

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
 Data File : BF082853.D
 Acq On : 10 Nov 2015 4:44
 Operator : UM/IZ
 Sample : G4286-03
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-4C

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-BF110715.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	5.024	253	257	267	rVB	2454840	3938895	52.27%	5.720%
2	5.447	290	294	296	rBV	5889609	7535120	100.00%	10.943%
3	6.464	380	383	386	rBV	5080927	7521935	99.83%	10.924%
4	6.602	392	395	397	rBV	6756408	7271459	96.50%	10.560%
5	6.830	412	415	417	rBV	1780956	1639242	21.75%	2.381%
6	6.990	426	429	431	rBV	4516096	5212887	69.18%	7.570%
7	7.390	461	464	466	rBV	3941753	4237429	56.24%	6.154%
8	8.110	524	527	530	rVB	1906476	1932200	25.64%	2.806%
9	9.196	618	622	624	rBV	6467744	6615183	87.79%	9.607%
10	9.585	653	656	658	rBV	530457	454502	6.03%	0.660%
11	9.870	678	681	683	rBV	2207495	2395049	31.79%	3.478%
12	10.659	746	750	752	rBV	3876273	4851452	64.38%	7.046%
13	10.785	759	761	765	rVB	83538	101795	1.35%	0.148%
14	11.345	808	810	813	rVB	2315485	2242619	29.76%	3.257%
15	11.893	855	858	863	rBV2	64517	141581	1.88%	0.206%
16	12.214	881	886	889	rBV2	94048	124326	1.65%	0.181%
17	12.431	903	905	909	rVB2	87921	98356	1.31%	0.143%
18	12.602	918	920	922	rVB	125029	125747	1.67%	0.183%
19	12.671	922	926	929	rBV2	61401	117395	1.56%	0.170%
20	12.774	932	935	937	rBV	70999	88900	1.18%	0.129%
21	12.934	946	949	952	rVB	4412632	4950836	65.70%	7.190%
22	13.071	959	961	963	rBV	430115	361711	4.80%	0.525%
23	13.848	1025	1029	1032	rBV2	208647	326823	4.34%	0.475%
24	13.894	1032	1033	1035	rVB	91223	78573	1.04%	0.114%
25	13.985	1038	1041	1043	rBV	2219501	2315098	30.72%	3.362%
26	14.477	1082	1084	1091	rBV2	128655	335600	4.45%	0.487%
27	14.682	1098	1102	1106	rBV6	65031	208830	2.77%	0.303%
28	14.751	1106	1108	1114	rVB3	84448	150801	2.00%	0.219%
29	15.094	1136	1138	1140	rBV	52533	78942	1.05%	0.115%
30	15.402	1162	1165	1168	rBV	1369072	1748594	23.21%	2.539%
31	15.642	1184	1186	1191	rVB	55947	82053	1.09%	0.119%
32	15.928	1208	1211	1217	rVB5	29344	77290	1.03%	0.112%
33	17.197	1318	1322	1329	rVB	419878	832963	11.05%	1.210%
34	17.357	1332	1336	1343	rBV5	50656	182326	2.42%	0.265%

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ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-4C

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-BF110715.M
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35	17.871	1378	1381	1386	rVB4	71907	171617	2.28%	0.249%
36	20.043	1566	1571	1578	rVB7	35037	114518	1.52%	0.166%
37	21.209	1667	1673	1680	rBV6	51088	195636	2.60%	0.284%

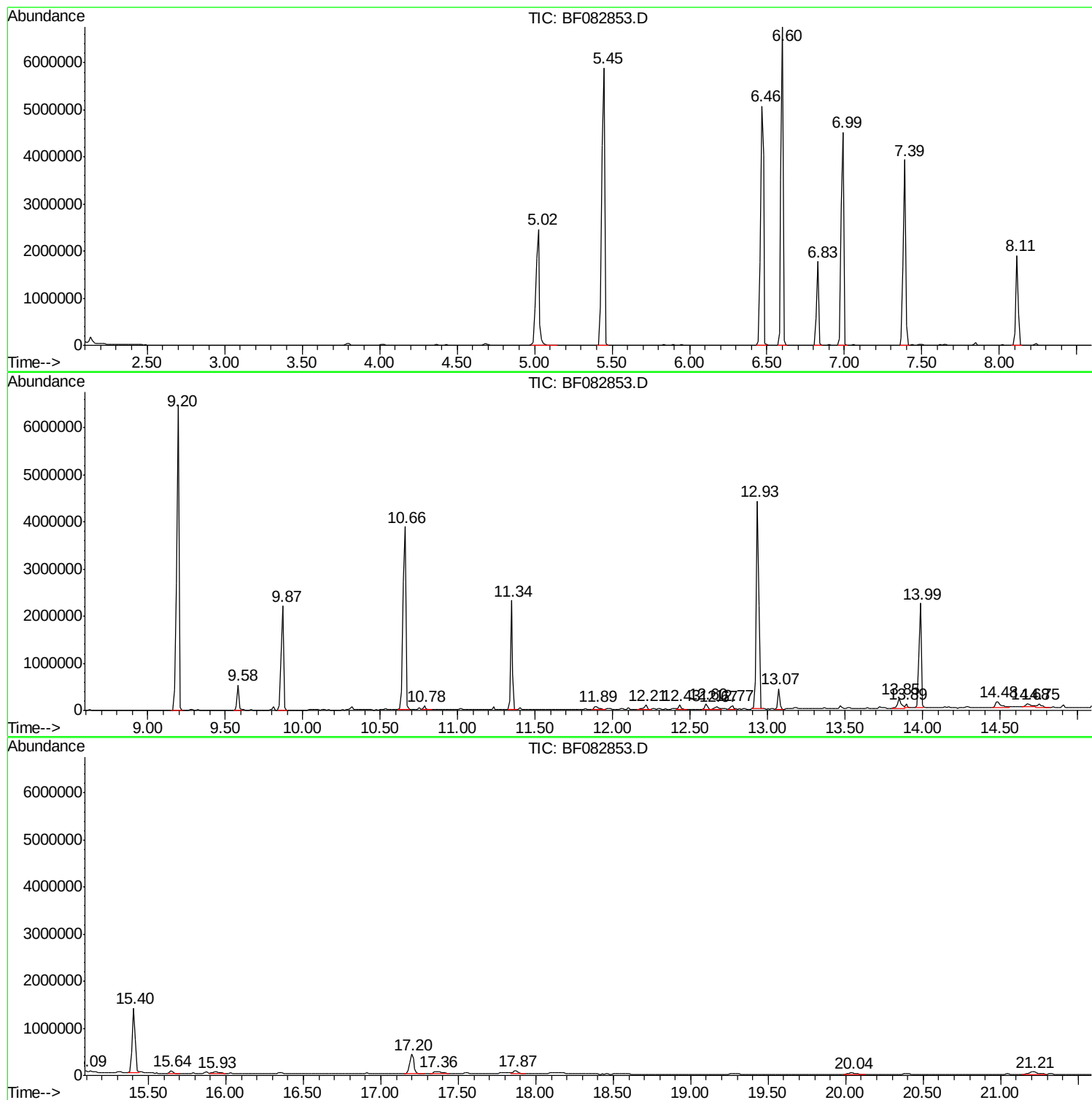
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ClientSampled :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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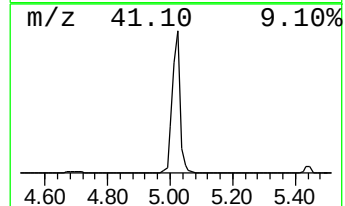
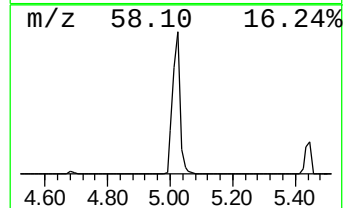
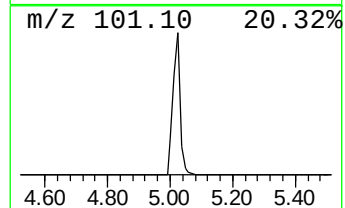
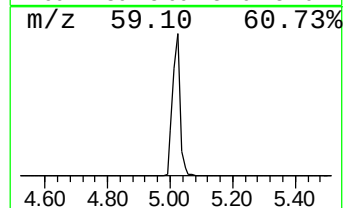
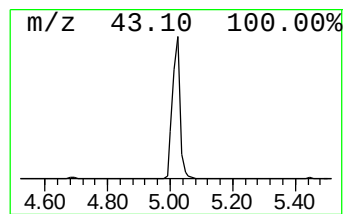
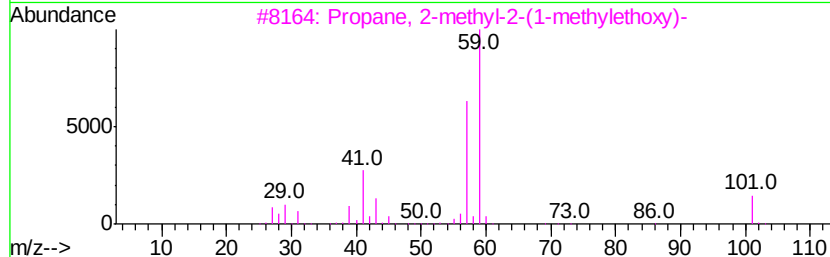
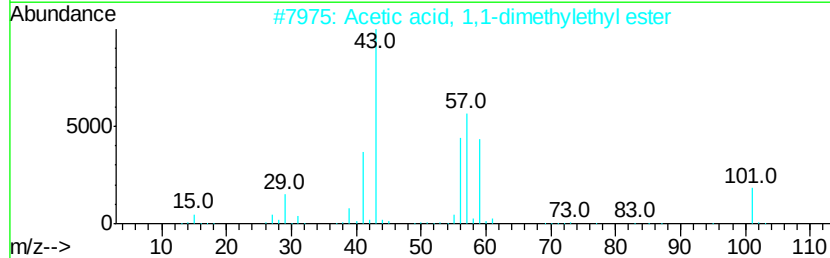
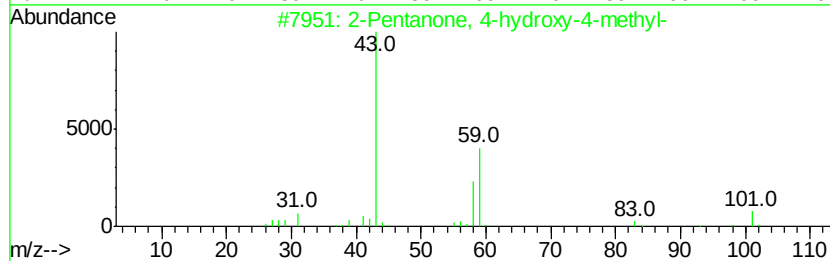
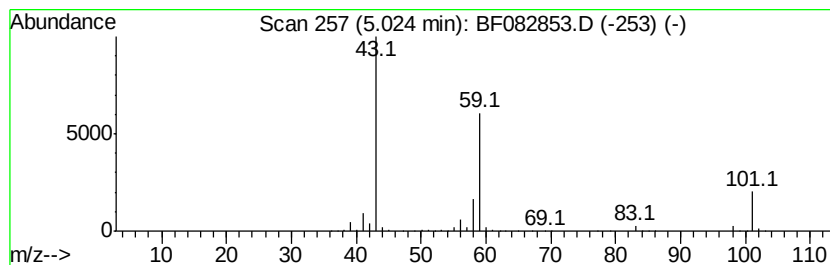
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	48.06 ng	3938900	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5		5-Hexen-2-one	98	C6H10O	000109-49-9	9



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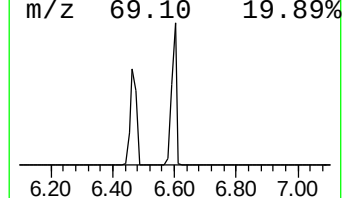
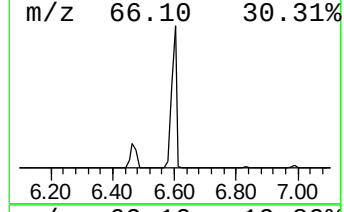
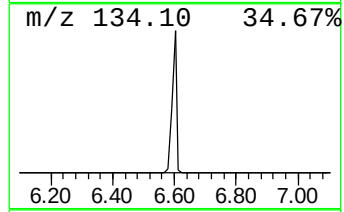
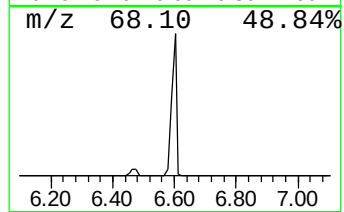
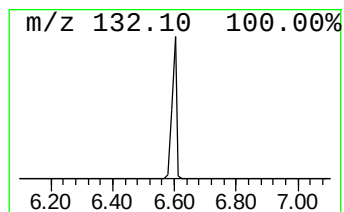
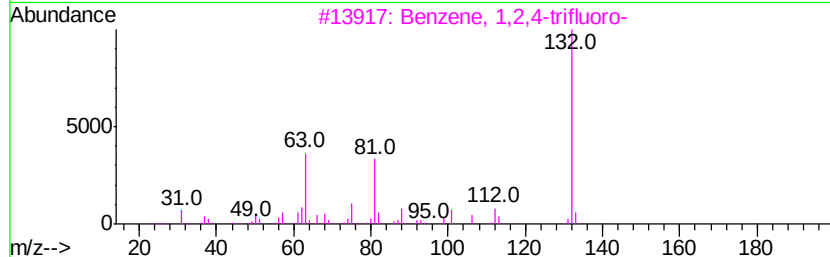
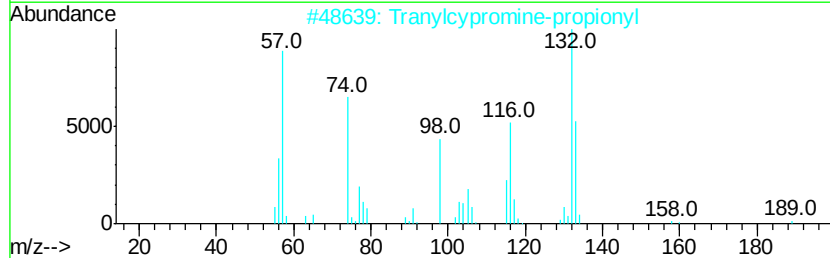
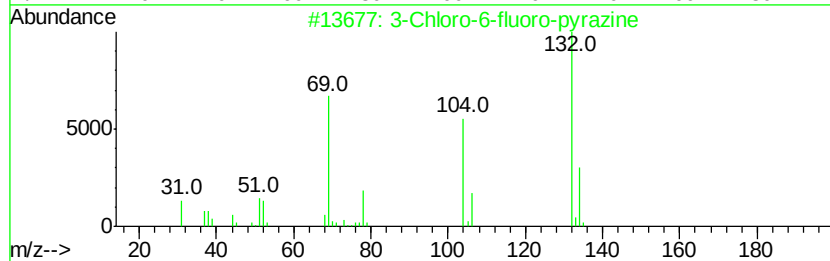
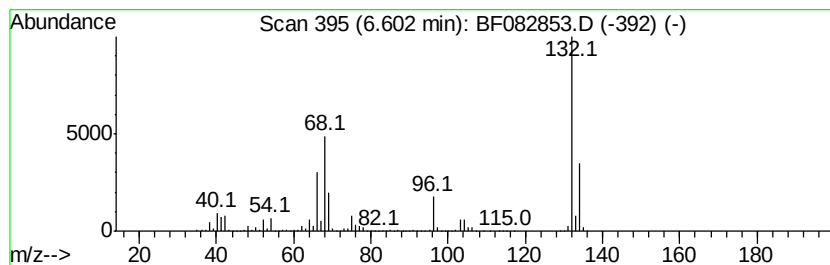
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	88.72 ng	7271460	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Tranlycypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5		Xenon	132	Xe	007440-63-3	9



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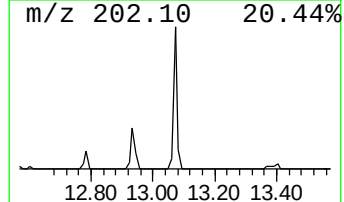
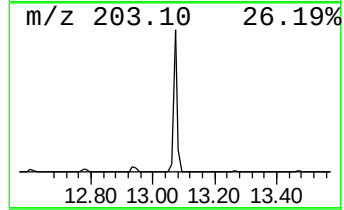
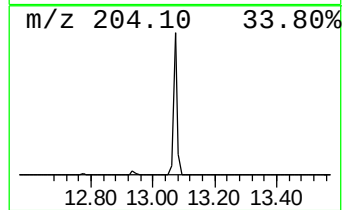
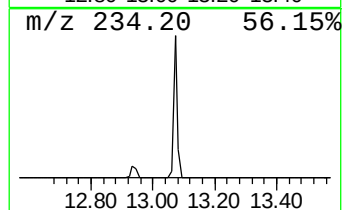
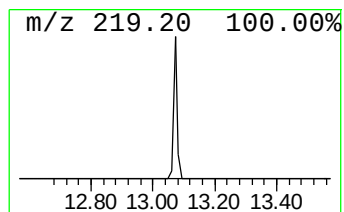
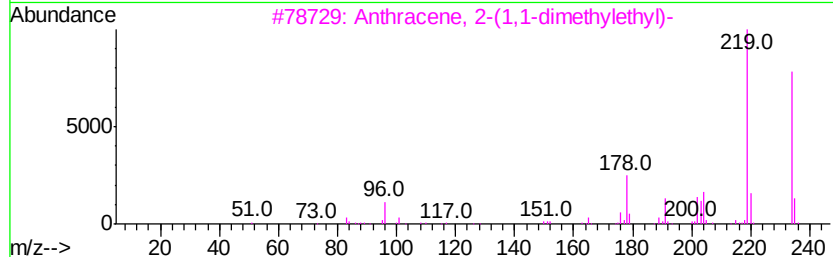
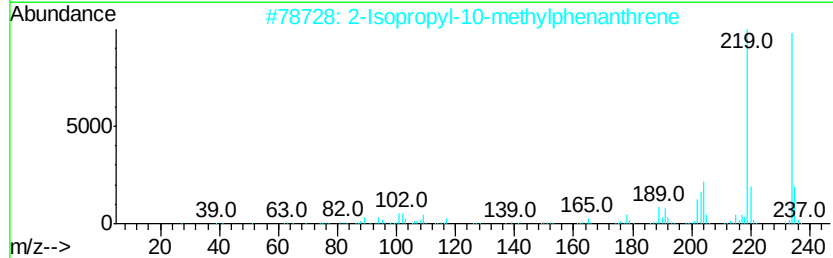
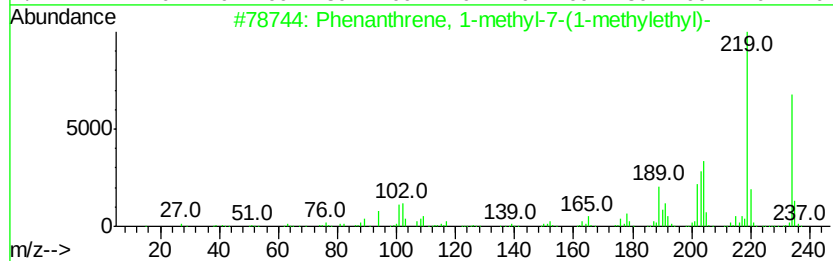
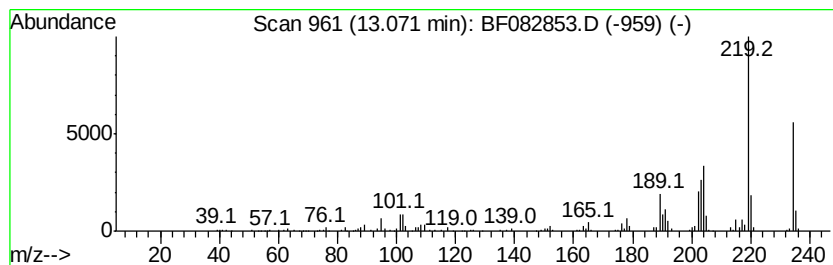
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Phenanthrene, 1-methyl-7-(1... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.07	3.12 ng	361711	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	99
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	95
3	Anthracene, 2-(1,1-dimethylethyl)-	234	C18H18	018801-00-8	64
4	2,5-Diphenyl-2,4-hexadiene	234	C18H18	016819-47-9	59
5	3,5-di-tert-Butyl-4-hydroxybenza...	234	C15H22O2	001620-98-0	50



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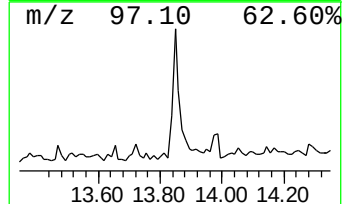
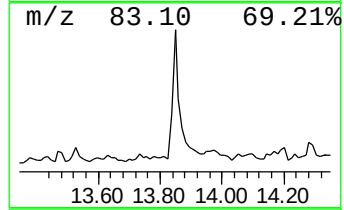
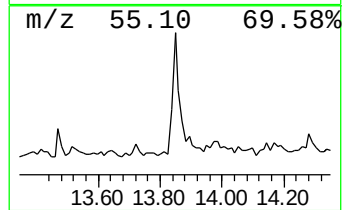
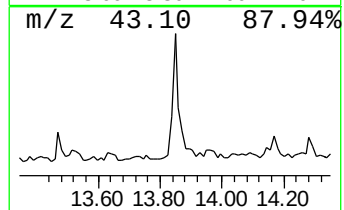
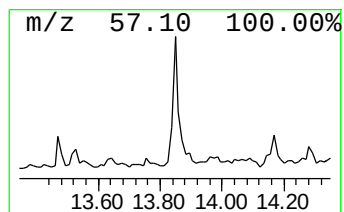
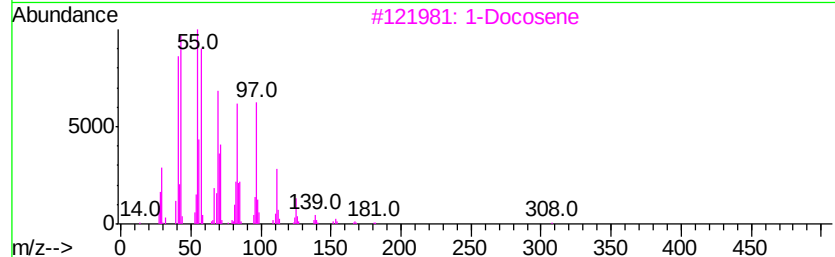
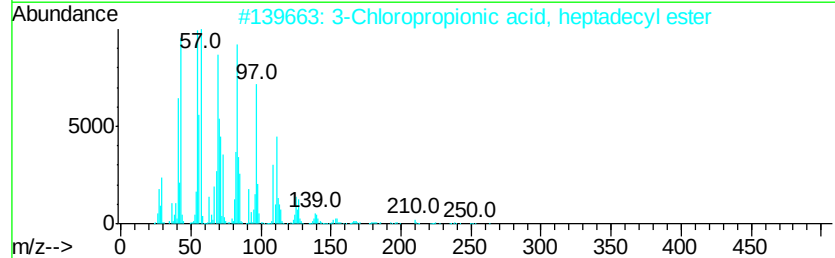
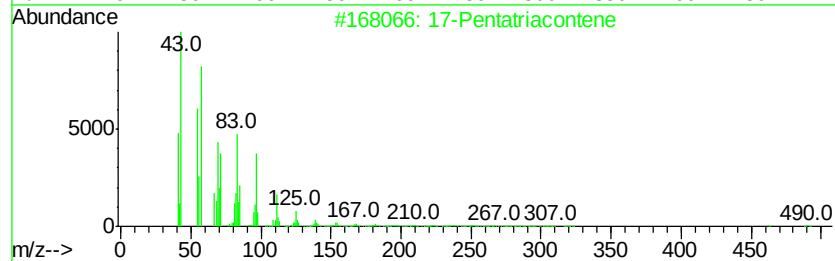
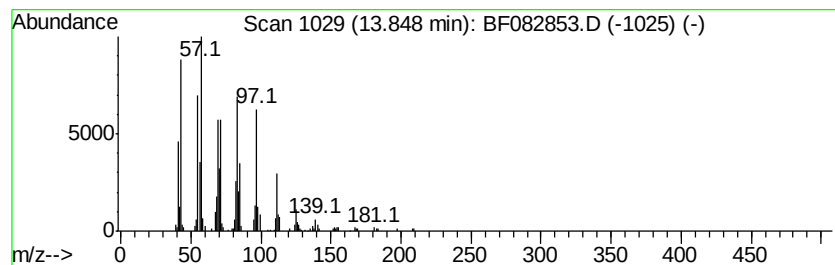
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.85	2.82 ng	326823	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	87
3	1-Docosene	308	C22H44	001599-67-3	83
4	1-Hexacosanol	382	C26H54O	000506-52-5	80
5	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	80



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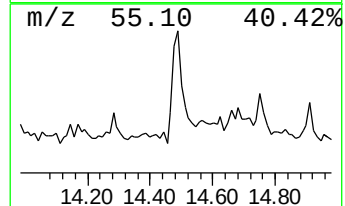
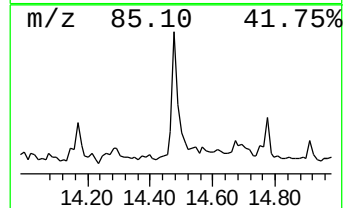
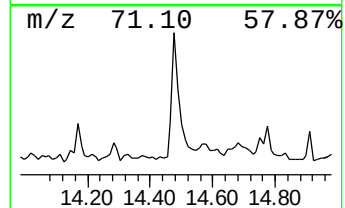
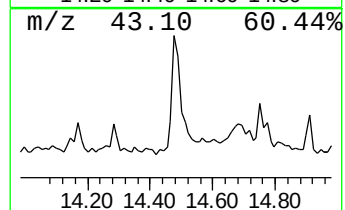
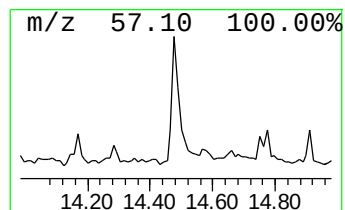
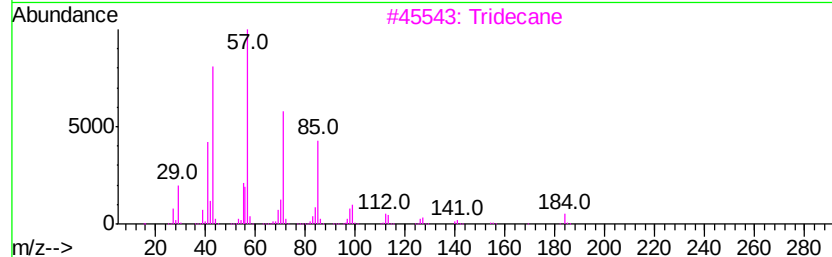
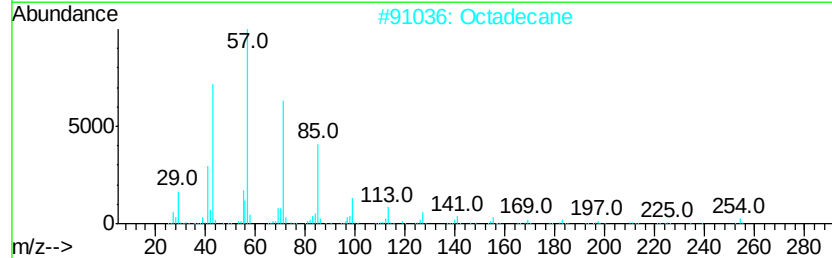
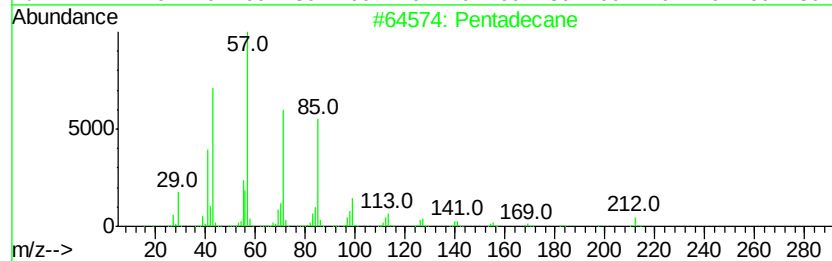
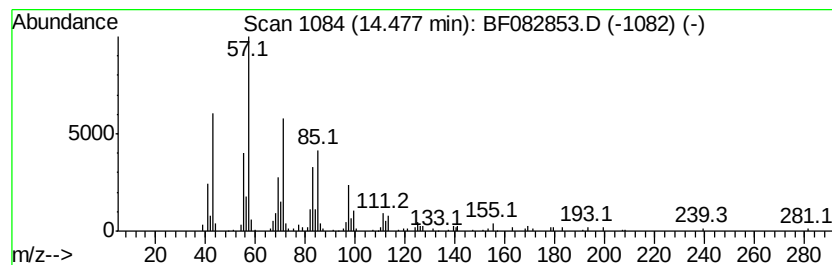
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.48	2.90 ng	335600	Chrysene-d12	13.99
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	62
2	Octadecane	254 C18H38	000593-45-3	52
3	Tridecane	184 C13H28	000629-50-5	52
4	Heptafluorobutyric acid, n-octad...	466 C22H37F7O2	000400-57-7	45
5	Trifluoroacetic acid, n-octadecy...	366 C20H37F3O2	079392-43-1	43



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T-4C

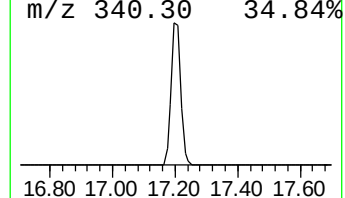
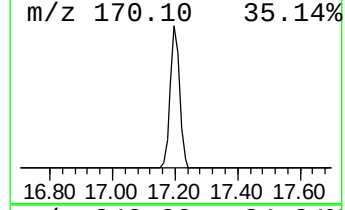
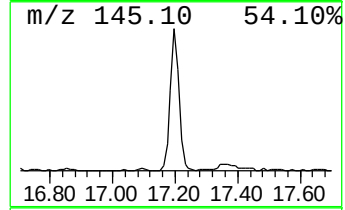
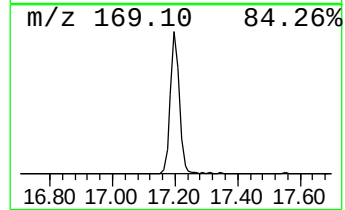
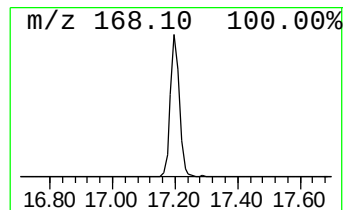
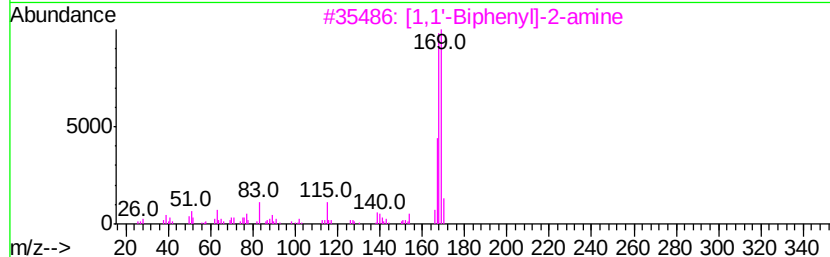
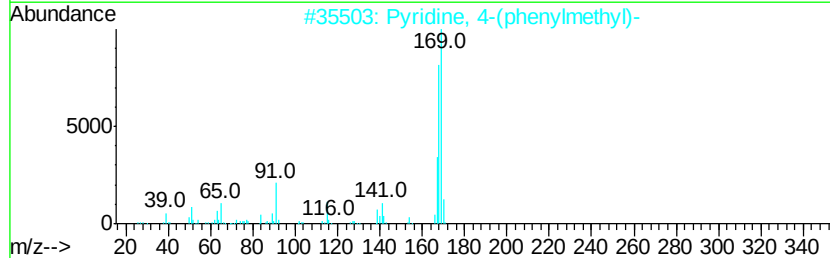
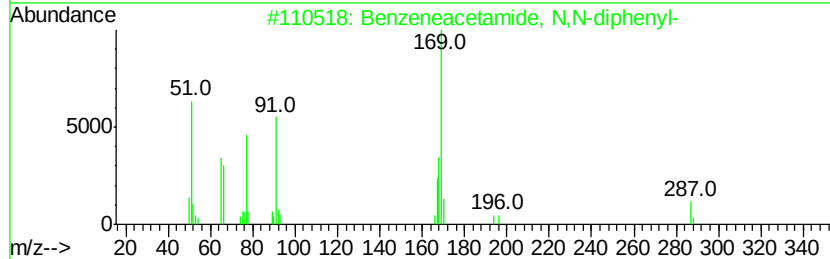
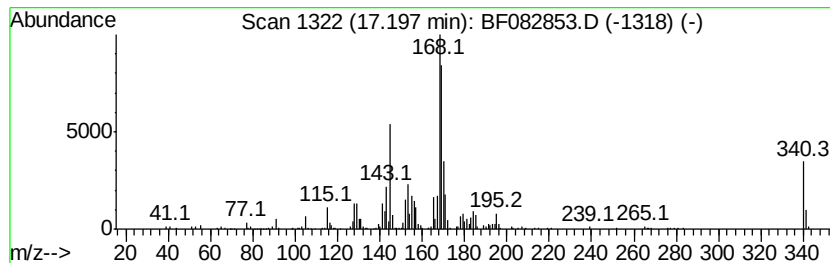
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown17.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	9.53 ng	832963	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzeneacetamide, N,N-diphenyl-	287	C20H17NO	033675-70-6	43
2		Pyridine, 4-(phenylmethyl)-	169	C12H11N	002116-65-6	43
3		[1,1'-Bi]phenyl-2-amine	169	C12H11N	000090-41-5	37
4		Pyridine, 3-(phenylmethyl)-	169	C12H11N	000620-95-1	37
5		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	30



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082853.D
Acq On : 10 Nov 2015 4:44
Operator : UM/IZ
Sample : G4286-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-4C

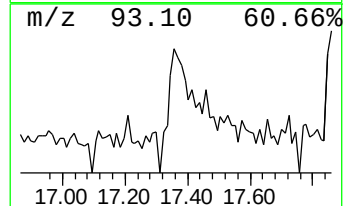
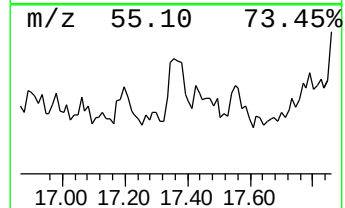
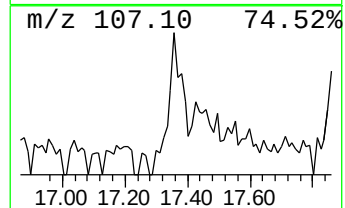
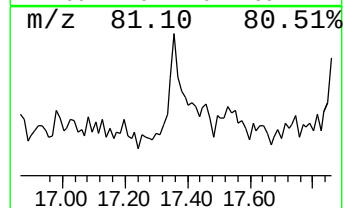
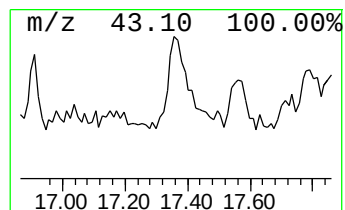
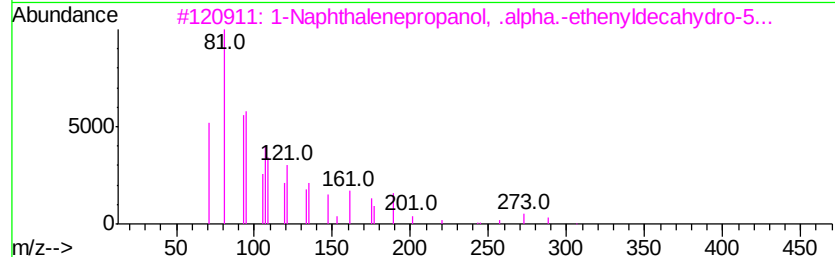
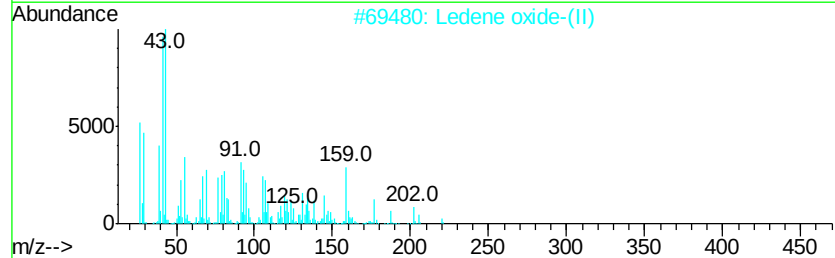
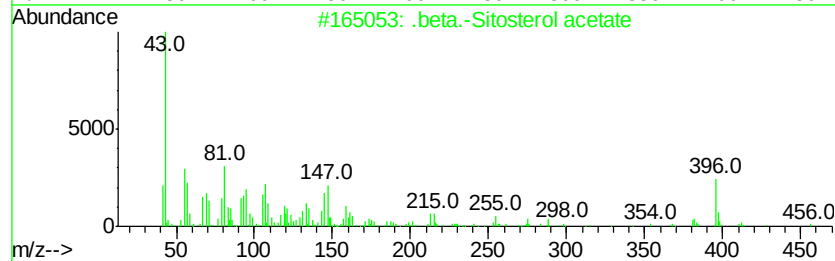
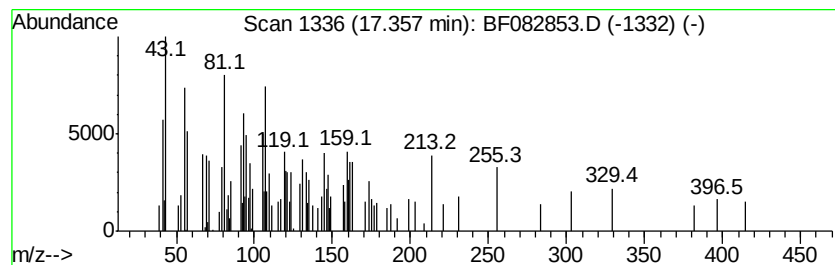
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown17.36 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.36	2.09 ng	182326	Perylene-d12	15.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	35
2		Ledene oxide-(II)	220	C15H24O	1000159-36-7	30
3		1-Naphthalenepropanol, .alpha.-e...	306	C20H34O2	004549-12-6	27
4		Cycloheptane, 4-methylene-1-meth...	204	C15H24	1000159-38-5	16
5		N-(2-Hydroxy-1-methylene-2-prop-...	191	C11H13NO2	1000194-35-2	15



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082853.D
Acq On : 10 Nov 2015 4:44
Operator : UM/IZ
Sample : G4286-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

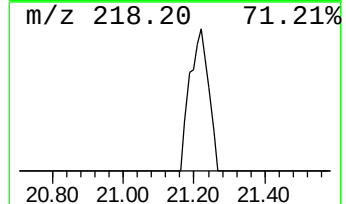
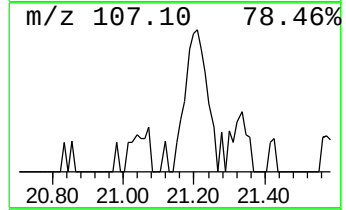
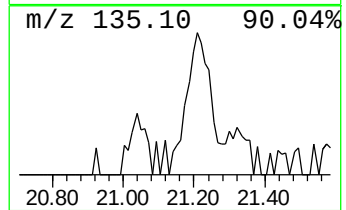
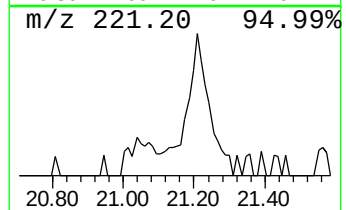
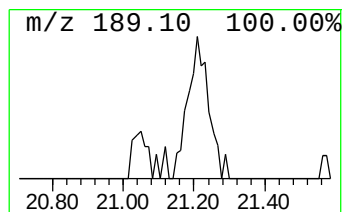
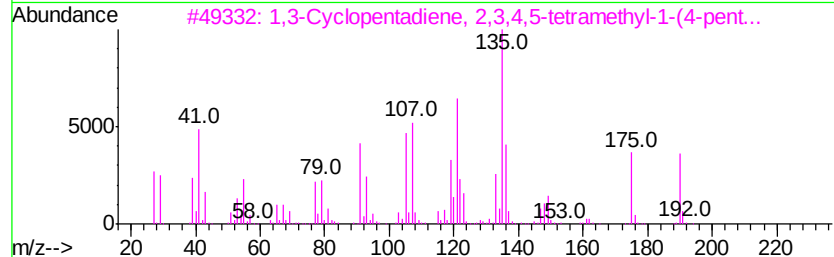
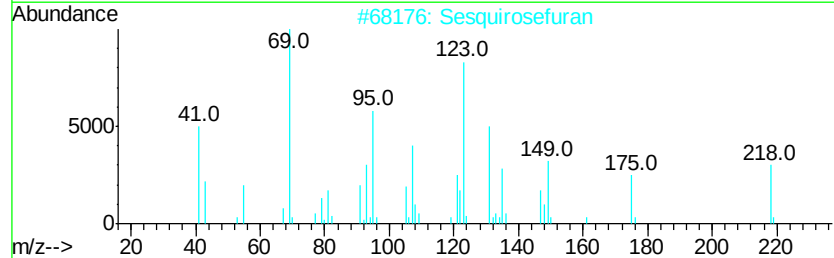
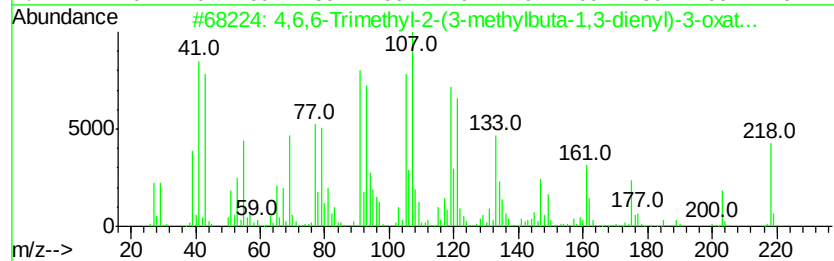
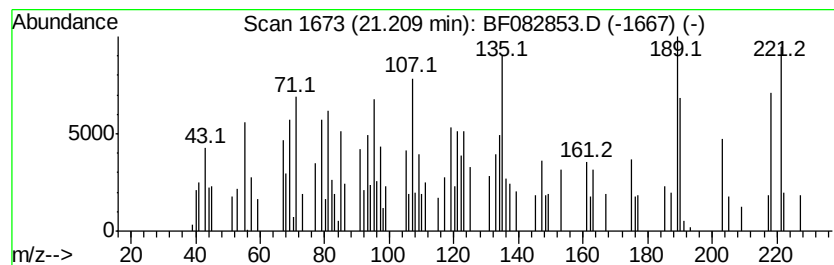
Instrument :
BNA_F
ClientSampled :
T-4C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4,6,6-Trimethyl-2-(3-methyl... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.21	2.24 ng	195636	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,6,6-Trimethyl-2-(3-methylbuta-...	218	C15H22O	1000190-22-2	93
2	Sesquirosefuran	218	C15H22O	039007-93-7	35
3	1,3-Cyclopentadiene, 2,3,4,5-tet...	190	C14H22	1000161-28-7	35
4	Boron, 1,5-cyclooctanediyl(2,4-p...	218	C13H23BN2	136704-99-9	27
5	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082853.D
Acq On : 10 Nov 2015 4:44
Operator : UM/IZ
Sample : G4286-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
T-4C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.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...	5.02	48.1	ng	3938900	1	6.83	1639240	20.0
unknown6.60	6.60	88.7	ng	7271460	1	6.83	1639240	20.0
Phenanthrene, 1-m...	13.07	3.1	ng	361711	5	13.99	2315100	20.0
17-Pentatriacontene	13.85	2.8	ng	326823	5	13.99	2315100	20.0
Pentadecane	14.48	2.9	ng	335600	5	13.99	2315100	20.0
unknown17.20	17.20	9.5	ng	832963	6	15.40	1748590	20.0
unknown17.36	17.36	2.1	ng	182326	6	15.40	1748590	20.0
4,6,6-Trimethyl-2...	21.21	2.2	ng	195636	6	15.40	1748590	20.0