

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
 Data File : BF088917.D
 Acq On : 11 Jul 2016 23:47
 Operator : UM/SJ
 Sample : H3921-20
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 07-B3(0-11)C

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-BF063016.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	1.678	7	8	17	rVV	114840	190001	7.71%	1.325%
2	1.804	17	19	41	rVB	1157414	2463854	100.00%	17.177%
3	4.856	284	286	291	rBB	50164	67700	2.75%	0.472%
4	5.301	323	325	328	rBV	1179389	1091139	44.29%	7.607%
5	6.353	414	417	419	rBV	1147987	1074937	43.63%	7.494%
6	6.479	426	428	430	rBV	1375830	1191888	48.37%	8.310%
7	6.707	446	448	450	rBV	379475	364947	14.81%	2.544%
8	6.867	459	462	464	rBB	1142259	942449	38.25%	6.571%
9	7.279	495	498	500	rBV	820528	812997	33.00%	5.668%
10	7.999	558	561	563	rBV	549373	488188	19.81%	3.404%
11	9.073	652	655	657	rBV	1580247	1290366	52.37%	8.996%
12	9.473	688	690	692	rBV	89525	123568	5.02%	0.861%
13	9.748	711	714	716	rBV	466881	443320	17.99%	3.091%
14	10.525	780	782	785	rBV	644330	589814	23.94%	4.112%
15	10.662	792	794	799	rVB	24834	28469	1.16%	0.198%
16	11.222	840	843	844	rBV	383664	371399	15.07%	2.589%
17	12.422	946	948	950	rBV	88188	72640	2.95%	0.506%
18	12.651	965	968	969	rBV	70240	79748	3.24%	0.556%
19	12.685	969	971	979	rVV	166783	216936	8.80%	1.512%
20	12.799	979	981	984	rVB	970567	930257	37.76%	6.486%
21	13.508	1038	1043	1044	rBV3	11590	28401	1.15%	0.198%
22	13.702	1058	1060	1064	rBV2	57343	98176	3.98%	0.684%
23	13.839	1069	1072	1078	rVV	424956	510793	20.73%	3.561%
24	14.354	1114	1117	1120	rBV2	56572	117617	4.77%	0.820%
25	14.754	1151	1152	1154	rBV	49852	50724	2.06%	0.354%
26	14.834	1157	1159	1163	rBV	46370	103349	4.19%	0.721%
27	14.960	1167	1170	1172	rVB2	47122	93717	3.80%	0.653%
28	15.108	1181	1183	1185	rVB	43127	55029	2.23%	0.384%
29	15.154	1185	1187	1189	rBV	30490	45854	1.86%	0.320%
30	15.222	1190	1193	1195	rBV	222402	286199	11.62%	1.995%
31	18.331	1461	1465	1471	rVB	39944	119097	4.83%	0.830%

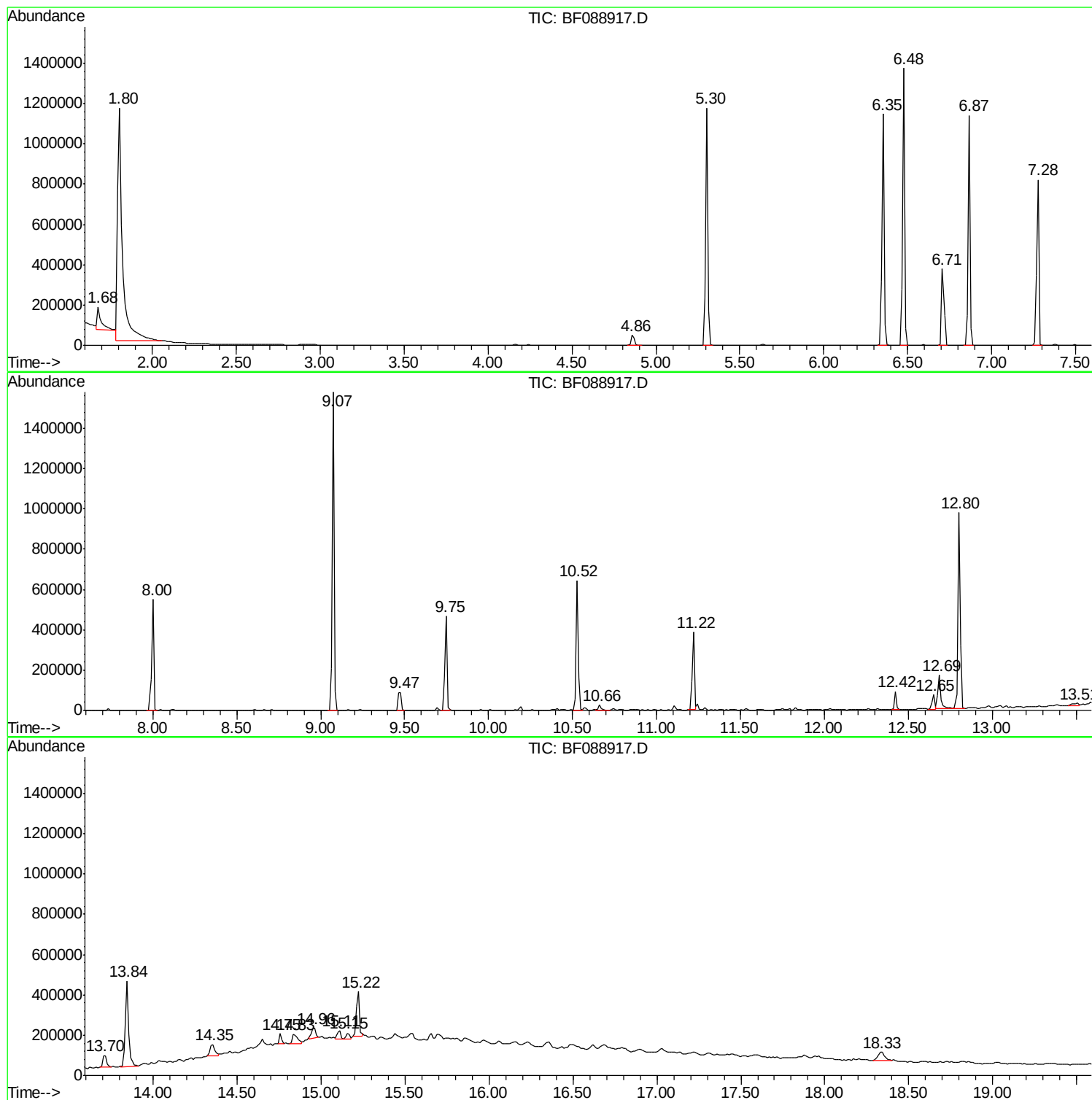
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Instrument :
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ClientSampleId :
07-B3(0-11)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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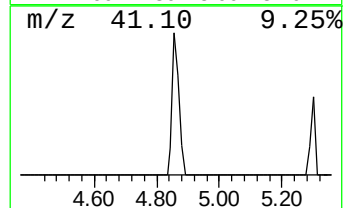
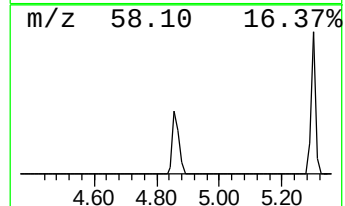
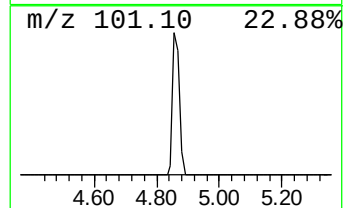
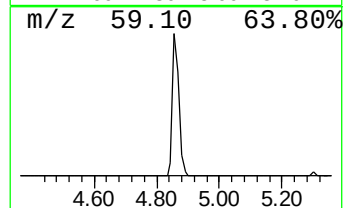
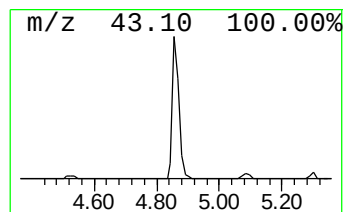
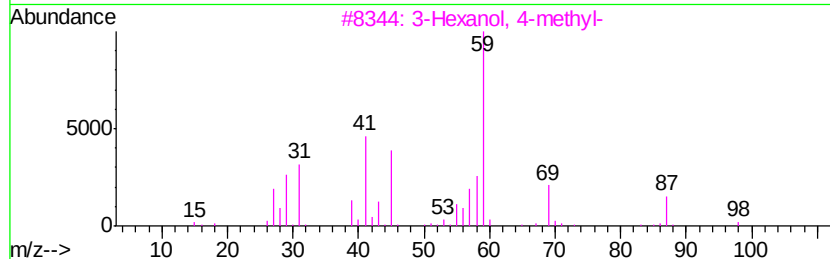
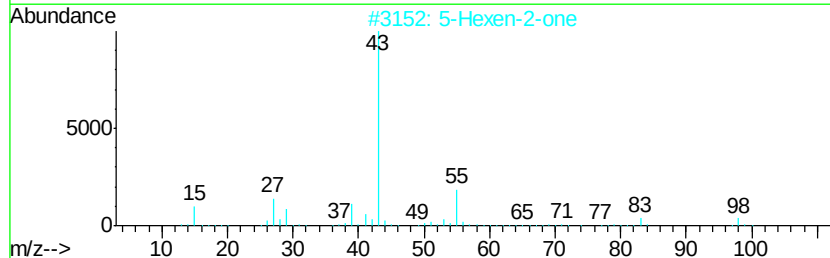
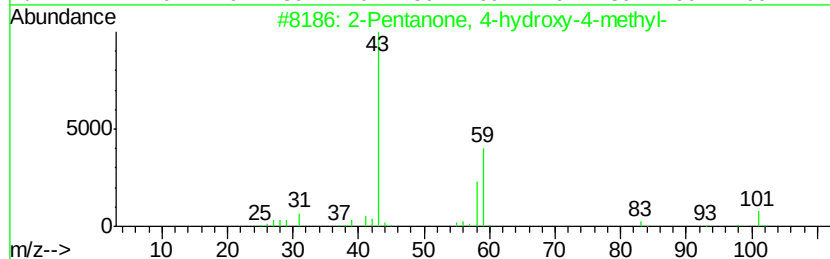
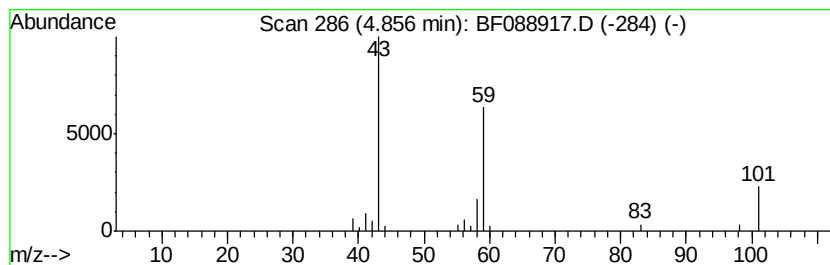
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.86	3.71 ng	67700	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	9
4		Propane, 2-ethoxy-2-methyl-	102	C6H14O	000637-92-3	9
5		3-Hexanol	102	C6H14O	000623-37-0	9



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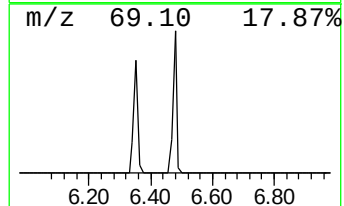
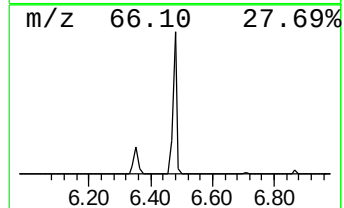
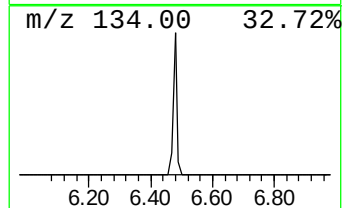
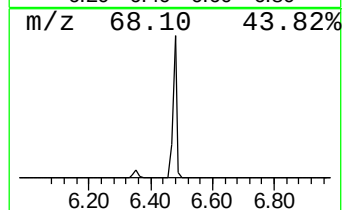
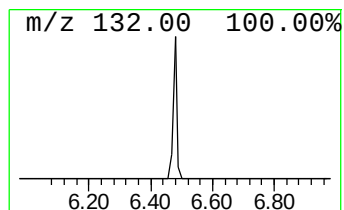
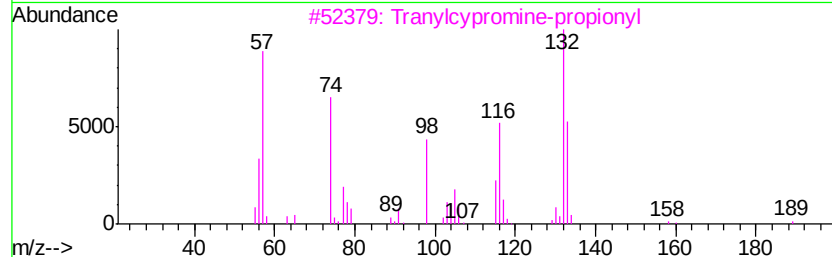
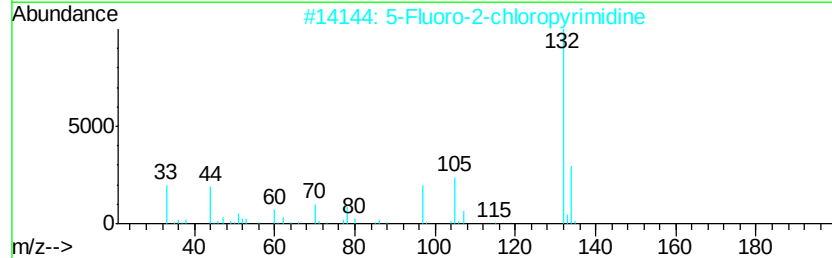
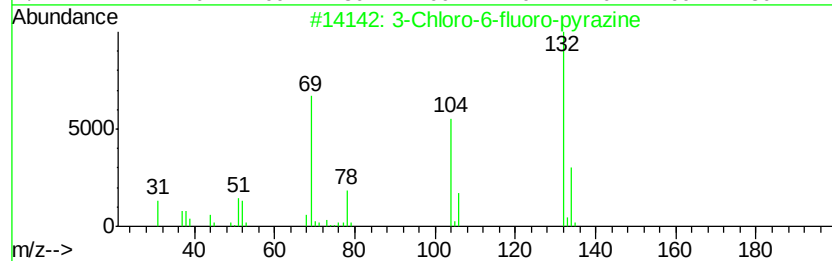
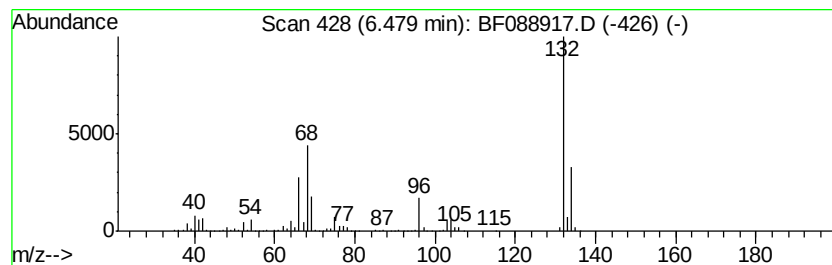
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Peak Number 4 unknown6.48 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	65.32 ng	1191890	1,4-Dichlorobenzene-d4	6.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4		N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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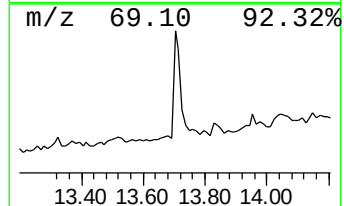
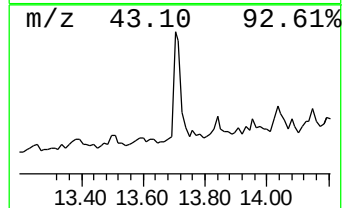
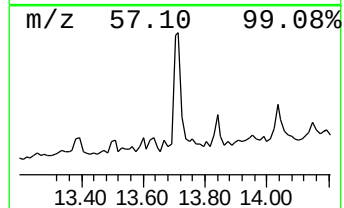
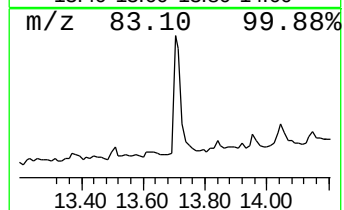
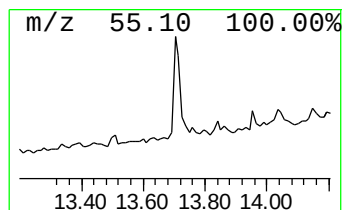
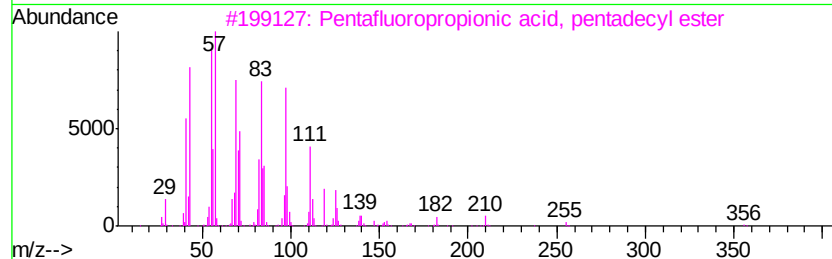
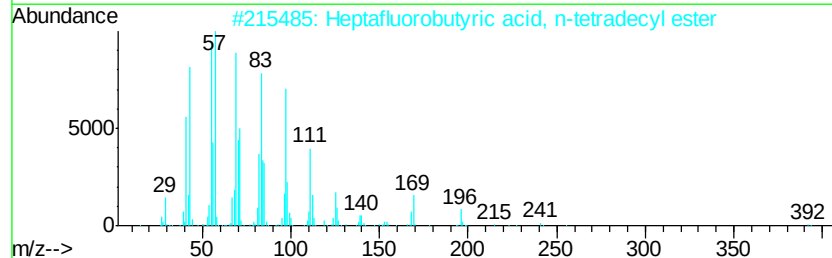
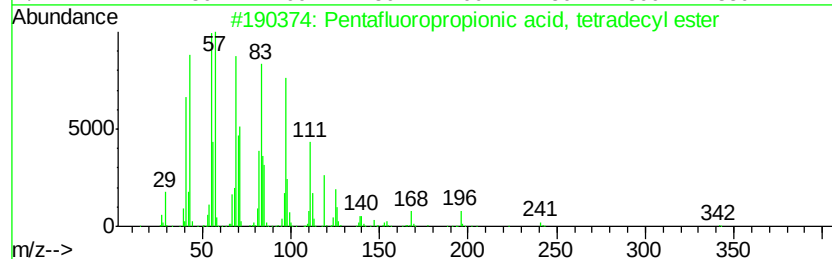
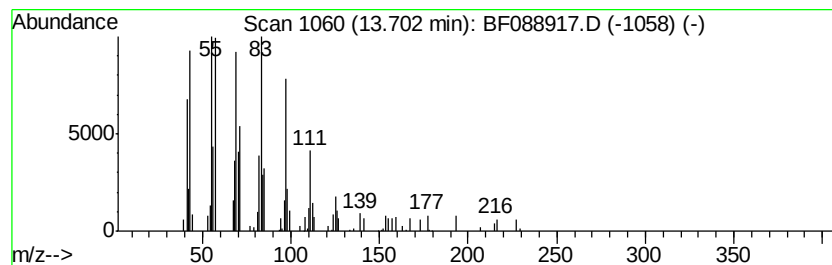
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Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	3.84 ng	98176	Chrysene-d12	13.84

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	95
2		Heptafluorobutyric acid, n-tetra...	410	C18H29F7O2	007365-36-8	95
3		Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	95
4		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	95
5		Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	95



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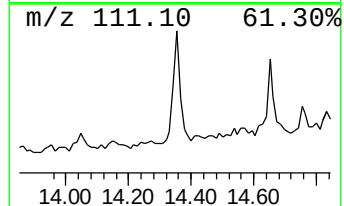
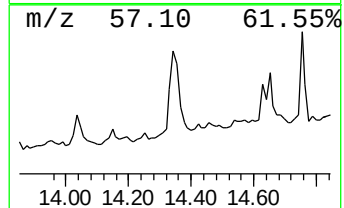
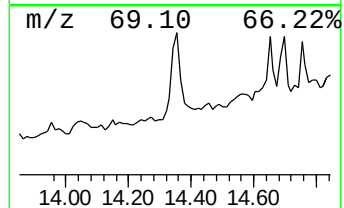
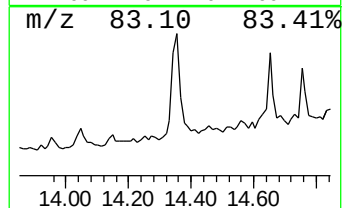
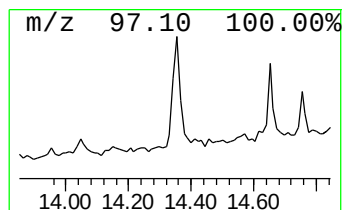
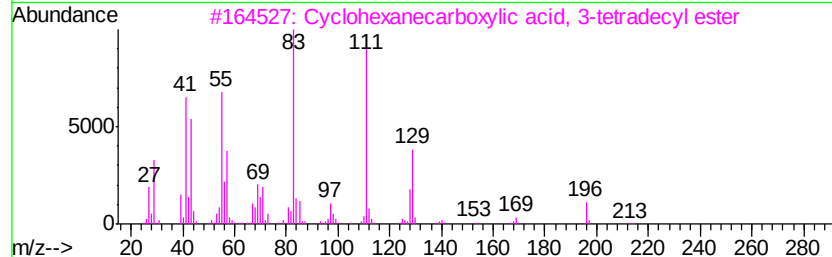
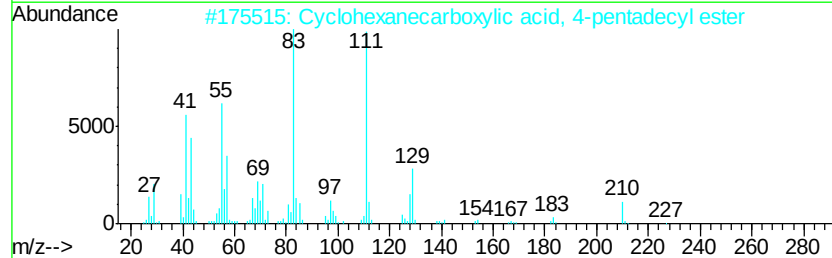
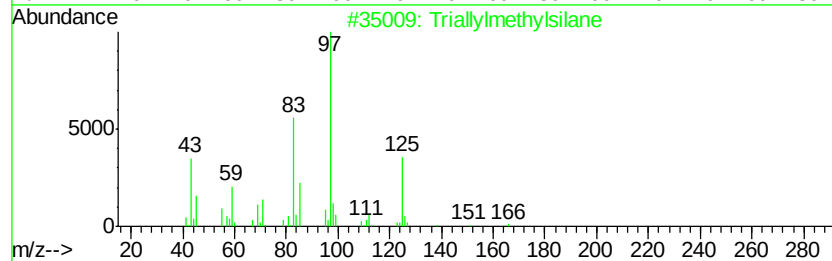
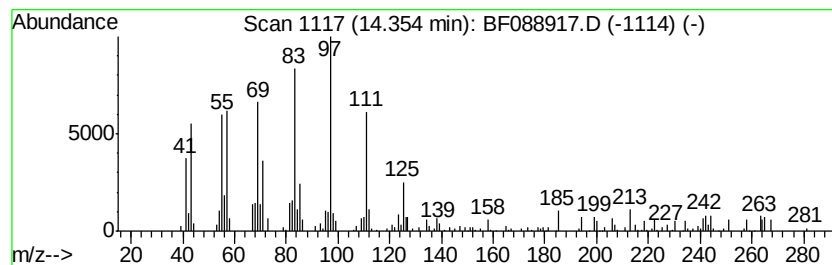
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Peak Number 7 unknown14.35 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.35	4.61 ng	117617	Chrysene-d12	13.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triallylmethylsilane	166	C10H18Si	001112-91-0	46
2	Cyclohexanecarboxylic acid, 4-pe...	338	C22H42O2	1000280-60-1	43
3	Cyclohexanecarboxylic acid, 3-te...	324	C21H40O2	1000280-59-7	43
4	Cyclohexanecarboxylic acid, 3-tr...	310	C20H38O2	1000280-59-4	43
5	Cyclohexanecarboxylic acid, 3-pe...	338	C22H42O2	1000280-60-0	43



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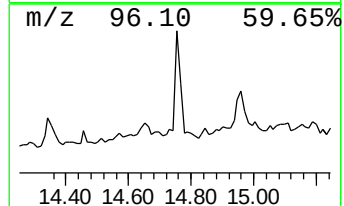
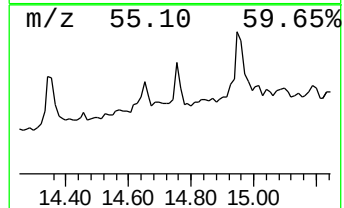
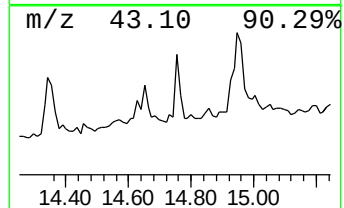
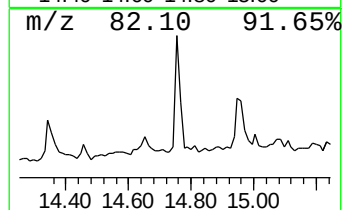
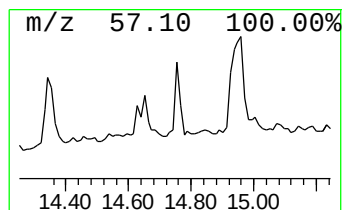
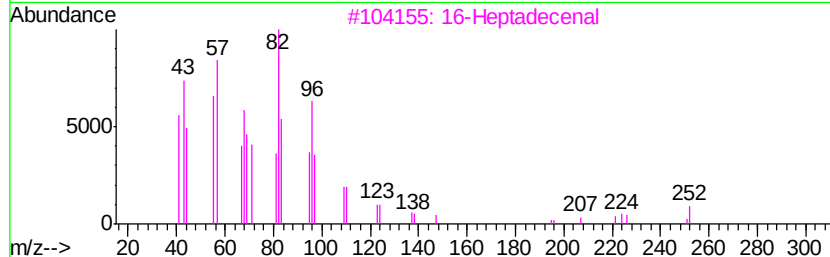
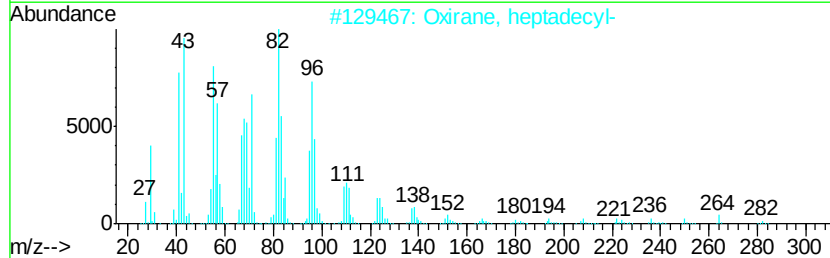
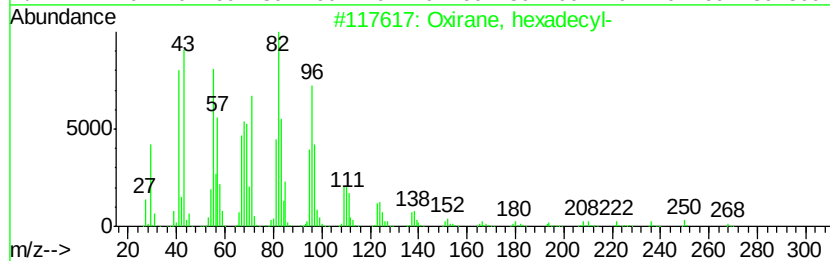
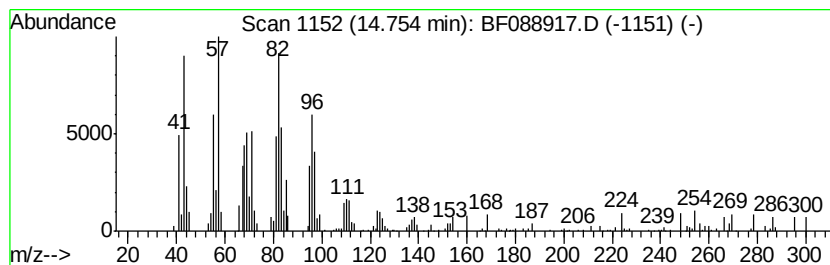
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Peak Number 8 Oxirane, hexadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.75	3.54 ng	50724	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
2	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
3	16-Heptadecenal	252	C17H32O	1000144-57-9	89
4	Pentadecanal-	226	C15H30O	002765-11-9	81
5	Octadecanal	268	C18H36O	000638-66-4	81



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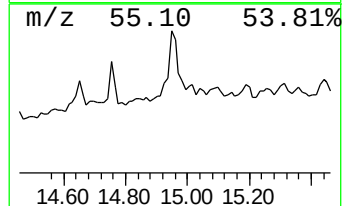
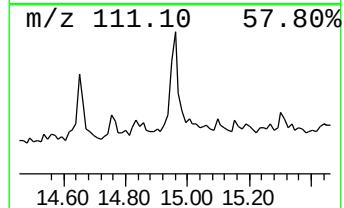
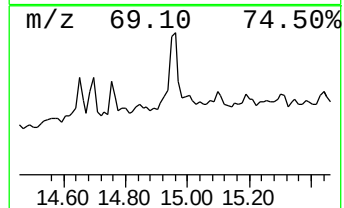
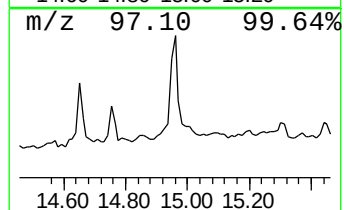
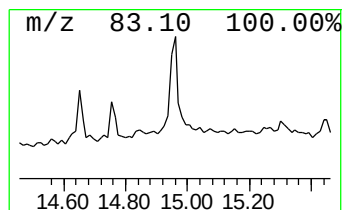
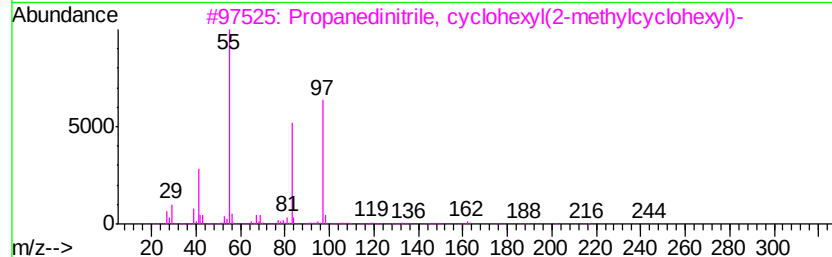
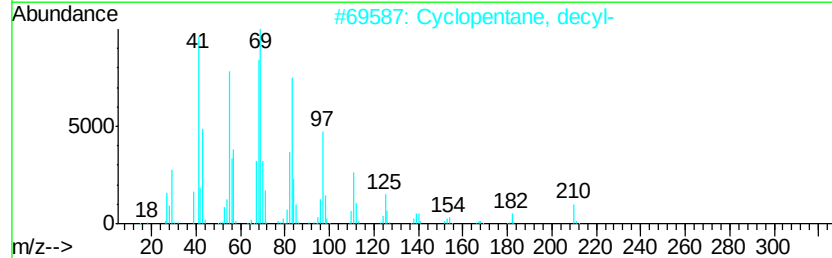
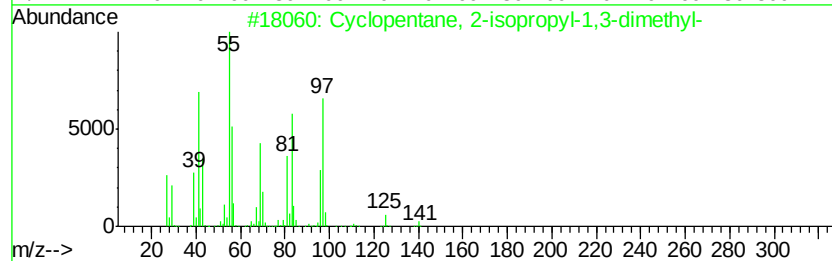
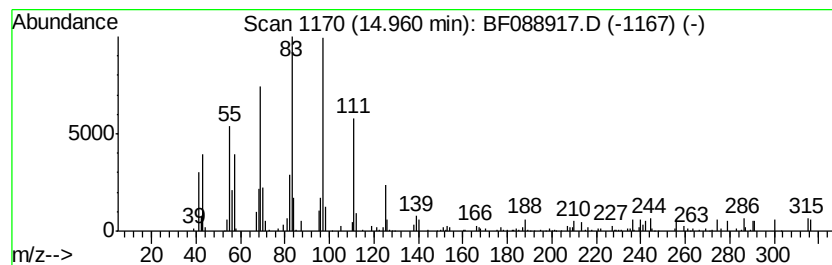
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BNA_F
ClientSampleId :
07-B3(0-11)C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Cyclopentane, 2-isopropyl-1... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.96	6.55 ng	93717	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	64
2	Cyclopentane, decyl-	210	C15H30	001795-21-7	41
3	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	38
4	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	30
5	Cyclohexane, 2-ethyl-1,3-dimethyl-	140	C10H20	007045-67-2	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071116\
Data File : BF088917.D
Acq On : 11 Jul 2016 23:47
Operator : UM/SJ
Sample : H3921-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

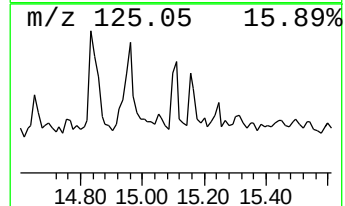
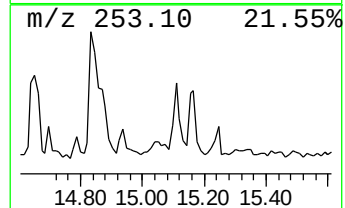
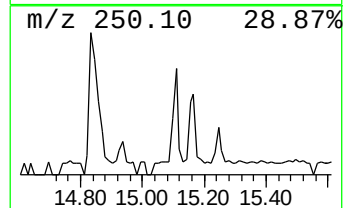
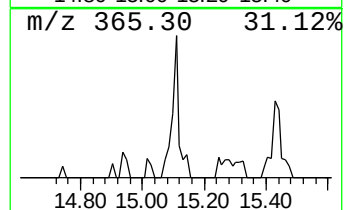
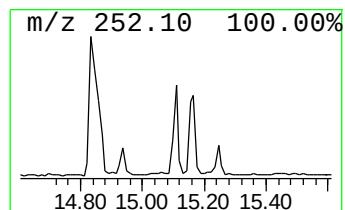
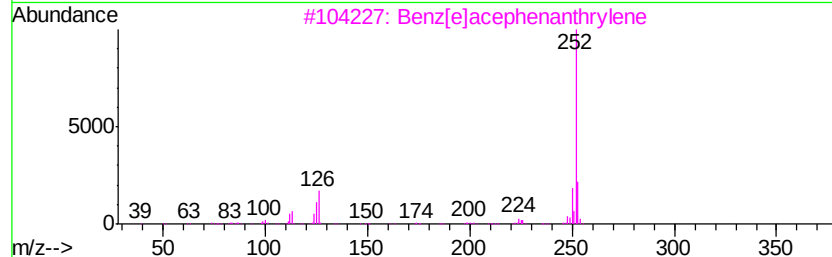
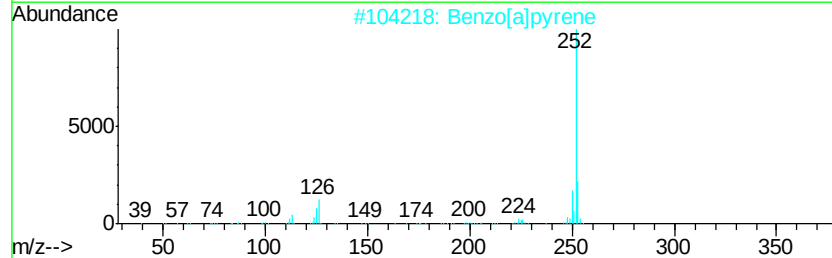
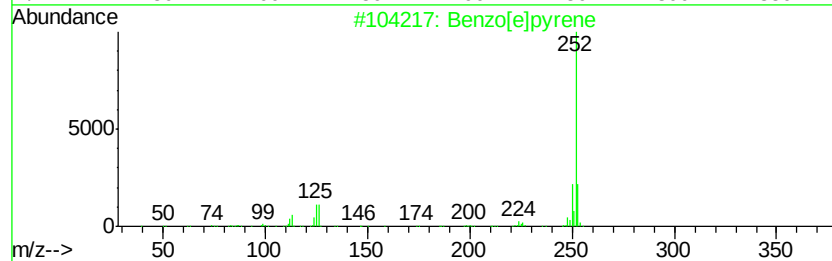
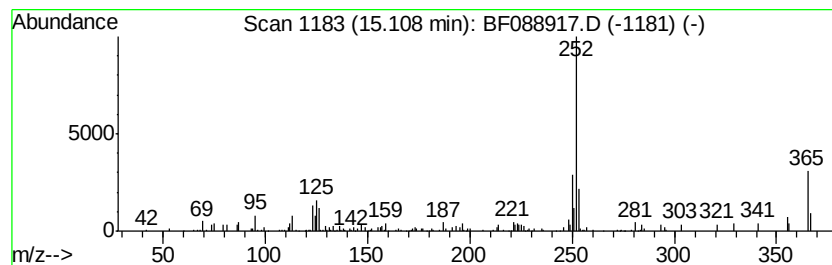
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.11	3.85 ng	55029	Perylene-d12	15.22

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	90
2			Benzo[a]pyrene	252	C20H12	000050-32-8	78
3			Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	78
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	55
5			Perylene	252	C20H12	000198-55-0	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF071116\
Data File : BF088917.D
Acq On : 11 Jul 2016 23:47
Operator : UM/SJ
Sample : H3921-20
Misc :
ALS Vial : 21 Sample Multiplier: 1

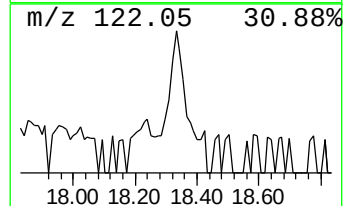
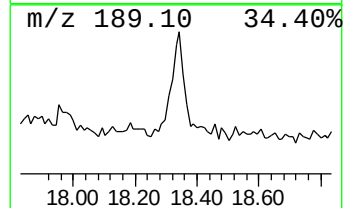
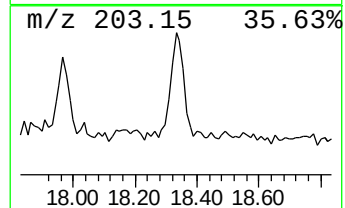
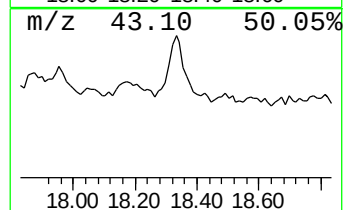
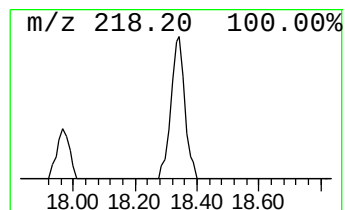
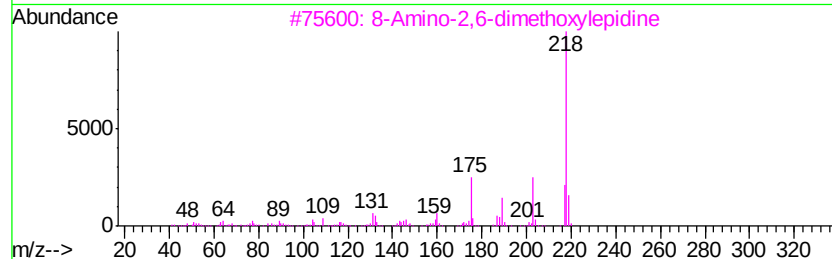
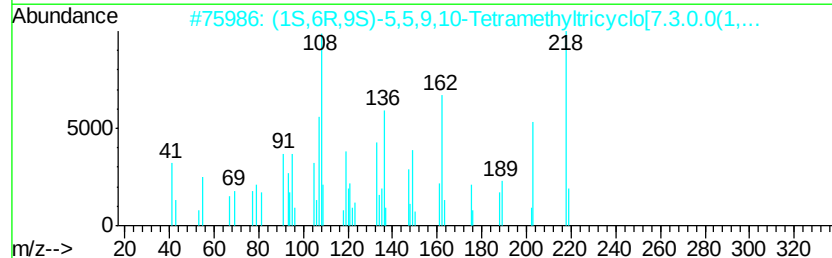
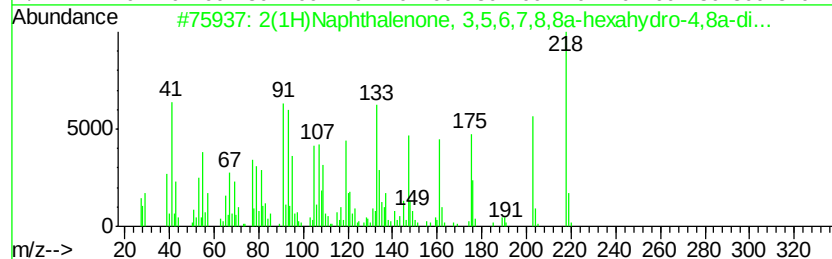
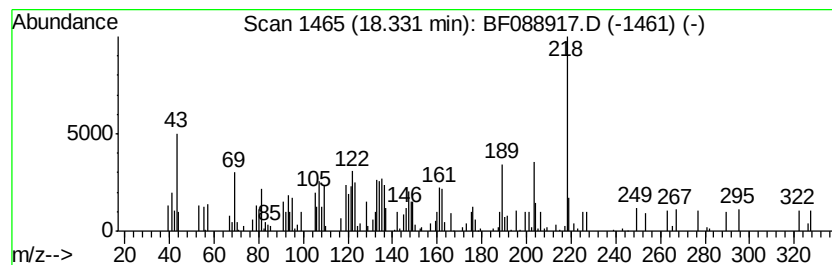
Instrument :
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ClientSampleId :
07-B3(0-11)C

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 2(1H)Naphthalenone, 3,5,6,7... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.33	8.32 ng	119097	Perylene-d12	15.22	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2(1H)Naphthalenone, 3,5,6,7,8,8a...	218	C15H22O	1000188-66-5	55
2	(1S,6R,9S)-5,5,9,10-Tetramethylt...	218	C16H26	1000298-97-8	55
3	8-Amino-2,6-dimethoxvlepidine	218	C12H14N2O2	074509-65-2	49
4	Benzenamine, 2-bromo-4-nitro-	216	C6H5BrN2O2	013296-94-1	46
5	9-Phenyl-5H-benzocycloheptene	218	C17H14	138089-71-1	46



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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
07-B3(0-11)C

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.86	3.7	ng	67700	1	6.71	364947	20.0
unknown6.48	6.48	65.3	ng	1191890	1	6.71	364947	20.0
Pentafluoropropio...	13.70	3.8	ng	98176	5	13.84	510793	20.0
unknown14.35	14.35	4.6	ng	117617	5	13.84	510793	20.0
Oxirane, hexadecyl-	14.75	3.5	ng	50724	6	15.22	286199	20.0
Cyclopentane, 2-i...	14.96	6.5	ng	93717	6	15.22	286199	20.0
Benzo[e]pyrene	15.11	3.9	ng	55029	6	15.22	286199	20.0
2(1H)Naphthalenon...	18.33	8.3	ng	119097	6	15.22	286199	20.0