

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082097.D
 Acq On : 6 Oct 2015 21:44
 Operator : UM/IZ
 Sample : G3928-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OS-SB-22(16-18)

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-BF092815.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	5.074	253	257	267	rVB	620220	1064496	50.62%	5.025%
2	5.486	290	293	295	rBV	1960778	2102953	100.00%	9.928%
3	5.703	310	312	315	rVB	30243	32008	1.52%	0.151%
4	6.514	381	383	386	rBV	1513691	2036048	96.82%	9.612%
5	6.652	392	395	397	rBV	2243601	2098038	99.77%	9.905%
6	6.880	413	415	418	rBV	453495	416850	19.82%	1.968%
7	7.040	426	429	431	rBV	1788523	1550249	73.72%	7.319%
8	7.292	449	451	458	rVB	57440	63794	3.03%	0.301%
9	7.452	462	465	467	rBV	1233945	1195386	56.84%	5.643%
10	7.532	470	472	476	rVB2	17209	40235	1.91%	0.190%
11	8.069	517	519	522	rBV	46825	48577	2.31%	0.229%
12	8.172	525	528	530	rBV	651952	569075	27.06%	2.687%
13	9.120	609	611	613	rVB	29826	42404	2.02%	0.200%
14	9.246	619	622	624	rBV	2262899	2006483	95.41%	9.472%
15	9.646	654	657	658	rBV	366863	379413	18.04%	1.791%
16	9.921	679	681	683	rBV	438024	604301	28.74%	2.853%
17	10.321	715	716	717	rBV	24616	29756	1.41%	0.140%
18	10.355	717	719	720	rVB	26806	31684	1.51%	0.150%
19	10.721	748	751	753	rBV	1332912	1436017	68.29%	6.779%
20	10.823	758	760	763	rVV	58138	72999	3.47%	0.345%
21	10.881	763	765	767	rVV	51948	50333	2.39%	0.238%
22	10.961	771	772	774	rBV2	42420	42813	2.04%	0.202%
23	11.292	797	801	805	rVB2	160614	206075	9.80%	0.973%
24	11.418	809	812	813	rBV	455535	547731	26.05%	2.586%
25	11.646	828	832	834	rBV5	14735	33162	1.58%	0.157%
26	11.704	834	837	838	rVB	22585	28128	1.34%	0.133%
27	11.944	853	858	864	rBV4	41050	112238	5.34%	0.530%
28	12.024	864	865	870	rVB	22736	37135	1.77%	0.175%
29	12.104	870	872	875	rBV	22160	22634	1.08%	0.107%
30	12.458	902	903	905	rBV2	19336	25531	1.21%	0.121%
31	12.526	908	909	914	rVB	21324	33521	1.59%	0.158%
32	12.629	916	918	920	rBV	73604	81538	3.88%	0.385%
33	12.858	935	938	939	rBV	74431	94732	4.50%	0.447%
34	12.881	939	940	946	rVB	78220	114324	5.44%	0.540%

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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-BF092815.M
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35	13.007	948	951	953	rBV	1483196	1807420	85.95%	8.533%
36	13.578	998	1001	1005	rBV5	28631	63407	3.02%	0.299%
37	13.898	1027	1029	1033	rBV	172830	257670	12.25%	1.216%
38	14.024	1037	1040	1041	rBV	227585	369174	17.56%	1.743%
39	14.058	1041	1043	1046	rVV	465473	601466	28.60%	2.839%
40	14.104	1046	1047	1050	rVV	91372	83913	3.99%	0.396%
41	14.149	1050	1051	1054	rVB2	27325	27368	1.30%	0.129%
42	14.207	1054	1056	1059	rBV2	52323	84699	4.03%	0.400%
43	14.538	1081	1085	1087	rBV2	41073	108686	5.17%	0.513%
44	15.155	1137	1139	1140	rVB	38547	48133	2.29%	0.227%
45	15.510	1167	1170	1179	rBV	302655	453376	21.56%	2.140%
46	15.944	1206	1208	1210	rVB	20800	26434	1.26%	0.125%

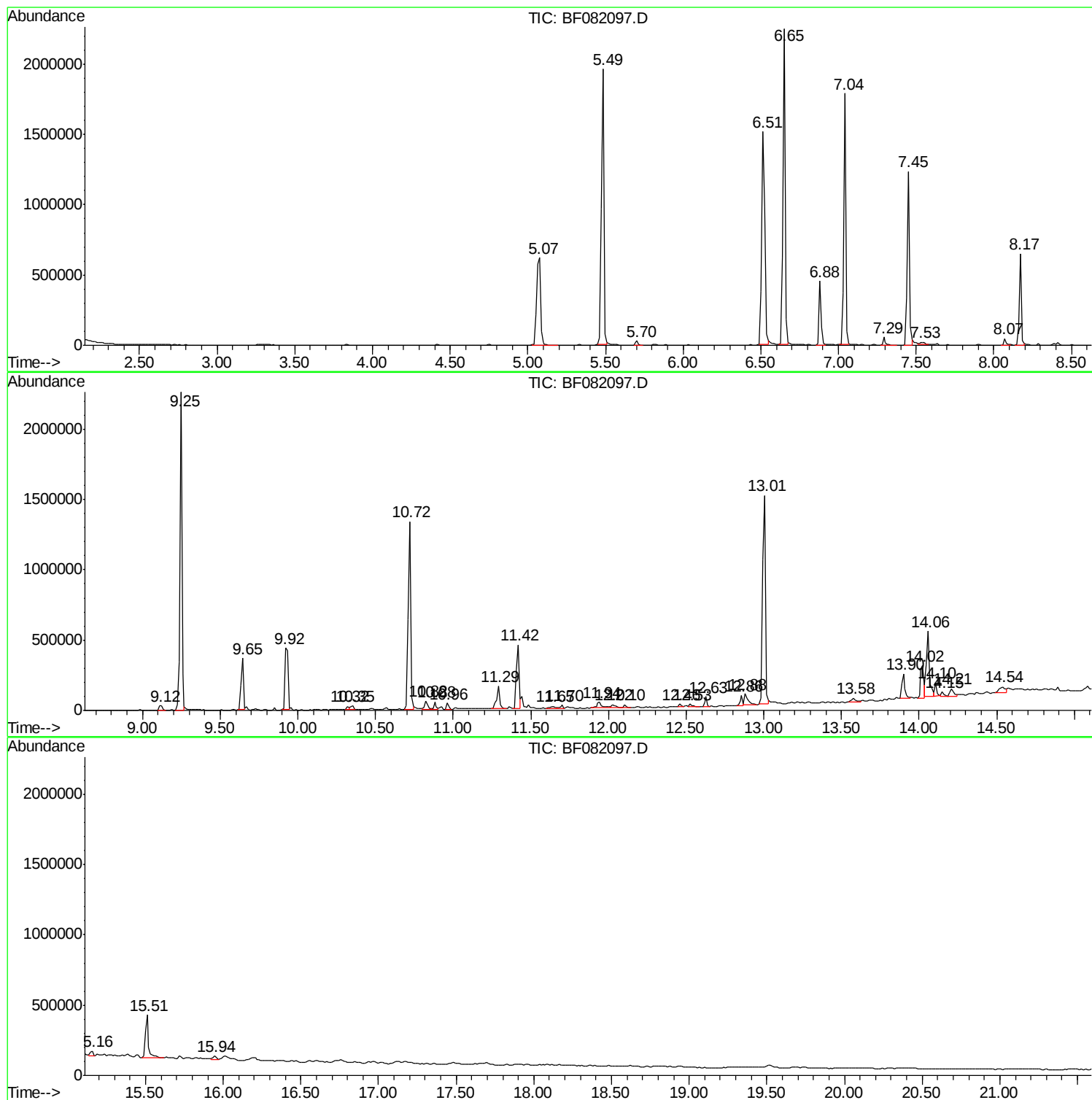
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ClientSampled :
OS-SB-22(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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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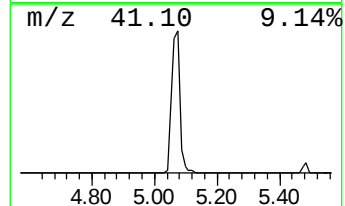
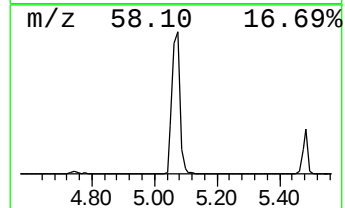
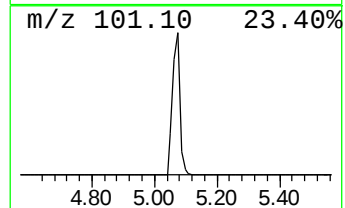
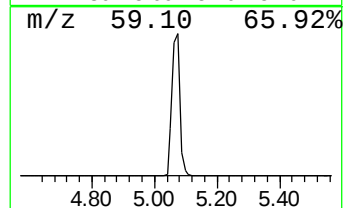
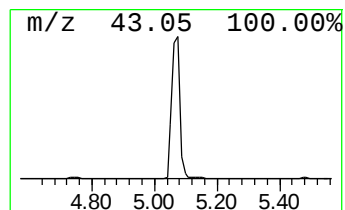
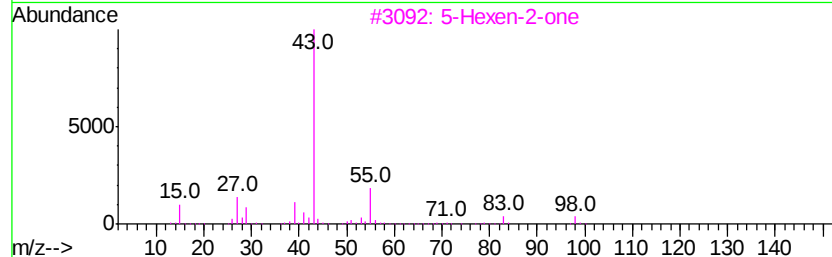
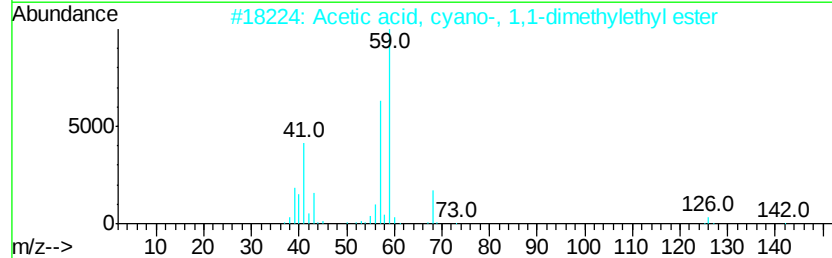
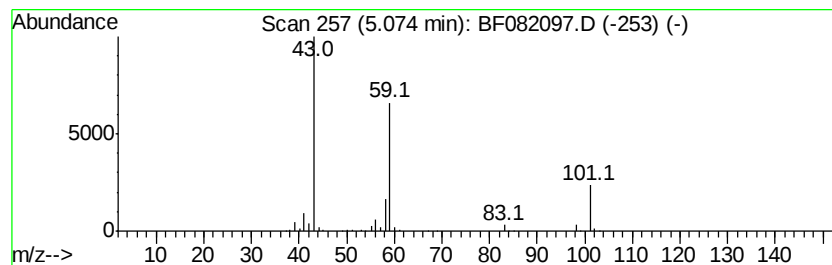
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	51.07 ng	1064500	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	17
3		5-Hexen-2-one	98	C6H10O	000109-49-9	9
4		Acetone	58	C3H6O	000067-64-1	9
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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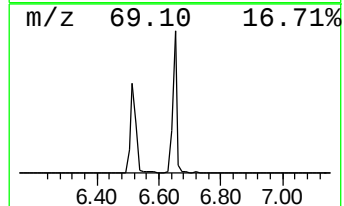
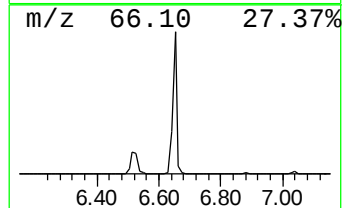
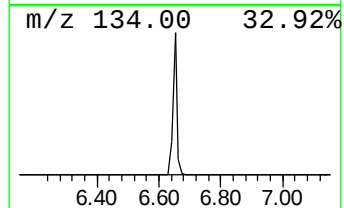
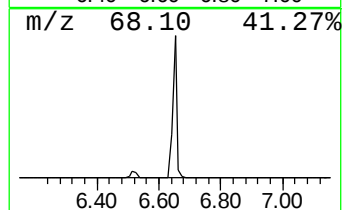
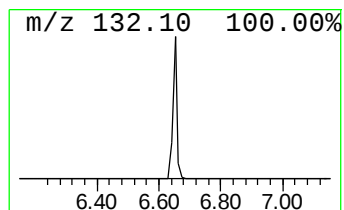
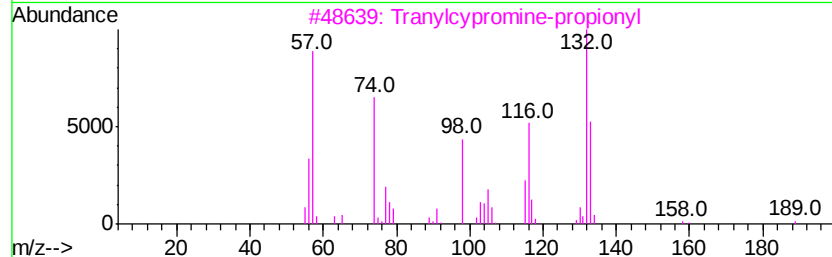
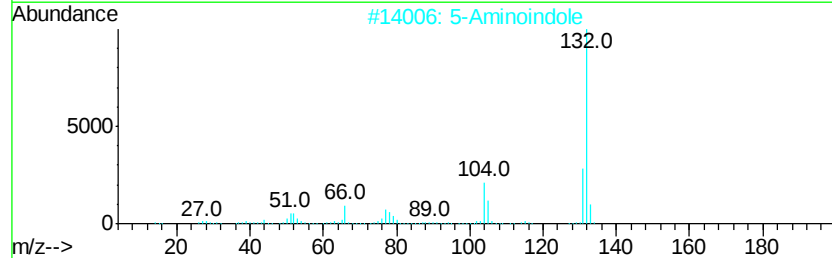
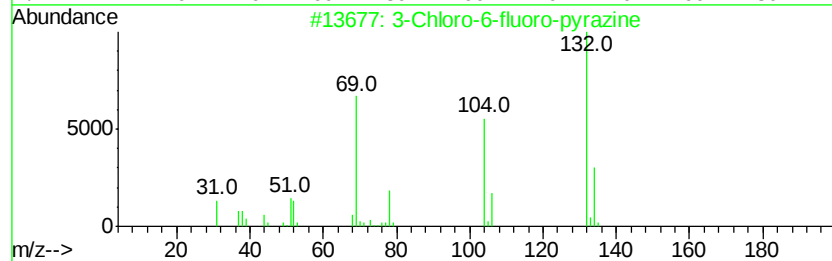
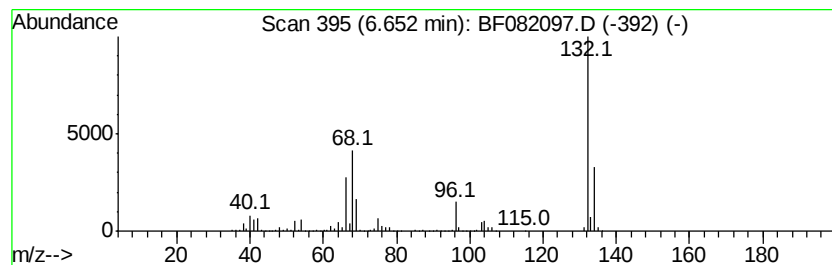
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Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	100.66 ng	2098040	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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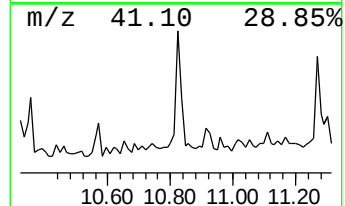
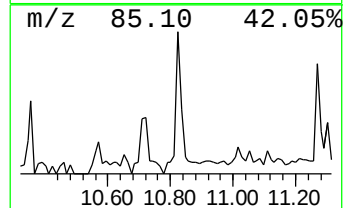
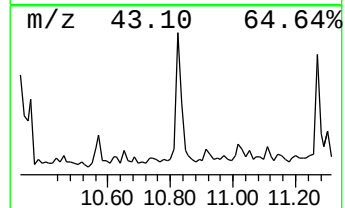
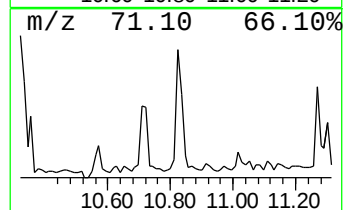
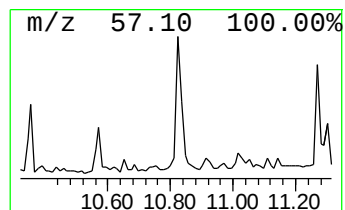
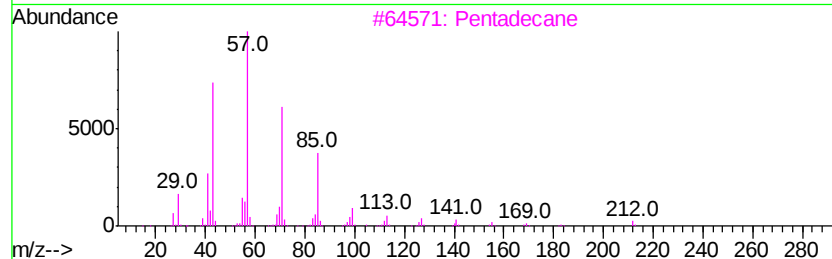
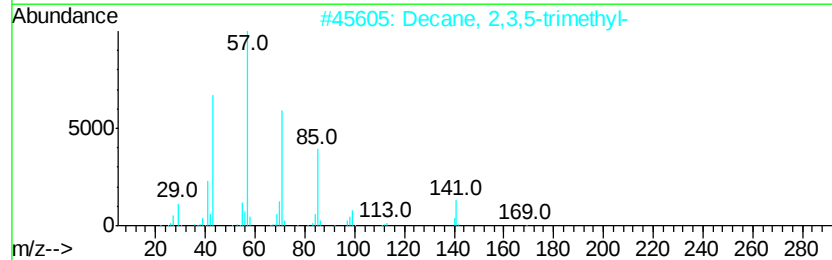
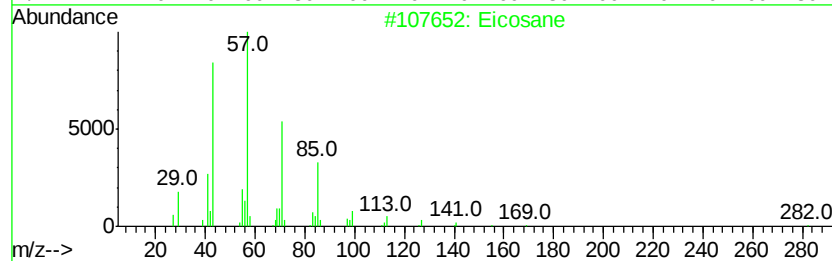
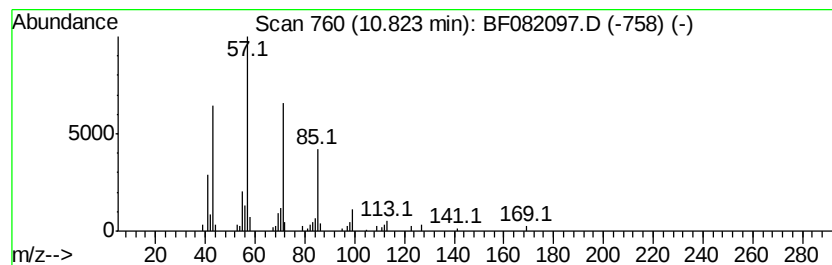
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Eicosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	2.67 ng	72999	Phenanthrene-d10	11.42
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Eicosane	282 C20H42	000112-95-8	91
2	Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3	90
3	Pentadecane	212 C15H32	000629-62-9	90
4	Octacosane	394 C28H58	000630-02-4	90
5	Tritetracontane	605 C43H88	007098-21-7	90



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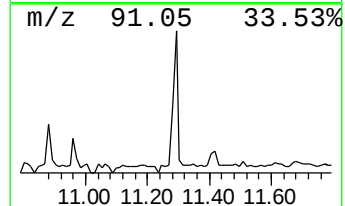
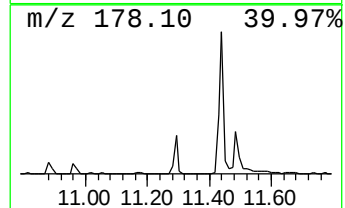
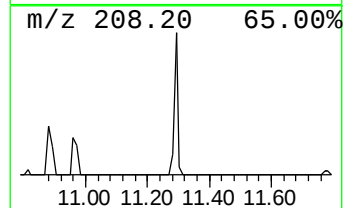
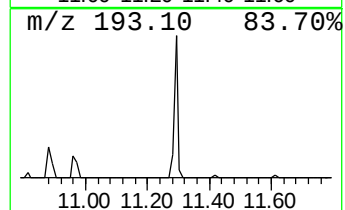
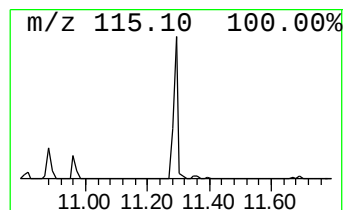
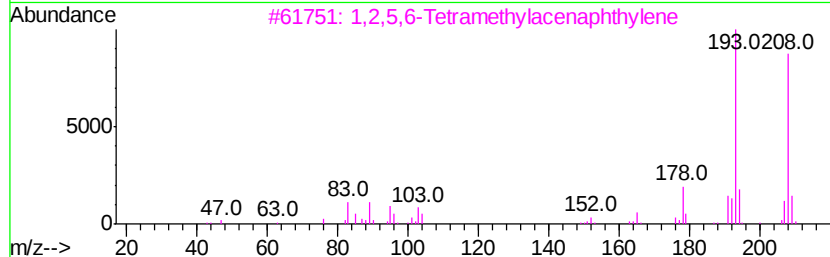
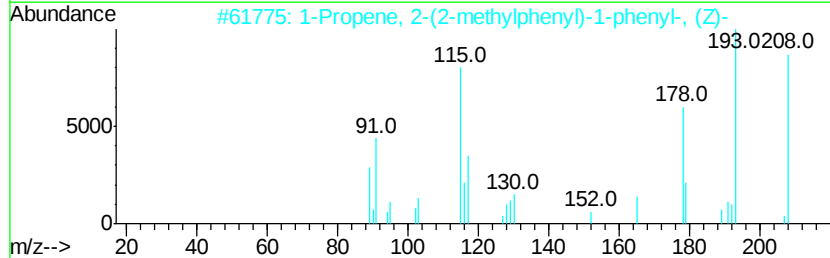
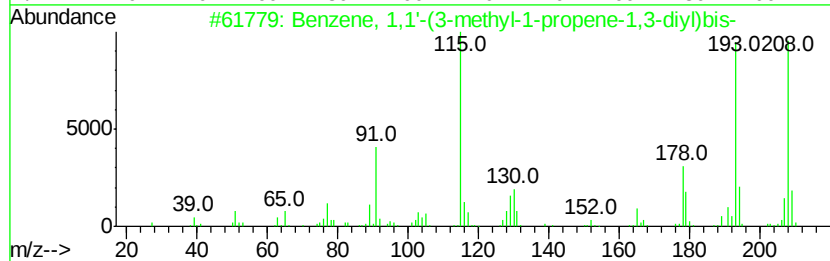
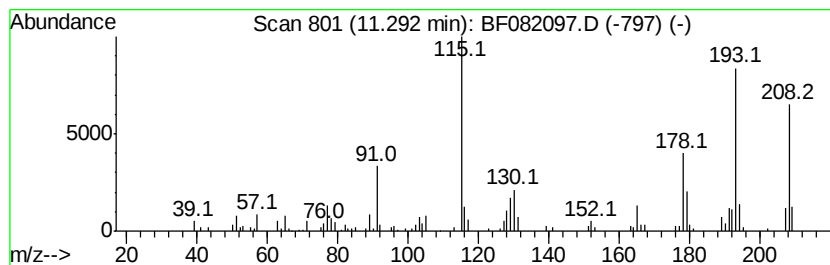
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzene, 1,1'-(3-methyl-1-p... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	7.52 ng	206075	Phenanthrene-d10	11.42

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzene, 1,1'-(3-methyl-1-propen...	208	C16H16	007614-93-9	96
2		1-Propene, 2-(2-methylphenyl)-1-...	208	C16H16	1000138-72-4	86
3		1,2,5,6-Tetramethylacenaphthylene	208	C16H16	132118-73-1	70
4		Benzene, 1,1'-(2-methyl-2-propen...	208	C16H16	070813-56-8	55
5		Anthracene, 9,10-dihydro-9,10-di...	208	C16H16	022566-43-4	50



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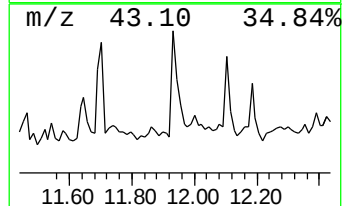
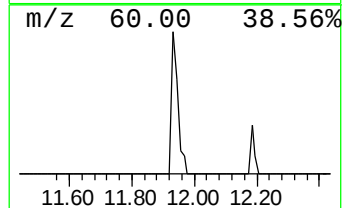
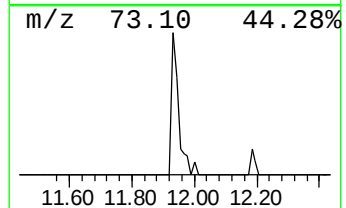
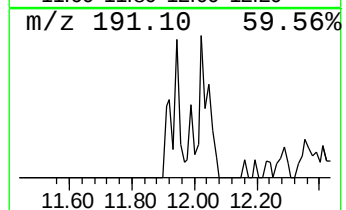
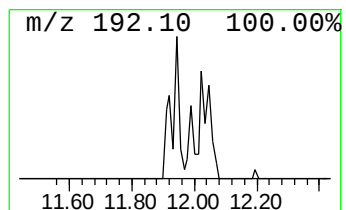
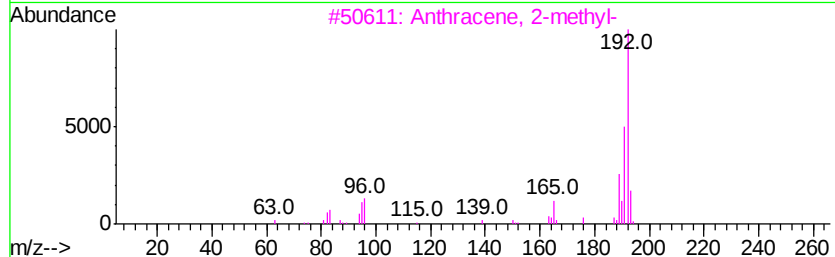
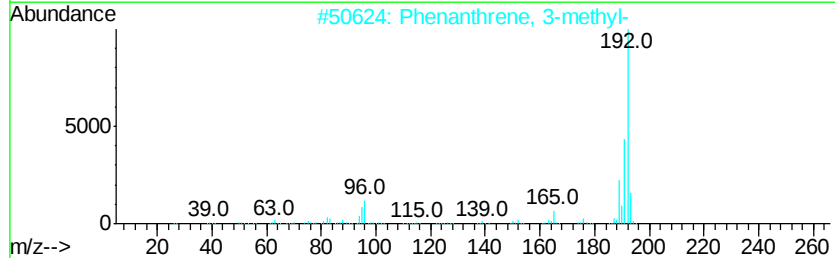
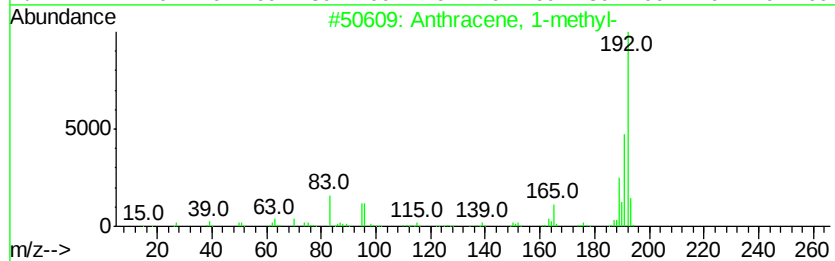
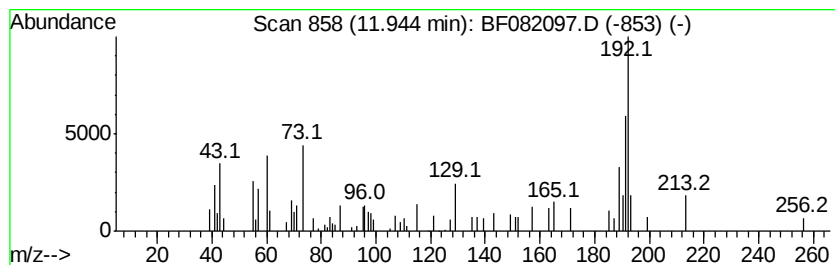
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Anthracene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	4.10 ng	112238	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	55
2		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	55
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	52
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	46
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
Data File : BF082097.D
Acq On : 6 Oct 2015 21:44
Operator : UM/IZ
Sample : G3928-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)

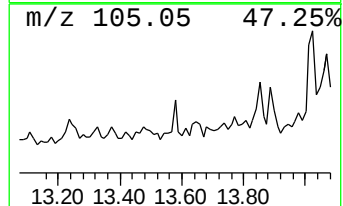
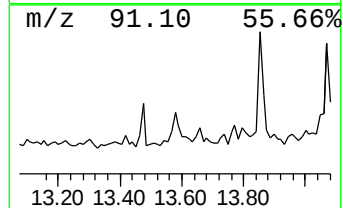
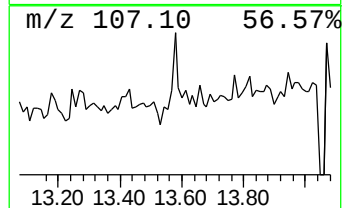
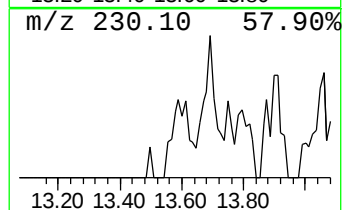
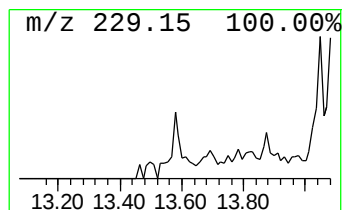
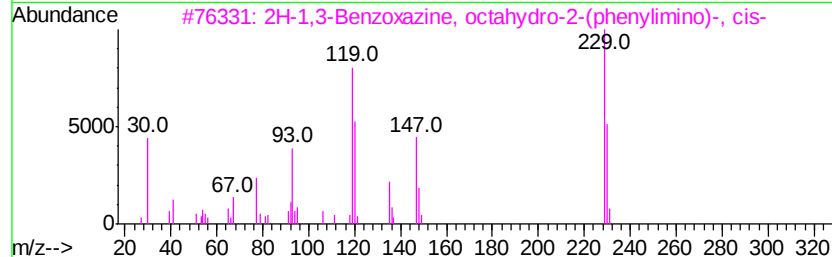
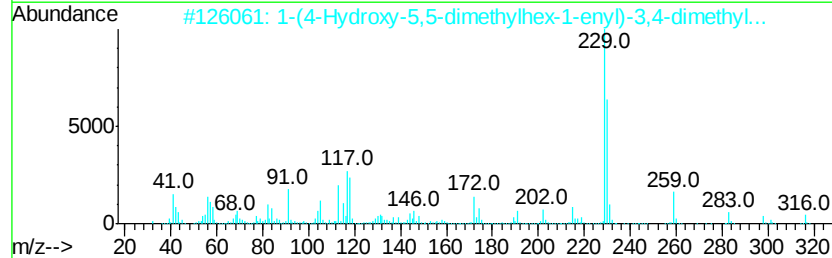
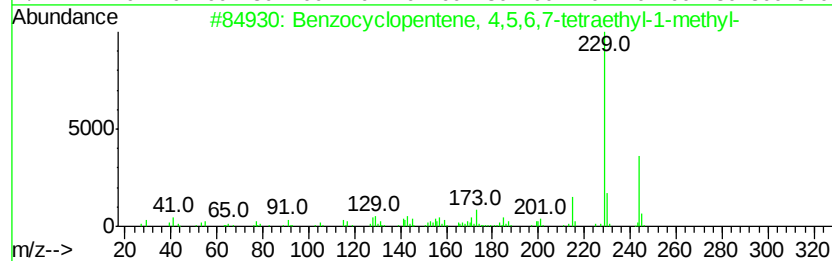
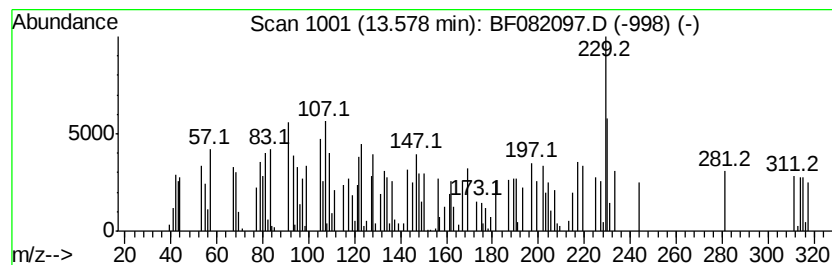
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown13.58 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	2.11 ng	63407	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzocyclopentene, 4,5,6,7-tetra...	244	C18H28	1000156-41-4	27
2		1-(4-Hydroxy-5,5-dimethylhex-1-e...	316	C19H28N2O2	1000210-26-7	27
3		2H-1,3-Benzoxazine, octahydro-2-...	230	C14H18N2O	1000138-91-9	27
4		Tetralin, 6-acetyl-8-isopropyl-2...	244	C17H24O	1000155-43-5	27
5		2H-1,3-Benzoxazine, octahydro-2-...	230	C14H18N2O	1000138-91-8	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082097.D
Acq On : 6 Oct 2015 21:44
Operator : UM/IZ
Sample : G3928-01
Misc :
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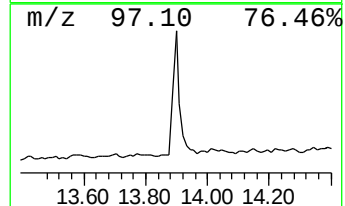
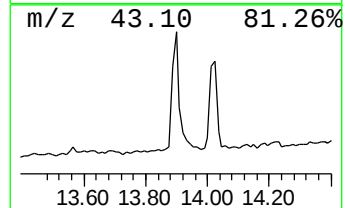
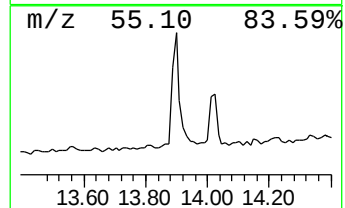
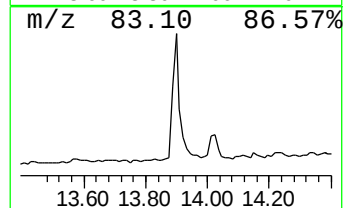
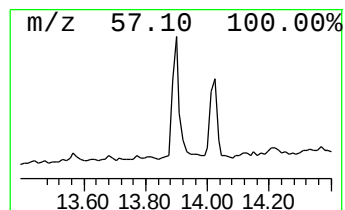
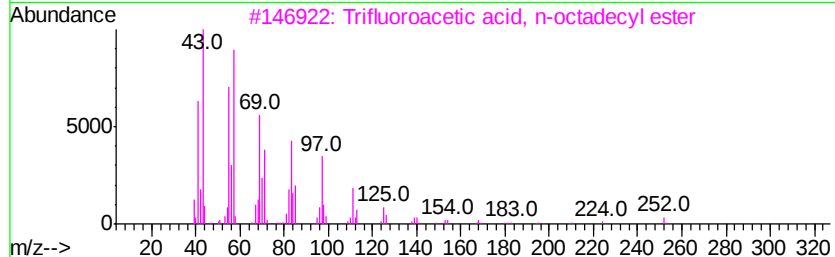
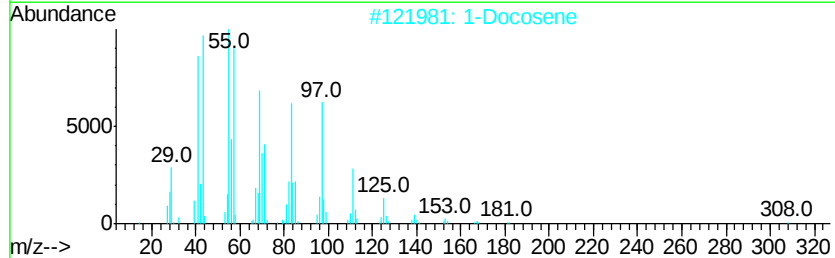
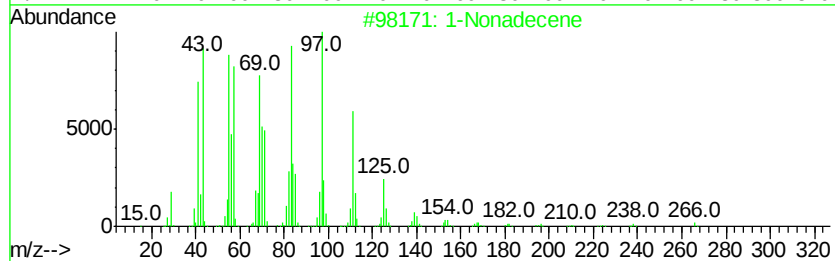
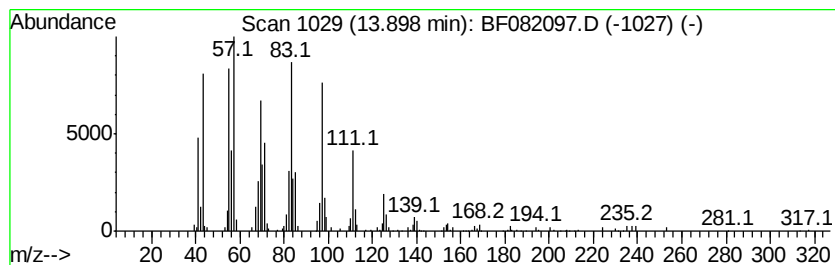
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ClientSampleId :
OS-SB-22(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 1-Nonadecene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.90	8.57 ng	257670	Chrysene-d12	14.06		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene		266	C19H38	018435-45-5	91
2	1-Docosene		308	C22H44	001599-67-3	91
3	Trifluoroacetic acid, n-octadecv...		366	C20H37F3O2	079392-43-1	91
4	Cvcloeicosane		280	C20H40	000296-56-0	91
5	Trichloroacetic acid, hexadecyl ...		386	C18H33Cl3O2	074339-54-1	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082097.D
Acq On : 6 Oct 2015 21:44
Operator : UM/IZ
Sample : G3928-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)

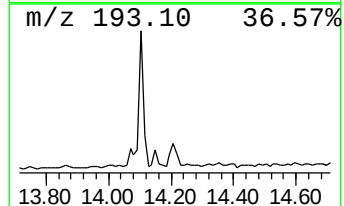
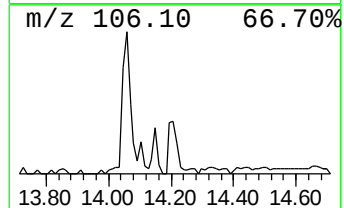
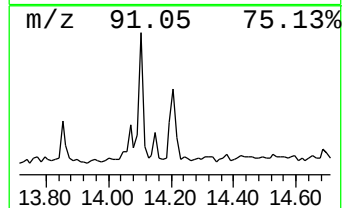
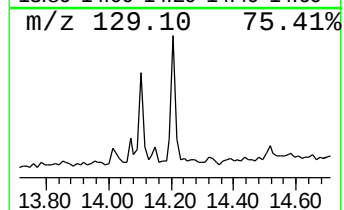
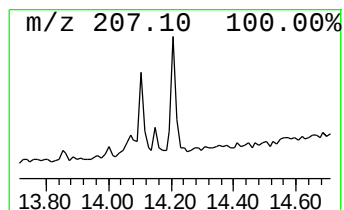
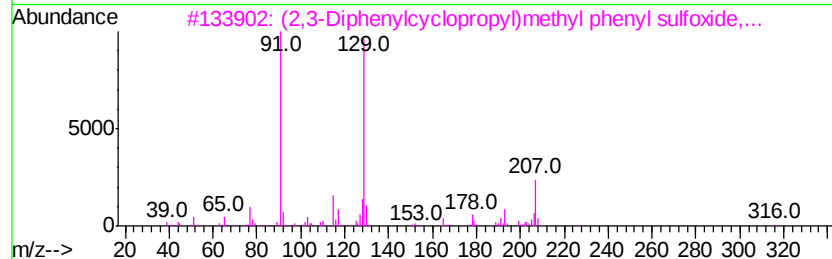
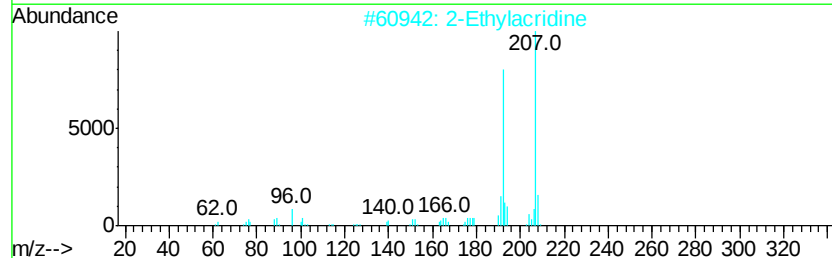
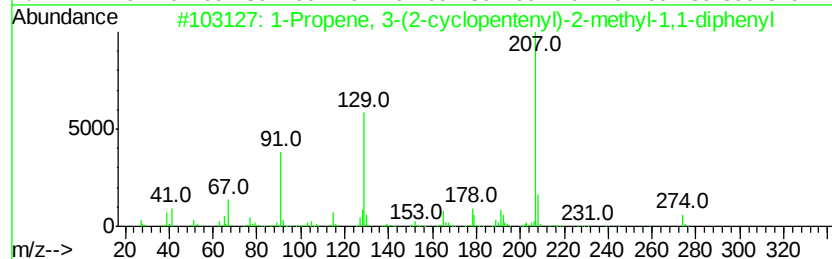
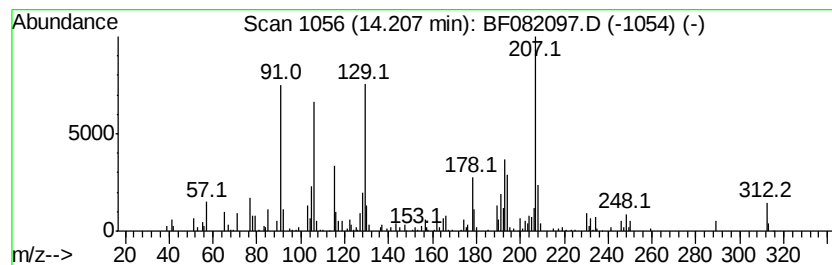
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown14.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.21	2.82 ng	84699	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	40
2		2-Ethylacridine	207	C15H13N	055751-83-2	38
3		(2,3-Diphenylcyclopropyl)methyl ...	332	C22H20OS	131758-71-9	38
4		2-Methyl-7-phenylindole	207	C15H13N	001140-08-5	22
5		9,10-Methanoanthracen-11-ol, 9,1...	250	C18H18O	126615-74-5	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
Data File : BF082097.D
Acq On : 6 Oct 2015 21:44
Operator : UM/IZ
Sample : G3928-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OS-SB-22(16-18)

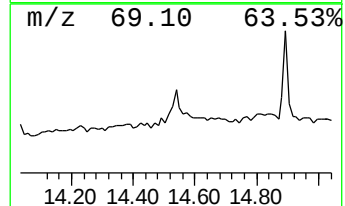
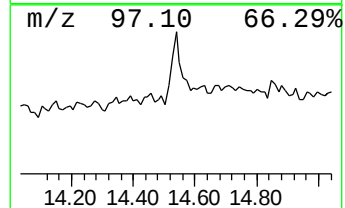
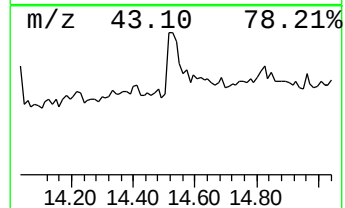
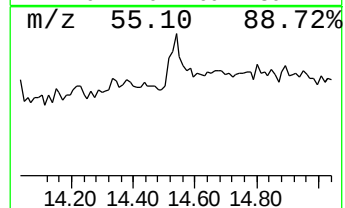
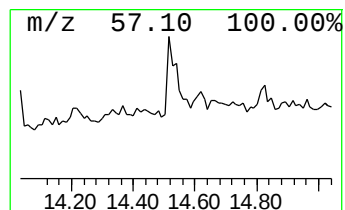
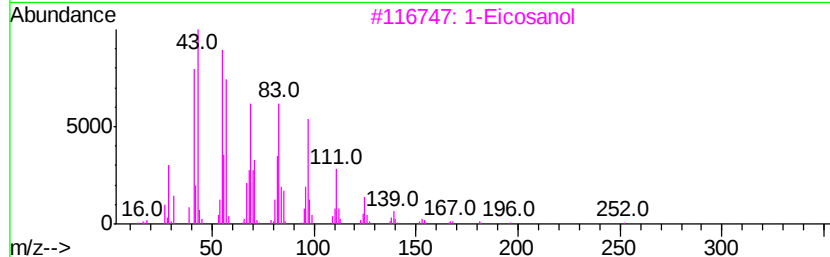
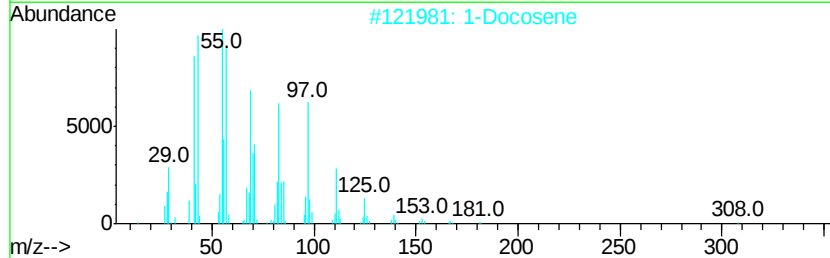
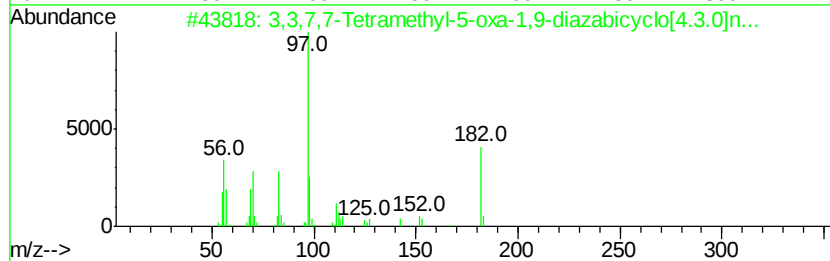
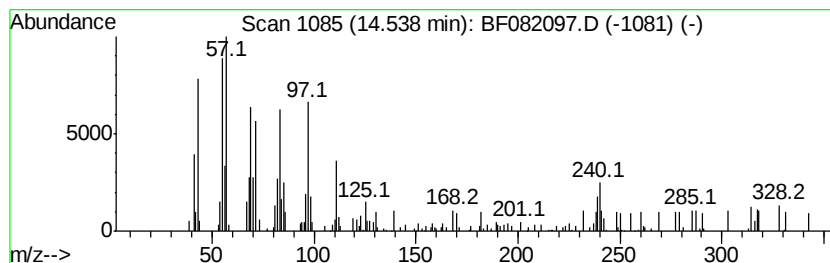
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown14.54 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.54	3.61 ng	108686	Chrysene-d12	14.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3,3,7,7-Tetramethyl-5-oxa-1,9-di...	182	C10H18N2O	090832-25-0	25
2			1-Docosene	308	C22H44	001599-67-3	15
3			1-Eicosanol	298	C20H42O	000629-96-9	11
4			Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	11
5			Cyclopentane, 1,1,3-trimethyl-	112	C8H16	004516-69-2	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
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Sample : G3928-01
Misc :
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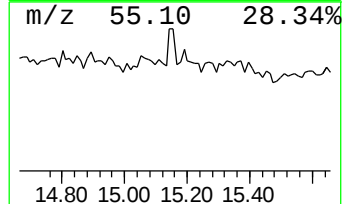
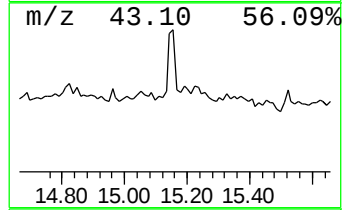
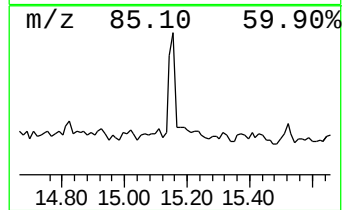
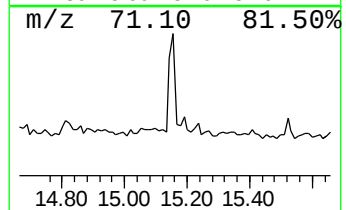
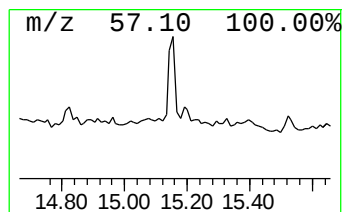
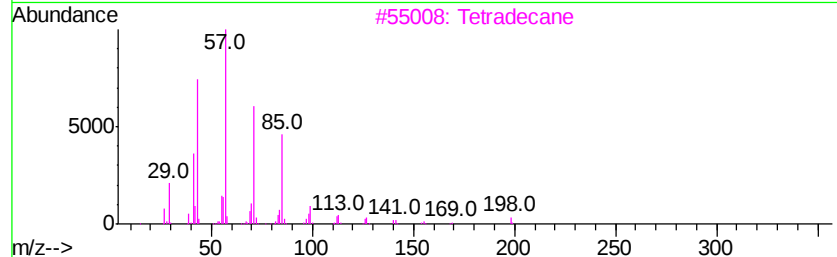
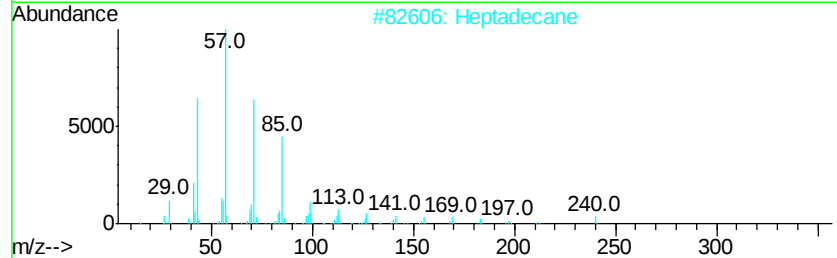
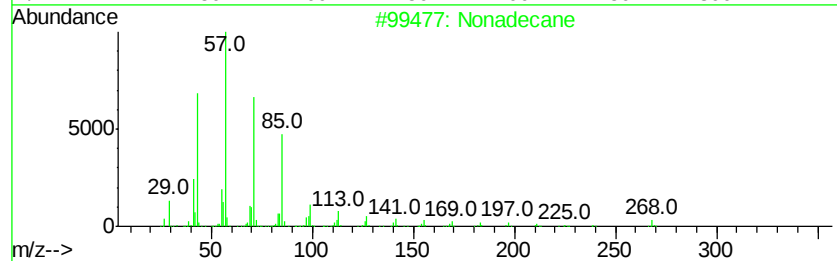
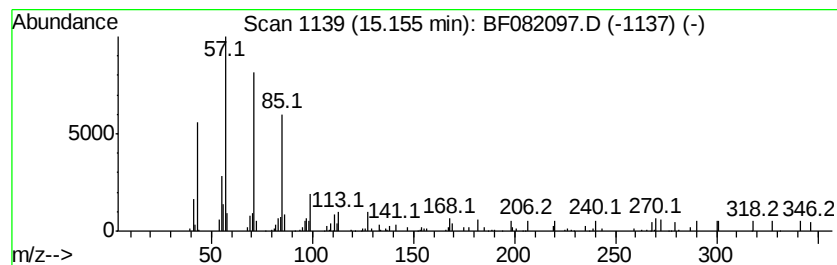
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OS-SB-22(16-18)

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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 Nonadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
15.16	2.12 ng	48133	Perylene-d12		15.51
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Heptadecane	240	C17H36	000629-78-7	89
3	Tetradecane	198	C14H30	000629-59-4	76
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
5	Hexadecane	226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100615\
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Instrument :
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ClientSampleId :
OS-SB-22(16-18)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.07	51.1 ng		1064500	1	6.88	416850	20.0
unknown6.65	6.65	100.7 ng		2098040	1	6.88	416850	20.0
Eicosane	10.82	2.7 ng		72999	4	11.42	547731	20.0
Benzene, 1,1'-(3-...	11.29	7.5 ng		206075	4	11.42	547731	20.0
Anthracene, 1-met...	11.94	4.1 ng		112238	4	11.42	547731	20.0
unknown13.58	13.58	2.1 ng		63407	5	14.06	601466	20.0
1-Nonadecene	13.90	8.6 ng		257670	5	14.06	601466	20.0
unknown14.21	14.21	2.8 ng		84699	5	14.06	601466	20.0
unknown14.54	14.54	3.6 ng		108686	5	14.06	601466	20.0
Nonadecane	15.16	2.1 ng		48133	6	15.51	453376	20.0