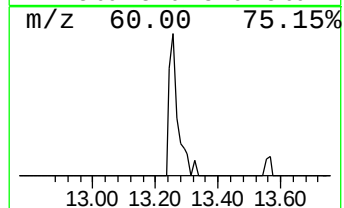
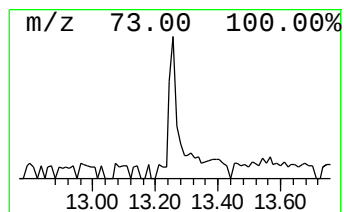
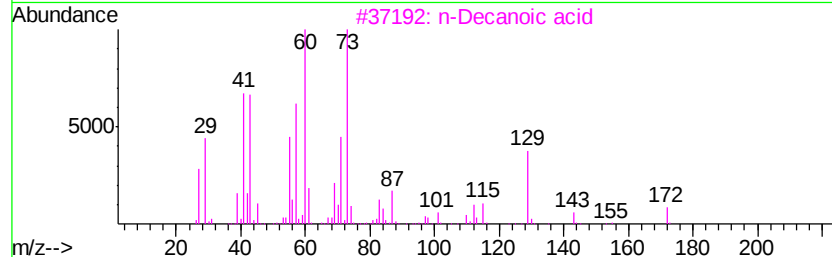
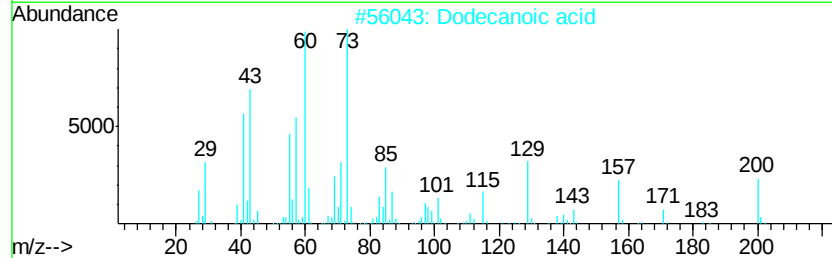
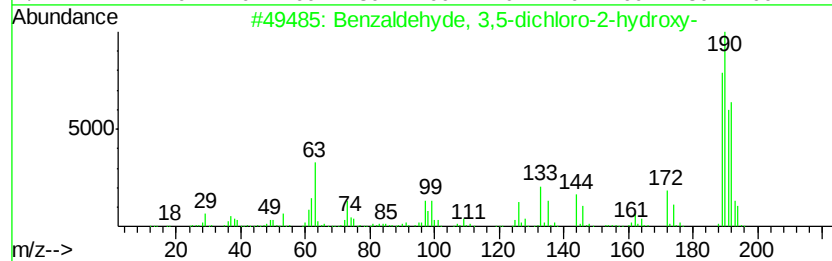
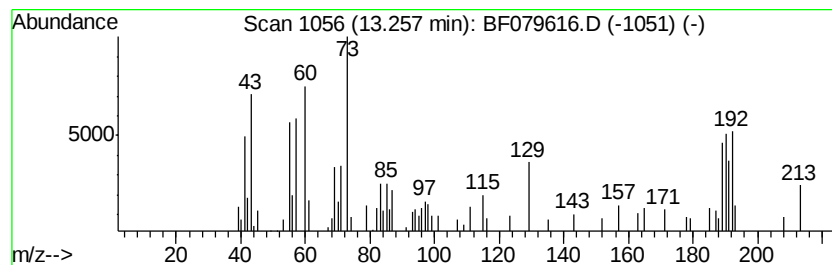
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 unknown13.26 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	4.14 ng	126609	Phenanthrene-d10	12.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	30
2			Dodecanoic acid	200	C12H24O2	000143-07-7	27
3			n-Decanoic acid	172	C10H20O2	000334-48-5	27
4			Nonanoic acid	158	C9H18O2	000112-05-0	14
5			Xylose	150	C5H10O5	000058-86-6	14



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Misc :
ALS Vial : 19 Sample Multiplier: 1

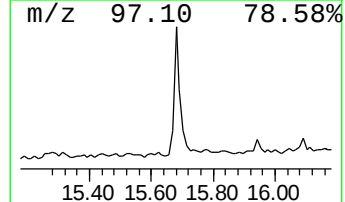
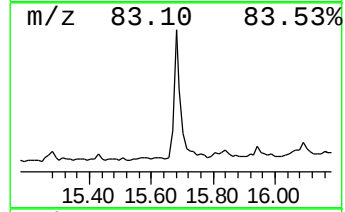
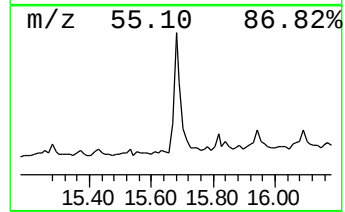
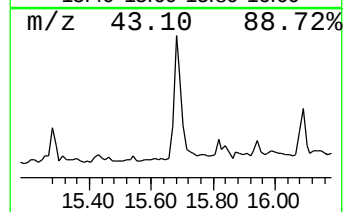
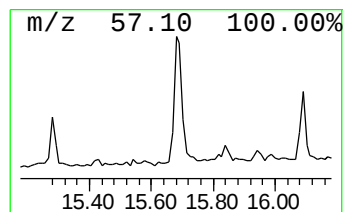
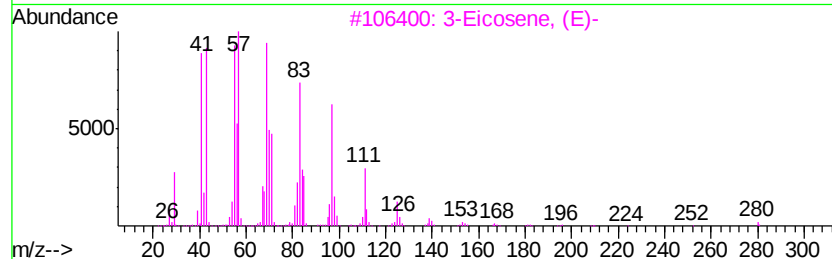
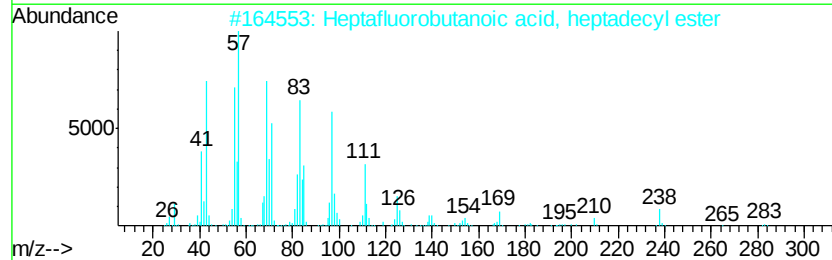
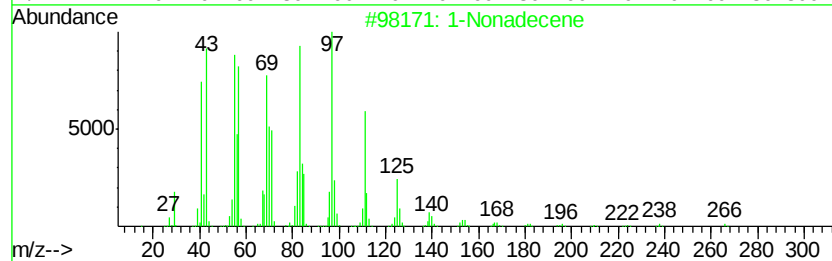
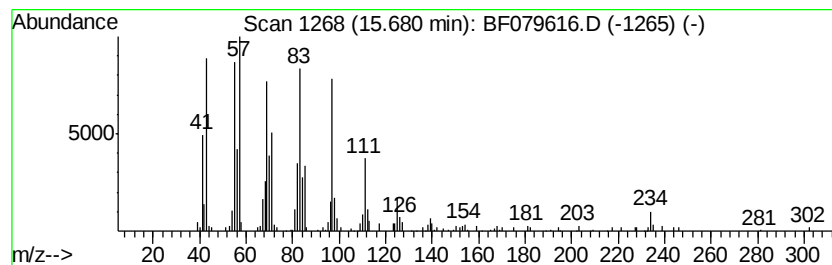
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ClientSampleId :
PENRD8.15(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 1-Nonadecene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	7.98 ng	335143	Chrysene-d12	15.78
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Nonadecene		266 C19H38	018435-45-5 91
2	Heptafluorobutanoic acid, heptad...		452 C21H35F7O2	1000282-97-3 91
3	3-Eicosene, (E)-		280 C20H40	074685-33-9 91
4	1-Octadecanol		270 C18H38O	000112-92-5 90
5	1-Heneicosyl formate		340 C22H44O2	077899-03-7 87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

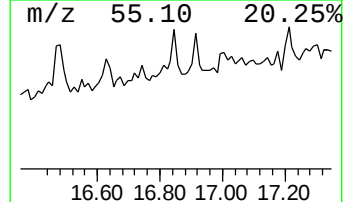
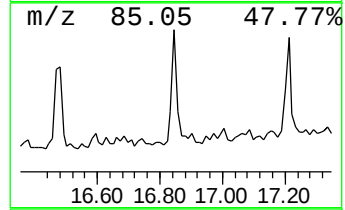
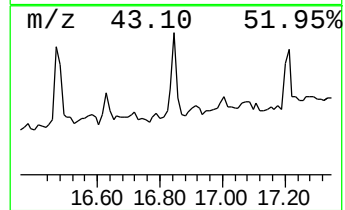
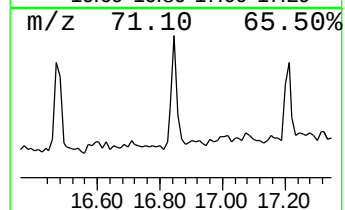
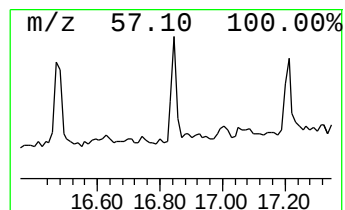
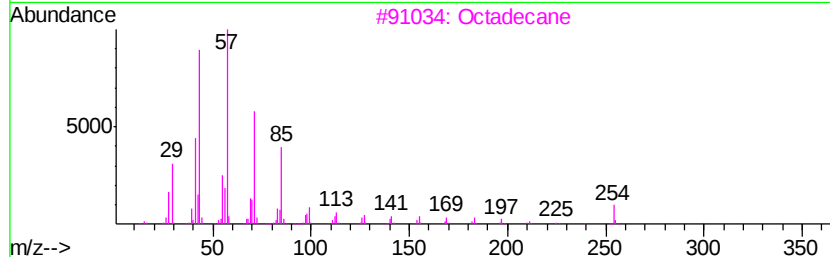
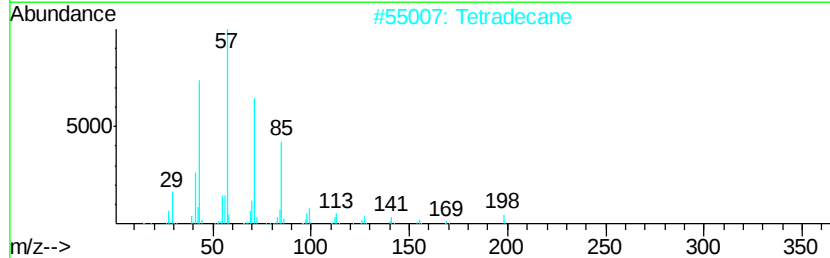
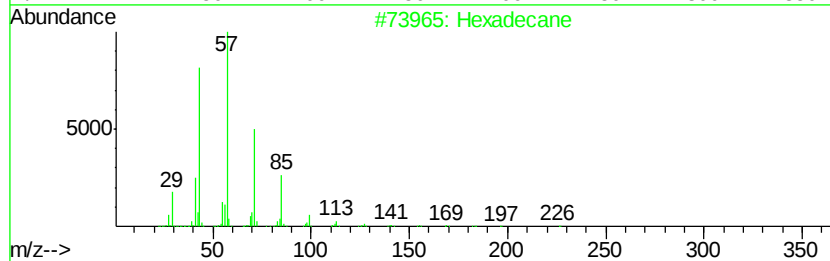
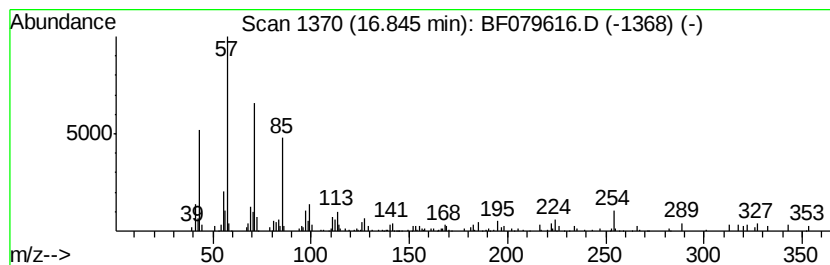
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.85	2.10 ng	74403	Perylene-d12	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	89
2		Tetradecane	198	C14H30	000629-59-4	89
3		Octadecane	254	C18H38	000593-45-3	81
4		Eicosane	282	C20H42	000112-95-8	68
5		Heneicosane	296	C21H44	000629-94-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

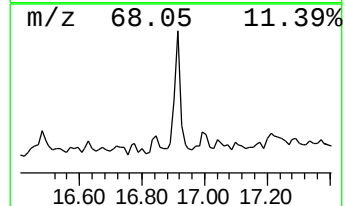
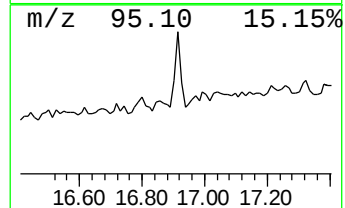
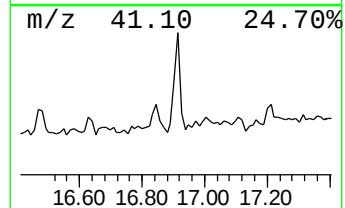
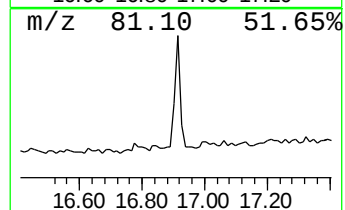
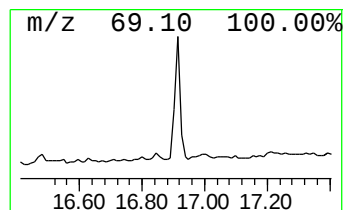
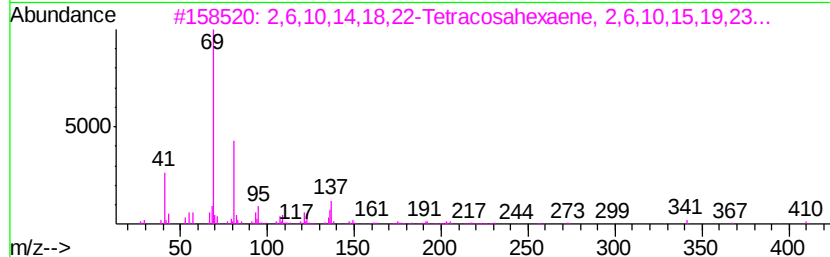
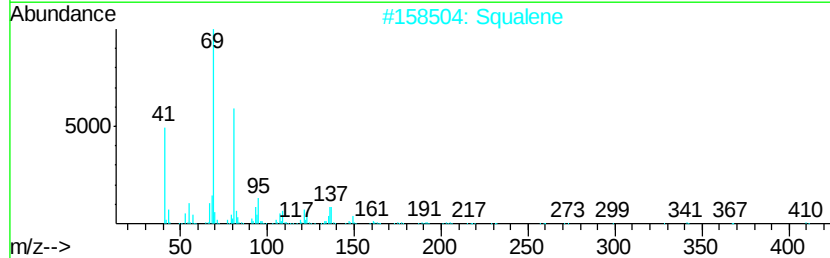
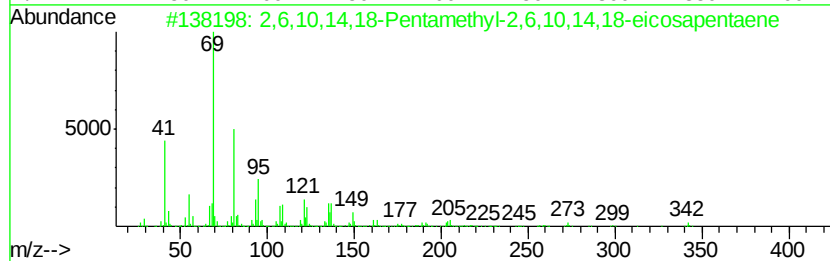
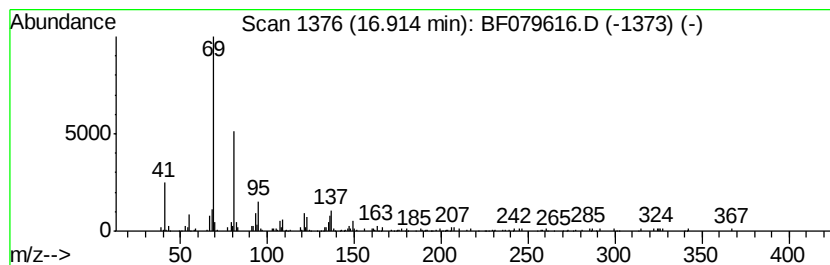
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2,6,10,14,18-Pentamethyl-2,... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.91	3.58 ng	126916	Perylene-d12	17.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18-Pentamethyl-2,6,10,...	342	C25H42	075581-03-2	93		
2	Squalene	410	C30H50	007683-64-9	87		
3	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	80		
4	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	64		
5	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	53		



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

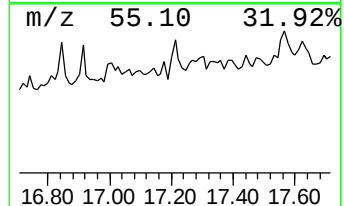
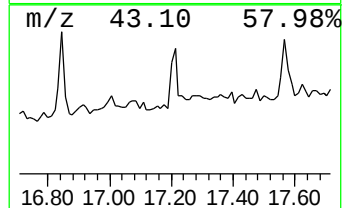
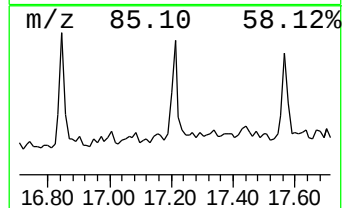
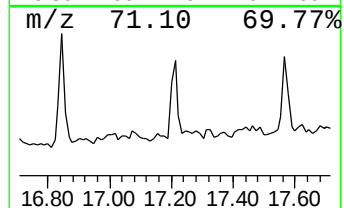
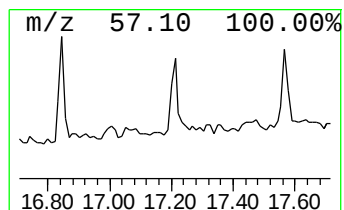
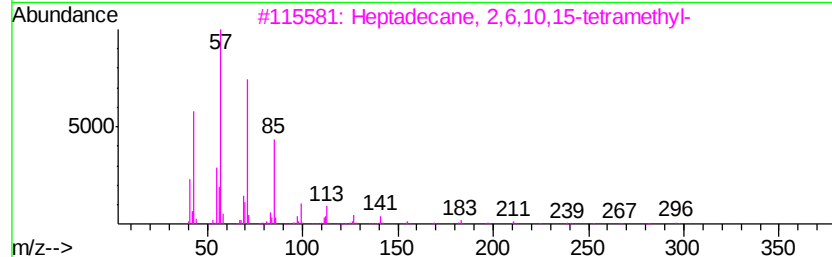
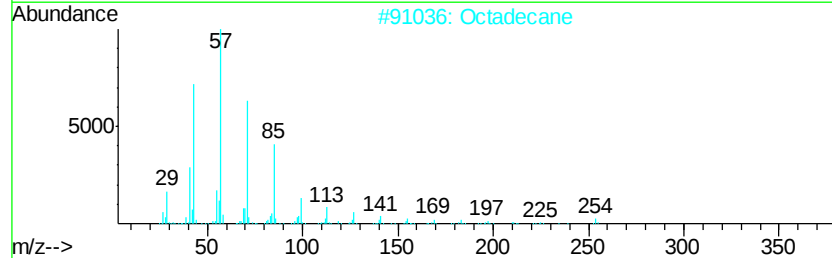
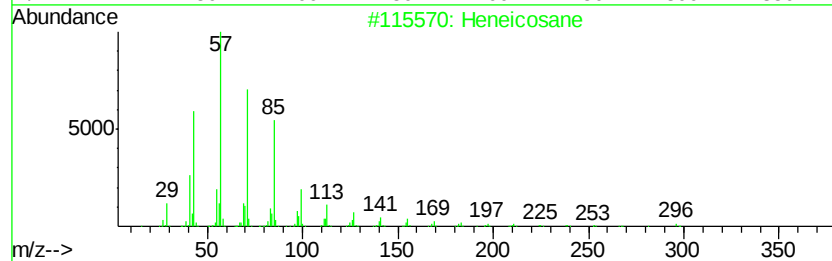
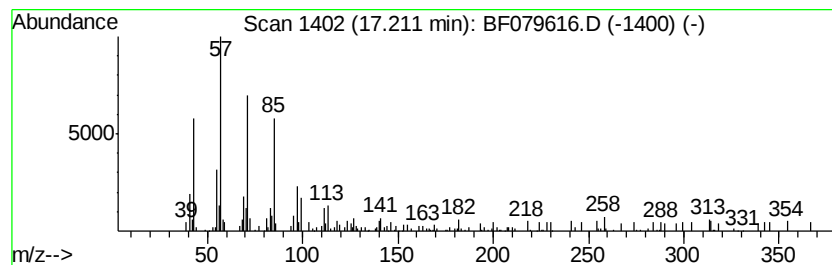
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.21	2.10 ng	74392	Perylene-d12	17.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Octadecane	254	C18H38	000593-45-3	78
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	60
4		Hexadecane	226	C16H34	000544-76-3	60
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079616.D
Acq On : 30 May 2015 21:37
Operator : TP/IZ
Sample : G2420-30
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PENRD8.15(5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.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
2-Pentanone, 4-hy...	4.64	4.4	ng	88587	1	6.94	399721	20.0
unknown6.65	6.65	78.2	ng	1562150	1	6.94	399721	20.0
Dodecane, 2-methyl-	11.86	3.6	ng	110464	4	12.50	612184	20.0
2-Propanol, 1-chl...	12.40	9.0	ng	276392	4	12.50	612184	20.0
unknown13.26	13.26	4.1	ng	126609	4	12.50	612184	20.0
1-Nonadecene	15.68	8.0	ng	335143	5	15.78	839964	20.0
Hexadecane	16.85	2.1	ng	74403	6	17.44	709370	20.0
2,6,10,14,18-Pent...	16.91	3.6	ng	126916	6	17.44	709370	20.0
Heneicosane	17.21	2.1	ng	74392	6	17.44	709370	20.0