

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
 Data File : BF078944.D
 Acq On : 5 May 2015 16:59
 Operator : TP/IZ
 Sample : G2032-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B5(5-8)

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-BF043015.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	1.518	26	29	32	rVB	6307830	7408110	100.00%	25.954%
2	1.656	37	41	44	rVB	176420	313704	4.23%	1.099%
3	1.770	49	51	55	rBV	97557	136748	1.85%	0.479%
4	1.838	55	57	61	rVB	225443	274816	3.71%	0.963%
5	1.907	61	63	81	rVB	408100	918354	12.40%	3.217%
6	5.164	346	348	354	rVB	182800	257276	3.47%	0.901%
7	5.656	388	391	393	rBV	1385670	1675922	22.62%	5.872%
8	6.902	498	500	503	rBV	1851336	1672109	22.57%	5.858%
9	7.062	512	514	517	rBV	1765635	1768612	23.87%	6.196%
10	7.359	537	540	542	rBV	433712	435951	5.88%	1.527%
11	7.542	554	556	559	rVB	1574696	1383304	18.67%	4.846%
12	8.045	597	600	602	rBV	1268411	1094469	14.77%	3.834%
13	8.936	675	678	680	rBV	479139	585015	7.90%	2.050%
14	10.274	793	795	798	rBV	1907802	2095432	28.29%	7.341%
15	10.776	837	839	842	rBV	135330	142432	1.92%	0.499%
16	11.108	866	868	871	rBV	709326	658954	8.90%	2.309%
17	12.091	951	954	956	rBV	1140319	1271414	17.16%	4.454%
18	12.959	1027	1030	1031	rBV	515684	691497	9.33%	2.423%
19	13.245	1053	1055	1058	rBV	91689	91554	1.24%	0.321%
20	14.743	1184	1186	1187	rBV	71781	78158	1.06%	0.274%
21	14.765	1187	1188	1190	rVB2	191042	250125	3.38%	0.876%
22	14.811	1190	1192	1196	rBV	416089	509313	6.88%	1.784%
23	14.948	1202	1204	1207	rBV	2084219	2425471	32.74%	8.498%
24	15.657	1264	1266	1269	rBV	174563	188595	2.55%	0.661%
25	16.126	1304	1307	1315	rBV	150938	267232	3.61%	0.936%
26	16.251	1315	1318	1320	rBV	665711	822772	11.11%	2.883%
27	16.548	1341	1344	1348	rVB	69966	80639	1.09%	0.283%
28	16.948	1377	1379	1384	rVB	53330	80047	1.08%	0.280%
29	17.349	1410	1414	1417	rBV2	52890	84029	1.13%	0.294%
30	17.749	1447	1449	1453	rBV	50277	79402	1.07%	0.278%
31	18.023	1470	1473	1476	rBV	612320	801725	10.82%	2.809%

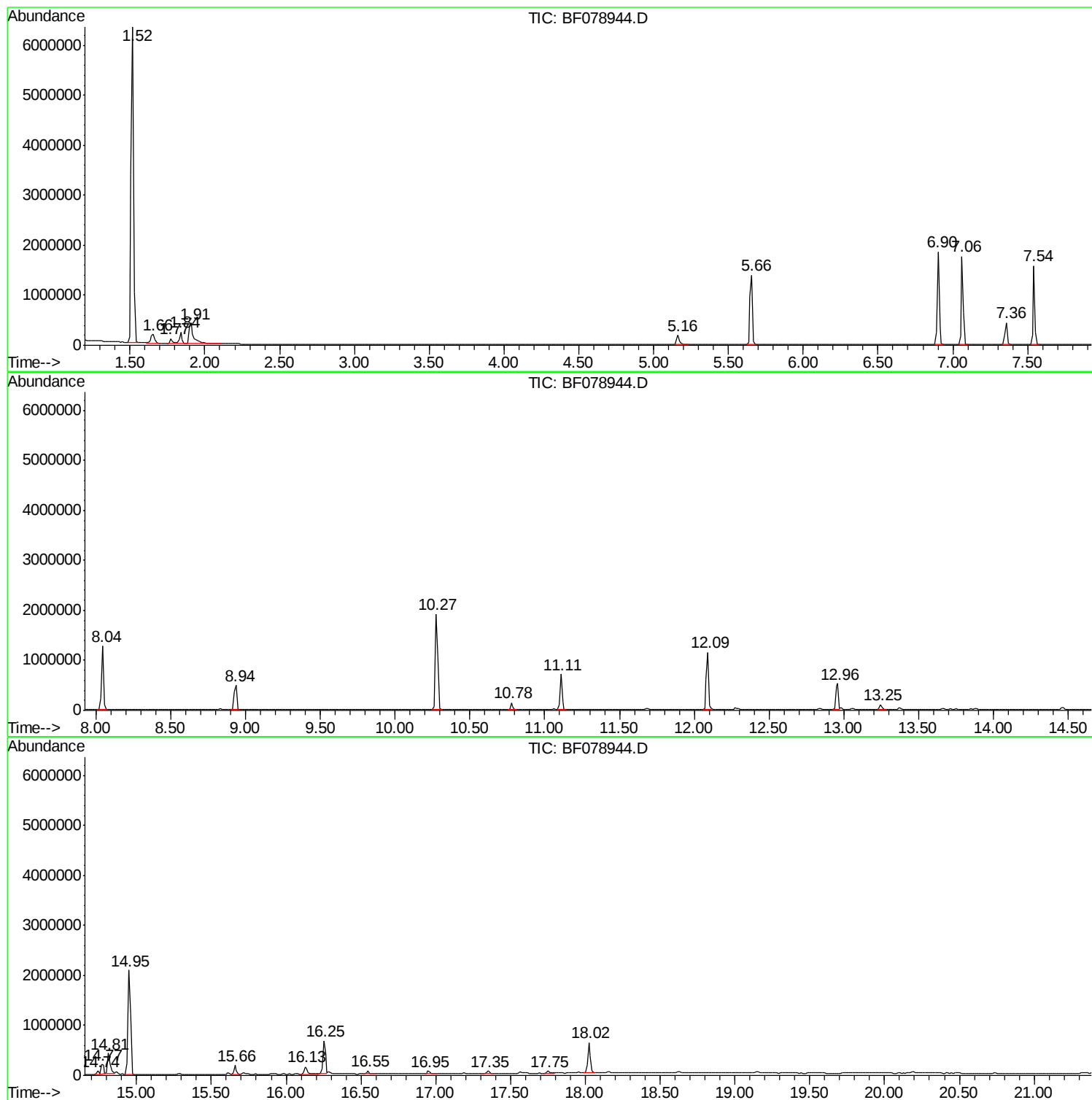
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B5(5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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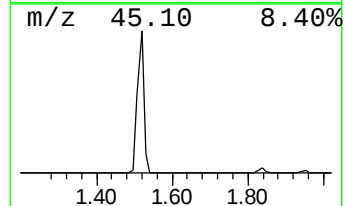
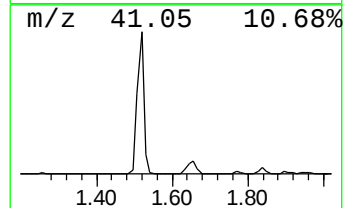
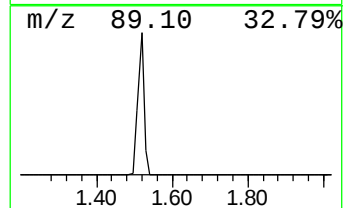
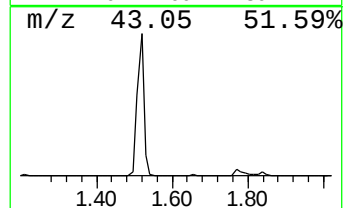
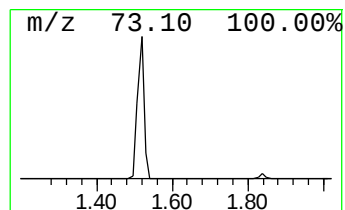
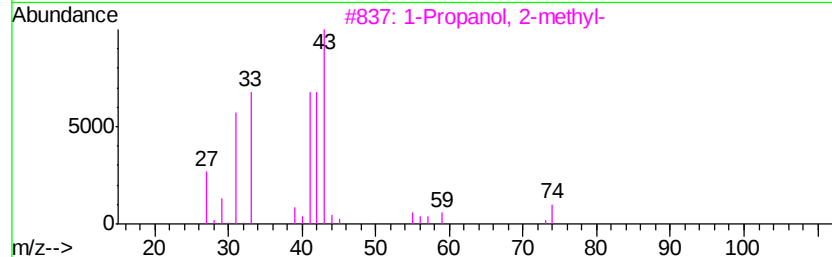
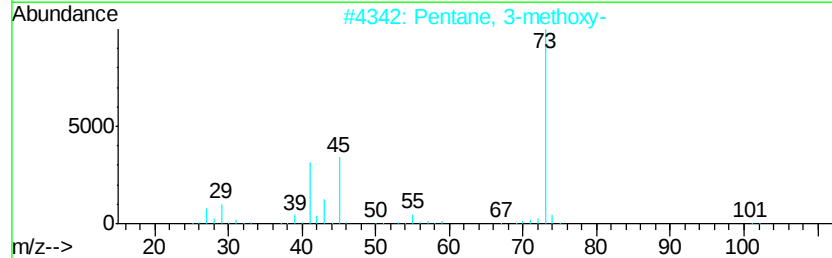
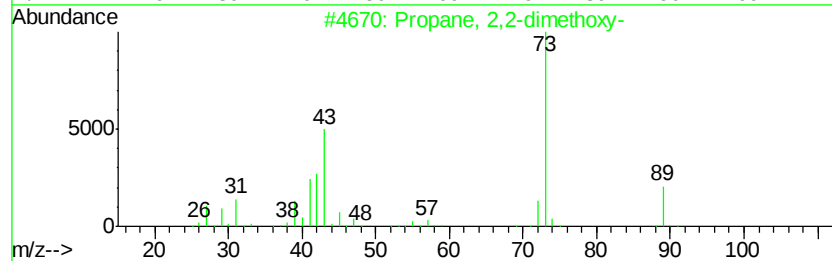
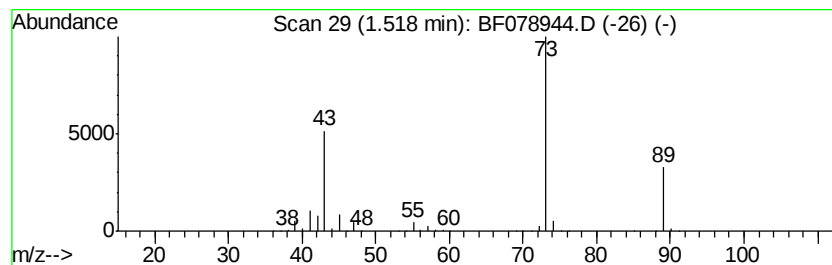
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown1.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.52	339.86 ng	7408110	1,4-Dichlorobenzene-d4	7.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
3			1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4			N-Ethylformamide	73	C3H7NO	000627-45-2	9
5			1,3-Diaminoguanidine	89	CH7N5	004364-78-7	9



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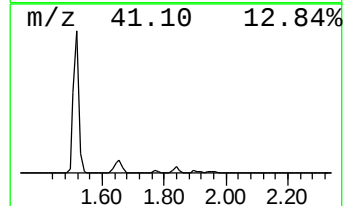
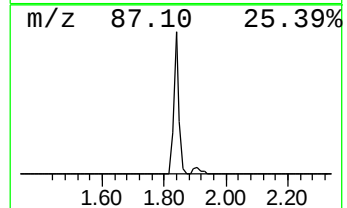
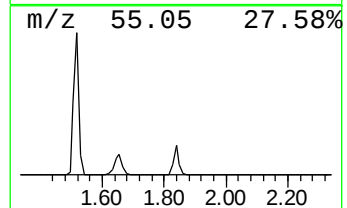
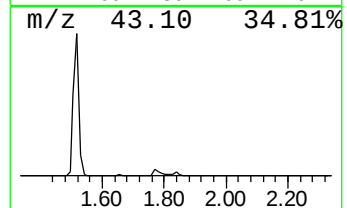
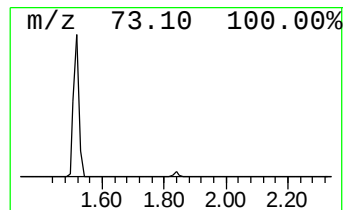
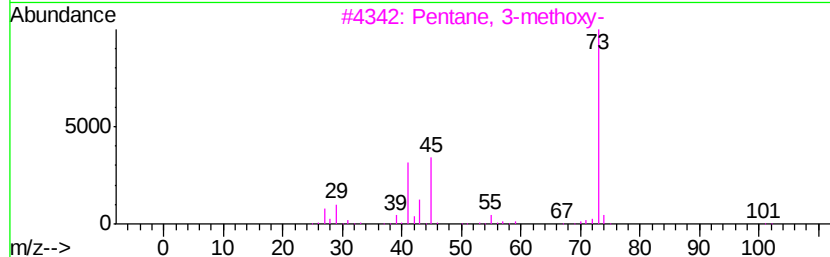
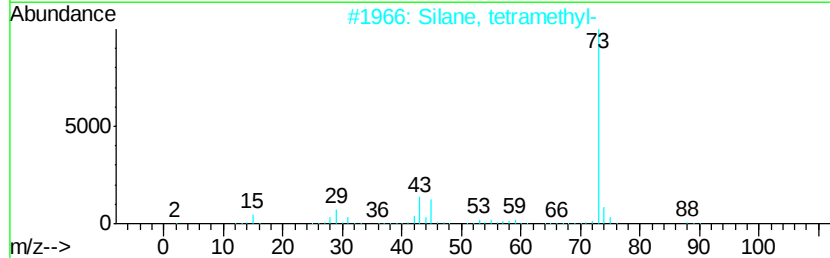
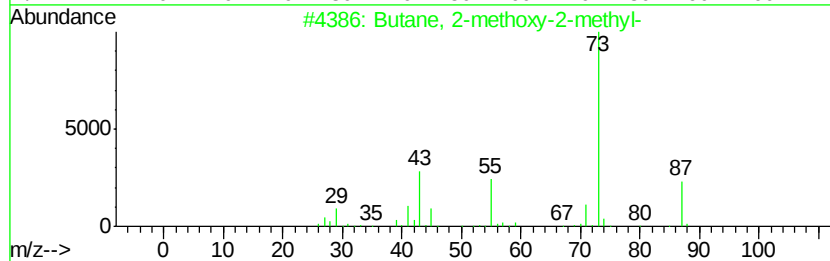
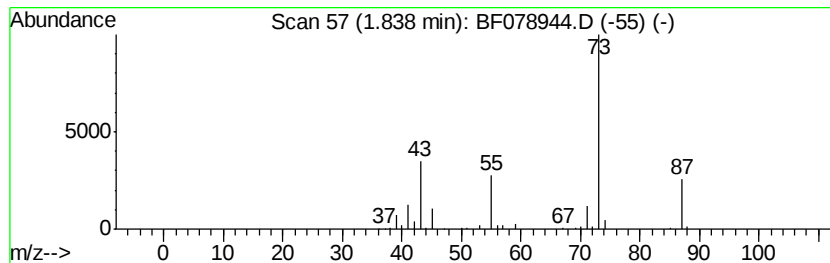
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Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.84	12.61 ng	274816	1,4-Dichlorobenzene-d4	7.36

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		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4		Borane, dimethoxy-	74	C2H7BO2	004542-61-4	9
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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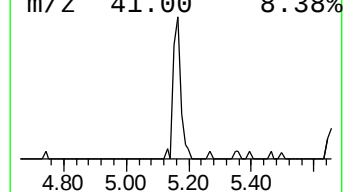
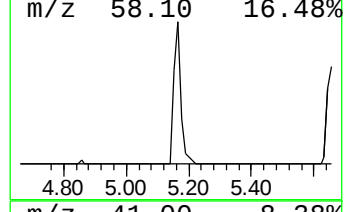
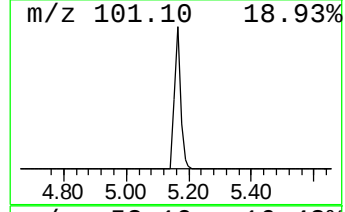
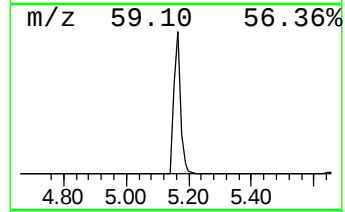
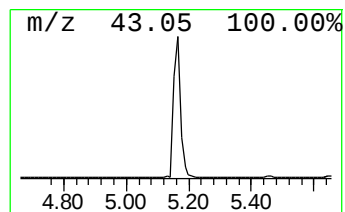
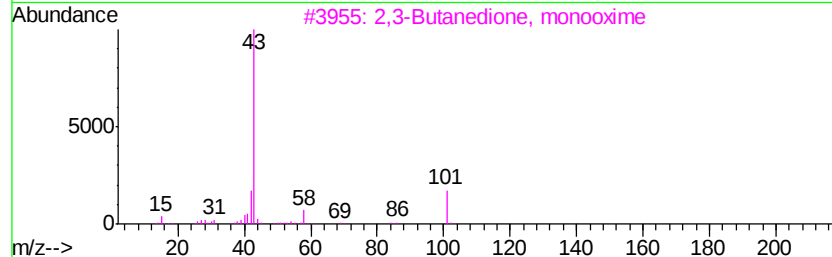
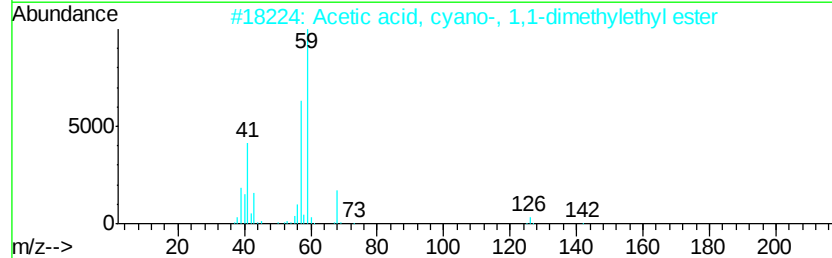
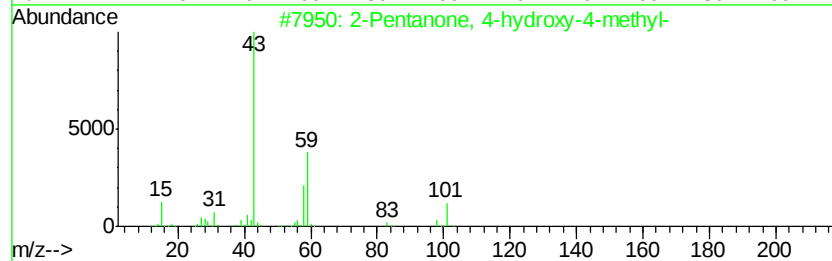
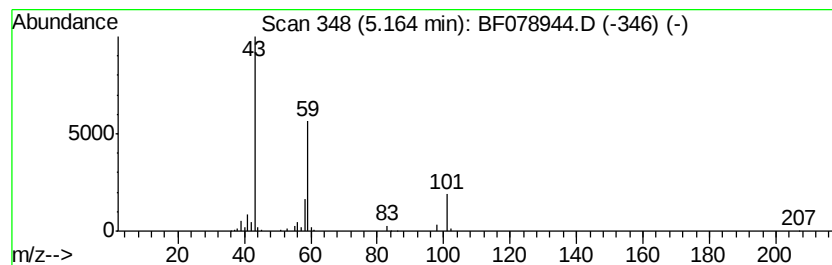
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Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	11.80 ng	257276	1,4-Dichlorobenzene-d4	7.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59	
2	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25	
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16	
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10	
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9	



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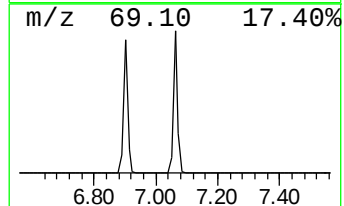
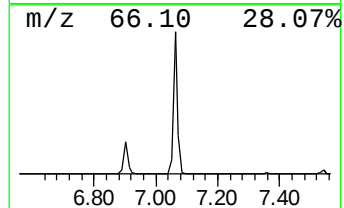
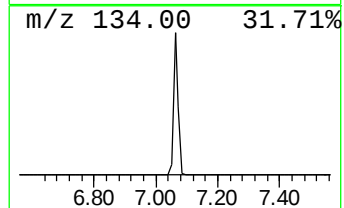
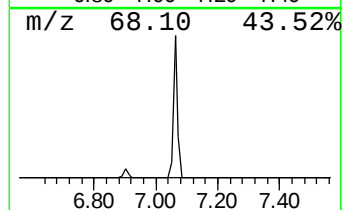
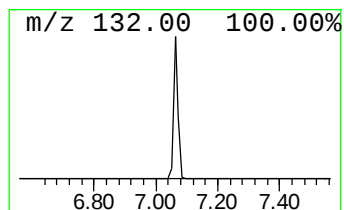
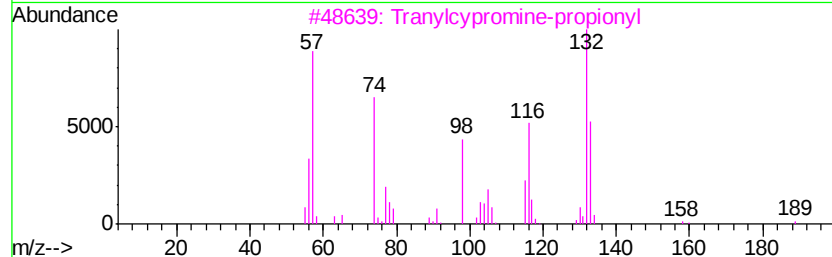
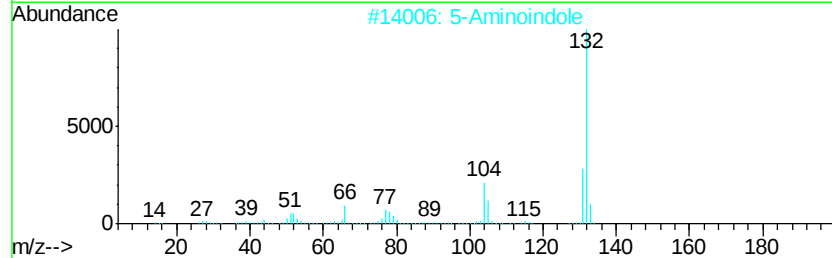
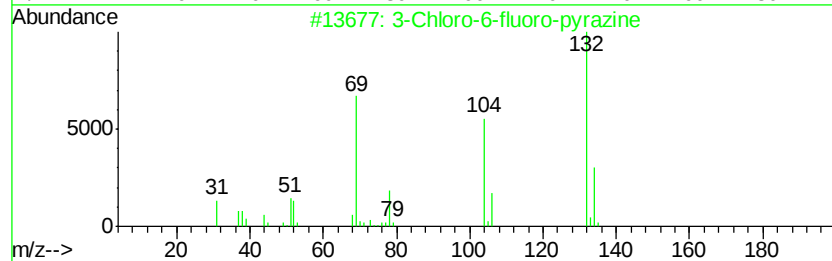
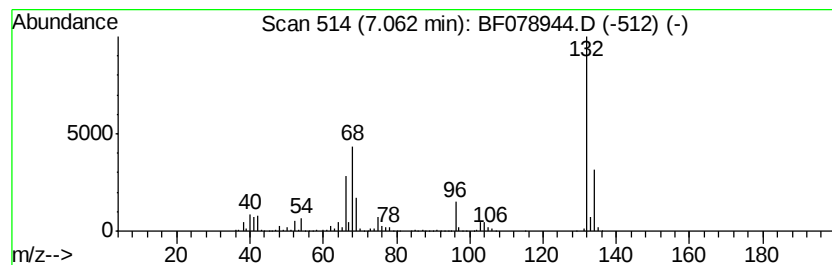
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 7 unknown7.06 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.06	81.14 ng	1768610	1,4-Dichlorobenzene-d4	7.36

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			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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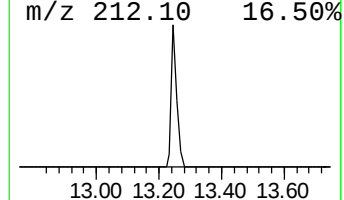
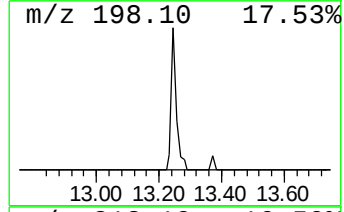
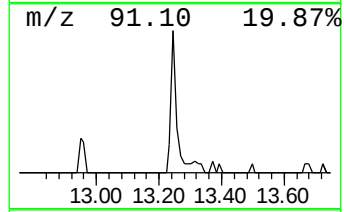
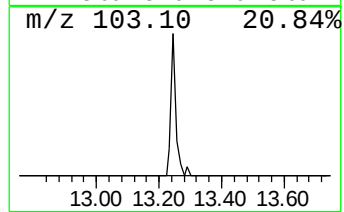
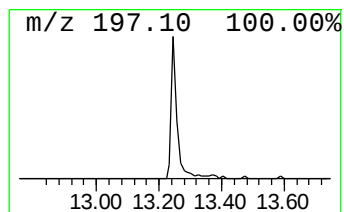
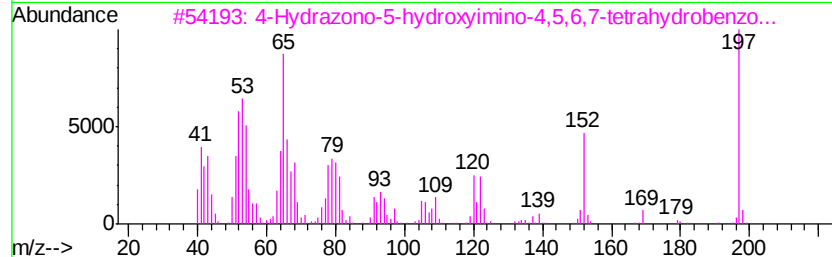
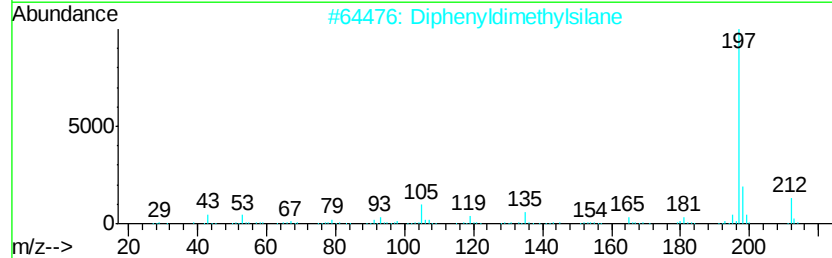
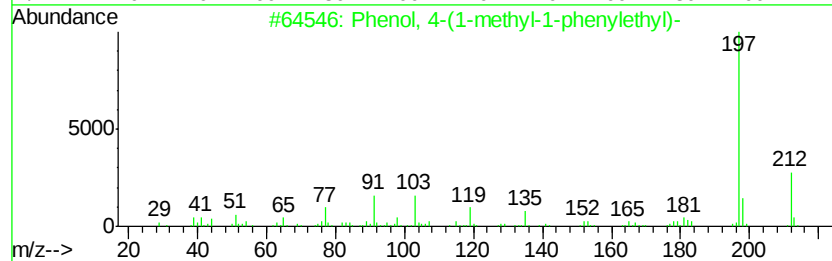
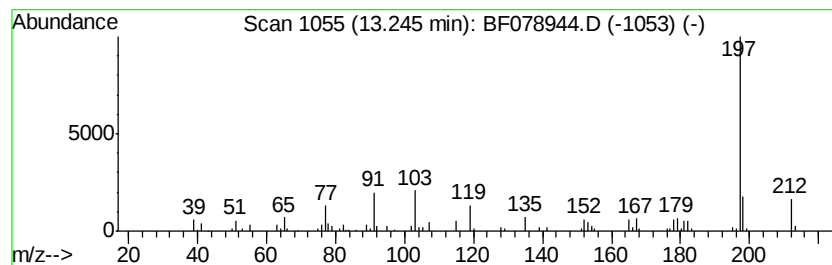
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Peak Number 9 Phenol, 4-(1-methyl-1-pheny... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.25	2.65 ng	91554	Phenanthrene-d10		12.96	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methyl-1-phenylethyl)-	212	C15H16O	000599-64-4	91	
2	Diphenyldimethylsilane	212	C14H16Si	000778-24-5	62	
3	4-Hydrazono-5-hydroxyimino-4,5,6...	197	C6H7N5O3	303194-86-7	55	
4	Benzo[d,Elisocoumarin, 3,3-dimet...	212	C14H12O2	005723-17-1	50	
5	Benzenamine, 4-methyl-2,6-dinitro-	197	C7H7N3O4	006393-42-6	47	



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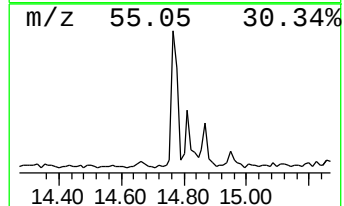
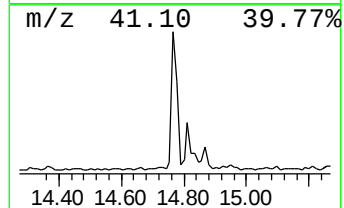
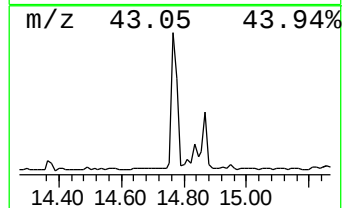
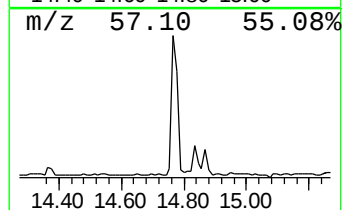
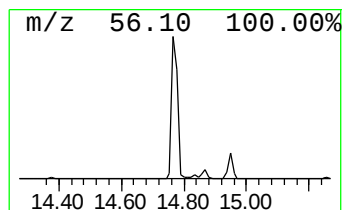
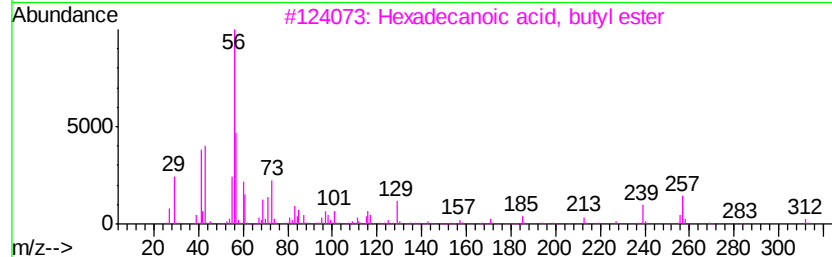
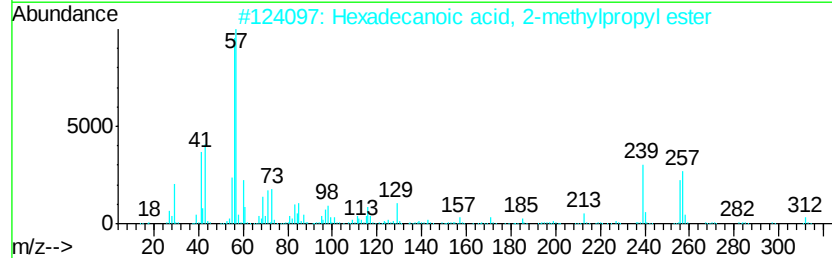
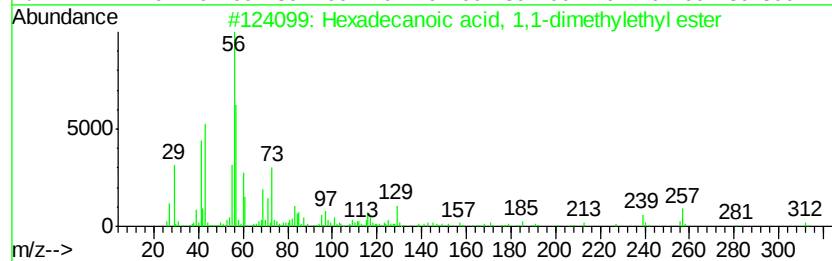
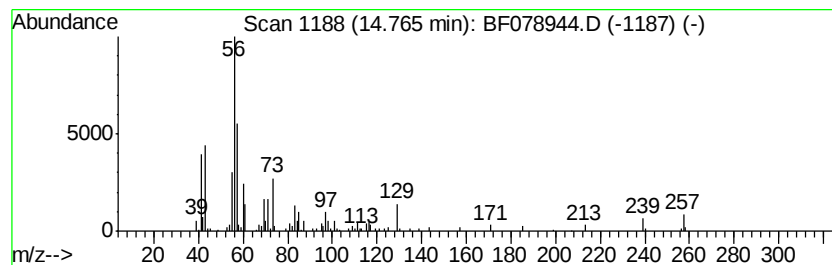
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, 1,1-dime... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	6.08 ng	250125	Chrysene-d12	16.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	70
2			Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	56
3			Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	43
4			Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	040482-05-1	43
5			Cyclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078944.D
Acq On : 5 May 2015 16:59
Operator : TP/IZ
Sample : G2032-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B5(5-8)

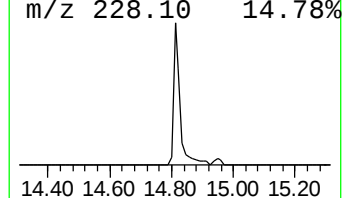
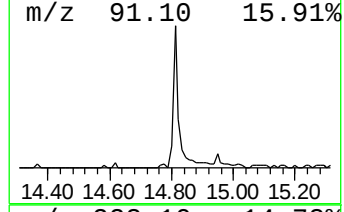
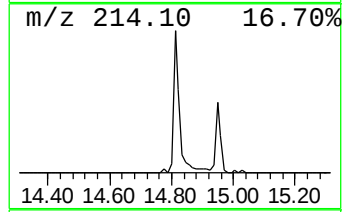
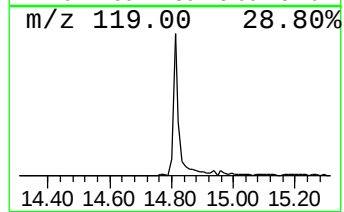
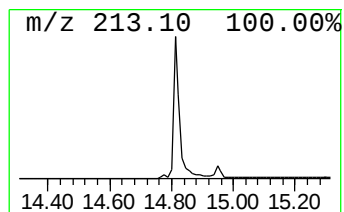
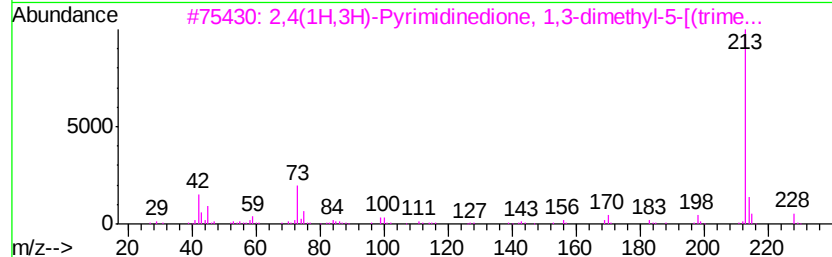
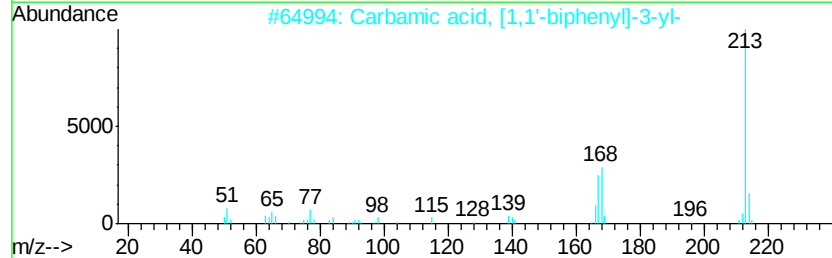
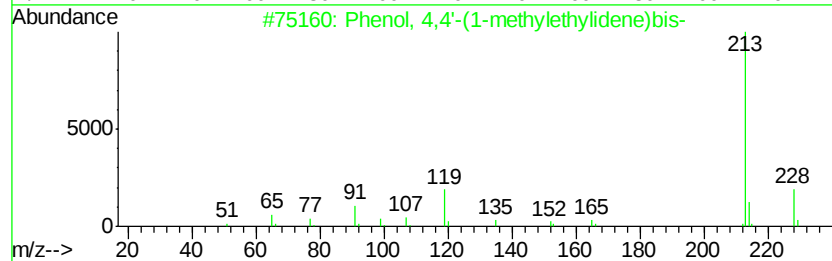
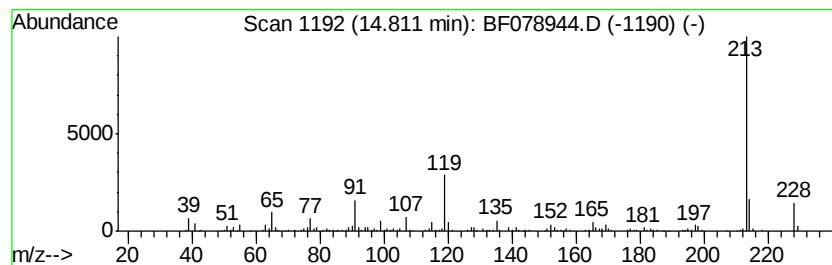
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Phenol, 4,4'-(1-methylethyl... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	12.38 ng	509313	Chrysene-d12	16.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenol, 4,4'-(1-methylethylidene)bis-	228	C15H16O2	000080-05-7	97
2		Carbamic acid, [1,1'-biphenyl]-3-yl-	213	C13H11NO2	055030-29-0	49
3		2,4(1H,3H)-Pyrimidinedione, 1,3-dimethyl-5-[(trime...	228	C9H16N2O3Si	089447-84-7	42
4		1,4-Puran, 5,6-dihydro-3-[3-indolyl]-	213	C14H15NO	1000128-72-9	40
5		Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	40



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078944.D
Acq On : 5 May 2015 16:59
Operator : TP/IZ
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Misc :
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ClientSampleId :
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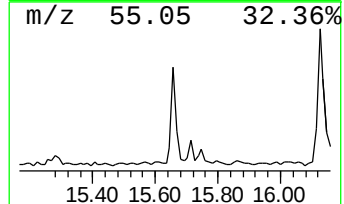
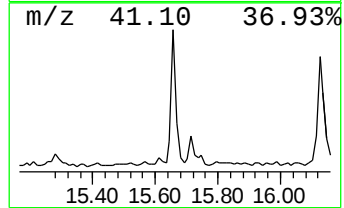
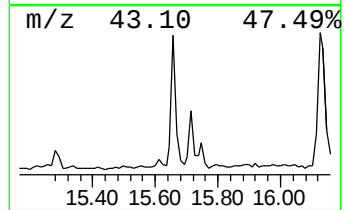
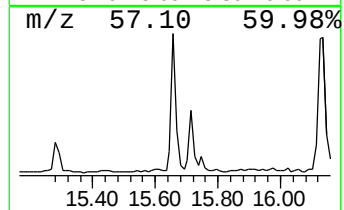
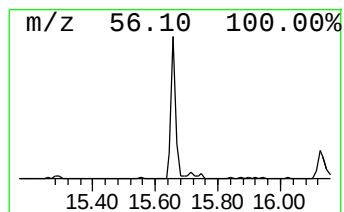
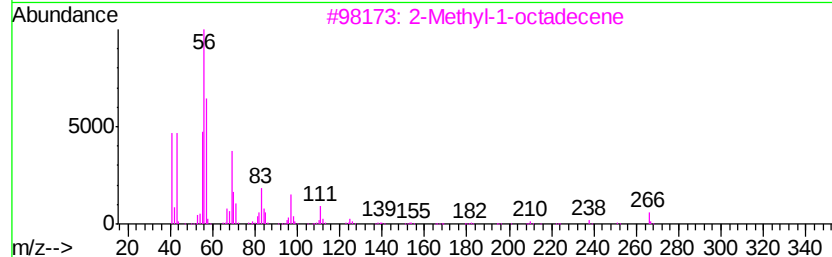
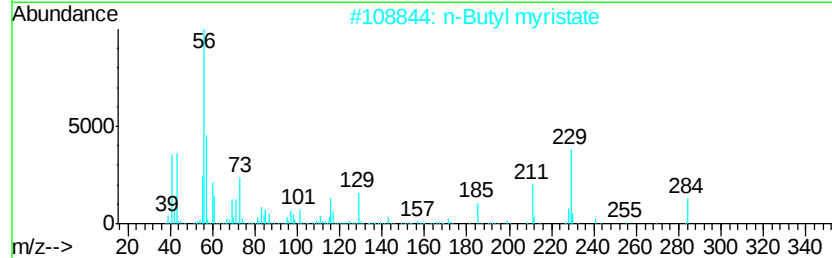
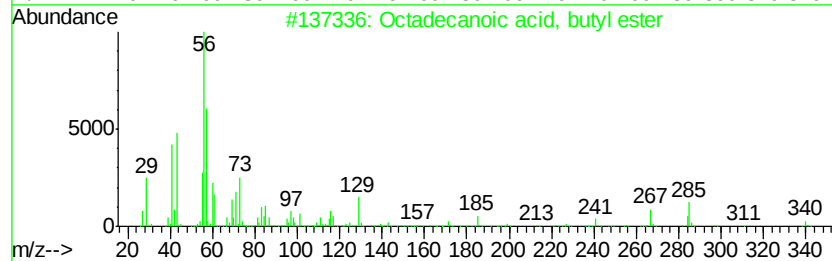
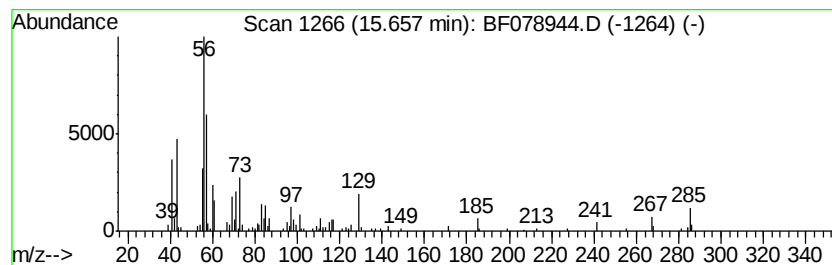
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Octadecanoic acid, butyl ester Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	4.58 ng	188595	Chrysene-d12	16.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2			n-Butyl myristate	284	C18H36O2	000110-36-1	72
3			2-Methyl-1-octadecene	266	C19H38	061868-20-0	38
4			2-Methyl-n-1-tridecene	196	C14H28	018094-01-4	35
5			Pentadecane, 8-methylene-	224	C16H32	055668-09-2	32



Data Path : Z:\HPCHEM1\BNA F\DATA\BF050515\
Data File : BF078944.D
Acq On : 5 May 2015 16:59
Operator : TP/IZ
Sample : G2032-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B5(5-8)

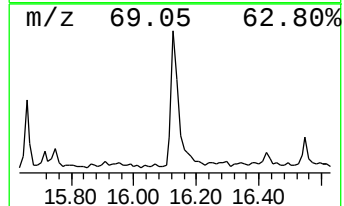
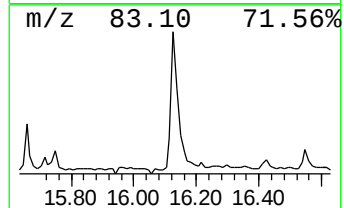
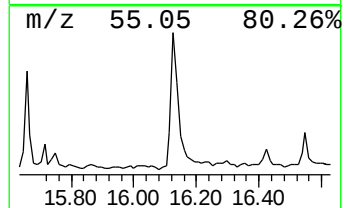
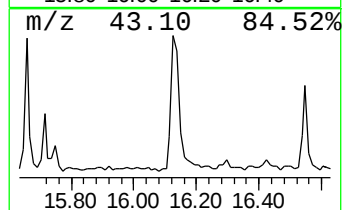
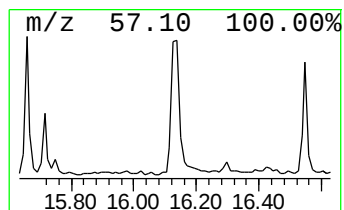
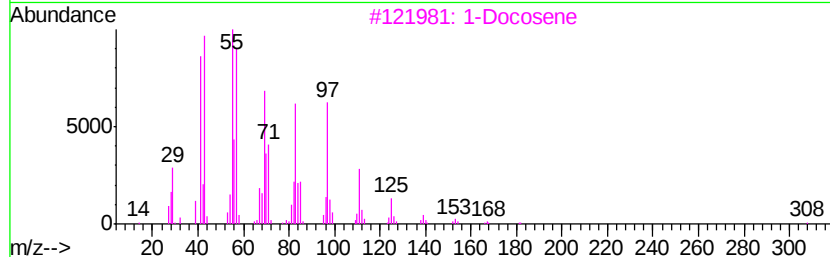
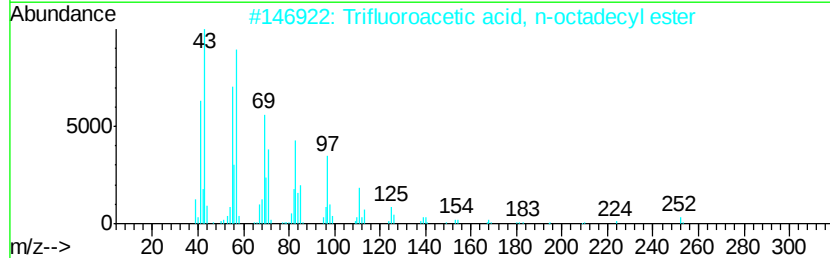
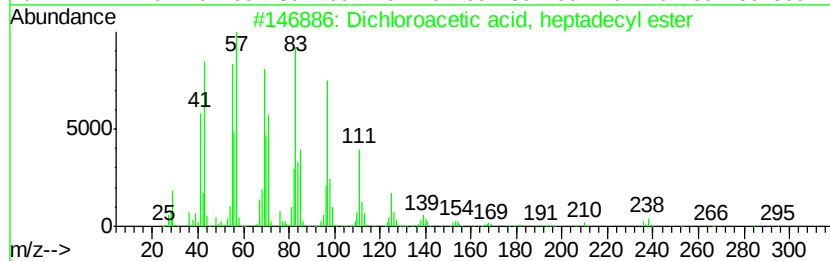
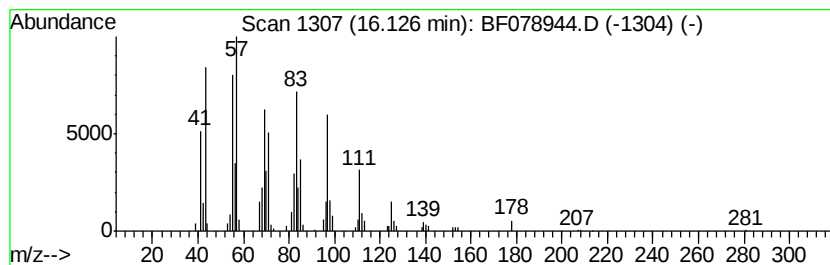
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Dichloroacetic acid, heptad... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.50 ng	267232	Chrysene-d12	16.25

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2			Trifluoroacetic acid, n-octadecyl...	366	C20H37F3O2	079392-43-1	91
3			1-Docosene	308	C22H44	001599-67-3	91
4			1-Hexadecanesulfonyl chloride	324	C16H33ClO2S	038775-38-1	91
5			Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078944.D
Acq On : 5 May 2015 16:59
Operator : TP/IZ
Sample : G2032-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B5(5-8)

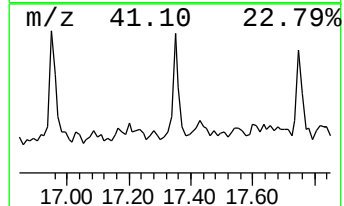
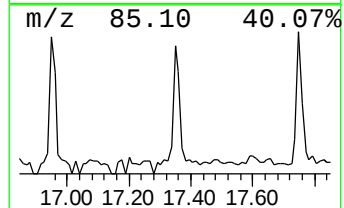
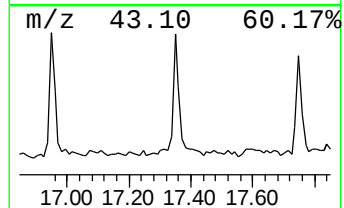
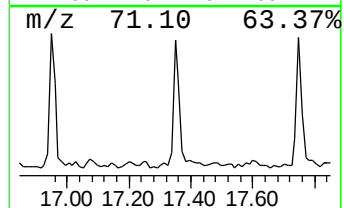
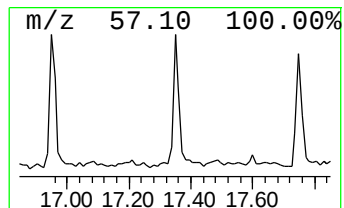
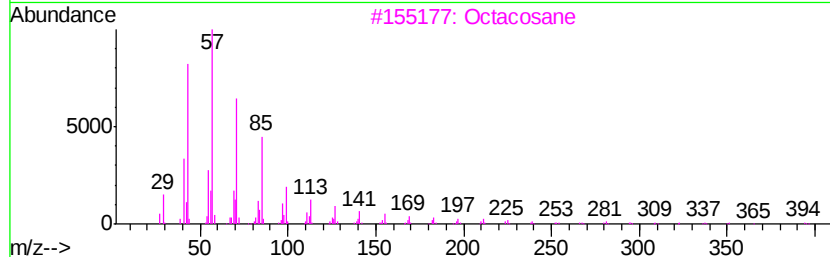
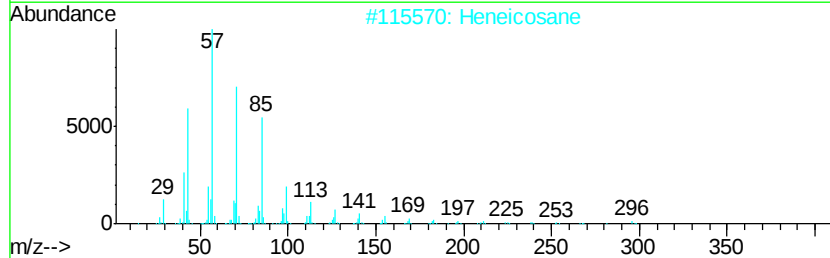
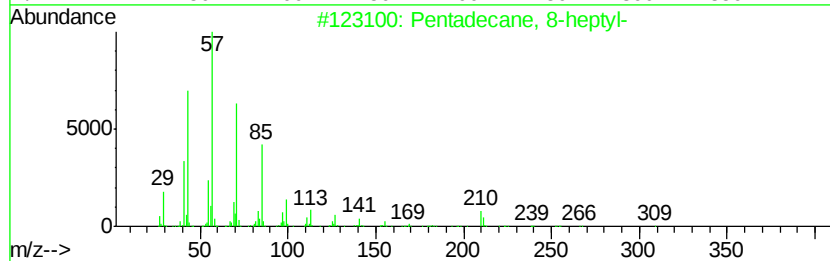
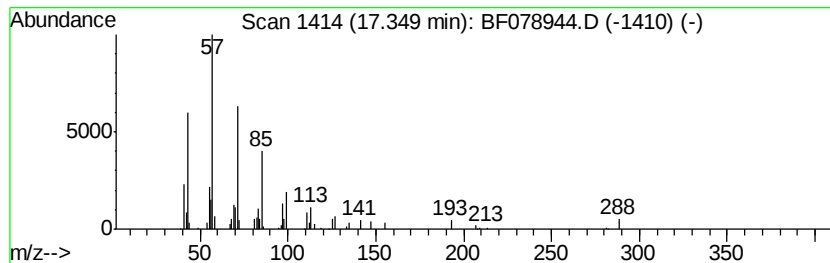
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 8-heptyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.35	2.10 ng	84029	Perylene-d12	18.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 8-heptyl-	310	C22H46	071005-15-7	86
2		Heneicosane	296	C21H44	000629-94-7	83
3		Octacosane	394	C28H58	000630-02-4	80
4		Hentriacontane	437	C31H64	000630-04-6	80
5		Tritetracontane	605	C43H88	007098-21-7	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050515\
Data File : BF078944.D
Acq On : 5 May 2015 16:59
Operator : TP/IZ
Sample : G2032-10
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B5(5-8)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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Butane, 2-methoxy...	1.84	12.6	ng	274816	1	7.36	435951	20.0
2-Pentanone, 4-hy...	5.16	11.8	ng	257276	1	7.36	435951	20.0
unknown7.06	7.06	81.1	ng	1768610	1	7.36	435951	20.0
Phenol, 4-(1-meth...	13.25	2.6	ng	91554	4	12.96	691497	20.0
Hexadecanoic acid...	14.77	6.1	ng	250125	5	16.25	822772	20.0
Phenol, 4,4'-(1-m...	14.81	12.4	ng	509313	5	16.25	822772	20.0
Octadecanoic acid...	15.66	4.6	ng	188595	5	16.25	822772	20.0
Dichloroacetic ac...	16.13	6.5	ng	267232	5	16.25	822772	20.0
Pentadecane, 8-he...	17.35	2.1	ng	84029	6	18.02	801725	20.0