

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
 Data File : BF084139.D
 Acq On : 25 Dec 2015 20:12
 Operator : UM/SJ
 Sample : G4920-02
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-CLAY-007

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-BF122415.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	4.979	251	253	263	rBV	194473	278670	16.13%	2.078%
2	5.413	289	291	294	rBV	986412	1333601	77.18%	9.943%
3	6.453	380	382	384	rBV	1329246	1330391	76.99%	9.919%
4	6.567	390	392	395	rBV	1240674	1382763	80.02%	10.309%
5	6.796	410	412	415	rBV	355748	292177	16.91%	2.178%
6	6.956	424	426	428	rBV	1180022	1195374	69.18%	8.912%
7	7.367	459	462	464	rBV	803117	948317	54.88%	7.070%
8	8.076	522	524	527	rBV	313664	374102	21.65%	2.789%
9	9.162	616	619	621	rBV	1714550	1727981	100.00%	12.883%
10	9.550	651	653	655	rBV	307183	326816	18.91%	2.437%
11	9.768	671	672	675	rBV	16908	19470	1.13%	0.145%
12	9.836	675	678	680	rVB	440149	426101	24.66%	3.177%
13	10.271	714	716	718	rVB	49595	39261	2.27%	0.293%
14	10.488	732	735	738	rBV	16239	27958	1.62%	0.208%
15	10.625	744	747	749	rBV	977543	961085	55.62%	7.165%
16	10.739	756	757	762	rBV	49843	60414	3.50%	0.450%
17	11.185	794	796	798	rBV	27482	29437	1.70%	0.219%
18	11.322	806	808	810	rBV	288731	403209	23.33%	3.006%
19	12.728	929	931	933	rBB	74520	70315	4.07%	0.524%
20	12.796	933	937	939	rBB	32040	41665	2.41%	0.311%
21	12.899	944	946	948	rBV	1407338	1275643	73.82%	9.511%
22	13.425	990	992	994	rBV	69118	60558	3.50%	0.451%
23	13.471	994	996	1001	rVB2	22722	35516	2.06%	0.265%
24	13.802	1022	1025	1030	rBV	50722	77963	4.51%	0.581%
25	13.951	1036	1038	1041	rVB	307261	296404	17.15%	2.210%
26	14.111	1050	1052	1054	rBV	23906	34062	1.97%	0.254%
27	14.419	1076	1079	1083	rBV	31421	32320	1.87%	0.241%
28	14.717	1102	1105	1108	rVB	25313	25966	1.50%	0.194%
29	15.368	1160	1162	1167	rBV	194404	284103	16.44%	2.118%
30	16.248	1236	1239	1245	rVB2	7420	21172	1.23%	0.158%

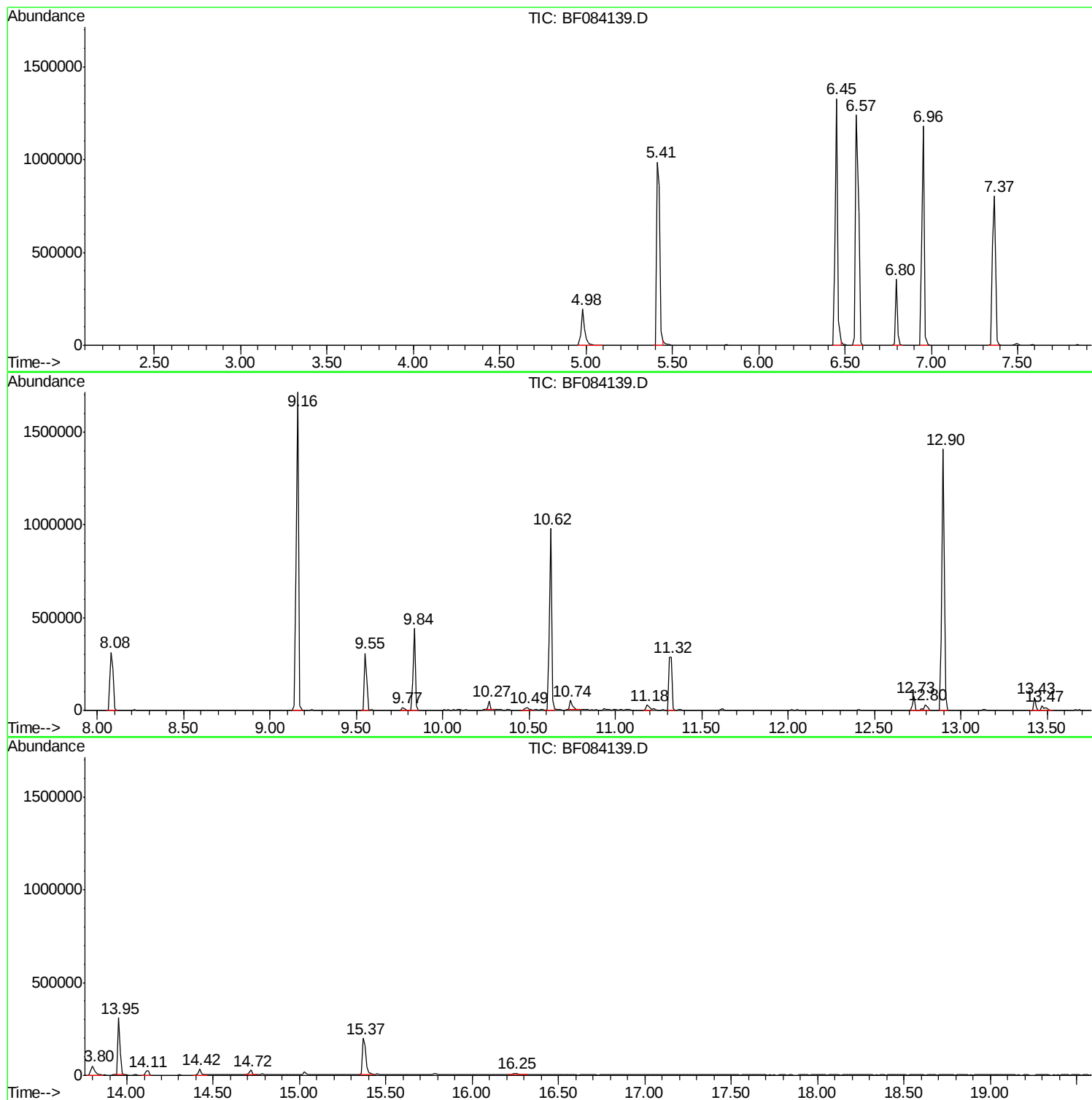
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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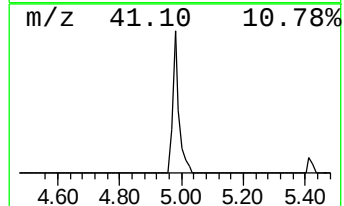
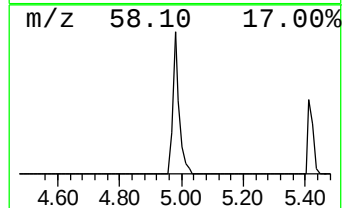
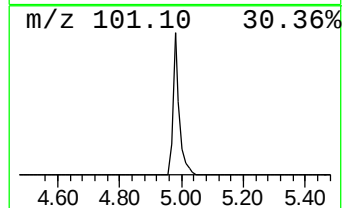
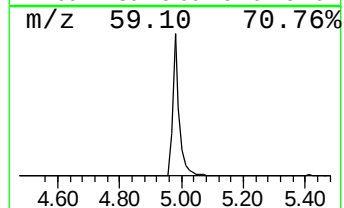
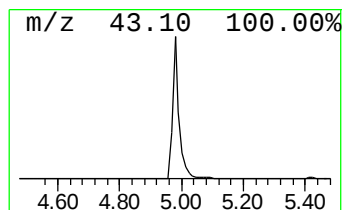
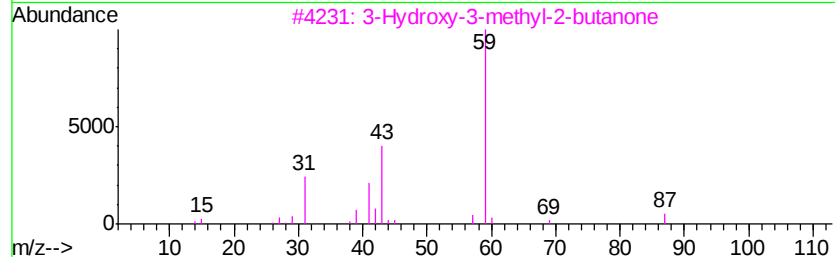
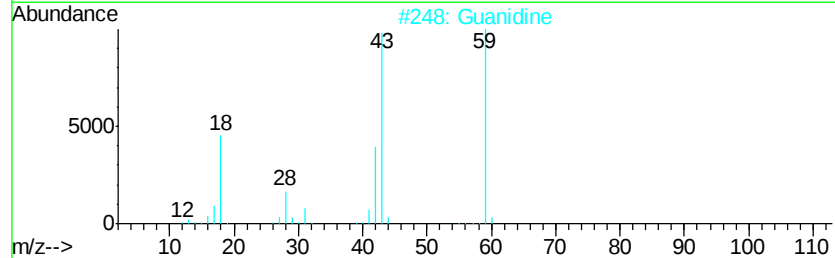
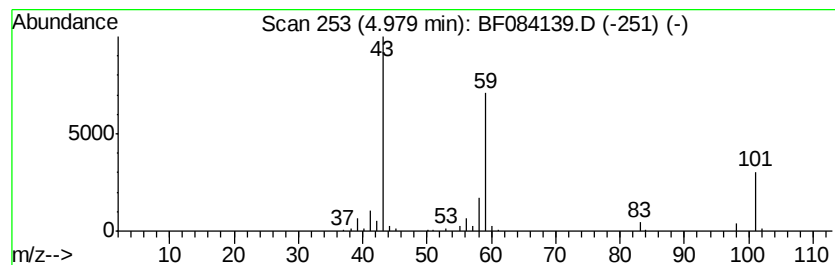
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	19.08 ng	278670	1,4-Dichlorobenzene-d4	6.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Guanidine	59	CH5N3	000113-00-8	43
3		3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	25
4		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
5		Acetone	58	C3H6O	000067-64-1	10



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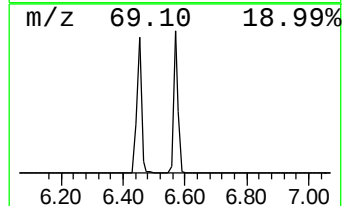
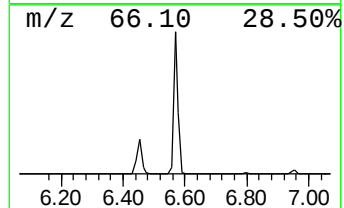
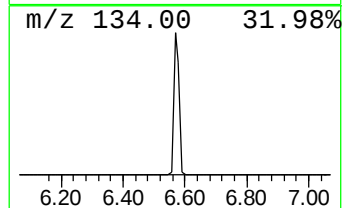
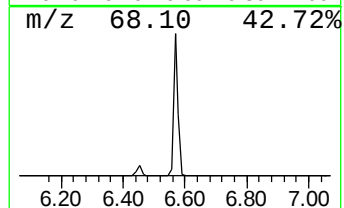
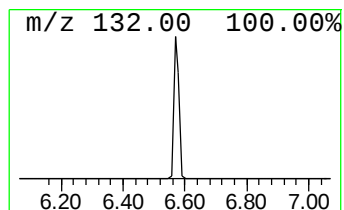
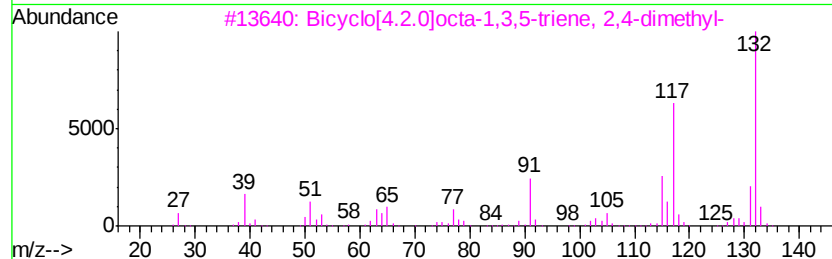
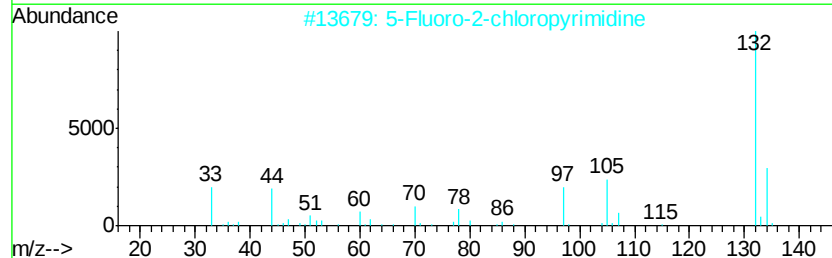
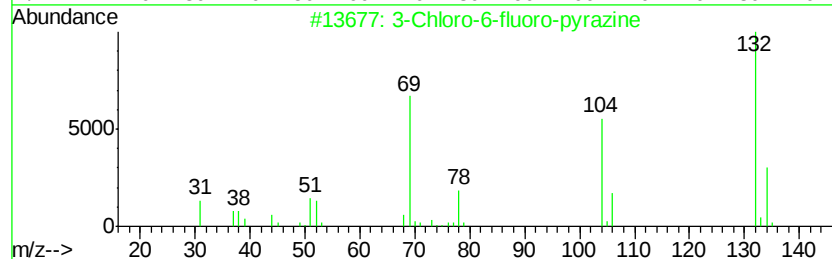
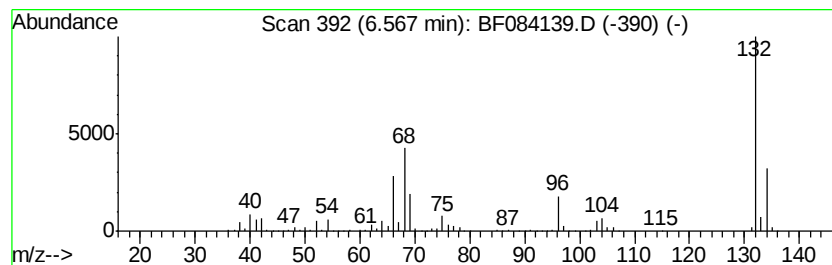
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Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	94.65 ng	1382760	1,4-Dichlorobenzene-d4	6.80

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	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9



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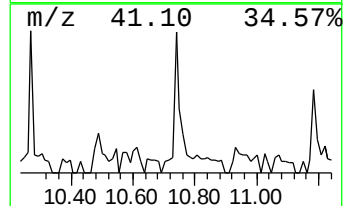
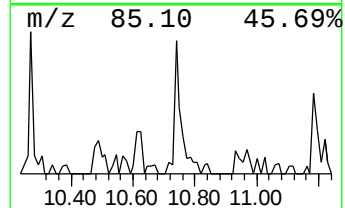
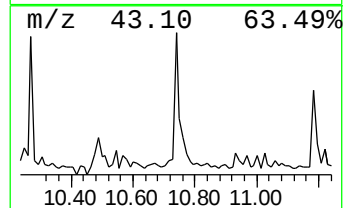
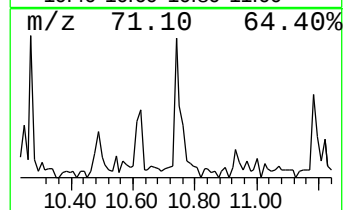
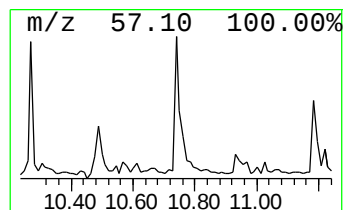
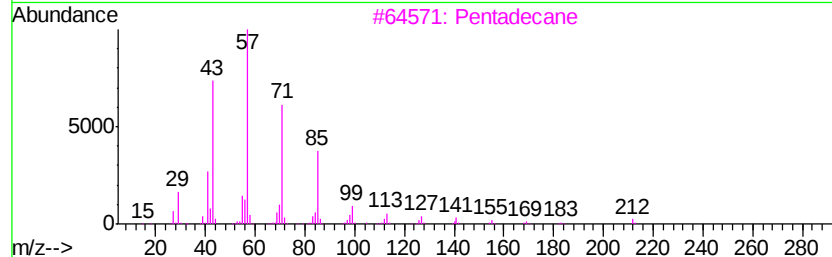
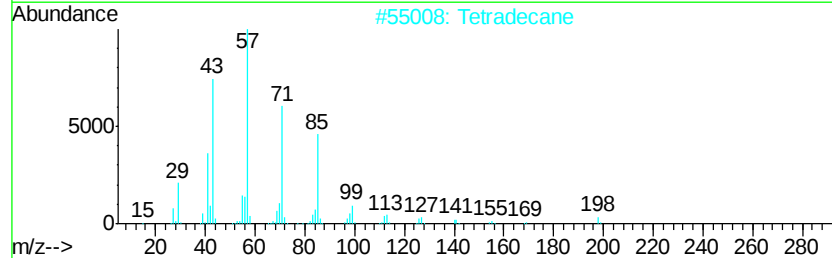
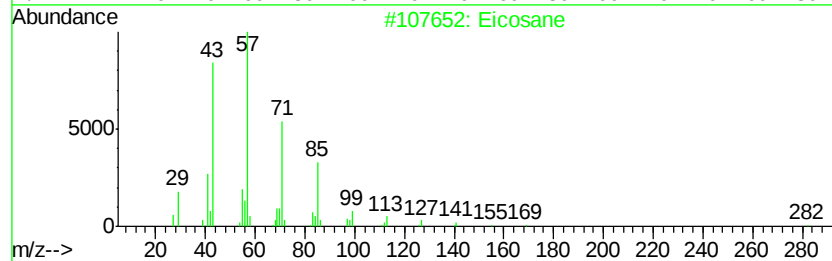
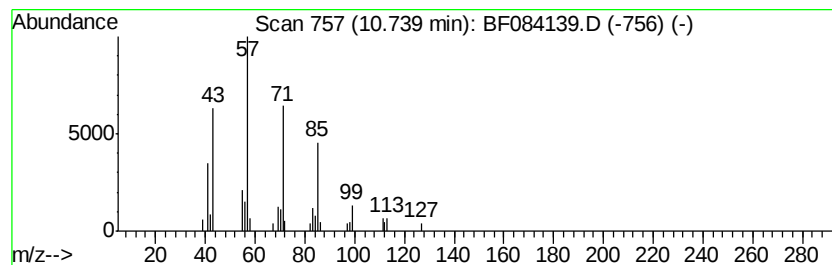
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Peak Number 4 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.74	3.00 ng	60414	Phenanthrene-d10	11.32

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane		282	C20H42	000112-95-8	91
2	Tetradecane		198	C14H30	000629-59-4	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Heptadecane		240	C17H36	000629-78-7	83
5	Tridecane		184	C13H28	000629-50-5	83



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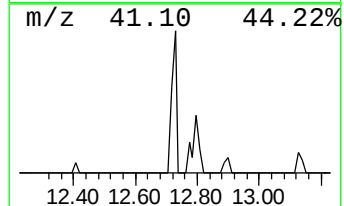
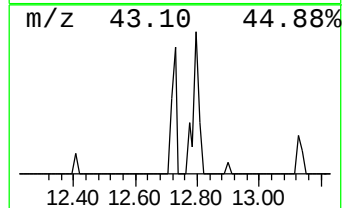
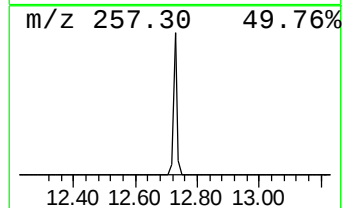
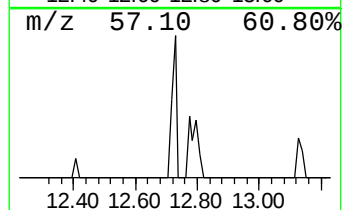
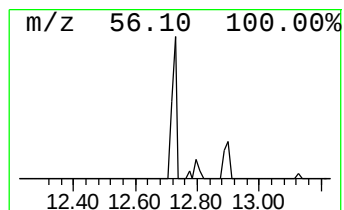
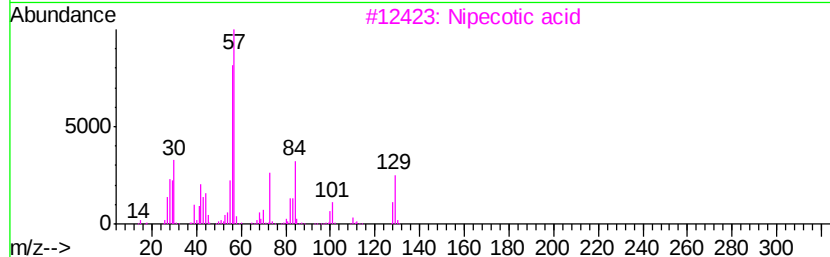
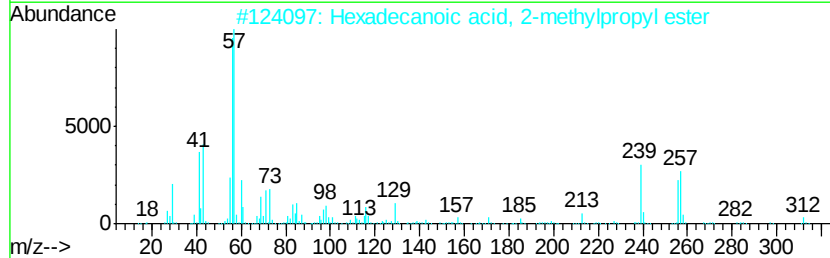
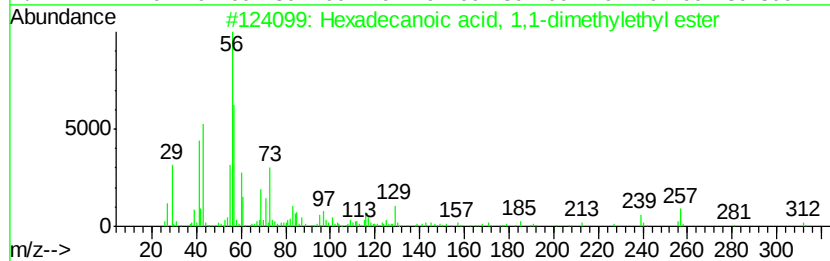
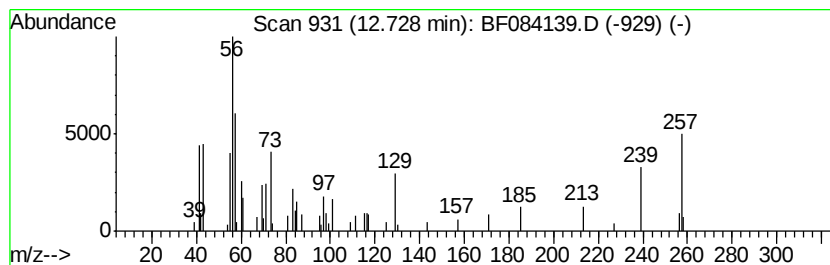
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Peak Number 5 unknown12.73 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.73	4.74 ng	70315	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	49
2		Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	45
3		Nipecotic acid	129	C6H11NO2	000498-95-3	35
4		Thiazole, 2-amino-4,5-dihydro-5-...	116	C4H8N2S	010416-80-5	25
5		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	22



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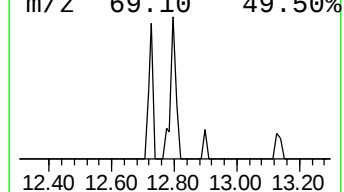
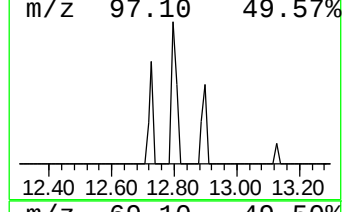
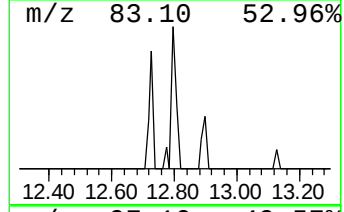
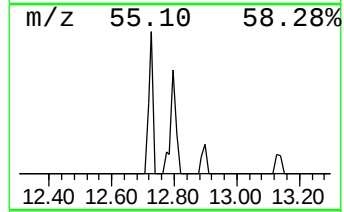
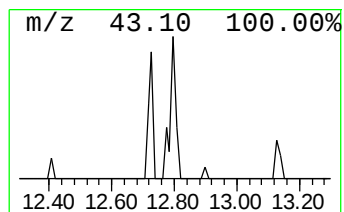
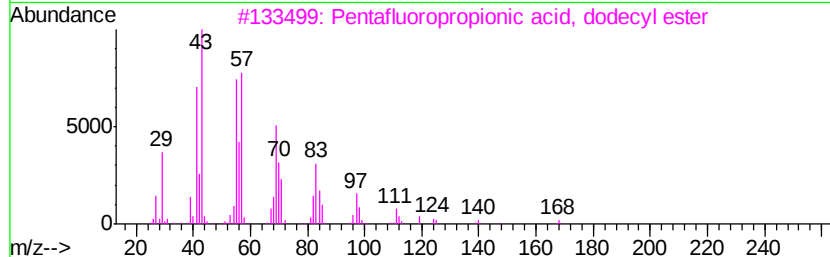
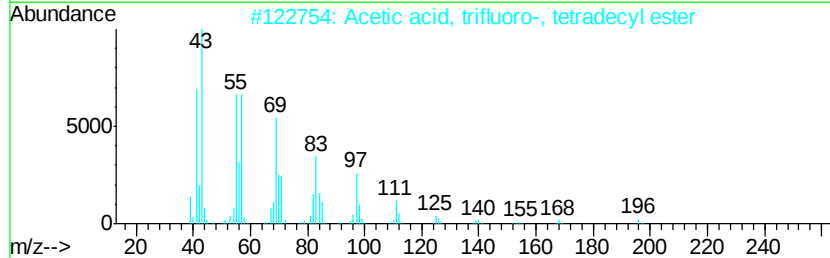
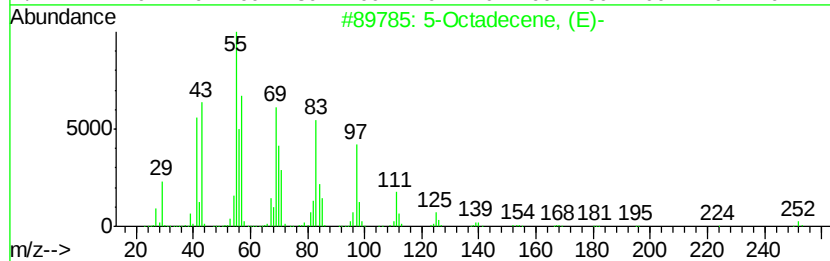
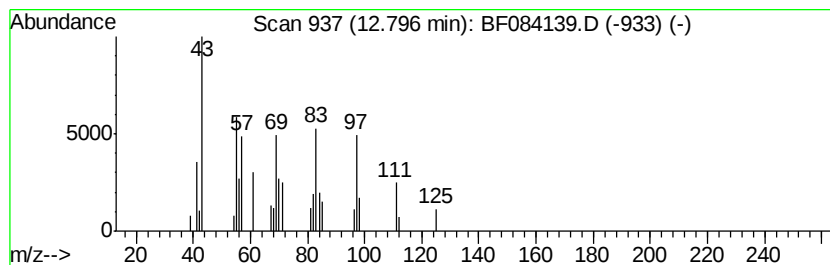
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Peak Number 6 5-Octadecene, (E)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.80	2.81 ng	41665	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-		252	C18H36	007206-21-5	86
2	Acetic acid, trifluoro-, tetradec...		310	C16H29F3O2	006222-02-2	86
3	Pentafluoropropionic acid, dodec...		332	C15H25F5O2	006222-04-4	64
4	Pentafluoropropionic acid, tridec...		346	C16H27F5O2	1000280-07-3	58
5	1-Tridecene		182	C13H26	002437-56-1	53



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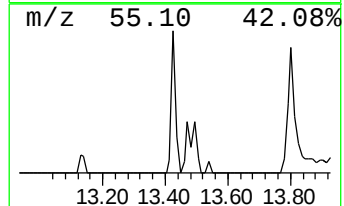
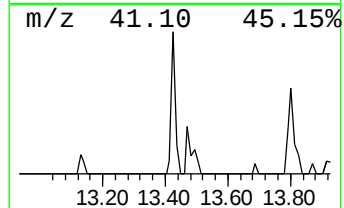
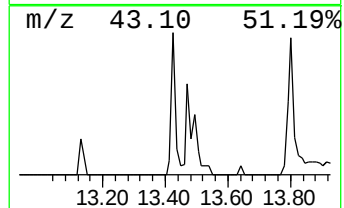
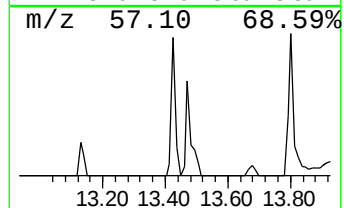
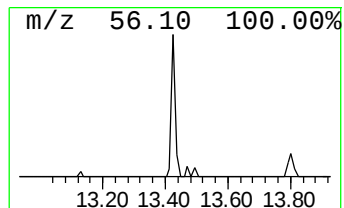
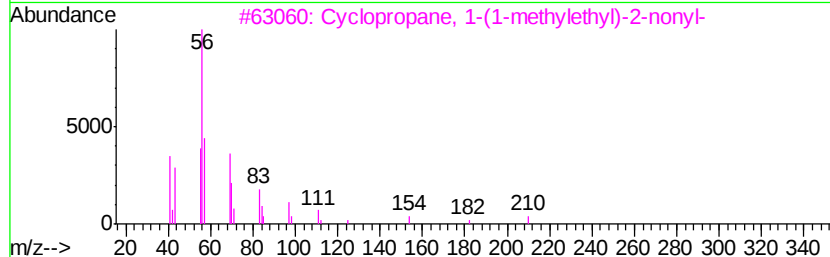
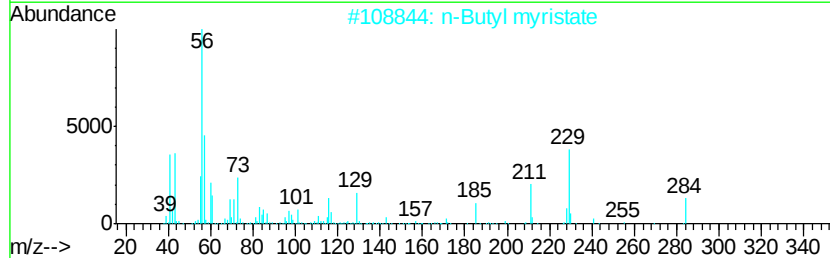
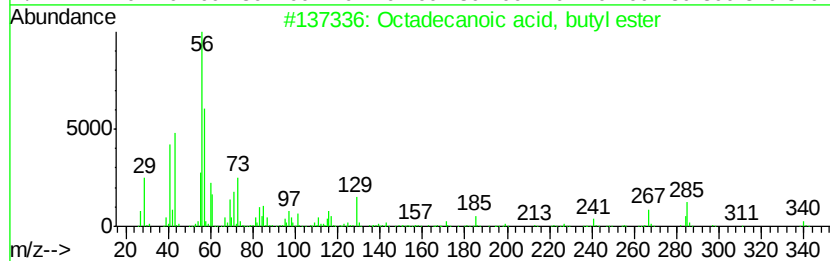
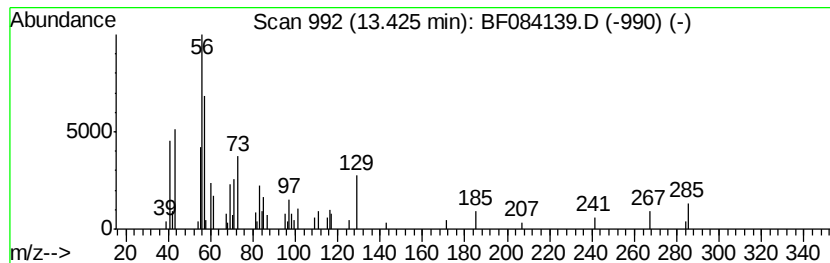
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	4.09 ng	60558	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	87
2		n-Butyl myristate	284	C18H36O2	000110-36-1	45
3		Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	35
4		2-Methyl-1-octadecene	266	C19H38	061868-20-0	35
5		Octadecanoic acid	284	C18H36O2	000057-11-4	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122515\
Data File : BF084139.D
Acq On : 25 Dec 2015 20:12
Operator : UM/SJ
Sample : G4920-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-007

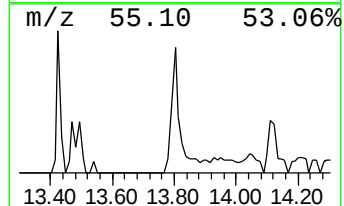
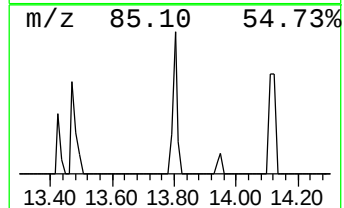
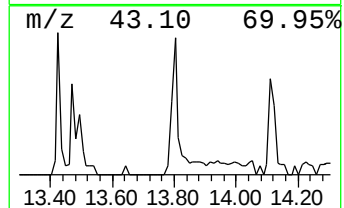
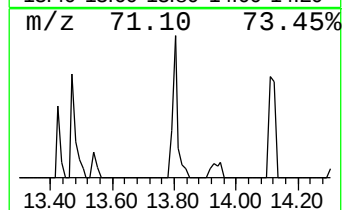
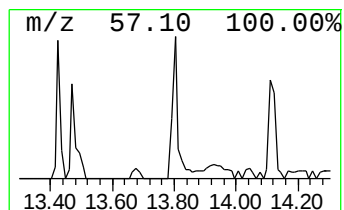
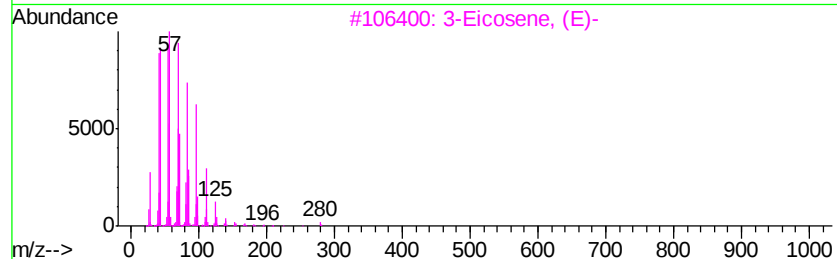
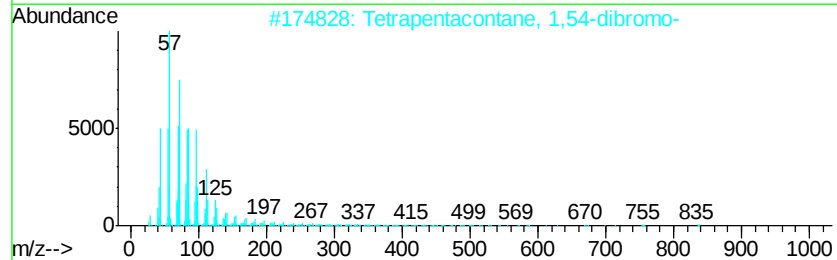
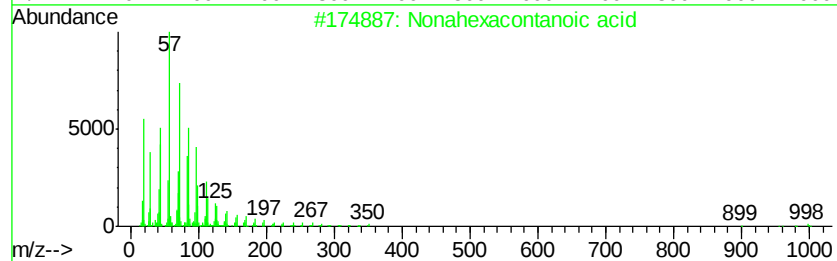
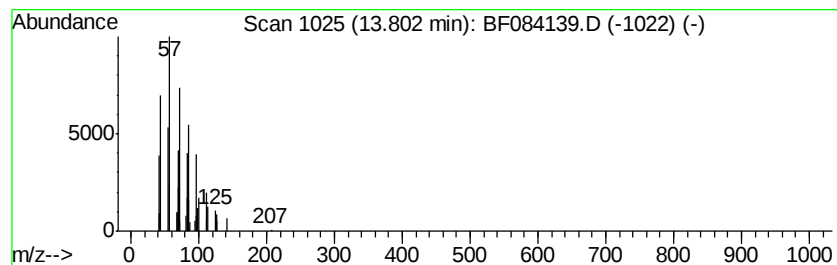
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Nonaheptacontanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.80	5.26 ng	77963	Chrysene-d12	13.95

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonaheptacontanoic acid	999	C69H138O2	040710-32-5	91
2		Tetrapentacontane, 1,54-dibromo-	915	C54H108Br2	1000156-09-4	90
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	53
4		10-Methylnonadecane	282	C20H42	056862-62-5	52
5		Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	49



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Acq On : 25 Dec 2015 20:12
Operator : UM/SJ
Sample : G4920-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-007

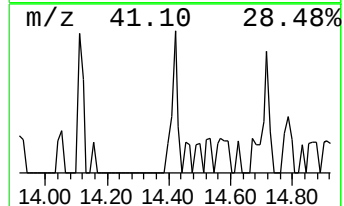
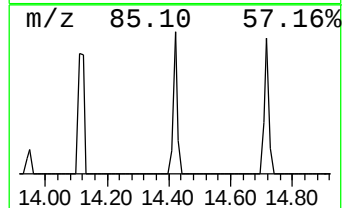
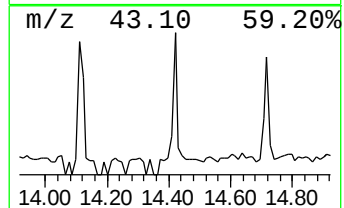
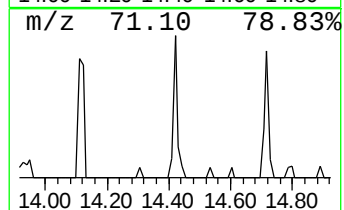
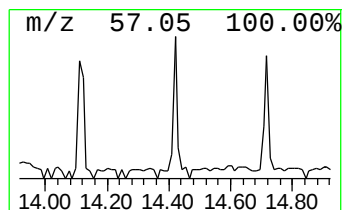
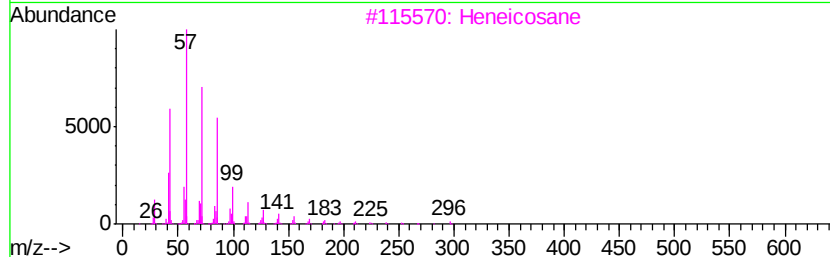
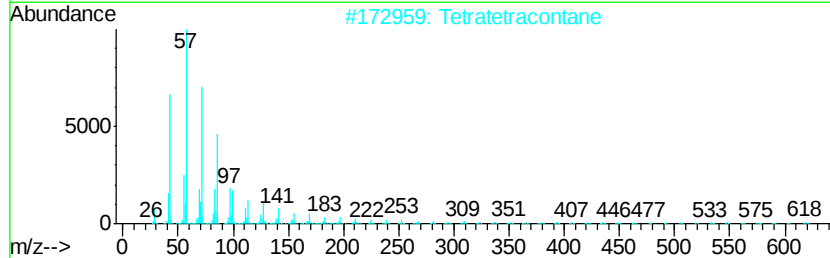
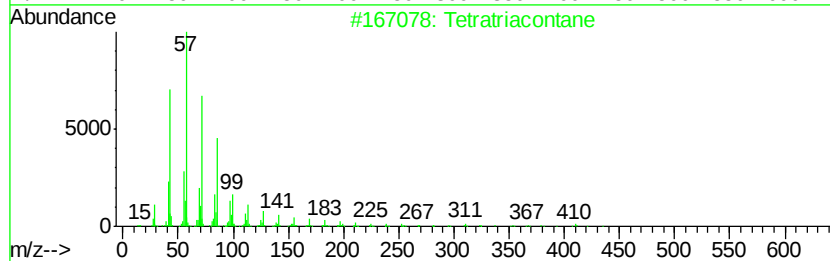
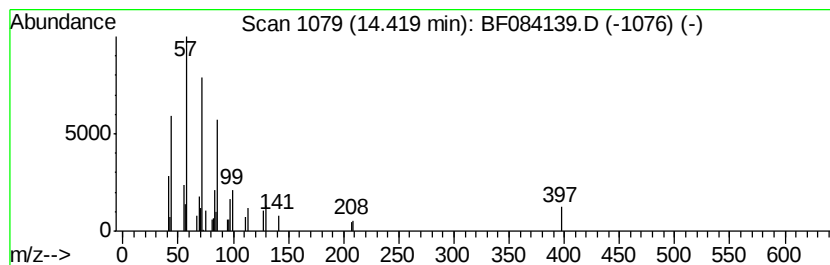
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Tetratriacontane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.42	2.18 ng	32320	Chrysene-d12	13.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetratriacontane	479	C34H70	014167-59-0	83
2		Tetratetracontane	619	C44H90	007098-22-8	80
3		Heneicosane	296	C21H44	000629-94-7	80
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80
5		Pentacosane	352	C25H52	000629-99-2	80



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Operator : UM/SJ
Sample : G4920-02
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-CLAY-007

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.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...	4.98	19.1 ng		278670	1	6.80	292177	20.0
unknown6.57	6.57	94.7 ng		1382760	1	6.80	292177	20.0
Eicosane	10.74	3.0 ng		60414	4	11.32	403209	20.0
unknown12.73	12.73	4.7 ng		70315	5	13.95	296404	20.0
5-Octadecene, (E)-	12.80	2.8 ng		41665	5	13.95	296404	20.0
Octadecanoic acid...	13.43	4.1 ng		60558	5	13.95	296404	20.0
Nonahexacontanoic...	13.80	5.3 ng		77963	5	13.95	296404	20.0
Tetratriacontane	14.42	2.2 ng		32320	5	13.95	296404	20.0