

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082377.D
 Acq On : 20 Oct 2015 2:39
 Operator : UM/IZ
 Sample : G4040-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-2.5-04

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-BF101015.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	4.297	187	189	197	rVB	22021	33860	1.02%	0.122%
2	4.983	245	249	258	rBV	1091318	1821094	54.89%	6.547%
3	5.406	283	286	288	rBV	2442389	2522618	76.03%	9.069%
4	5.794	318	320	323	rBV	34875	44967	1.36%	0.162%
5	6.446	374	377	380	rBV	1864589	2391700	72.08%	8.598%
6	6.571	386	388	391	rBV	2628480	2514368	75.78%	9.039%
7	6.800	406	408	411	rBV	615482	533575	16.08%	1.918%
8	6.960	419	422	424	rBV	2321743	2228828	67.17%	8.013%
9	7.372	455	458	461	rBV	1233739	1526160	46.00%	5.487%
10	8.092	518	521	523	rBV	772747	693395	20.90%	2.493%
11	9.177	613	616	618	rBV	3182200	3317978	100.00%	11.928%
12	9.566	648	650	653	rBV	467672	569025	17.15%	2.046%
13	9.852	672	675	677	rBV	853314	810769	24.44%	2.915%
14	10.183	701	704	706	rBV2	22594	40558	1.22%	0.146%
15	10.275	711	712	714	rVV	57799	57192	1.72%	0.206%
16	10.503	729	732	735	rBV2	24678	46105	1.39%	0.166%
17	10.640	742	744	747	rBV2	1478567	1738231	52.39%	6.249%
18	10.755	752	754	758	rVB	84931	129986	3.92%	0.467%
19	11.200	791	793	794	rBV	78450	69717	2.10%	0.251%
20	11.235	794	796	799	rVB2	45558	65415	1.97%	0.235%
21	11.338	803	805	809	rBV2	857527	974189	29.36%	3.502%
22	11.418	809	812	814	rVB2	33603	48039	1.45%	0.173%
23	11.578	824	826	829	rBV4	38421	67643	2.04%	0.243%
24	11.875	847	852	853	rBV2	83064	132929	4.01%	0.478%
25	11.955	857	859	864	rVB2	45675	74549	2.25%	0.268%
26	12.115	871	873	877	rBV2	40176	76941	2.32%	0.277%
27	12.549	909	911	914	rBV	198135	212263	6.40%	0.763%
28	12.652	918	920	923	rBV3	17821	33999	1.02%	0.122%
29	12.778	928	931	934	rVV2	157745	229804	6.93%	0.826%
30	12.938	942	945	947	rBV	2424907	2784373	83.92%	10.010%
31	13.224	968	970	974	rVB4	28660	52165	1.57%	0.188%
32	13.875	1024	1027	1031	rBV2	56013	116787	3.52%	0.420%
33	14.024	1037	1040	1041	rBV2	458956	695414	20.96%	2.500%
34	15.121	1134	1136	1141	rVB	81125	154113	4.64%	0.554%

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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

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-BF101015.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	15.475	1165	1167	1170	rBV	82252	124158	3.74%	0.446%
36	15.544	1170	1173	1180	rVB	367653	631573	19.03%	2.271%
37	16.195	1228	1230	1235	rVB	86524	156411	4.71%	0.562%
38	16.618	1265	1267	1270	rVB	60677	94766	2.86%	0.341%

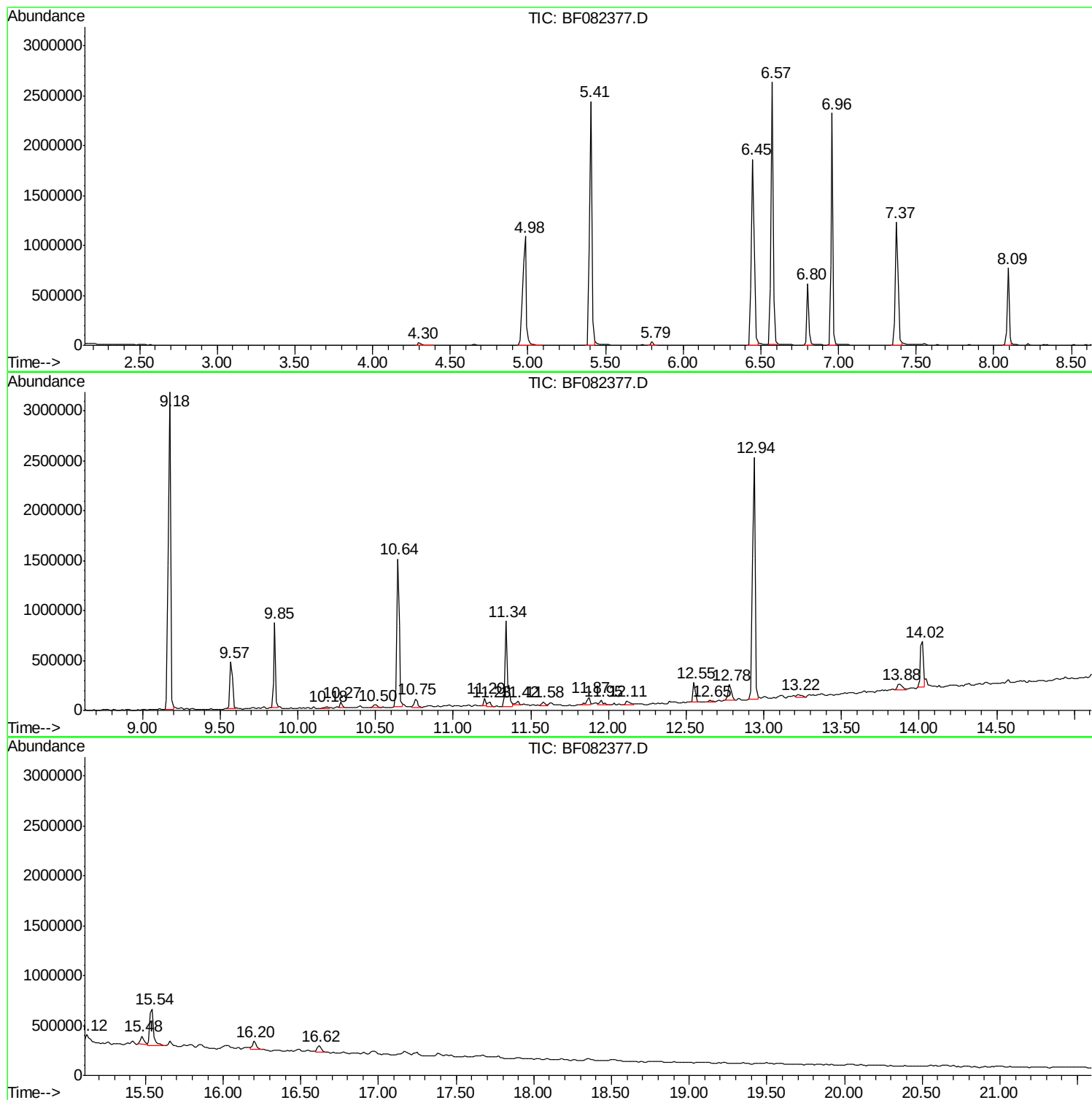
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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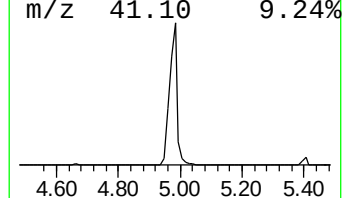
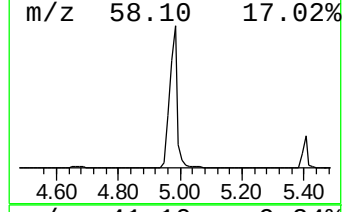
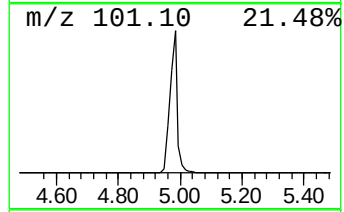
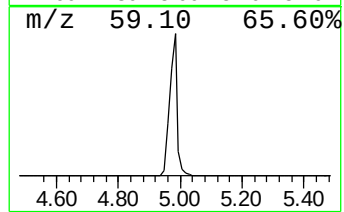
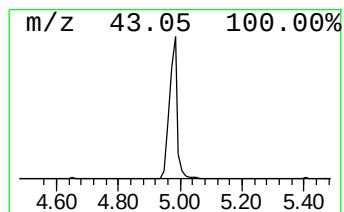
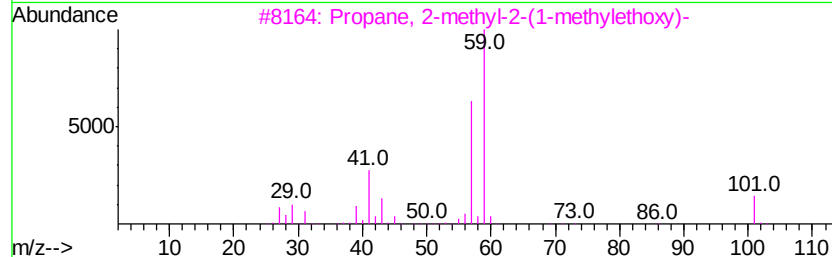
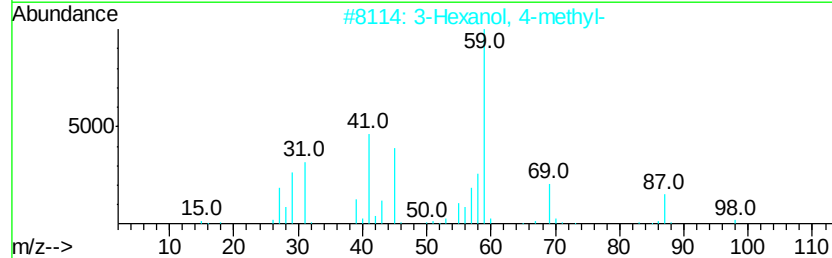
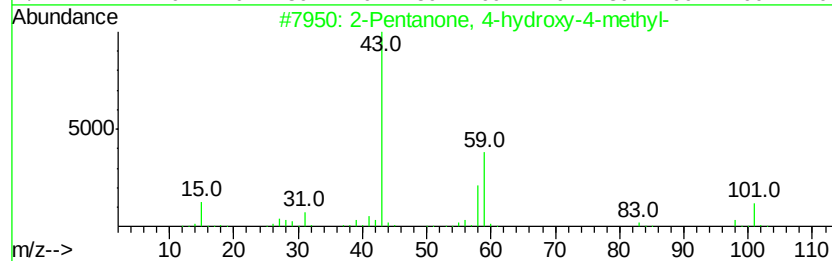
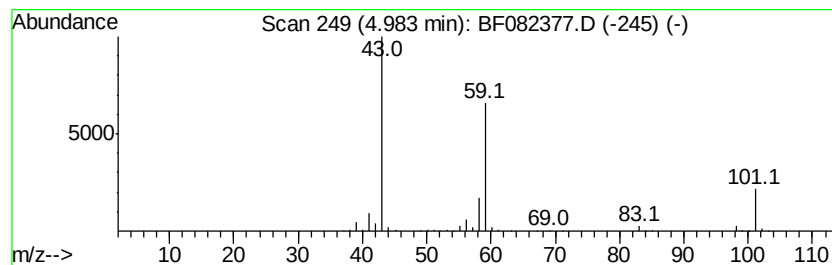
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.98	68.26 ng	1821090	1,4-Dichlorobenzene-d4	6.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
3			Propane, 2-methyl-2-(1-methylethyl)-	116	C7H16O	017348-59-3	28
4			Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	17
5			Acetone	58	C3H6O	000067-64-1	9



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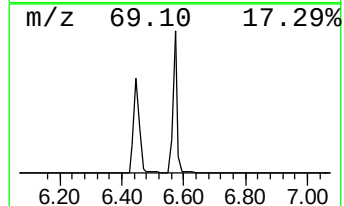
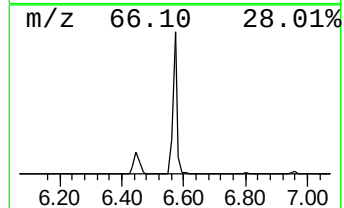
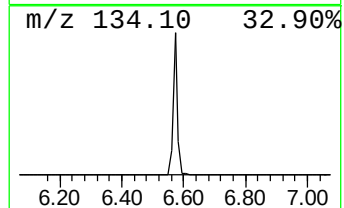
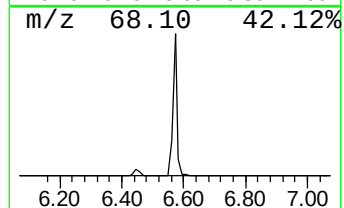
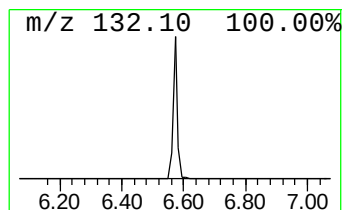
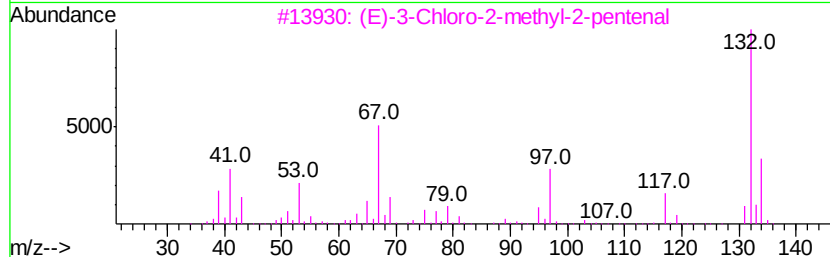
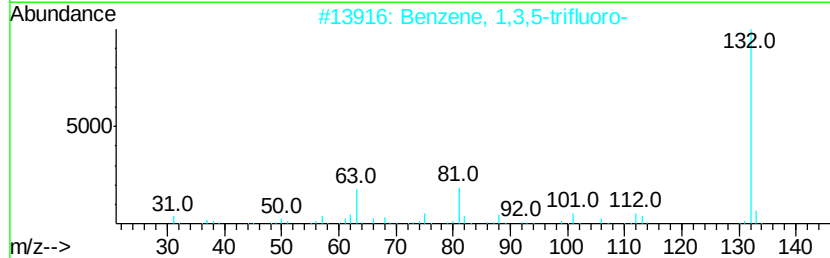
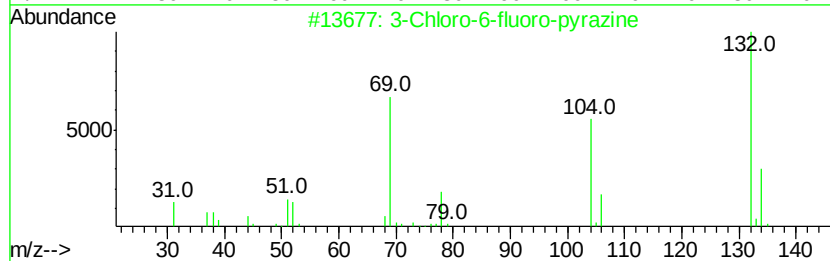
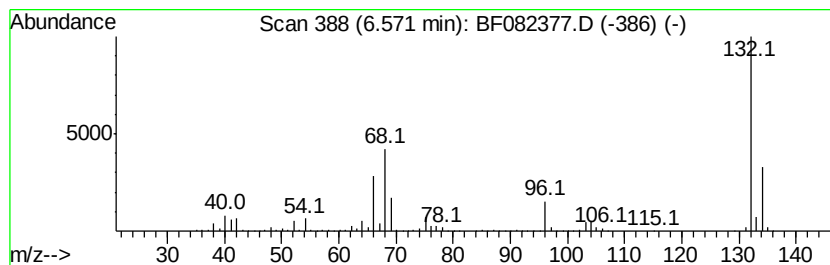
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.57 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	94.25 ng	2514370	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		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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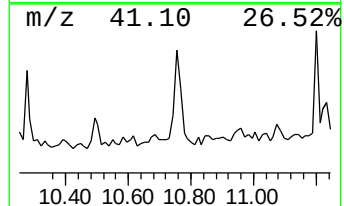
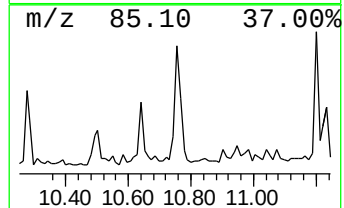
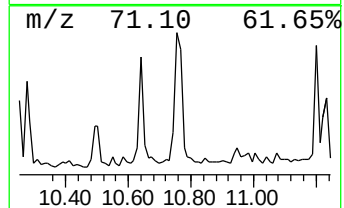
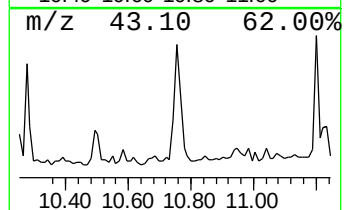
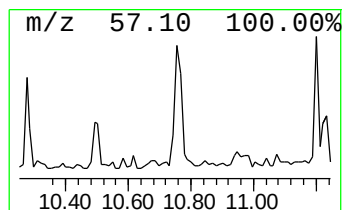
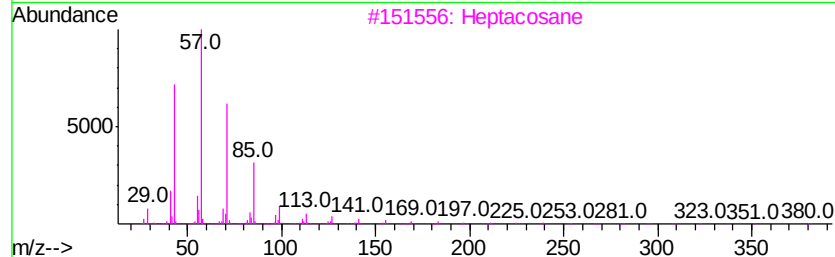
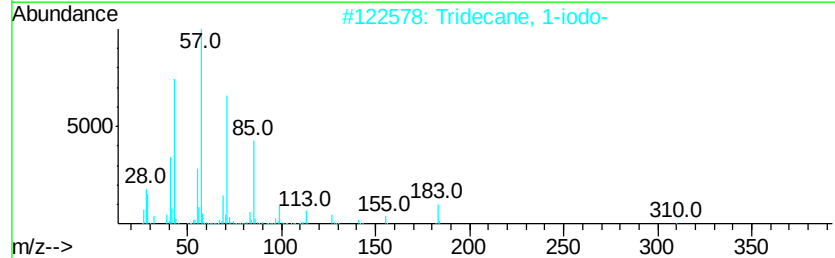
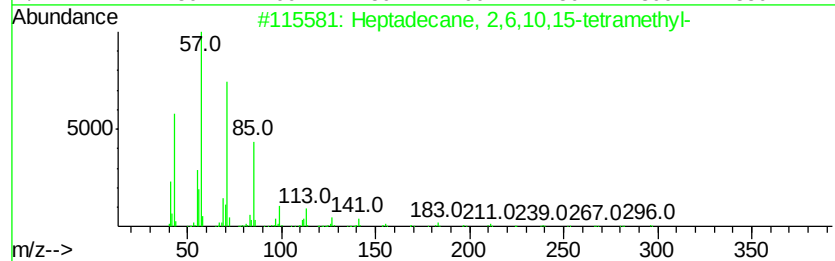
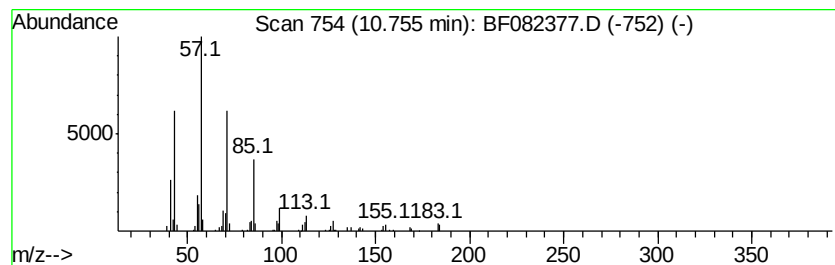
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.75	2.67 ng	129986	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3		Heptacosane	380	C27H56	000593-49-7	86
4		Pentadecane	212	C15H32	000629-62-9	86
5		Octadecane	254	C18H38	000593-45-3	86



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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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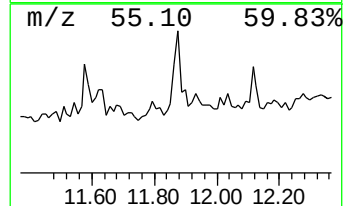
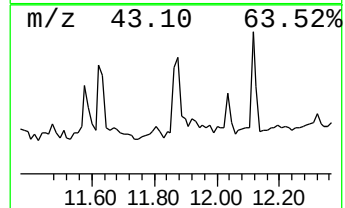
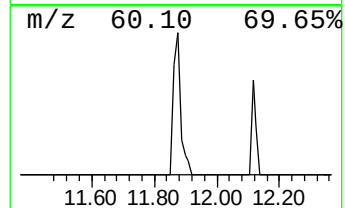
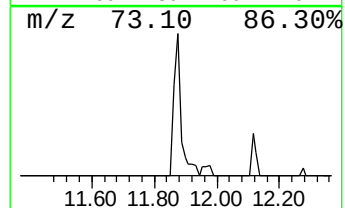
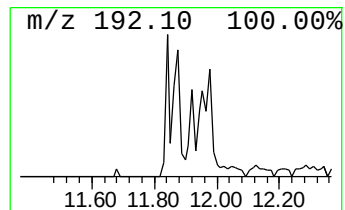
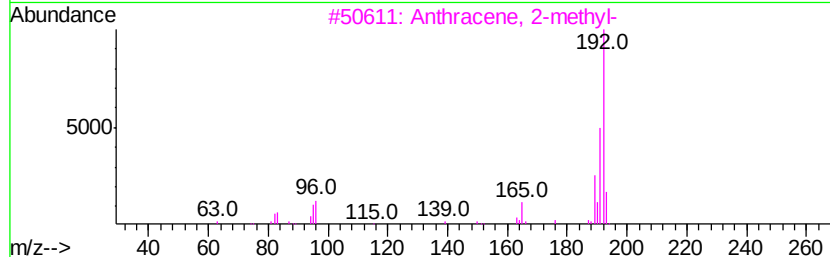
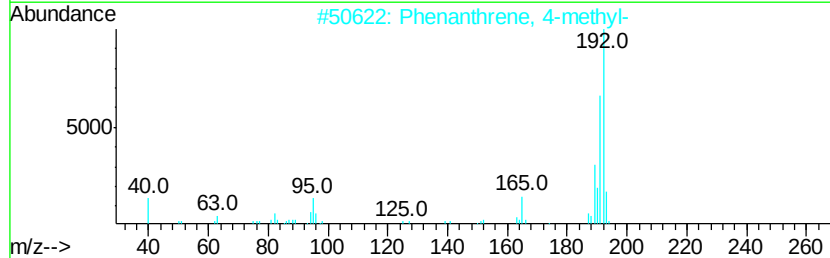
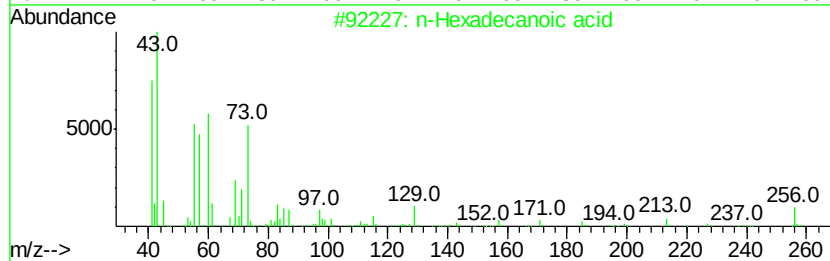
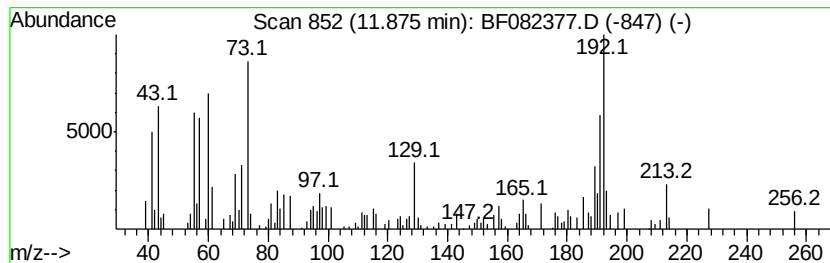
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	2.73 ng	132929	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	92
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	89
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	49
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	46
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	46



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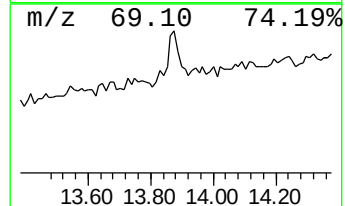
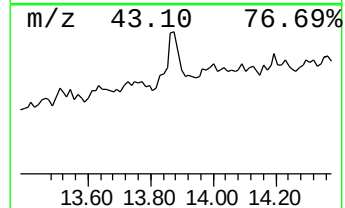
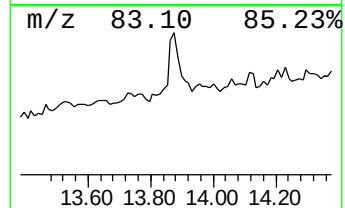
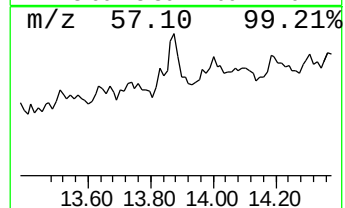
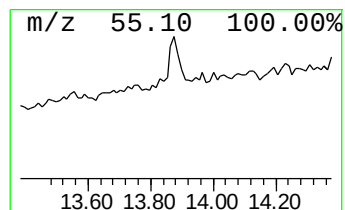
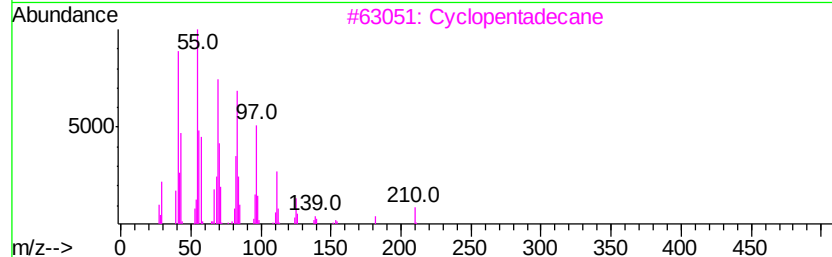
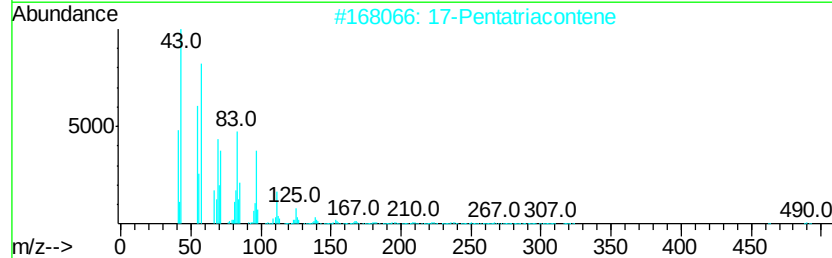
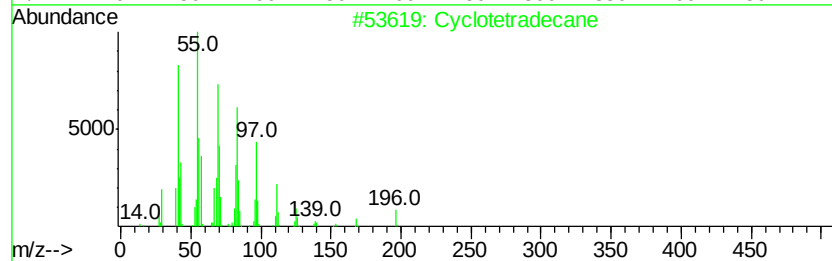
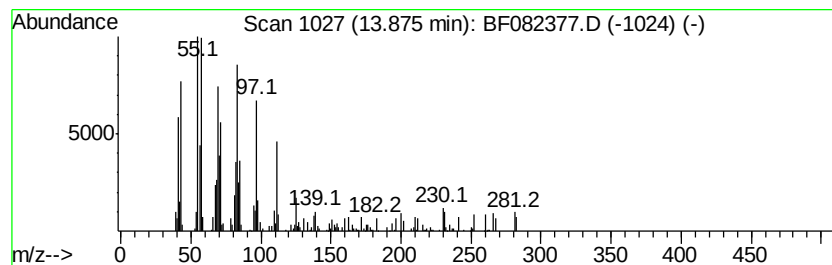
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Cyclotetradecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
13.88	3.36 ng	116787	Chrysene-d12		14.02
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	91
2	17-Pentatriacontene	491	C35H70	006971-40-0	90
3	Cyclopentadecane	210	C15H30	000295-48-7	90
4	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	78
5	Z-5-Nonadecene	266	C19H38	1000131-11-8	76



Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
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Sample : G4040-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
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ClientSampleId :
IM-MLA-2.5-04

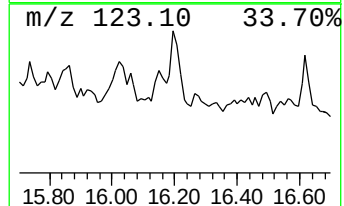
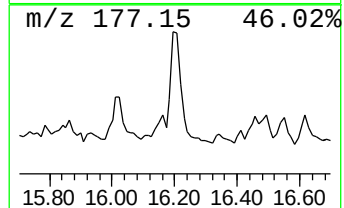
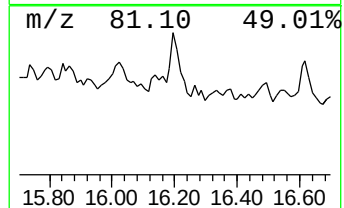
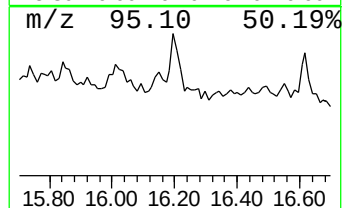
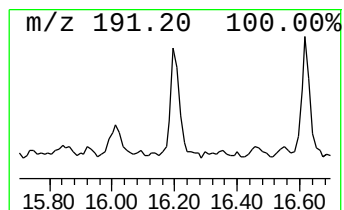
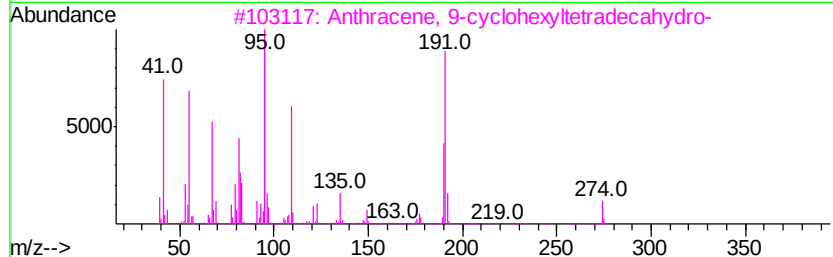
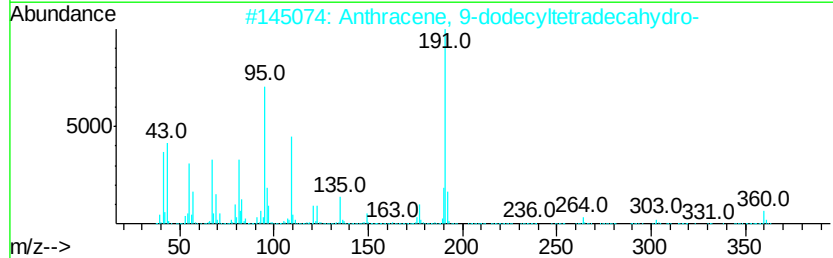
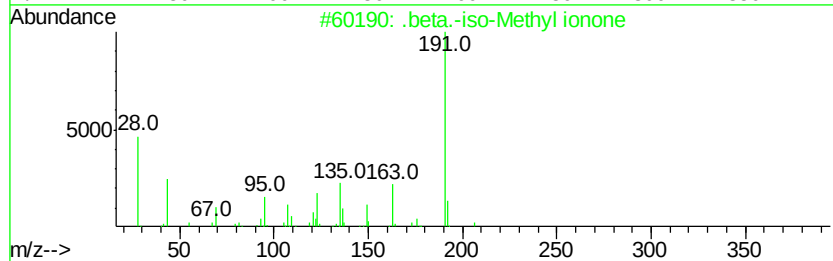
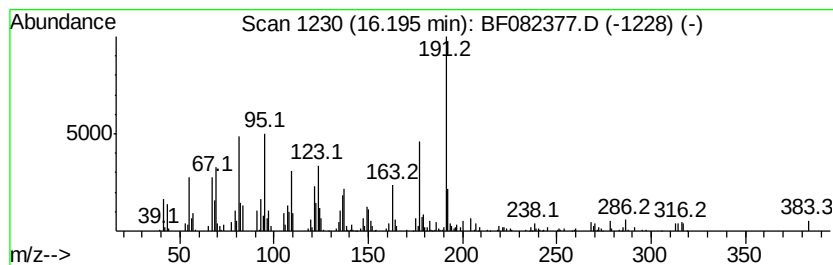
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown16.20 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.20	4.95 ng	156411	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	40
2		Anthracene, 9-dodecyltetradecahy...	360	C26H48	055401-75-7	38
3		Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4		1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	32
5		Silane, 1,3-decadiynyltrimethyl-	206	C13H22Si	084751-17-7	27



Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
Data File : BF082377.D
Acq On : 20 Oct 2015 2:39
Operator : UM/IZ
Sample : G4040-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

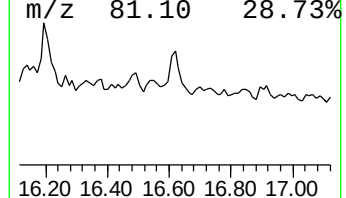
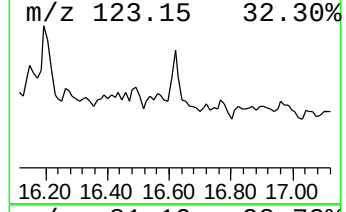
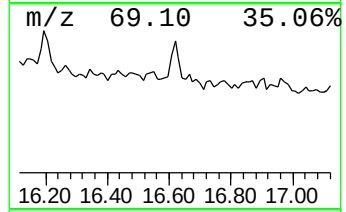
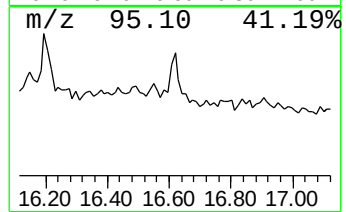
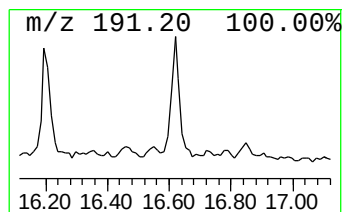
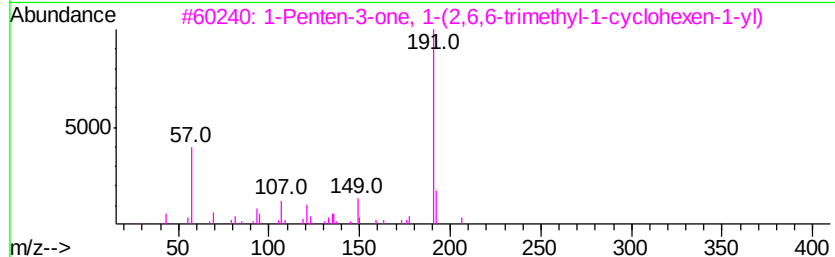
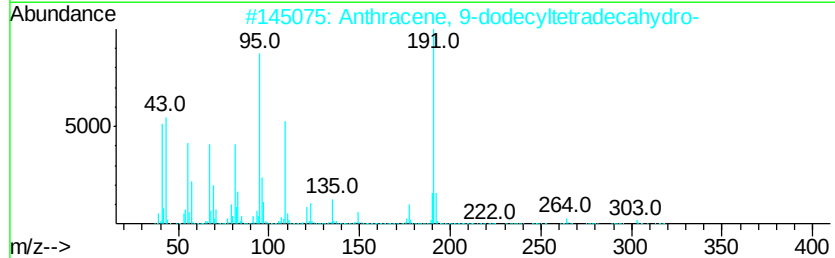
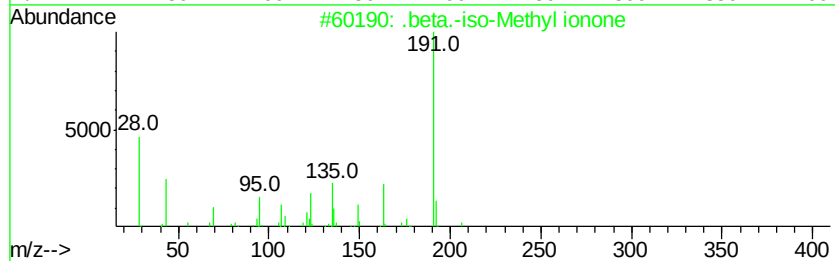
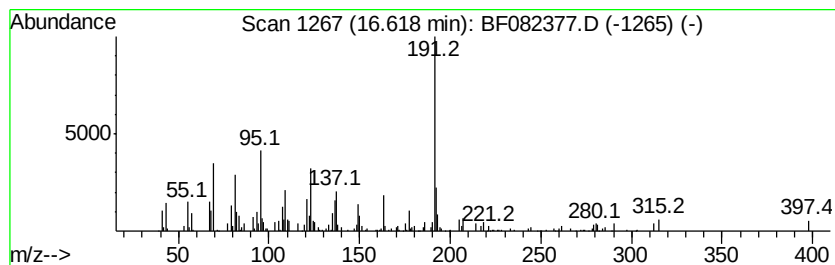
Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 unknown16.62 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.62	3.00 ng	94766	Perylene-d12	15.54	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	Anthracene, 9-dodecyltetradeca-hy...	360	C26H48	055401-75-7	38
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
4	Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	35
5	1-(5-Methyl-2-thiazolin-2-yl)-1-...	303	C12H12F3N3OS	1000225-27-4	35



Data Path : U:\HPCHEM1\BNA_F\DATA\BF101915\
Data File : BF082377.D
Acq On : 20 Oct 2015 2:39
Operator : UM/IZ
Sample : G4040-02
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IM-MLA-2.5-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.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	68.3	ng	1821090	1	6.80	533575	20.0
unknown6.57	6.57	94.3	ng	2514370	1	6.80	533575	20.0
Heptadecane, 2,6,...	10.75	2.7	ng	129986	4	11.34	974189	20.0
n-Hexadecanoic acid	11.87	2.7	ng	132929	4	11.34	974189	20.0
Cyclotetradecane	13.88	3.4	ng	116787	5	14.02	695414	20.0
unknown16.20	16.20	5.0	ng	156411	6	15.54	631573	20.0
unknown16.62	16.62	3.0	ng	94766	6	15.54	631573	20.0