

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
 Data File : BF084043.D
 Acq On : 23 Dec 2015 19:45
 Operator : UM/SJ
 Sample : G4912-05
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STOCKPILE-3(0-2)

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-BF122215.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	5.013	253	256	264	rBB	292925	490261	22.89%	2.882%
2	5.447	291	294	296	rBV	1326206	1659329	77.48%	9.756%
3	5.824	325	327	330	rBB	29148	25394	1.19%	0.149%
4	6.476	381	384	386	rBV	1484007	1716694	80.16%	10.093%
5	6.590	392	394	397	rBV	1349283	1729643	80.76%	10.169%
6	6.819	412	414	416	rBV	374300	316339	14.77%	1.860%
7	6.979	425	428	430	rBV	1520065	1493107	69.72%	8.779%
8	7.390	461	464	466	rBV	855441	1158678	54.10%	6.812%
9	7.504	472	474	480	rBB	15088	26363	1.23%	0.155%
10	8.099	524	526	529	rBV	387021	411001	19.19%	2.416%
11	9.185	618	621	623	rBV	2216768	2141627	100.00%	12.591%
12	9.573	653	655	657	rBV	339937	367310	17.15%	2.160%
13	9.802	671	675	677	rBV2	28341	35043	1.64%	0.206%
14	9.859	677	680	682	rBV	535540	478012	22.32%	2.810%
15	10.293	717	718	720	rVB	54664	49083	2.29%	0.289%
16	10.510	735	737	741	rBV2	16860	33936	1.58%	0.200%
17	10.648	746	749	752	rBV	1157257	1128775	52.71%	6.637%
18	10.773	757	760	764	rVV2	46642	84431	3.94%	0.496%
19	11.219	796	799	800	rBV	37354	39004	1.82%	0.229%
20	11.345	808	810	811	rBV	416102	435874	20.35%	2.563%
21	11.368	811	812	813	rVB	32795	22772	1.06%	0.134%
22	11.642	834	836	838	rBV	23282	21516	1.00%	0.127%
23	11.951	861	863	867	rVB2	14971	24992	1.17%	0.147%
24	12.556	913	916	918	rBV	80541	86543	4.04%	0.509%
25	12.751	931	933	934	rBV	98815	88466	4.13%	0.520%
26	12.785	934	936	937	rVV	62846	76922	3.59%	0.452%
27	12.831	937	940	942	rVV2	27233	33021	1.54%	0.194%
28	12.934	946	949	951	rVB	1175110	1673305	78.13%	9.838%
29	13.459	993	995	996	rBV	51835	55770	2.60%	0.328%
30	13.825	1025	1027	1034	rVB3	52927	80786	3.77%	0.475%
31	13.974	1038	1040	1042	rBV	264121	351645	16.42%	2.067%
32	14.145	1053	1055	1059	rVB3	25621	35708	1.67%	0.210%
33	14.305	1065	1069	1070	rBV3	13254	34044	1.59%	0.200%
34	14.454	1080	1082	1084	rBV2	19900	30246	1.41%	0.178%

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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-BF122215.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	14.751	1106	1108	1112	rVB3	18927	28509	1.33%	0.168%
36	14.819	1112	1114	1115	rBV	20696	23485	1.10%	0.138%
37	15.002	1128	1130	1134	rBV	43722	72264	3.37%	0.425%
38	15.288	1153	1155	1158	rVB	25804	33661	1.57%	0.198%
39	15.357	1158	1161	1163	rVV	22385	34300	1.60%	0.202%
40	15.402	1163	1165	1173	rVB	196838	311071	14.52%	1.829%
41	16.831	1287	1290	1297	rVB2	14300	47686	2.23%	0.280%
42	17.254	1324	1327	1331	rBV	10242	21962	1.03%	0.129%

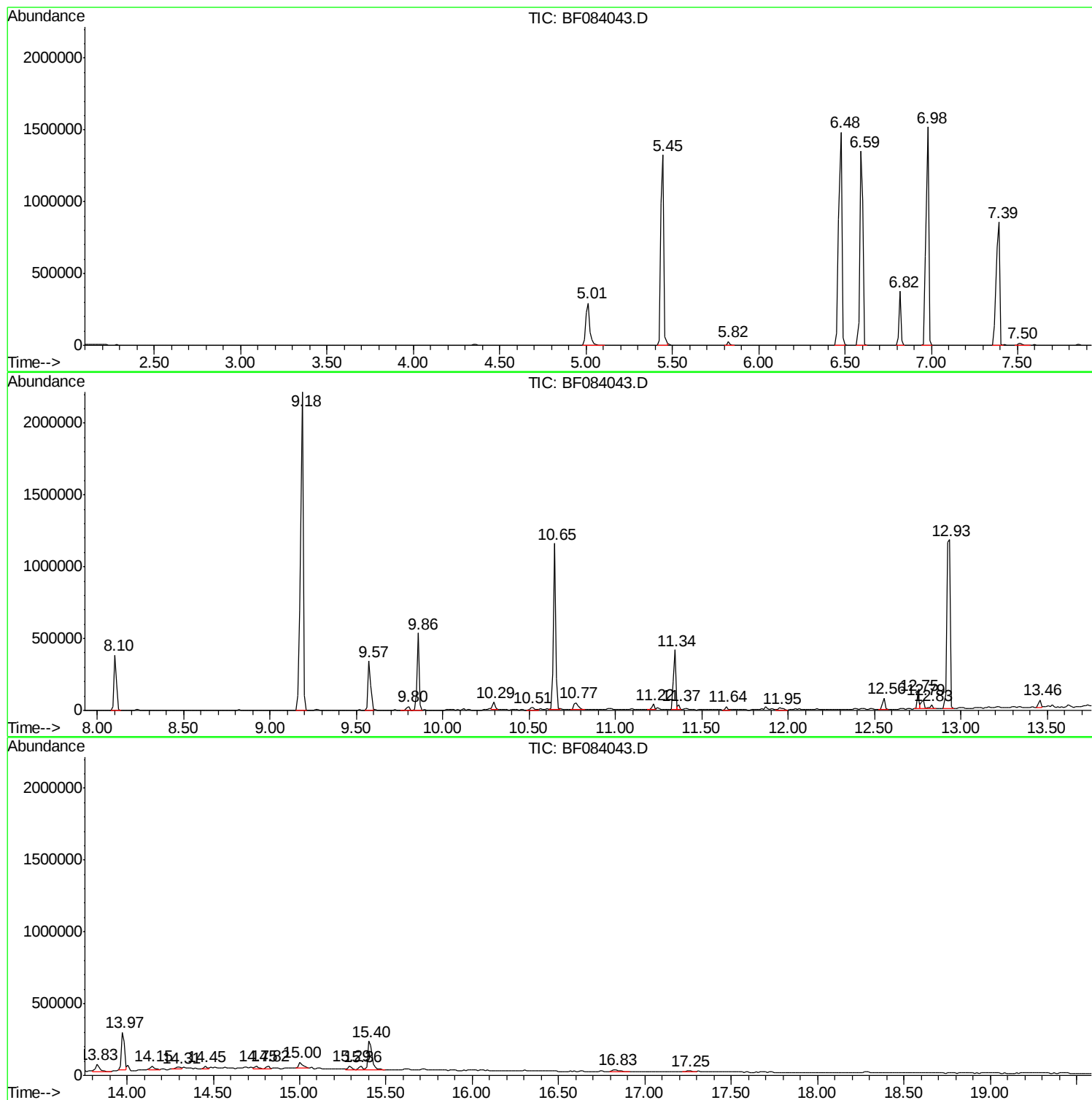
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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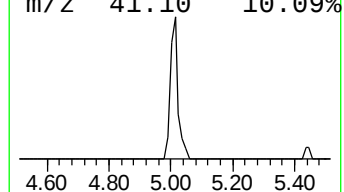
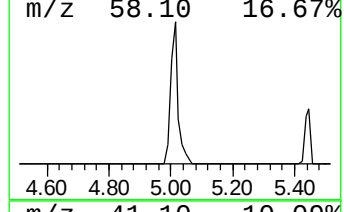
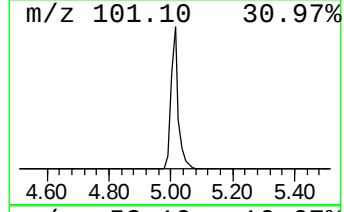
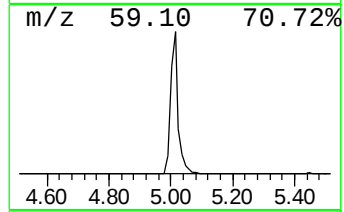
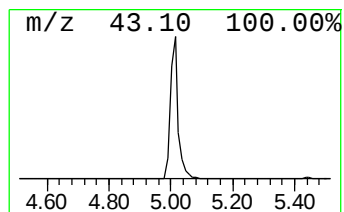
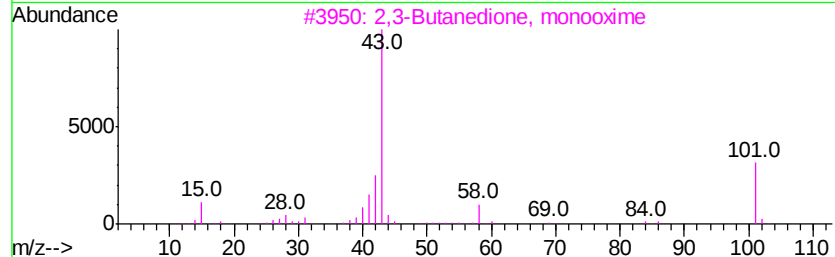
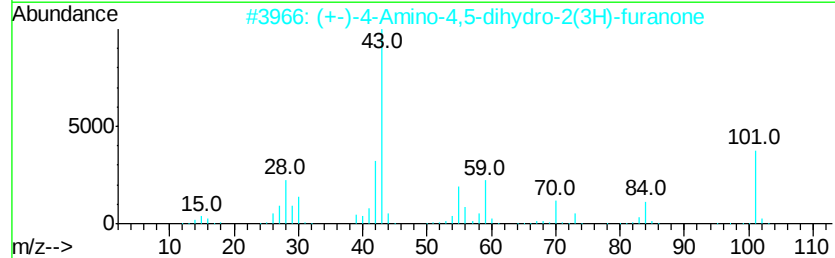
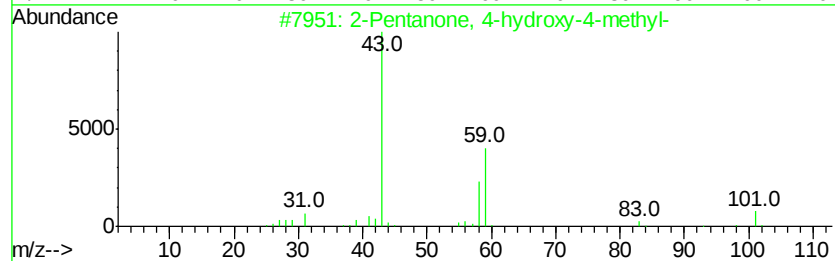
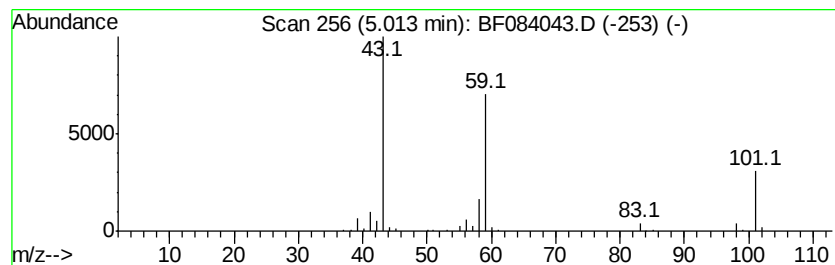
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
5.01	31.00 ng	490261	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		(+)-4-Amino-4,5-dihydro-2(3H)-furanone	101	C4H7NO2	016504-58-8	47
3		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
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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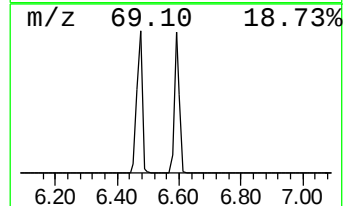
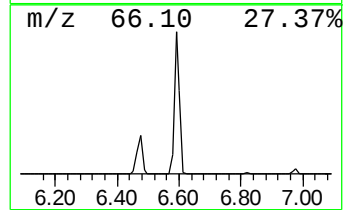
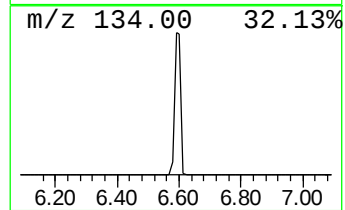
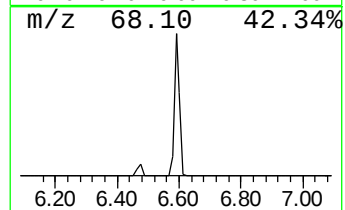
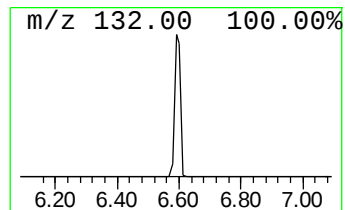
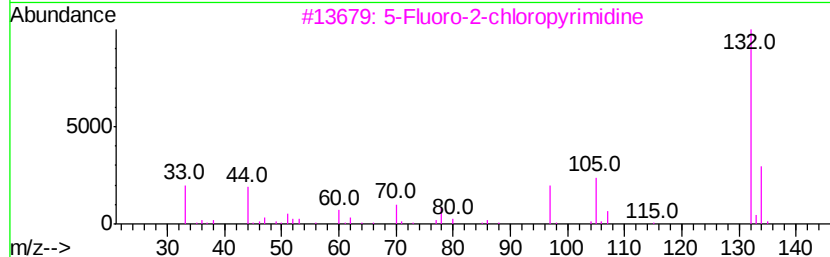
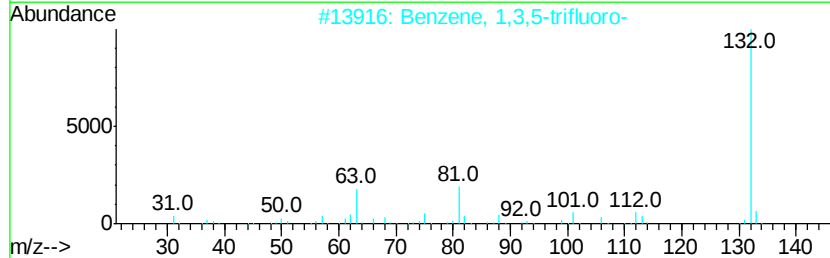
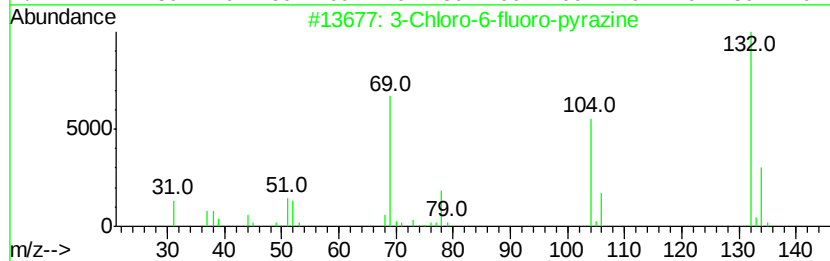
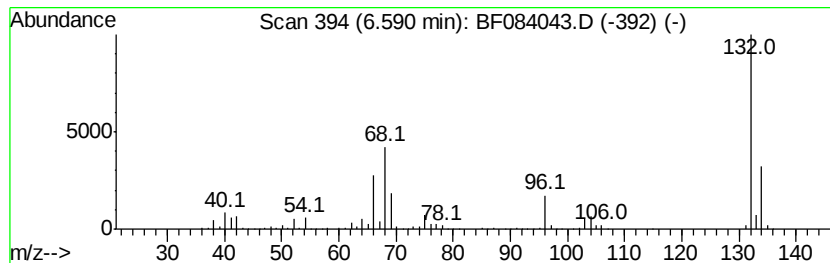
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	109.35 ng	1729640	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	14
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9



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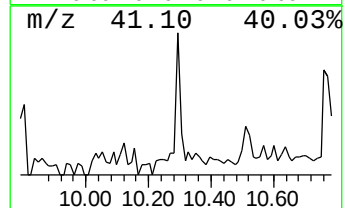
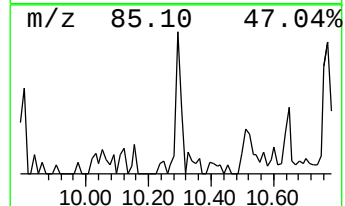
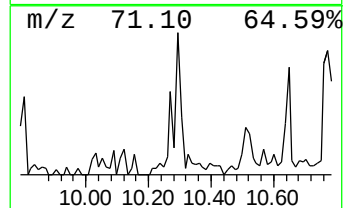
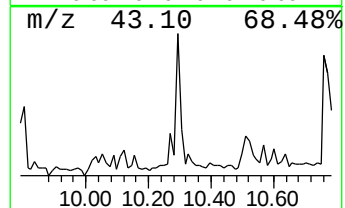
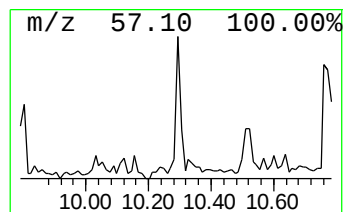
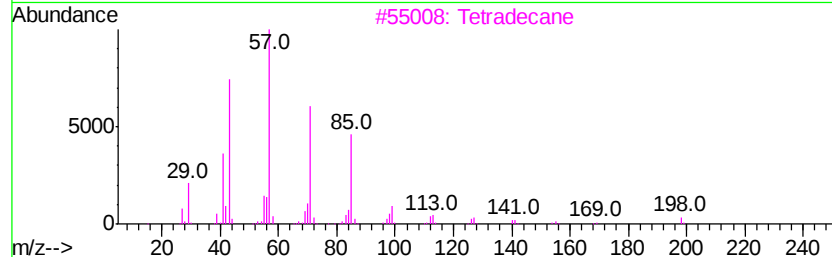
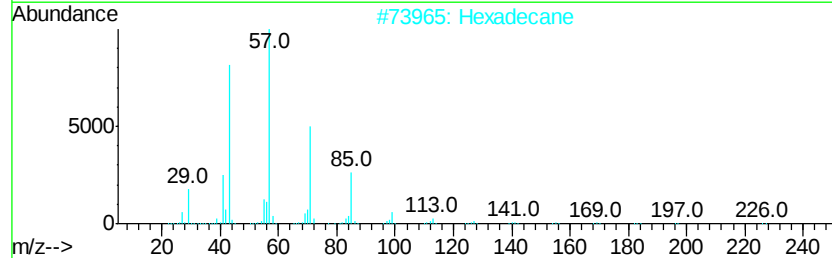
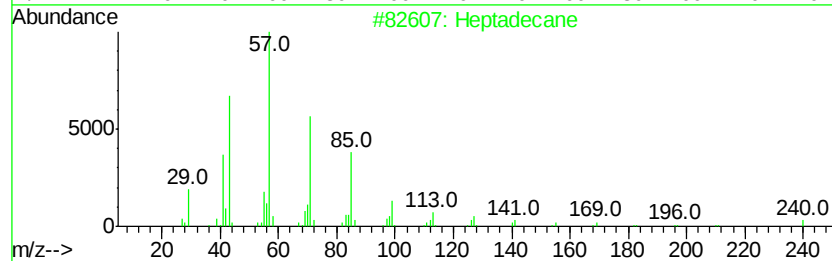
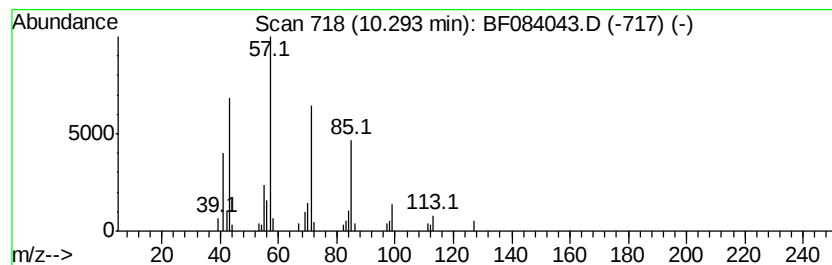
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.05 ng	49083	Acenaphthene-d10	9.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	90
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tetradecane		198	C14H30	000629-59-4	86
4	Pentadecane		212	C15H32	000629-62-9	86
5	Nonadecane		268	C19H40	000629-92-5	86



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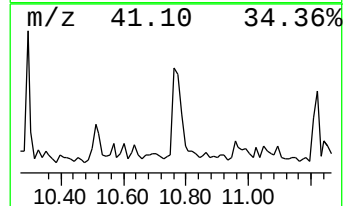
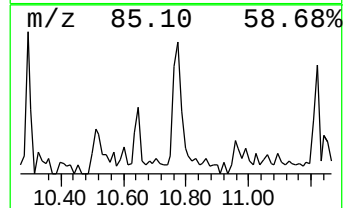
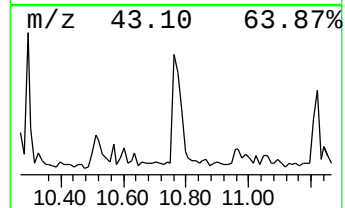
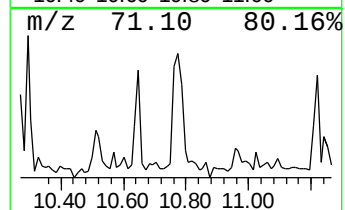
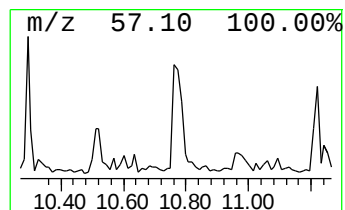
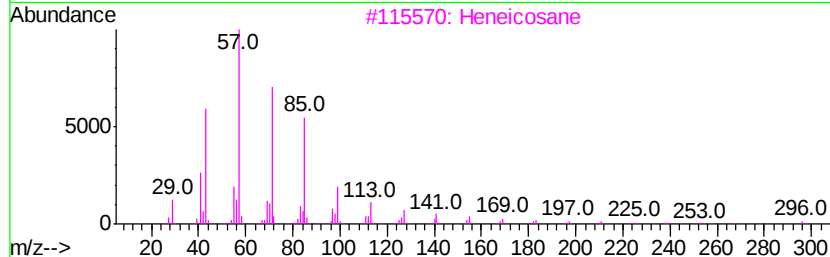
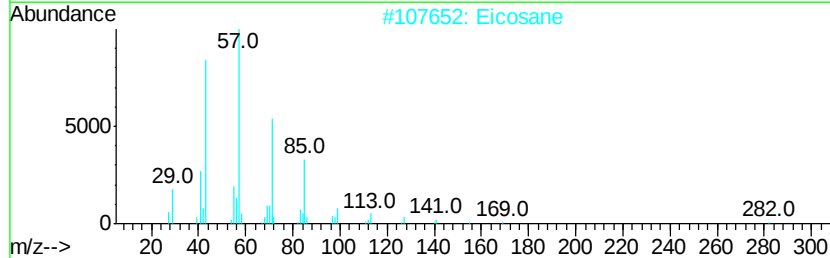
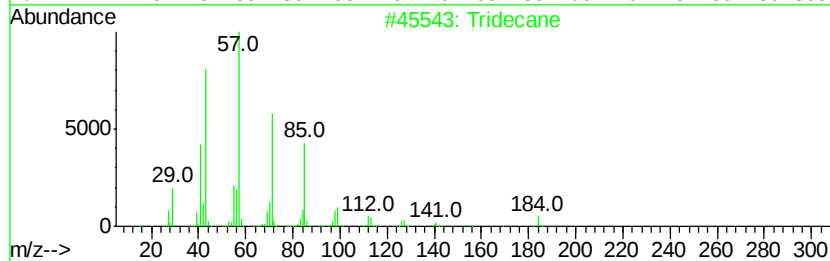
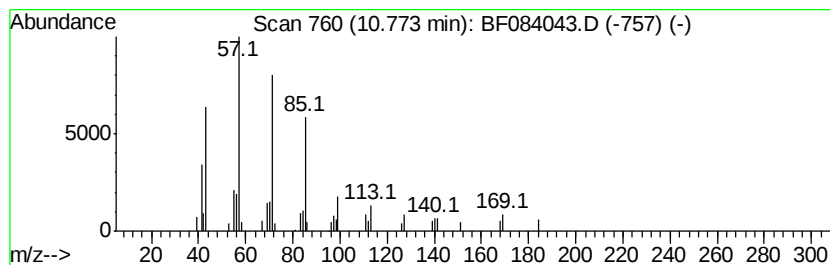
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Tridecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	3.87 ng	84431	Phenanthrene-d10	11.34

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Eicosane	282	C20H42	000112-95-8	87
3	Heneicosane	296	C21H44	000629-94-7	87
4	Octadecane	254	C18H38	000593-45-3	87
5	Tritetracontane	605	C43H88	007098-21-7	86



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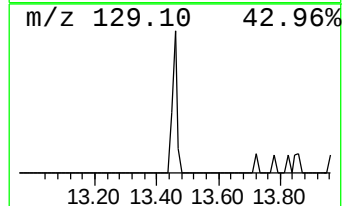
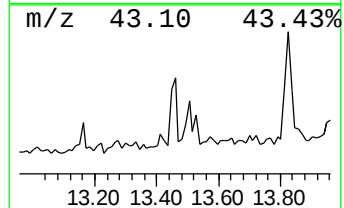
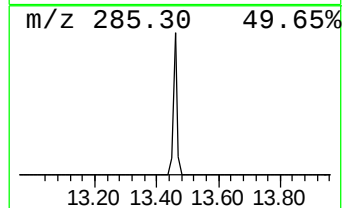
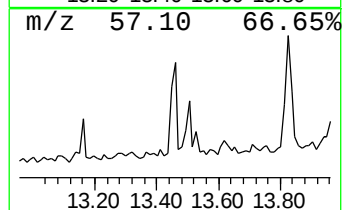
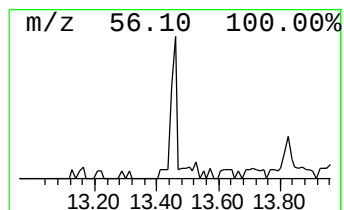
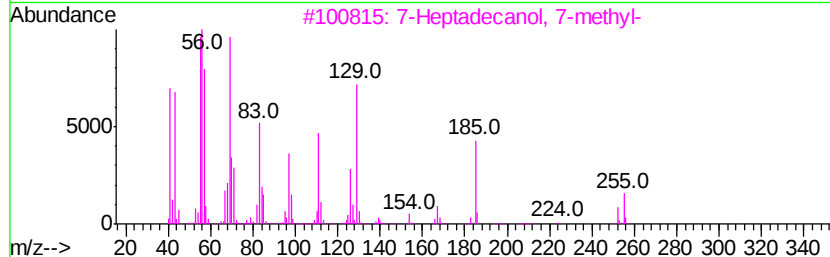
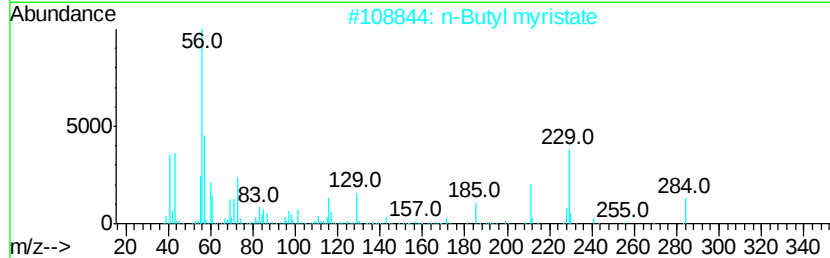
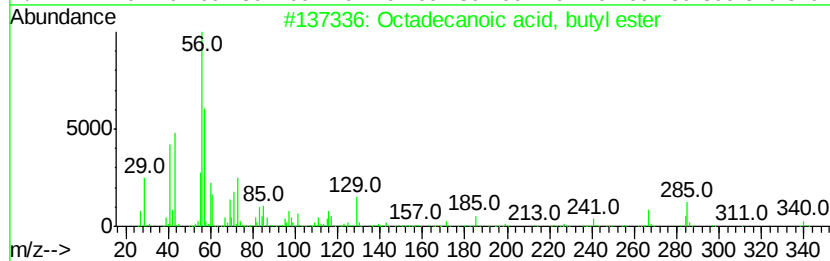
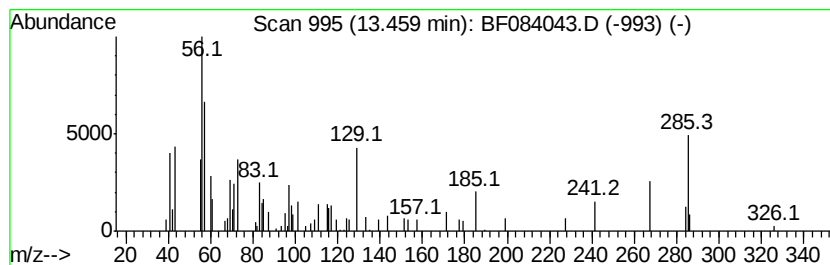
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TIC Library : C:\DATABASE\NIST02.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 6 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.46	3.17 ng	55770	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	72
2			n-Butyl myristate	284	C18H36O2	000110-36-1	46
3			7-Heptadecanol, 7-methyl-	270	C18H38O	055723-93-8	37
4			n-Pentanol, 3-methyl-5-[1-cycloa...	143	C8H17NO	1000251-59-9	14
5			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084043.D
Acq On : 23 Dec 2015 19:45
Operator : UM/SJ
Sample : G4912-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

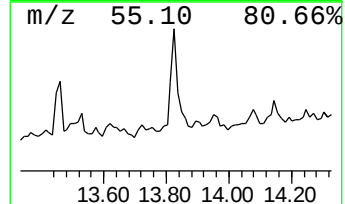
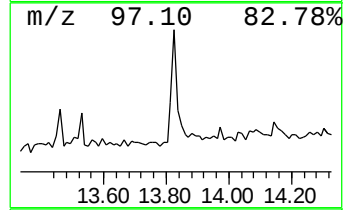
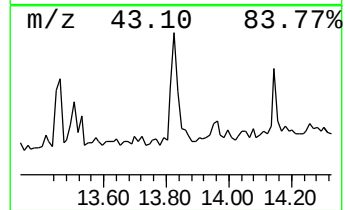
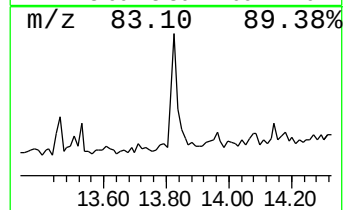
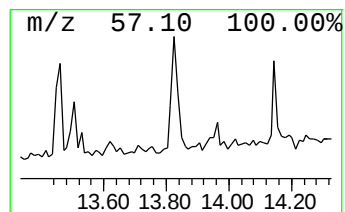
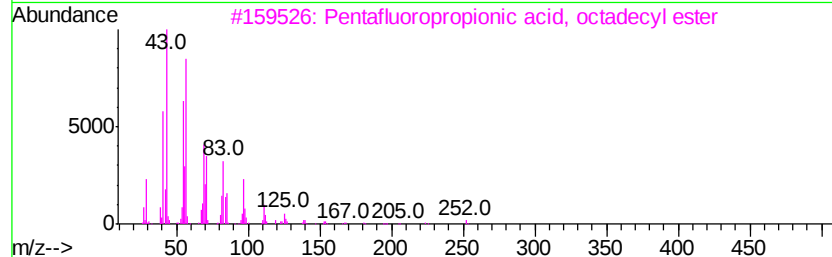
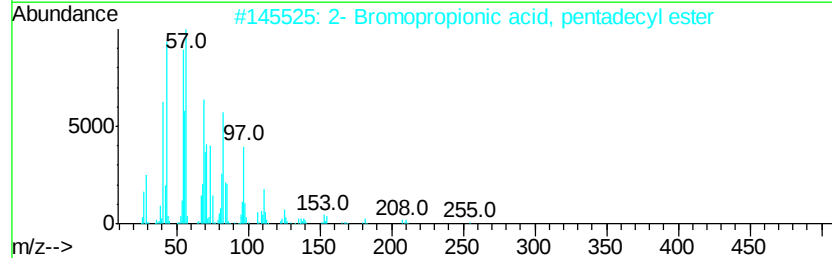
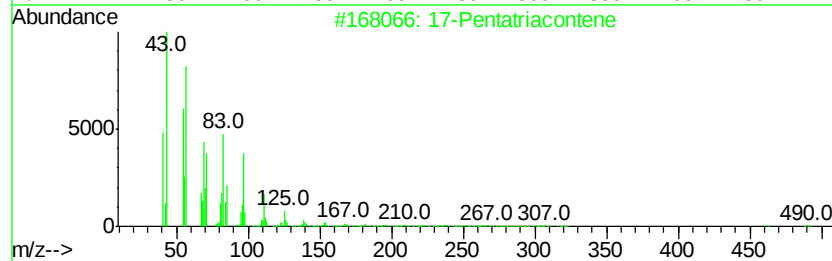
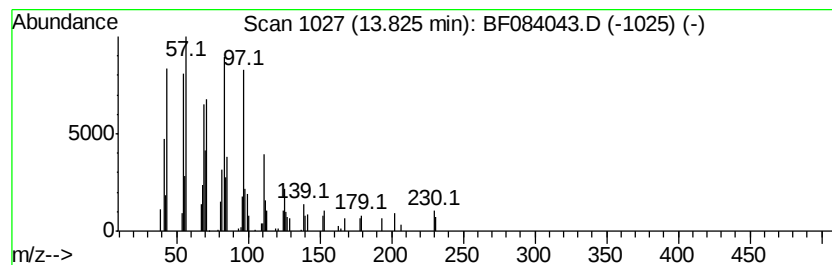
Instrument :
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ClientSampleId :
STOCKPILE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	4.59 ng	80786	Chrysene-d12	13.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	17-Pentatriacontene	491 C35H70	006971-40-0	91
2	2- Bromopropionic acid, pentadec...	362 C18H35BrO2	1000292-44-2	90
3	Pentafluoropropionic acid, octad...	416 C21H37F5O2	1000280-07-7	80
4	1-Docosene	308 C22H44	001599-67-3	80
5	Dichloroacetic acid, tetradecyl ...	324 C16H30Cl2O2	083005-02-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084043.D
Acq On : 23 Dec 2015 19:45
Operator : UM/SJ
Sample : G4912-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-3(0-2)

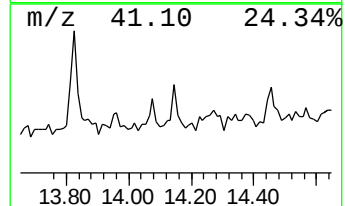
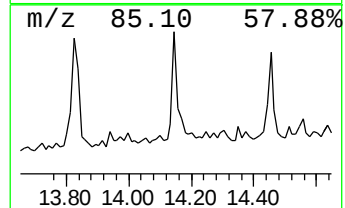
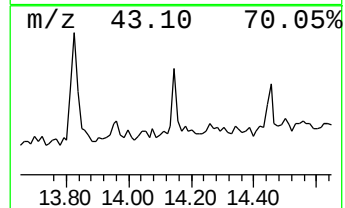
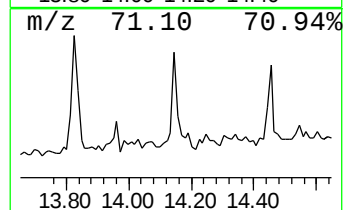
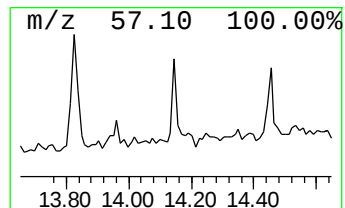
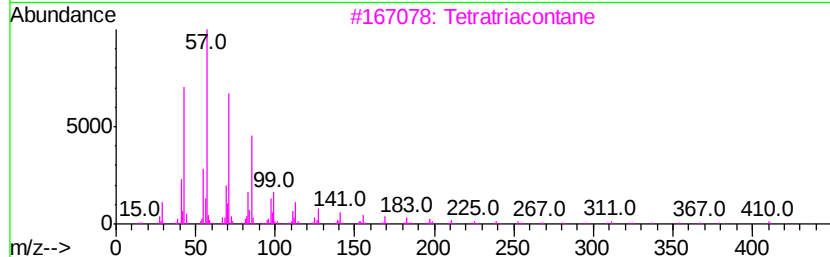
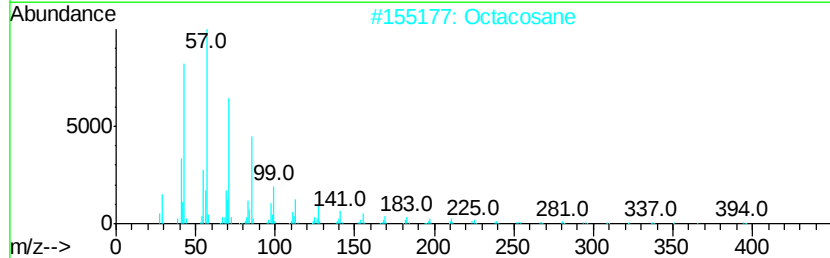
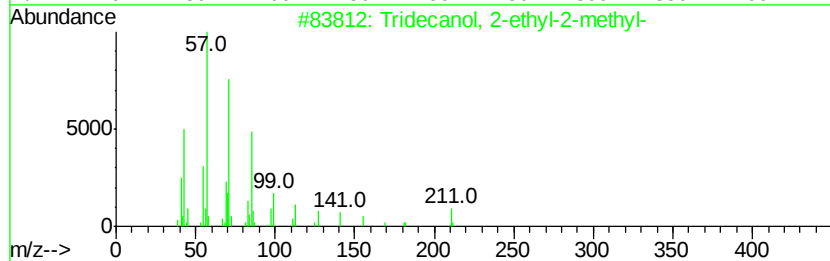
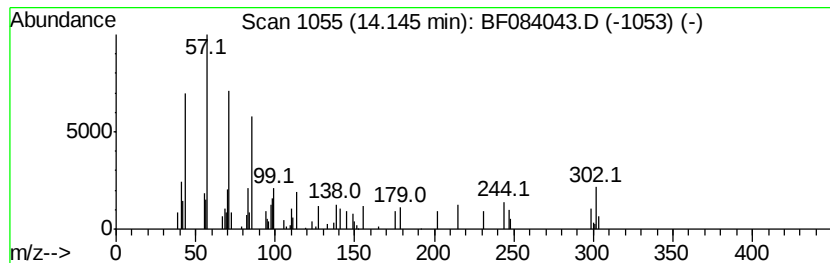
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown14.15 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.15	2.03 ng	35708	Chrysene-d12	13.97

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	46
2			Octacosane	394	C28H58	000630-02-4	46
3			Tetratriacontane	479	C34H70	014167-59-0	46
4			Heptacosane	380	C27H56	000593-49-7	43
5			Tetracosane	338	C24H50	000646-31-1	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
Data File : BF084043.D
Acq On : 23 Dec 2015 19:45
Operator : UM/SJ
Sample : G4912-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

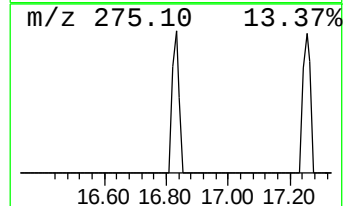
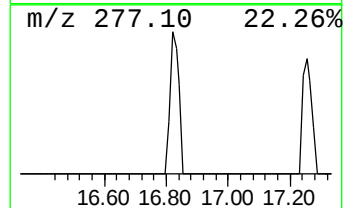
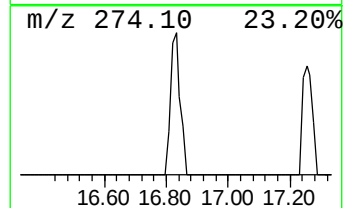
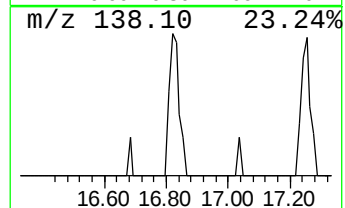
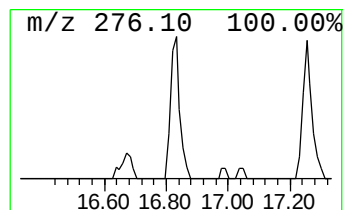
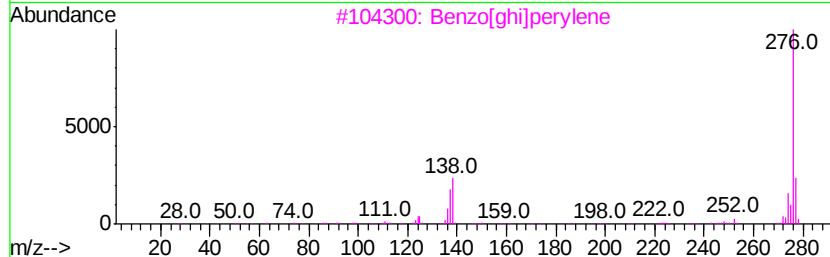
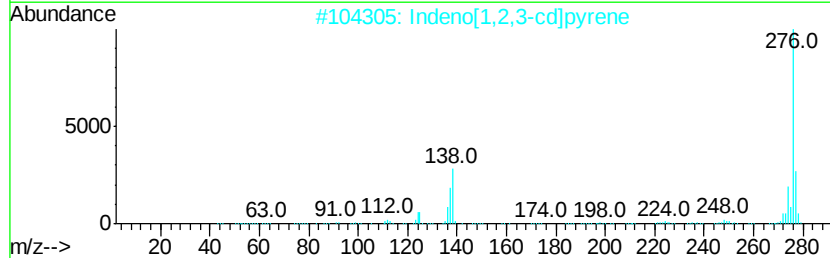
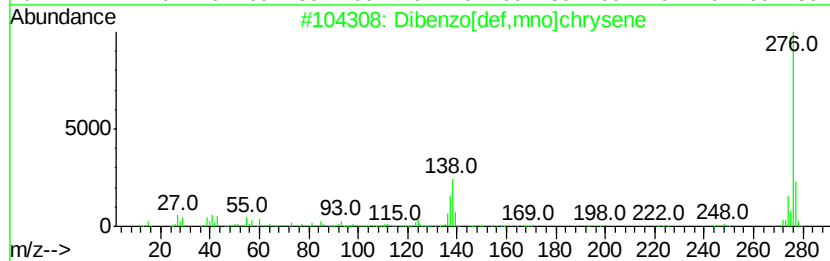
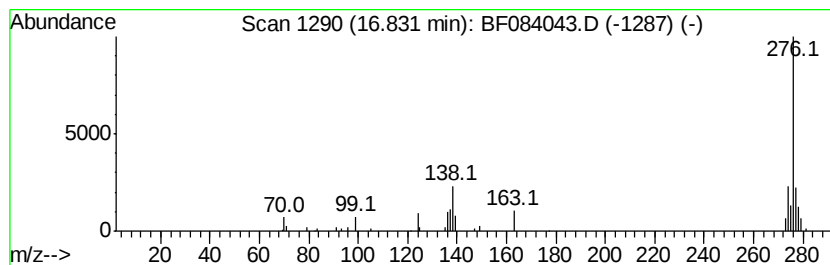
Instrument :
BNA_F
ClientSampleId :
STOCKPILE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.83	3.07 ng	47686	Perylene-d12	15.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	70
2	Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	59
3	Benzo[ghi]perylene	276	C22H12	000191-24-2	58
4	Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	53
5	2-Amino-3-cyano-4,5-diphenylthio...	276	C17H12N2S	042160-34-9	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122315\
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Acq On : 23 Dec 2015 19:45
Operator : UM/SJ
Sample : G4912-05
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STOCKPILE-3(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122215.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...	5.01	31.0	ng	490261	1	6.82	316339	20.0
unknown6.59	6.59	109.3	ng	1729640	1	6.82	316339	20.0
Heptadecane	10.29	2.0	ng	49083	3	9.86	478012	20.0
Tridecane	10.77	3.9	ng	84431	4	11.34	435874	20.0
Octadecanoic acid...	13.46	3.2	ng	55770	5	13.97	351645	20.0
17-Pentatriacontene	13.83	4.6	ng	80786	5	13.97	351645	20.0
unknown14.15	14.15	2.0	ng	35708	5	13.97	351645	20.0
Dibenzo[def,mno]c...	16.83	3.1	ng	47686	6	15.40	311071	20.0