

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086120.D
 Acq On : 7 Apr 2016 1:47
 Operator : UM/SJ
 Sample : H2166-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

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-BF040216.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	4.933	246	249	254	rBV	55999	99398	3.02%	0.263%
2	5.344	283	285	288	rBV	2575215	2901535	88.27%	7.683%
3	6.396	374	377	380	rBV	2147974	3042147	92.55%	8.055%
4	6.522	385	388	390	rVV	2635262	3287044	100.00%	8.704%
5	6.739	405	407	410	rBV	625765	694892	21.14%	1.840%
6	6.899	419	421	424	rBV	2606370	2394916	72.86%	6.341%
7	7.310	455	457	460	rBV	1409961	2080243	63.29%	5.508%
8	7.790	495	499	501	rBV2	26023	54869	1.67%	0.145%
9	7.836	501	503	509	rVB	24916	43843	1.33%	0.116%
10	8.030	517	520	522	rBV	1044486	897156	27.29%	2.376%
11	9.105	612	614	617	rBV	2517022	2987244	90.88%	7.910%
12	9.436	641	643	645	rBV2	37536	38441	1.17%	0.102%
13	9.505	647	649	651	rBV	291216	251235	7.64%	0.665%
14	9.642	659	661	663	rVV	64412	53755	1.64%	0.142%
15	9.722	666	668	669	rVV	43084	45774	1.39%	0.121%
16	9.779	671	673	675	rVV	898197	830469	25.26%	2.199%
17	9.813	675	676	678	rVB	51482	43373	1.32%	0.115%
18	10.213	710	711	713	rBV	81425	73469	2.24%	0.195%
19	10.431	728	730	733	rBV2	34718	55352	1.68%	0.147%
20	10.511	733	737	740	rBV2	54999	84505	2.57%	0.224%
21	10.568	740	742	745	rBV2	1068129	1533463	46.65%	4.060%
22	10.693	751	753	759	rBV2	70693	151840	4.62%	0.402%
23	10.945	773	775	779	rVV4	30657	49486	1.51%	0.131%
24	11.025	779	782	784	rVV4	15282	33586	1.02%	0.089%
25	11.139	788	792	793	rBV2	39949	63695	1.94%	0.169%
26	11.219	798	799	801	rBV	23420	32907	1.00%	0.087%
27	11.265	801	803	804	rBV	814392	717258	21.82%	1.899%
28	11.288	804	805	807	rVV	500271	434207	13.21%	1.150%
29	11.345	807	810	811	rVV	81596	133217	4.05%	0.353%
30	11.379	811	813	816	rVB2	20688	36893	1.12%	0.098%
31	11.505	820	824	826	rBV3	47724	102986	3.13%	0.273%
32	11.734	841	844	845	rBV2	94098	121305	3.69%	0.321%
33	11.768	845	847	848	rVV	106756	127545	3.88%	0.338%
34	11.802	848	850	852	rVV2	475919	522120	15.88%	1.382%

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 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 3 % of largest Peak
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 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.882	855	857	861	rVB	96993	191339	5.82%	0.507%
36	12.065	870	873	874	rVV	38411	50364	1.53%	0.133%
37	12.099	874	876	877	rVB	40538	48795	1.48%	0.129%
38	12.236	887	888	892	rBV4	16857	35801	1.09%	0.095%
39	12.305	892	894	896	rBV2	99531	134976	4.11%	0.357%
40	12.351	896	898	901	rBV	51524	60232	1.83%	0.159%
41	12.408	901	903	906	rVB2	62479	88910	2.70%	0.235%
42	12.476	906	909	911	rBV	997458	982257	29.88%	2.601%
43	12.579	916	918	920	rBV3	115302	169734	5.16%	0.449%
44	12.705	925	929	931	rVV	839131	872805	26.55%	2.311%
45	12.751	931	933	937	rVB3	40817	65716	2.00%	0.174%
46	12.854	939	942	944	rVV	2259763	2452418	74.61%	6.494%
47	12.922	945	948	954	rBV3	65739	158616	4.83%	0.420%
48	13.037	954	958	959	rVB2	107312	185681	5.65%	0.492%
49	13.094	959	963	965	rBV2	63607	169258	5.15%	0.448%
50	13.139	965	967	970	rBV2	75485	103261	3.14%	0.273%
51	13.231	973	975	976	rBV	64137	62338	1.90%	0.165%
52	13.254	976	977	980	rBV2	54804	89970	2.74%	0.238%
53	13.425	989	992	998	rBV4	79128	220956	6.72%	0.585%
54	13.539	1001	1002	1004	rVB	92077	105000	3.19%	0.278%
55	13.654	1010	1012	1013	rBV	85042	92053	2.80%	0.244%
56	13.699	1015	1016	1019	rVV2	125942	161421	4.91%	0.427%
57	13.757	1019	1021	1024	rVV	358989	568834	17.31%	1.506%
58	13.905	1029	1034	1038	rBV2	742475	1653414	50.30%	4.378%
59	14.008	1041	1043	1044	rVB2	64471	73939	2.25%	0.196%
60	14.065	1046	1048	1052	rBV5	66498	169960	5.17%	0.450%
61	14.385	1073	1076	1082	rBV5	99332	375116	11.41%	0.993%
62	14.797	1110	1112	1116	rVB	210584	202327	6.16%	0.536%
63	14.911	1120	1122	1126	rVV	333443	608860	18.52%	1.612%
64	14.968	1126	1127	1129	rVV	275780	351288	10.69%	0.930%
65	15.014	1129	1131	1137	rVB2	140862	261042	7.94%	0.691%
66	15.185	1144	1146	1149	rVB	148629	196235	5.97%	0.520%
67	15.254	1149	1152	1154	rVB	193803	288554	8.78%	0.764%
68	15.311	1154	1157	1164	rVB2	315371	572156	17.41%	1.515%
69	15.494	1171	1173	1179	rVB3	111978	225289	6.85%	0.597%
70	15.711	1189	1192	1195	rBV	463583	704937	21.45%	1.867%
71	16.420	1252	1254	1258	rBV	72482	134124	4.08%	0.355%

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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 >
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72	16.660	1272	1275	1277	rBV	97349	227965	6.94%	0.604%
73	17.060	1308	1310	1315	rVV	80892	166658	5.07%	0.441%
74	17.151	1316	1318	1326	rVB6	69959	227903	6.93%	0.603%
75	18.466	1429	1433	1436	rBV2	83119	235762	7.17%	0.624%

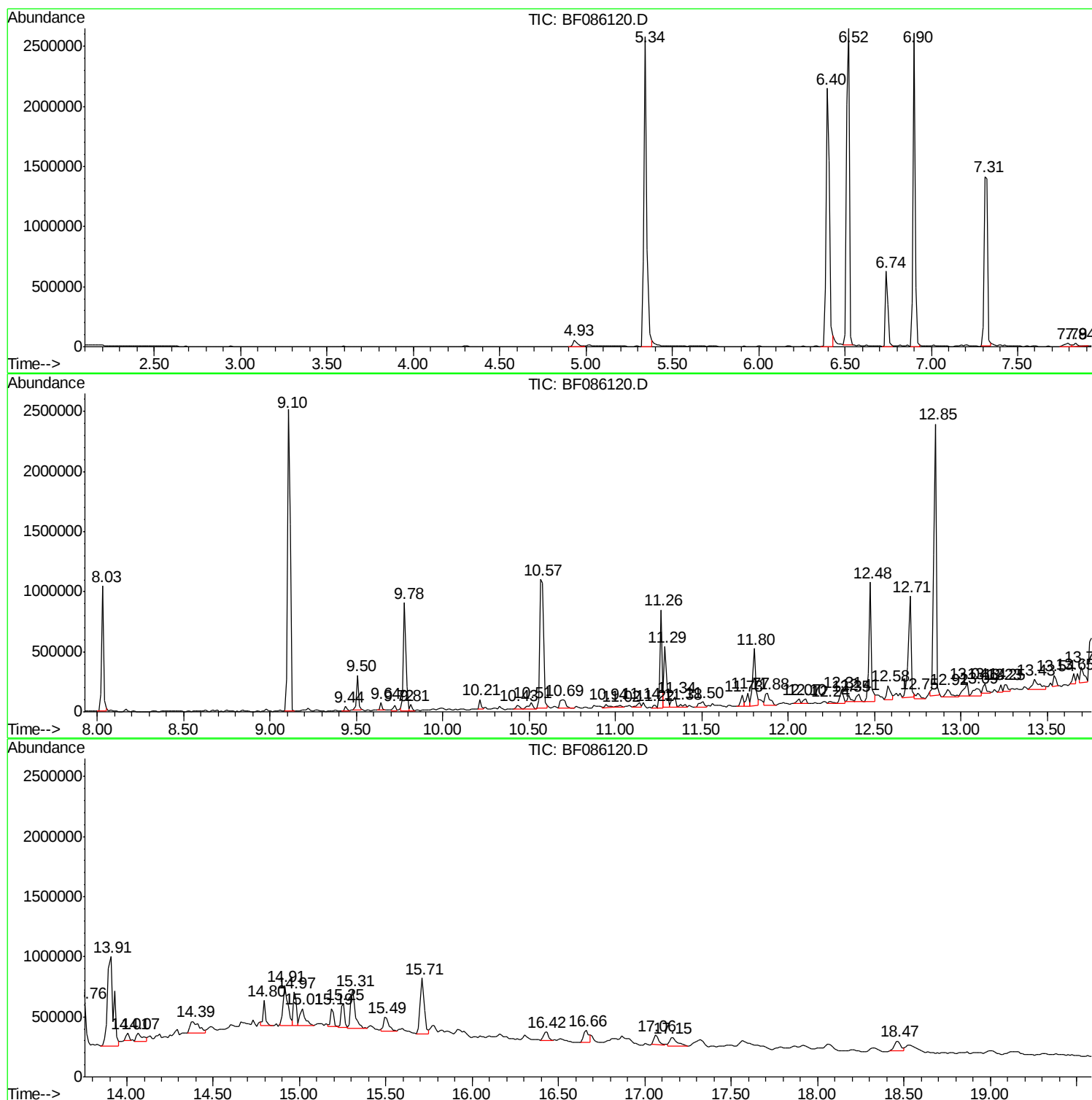
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Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Sample : H2166-01
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Instrument :
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L-P-C-SOIL-PILE1

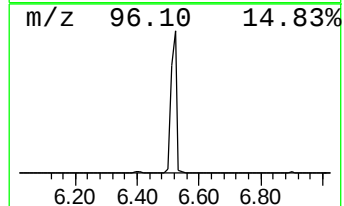
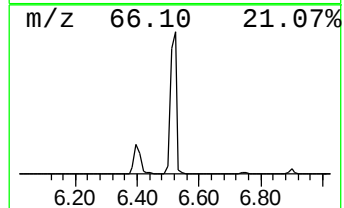
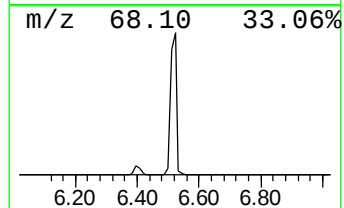
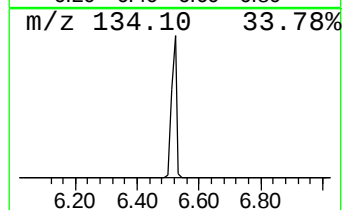
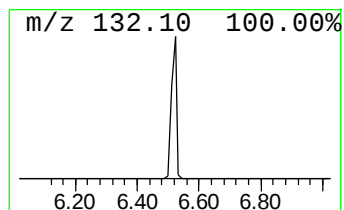
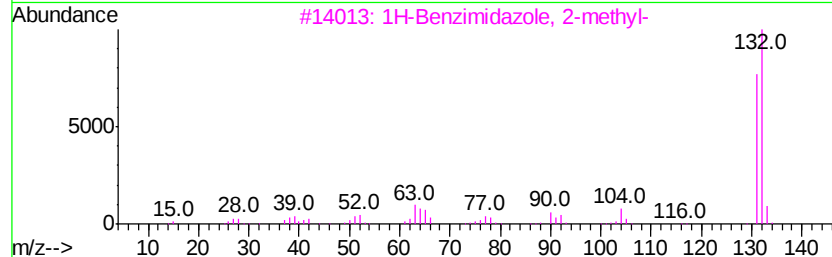
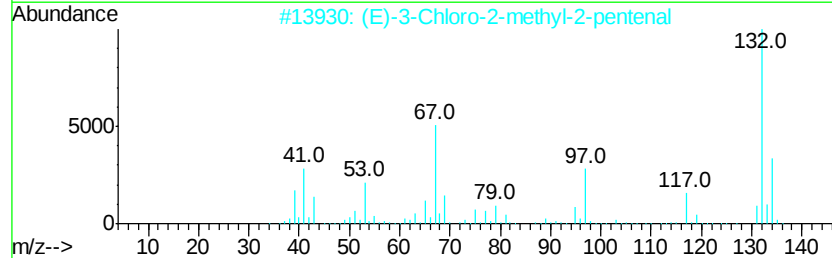
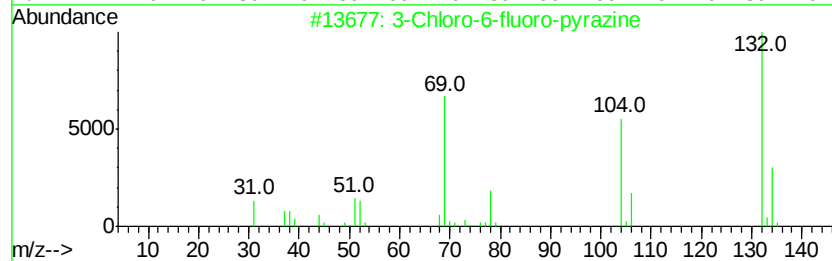
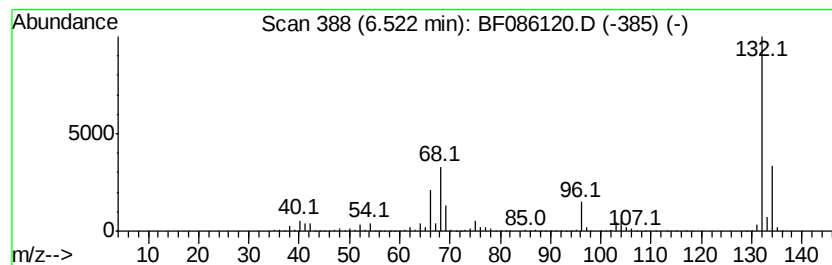
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.52 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.52	94.61 ng	3287040	1,4-Dichlorobenzene-d4	6.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5		4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9



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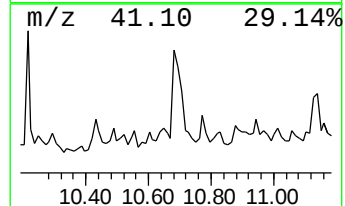
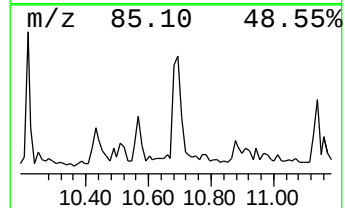
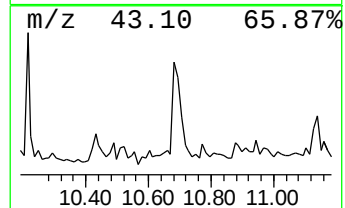
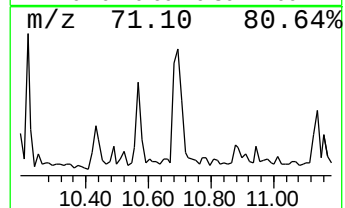
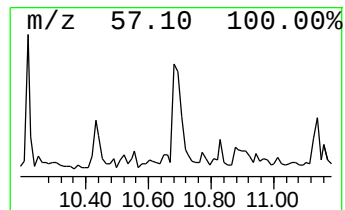
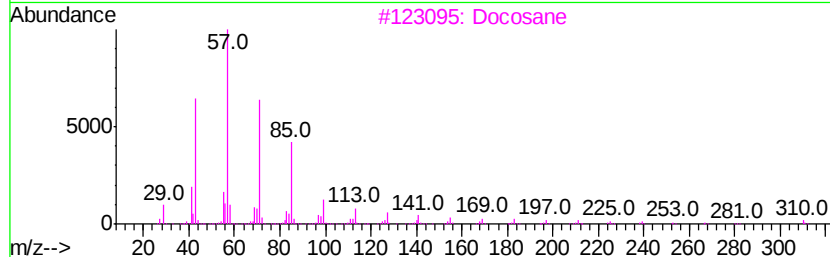
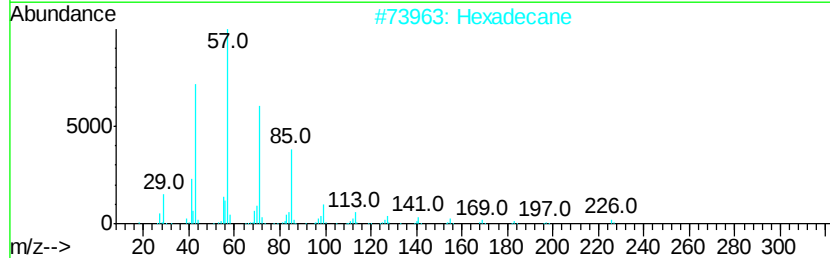
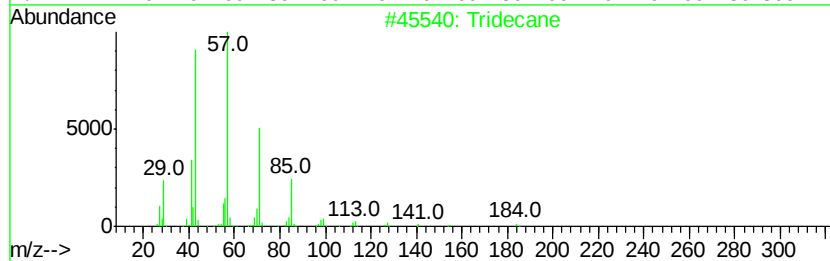
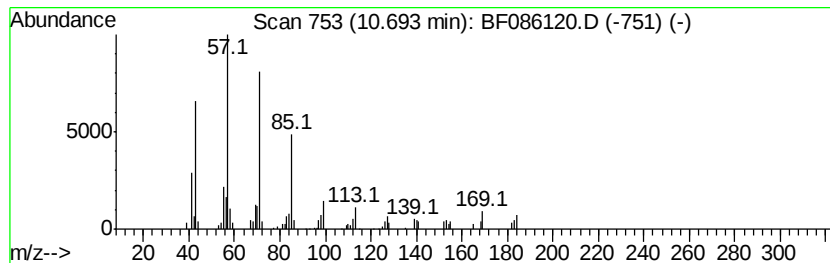
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.69	4.23 ng	151840	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Docosane	310	C22H46	000629-97-0	86
4	Octadecane	254	C18H38	000593-45-3	86
5	Heptadecane	240	C17H36	000629-78-7	83



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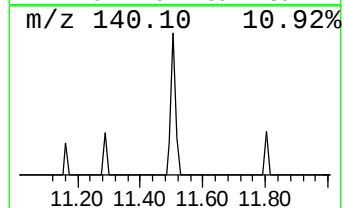
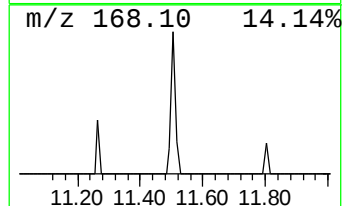
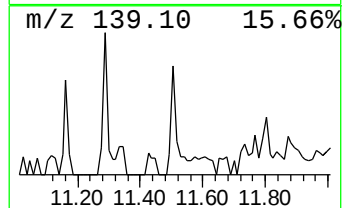
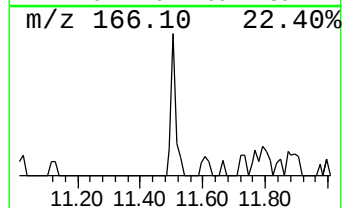
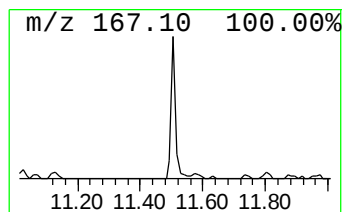
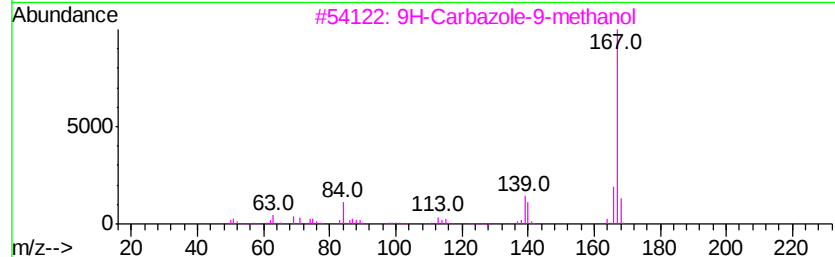
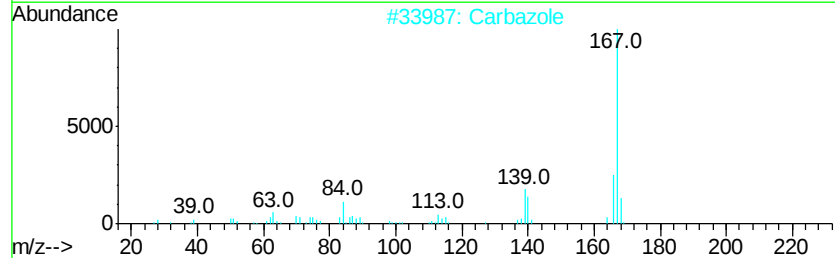
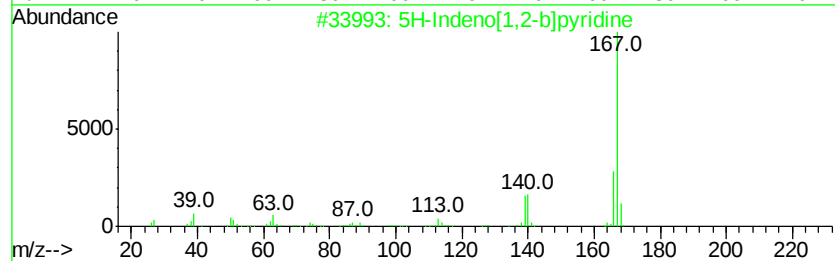
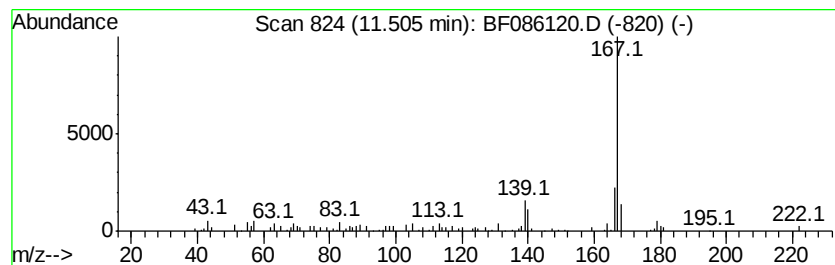
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 5H-Indeno[1,2-b]pyridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.		
11.51	2.87 ng	102986	Phenanthrene-d10		11.26		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Indeno[1,2-b]pvridine	167	C12H9N	000244-99-5	90
2			Carbazole	167	C12H9N	000086-74-8	87
3			9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4			9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	78
5			1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	72



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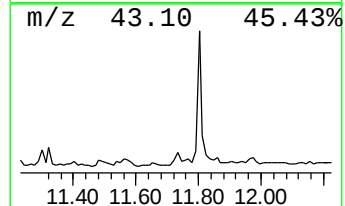
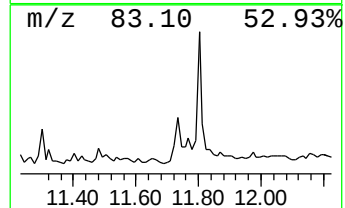
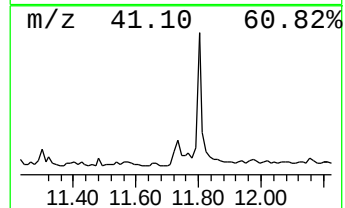
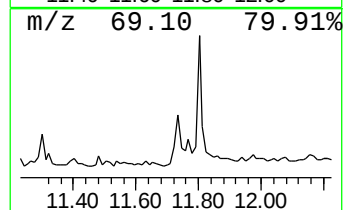
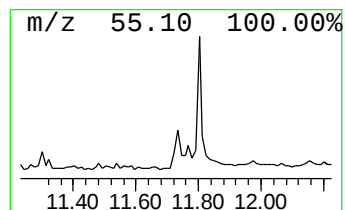
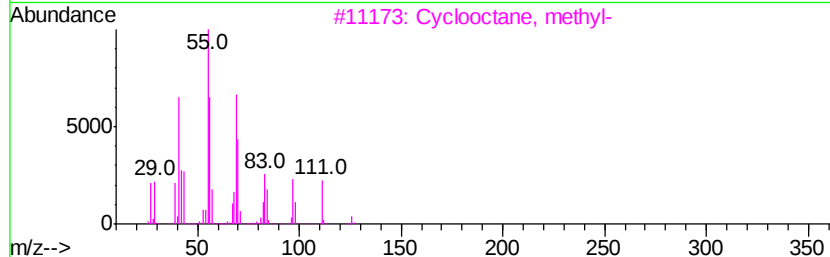
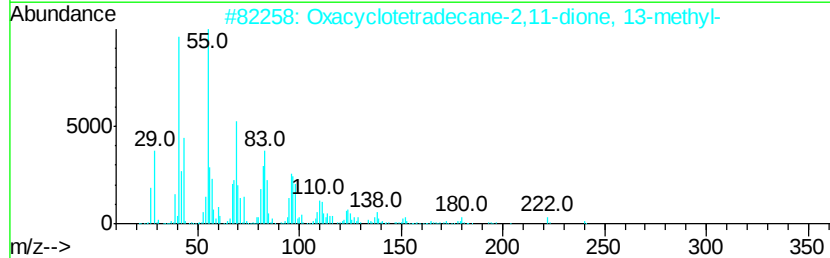
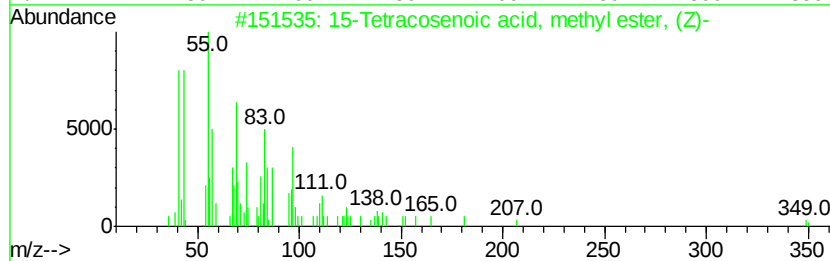
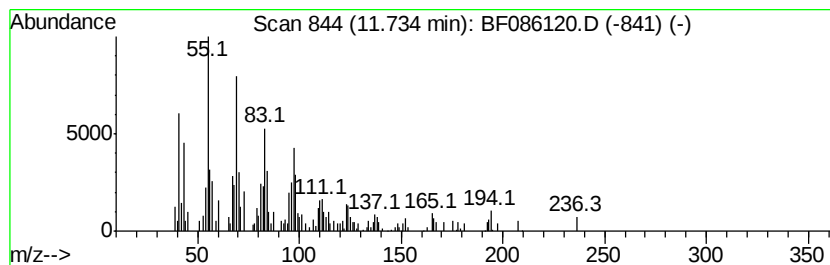
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 15-Tetracosenoic acid, meth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.73	3.38 ng	121305	Phenanthrene-d10	11.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		15-Tetracosenoic acid, methyl es...	380	C25H48O2	002733-88-2	55
2		Oxacyclotetradecane-2,11-dione, ...	240	C14H24O3	074685-36-2	53
3		Cyclooctane, methyl-	126	C9H18	001502-38-1	52
4		1-Cyclohexyl-2-methyl-prop-2-en-...	152	C10H16O	025183-82-8	50
5		Hexadecenoic acid, Z-11-	254	C16H30O2	002416-20-8	46



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L-P-C-SOIL-PILE1

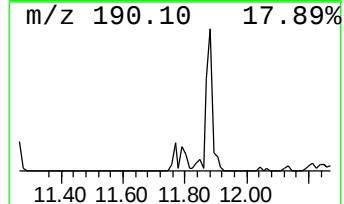
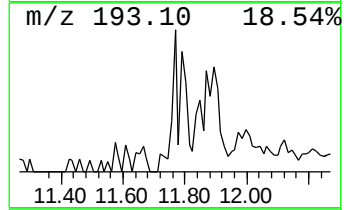
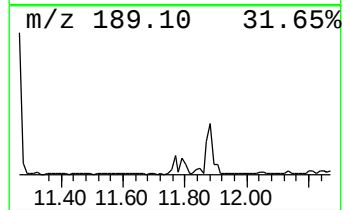
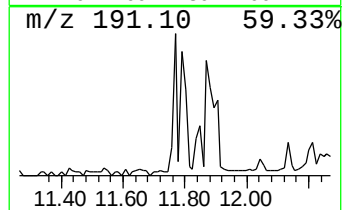
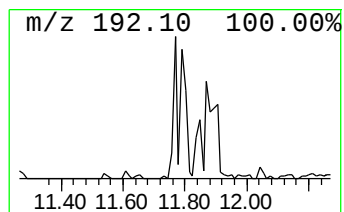
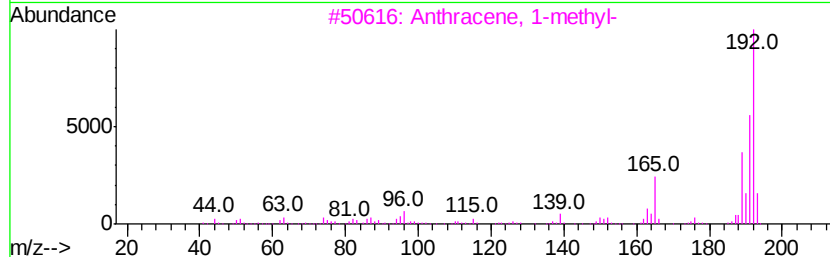
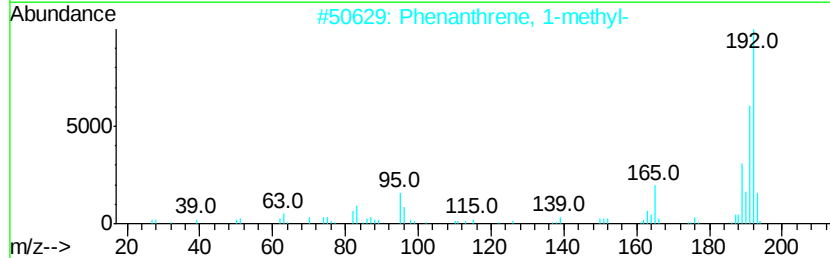
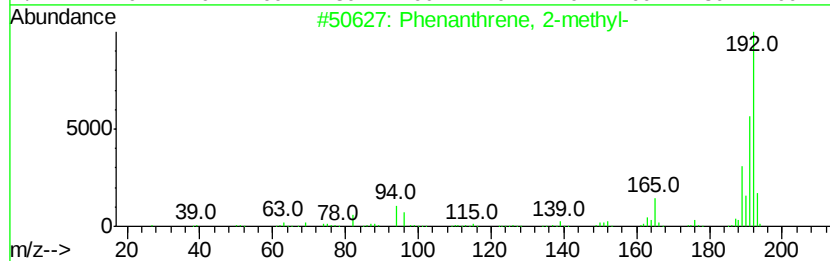
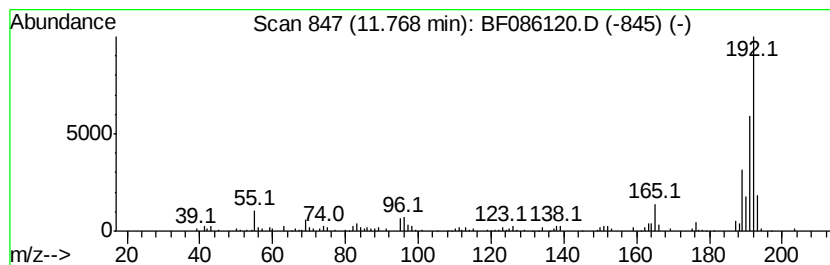
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	3.56 ng	127545	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3			Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
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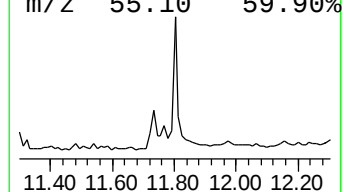
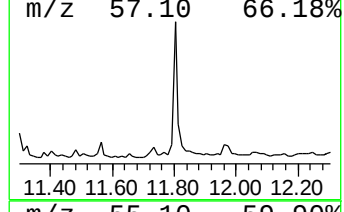
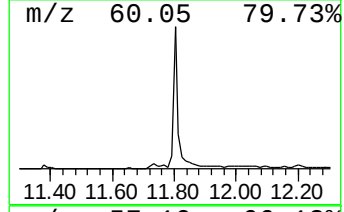
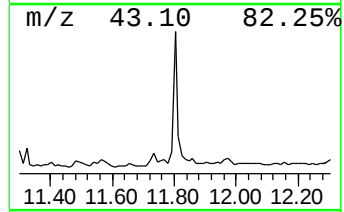
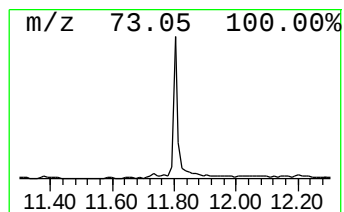
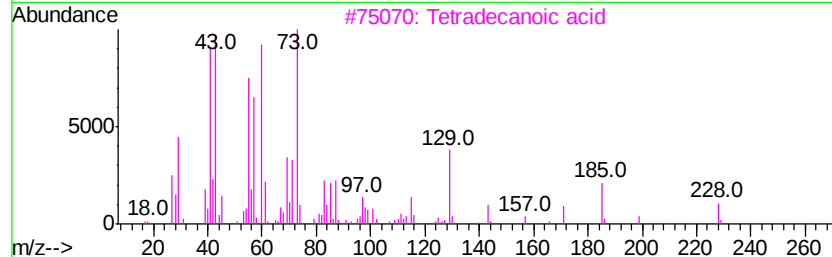
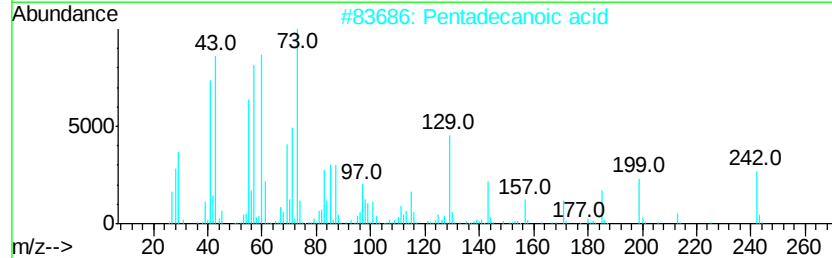
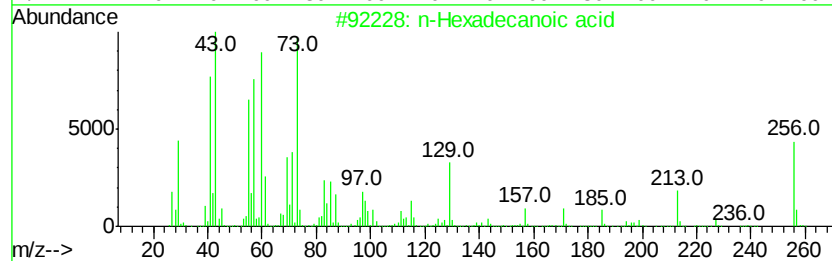
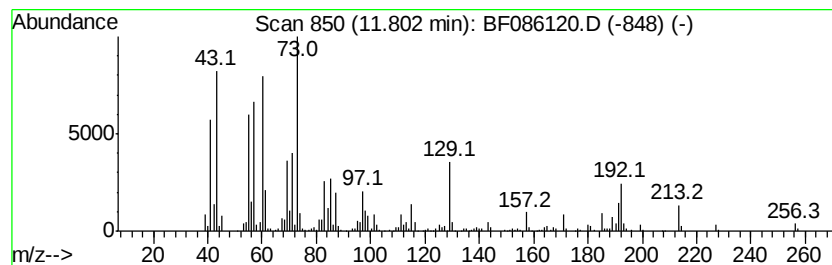
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.80	14.56 ng	522120	Phenanthrene-d10		11.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	11
5	Tridecane	184	C13H28	000629-50-5	11



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
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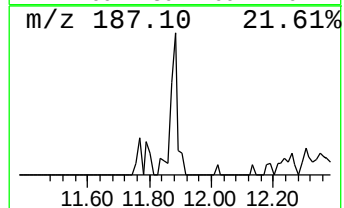
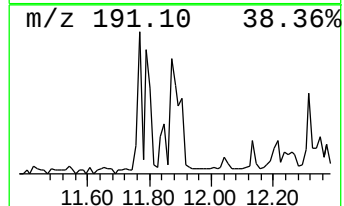
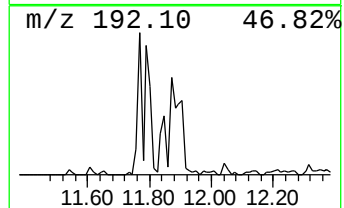
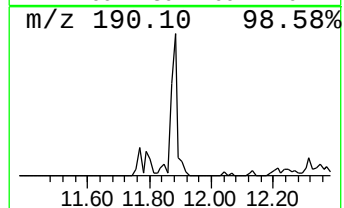
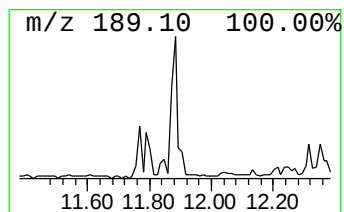
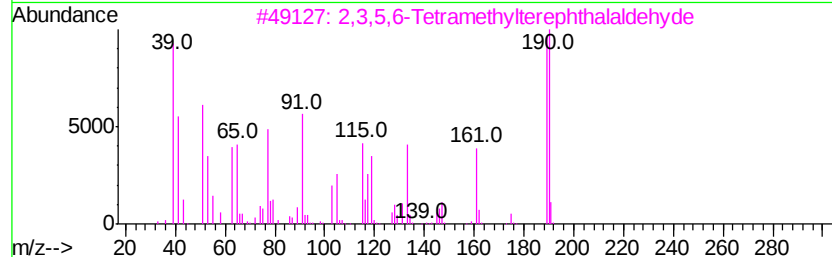
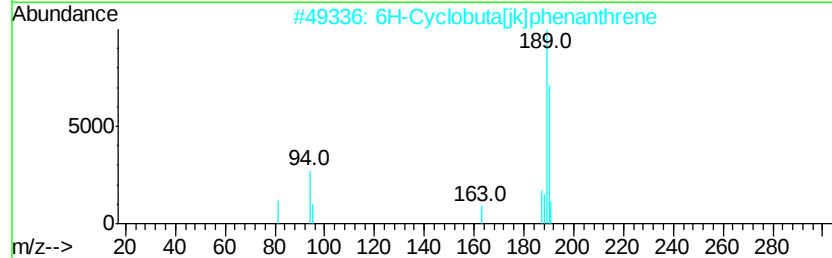
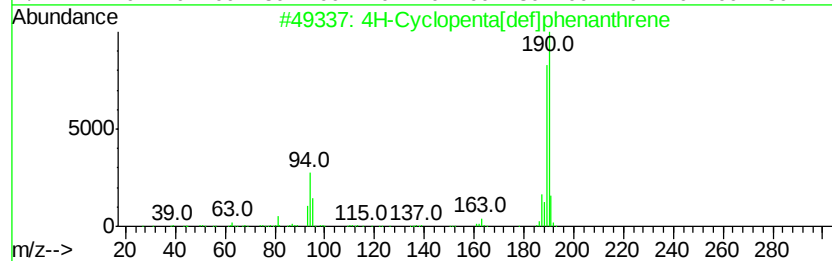
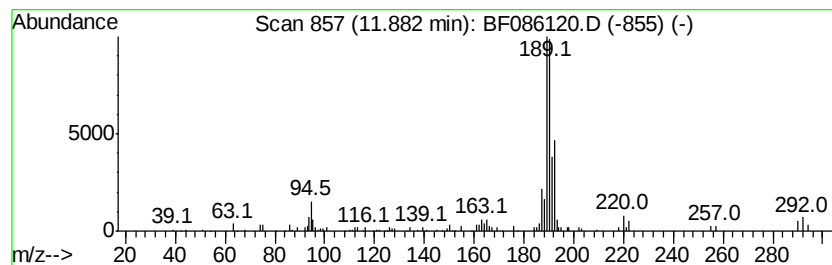
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.88	5.34 ng	191339	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	33
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	28



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
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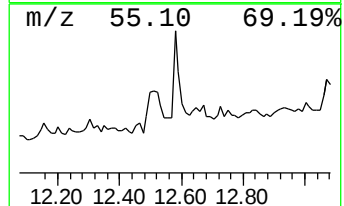
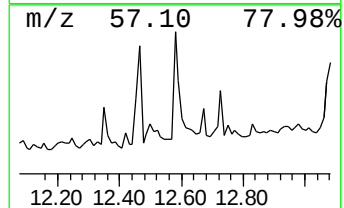
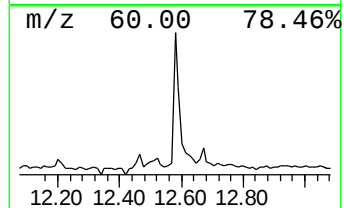
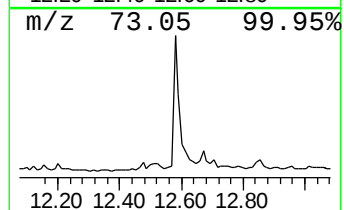
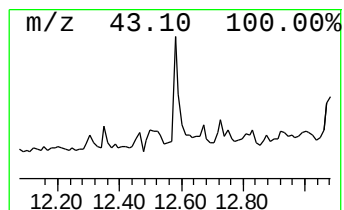
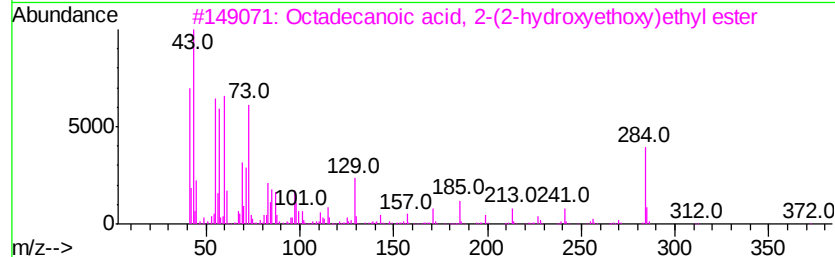
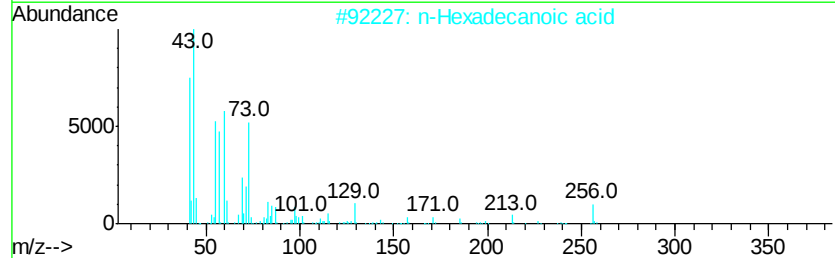
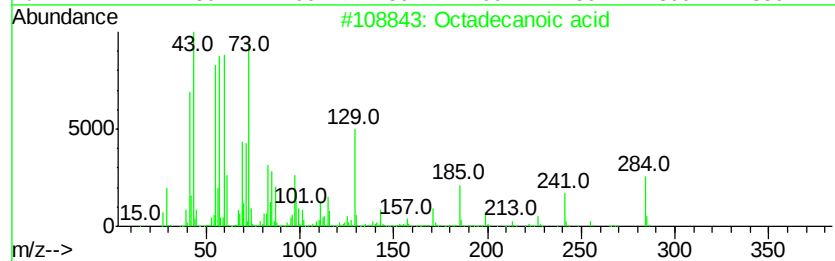
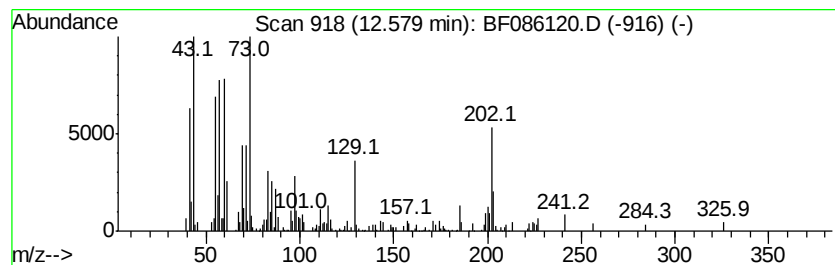
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Octadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	4.73 ng	169734	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	86
3			Octadecanoic acid, 2-(2-hydroxyve...	372	C22H44O4	000106-11-6	64
4			Dodecanoic acid	200	C12H24O2	000143-07-7	60
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Sample : H2166-01
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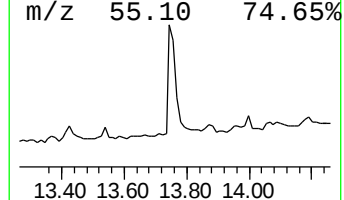
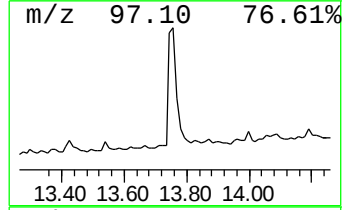
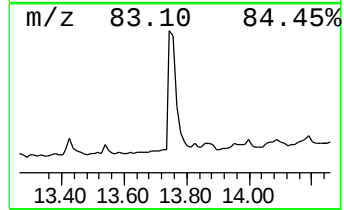
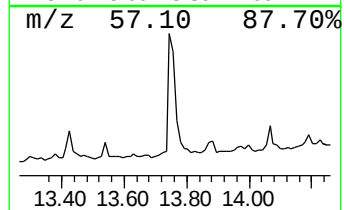
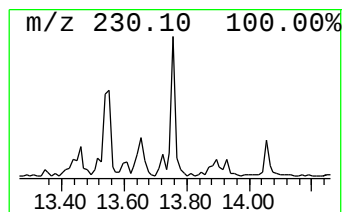
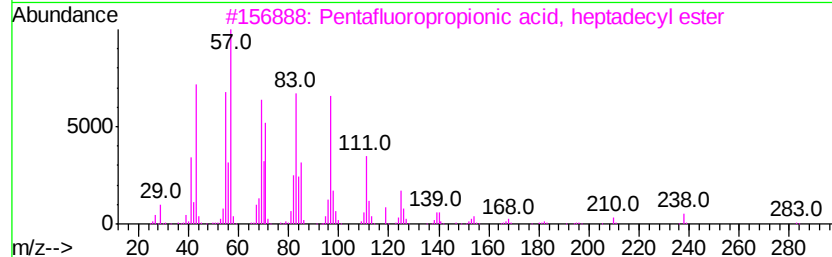
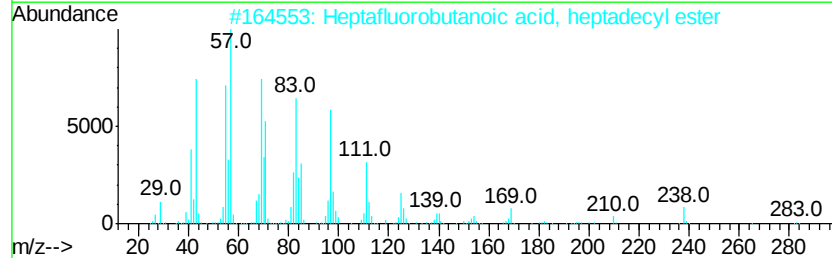
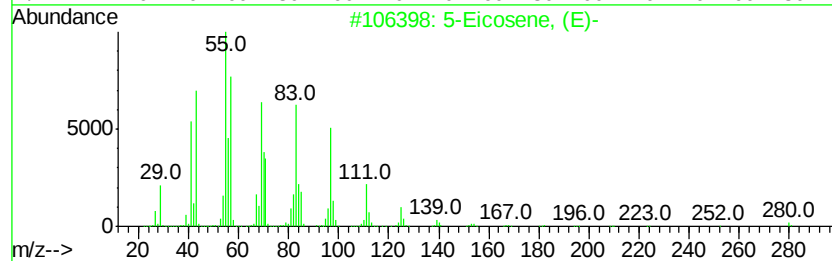
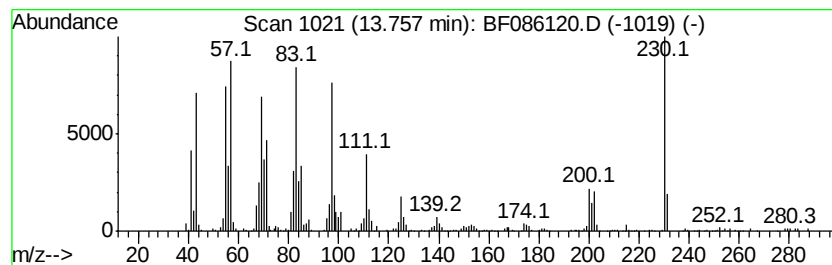
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 5-Eicosene, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.76	6.88 ng	568834	Chrysene-d12	13.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	Heptafluorobutanoic acid, heptadecano				



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
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Sample : H2166-01
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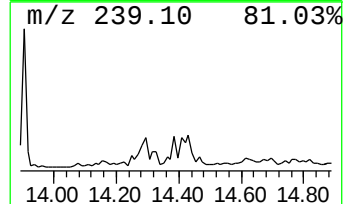
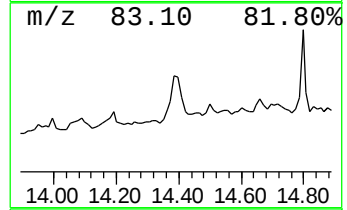
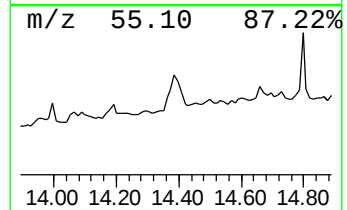
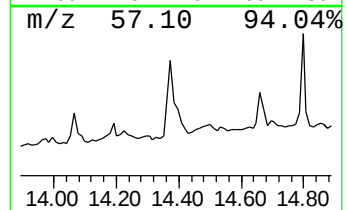
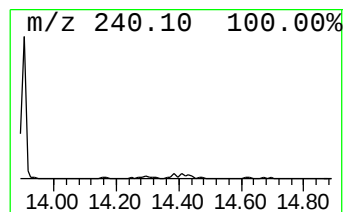
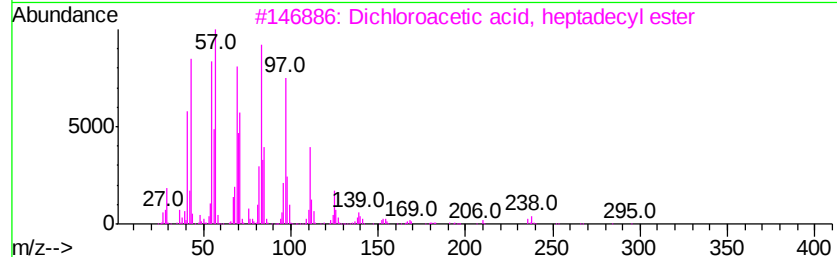
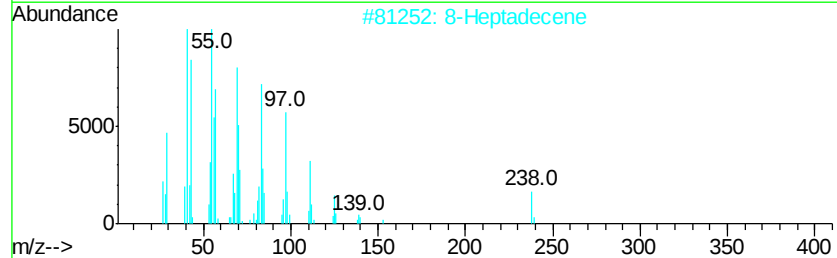
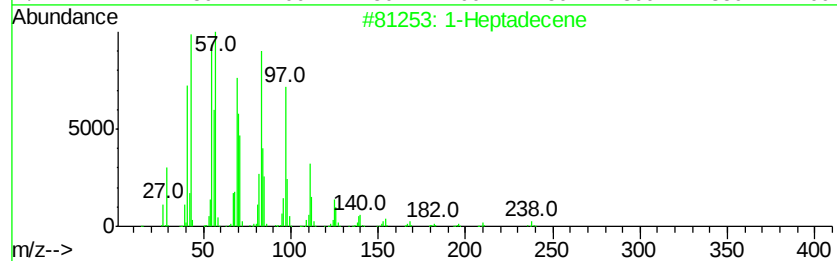
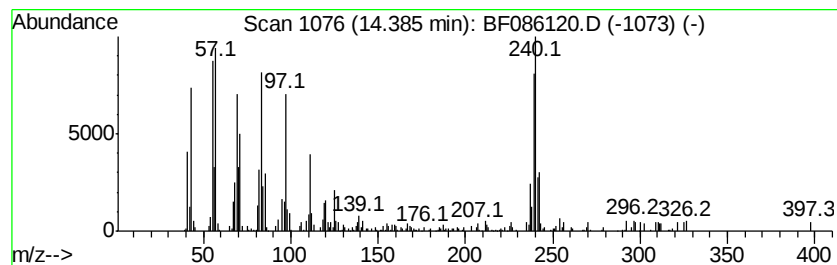
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 1-Heptadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.39	4.54 ng	375116	Chrysene-d12	13.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heptadecene		238 C17H34	006765-39-5 58
2	8-Heptadecene		238 C17H34	054290-12-9 46
3	Dichloroacetic acid, heptadecyl ...		366 C19H36Cl2O2	1000282-98-2 42
4	1-Docosene		308 C22H44	001599-67-3 38
5	1-Octadecene		252 C18H36	000112-88-9 38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Acq On : 7 Apr 2016 1:47
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ALS Vial : 31 Sample Multiplier: 1

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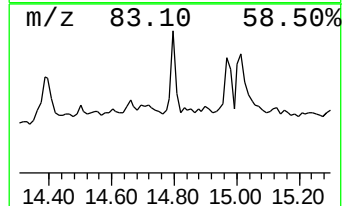
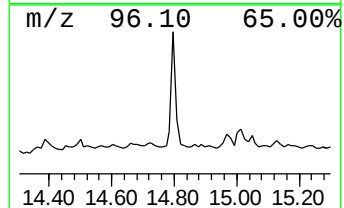
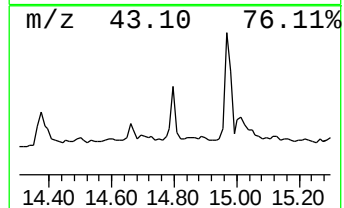
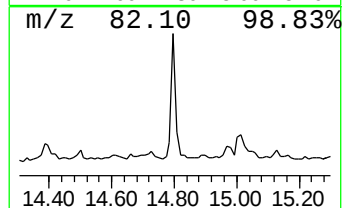
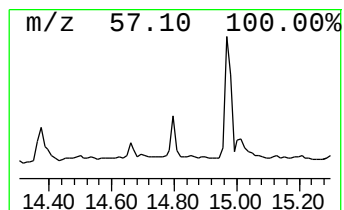
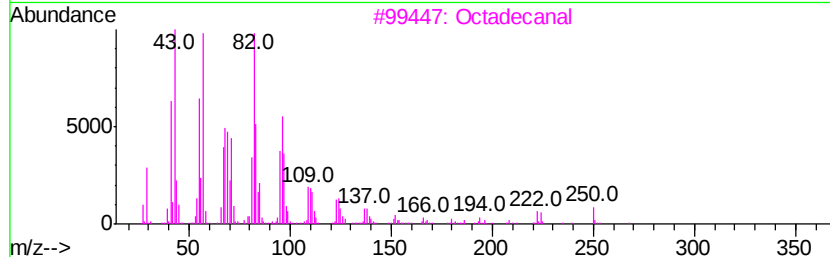
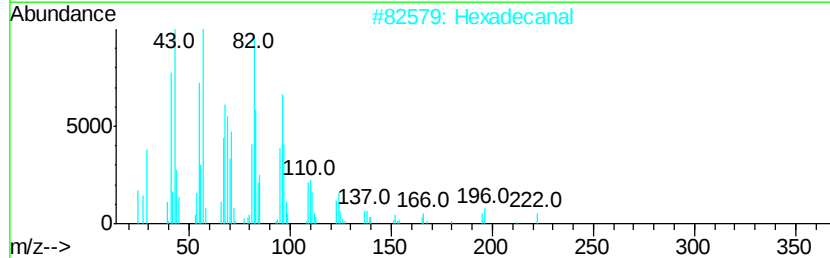
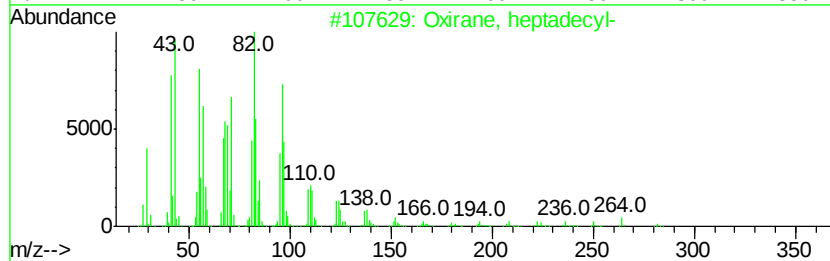
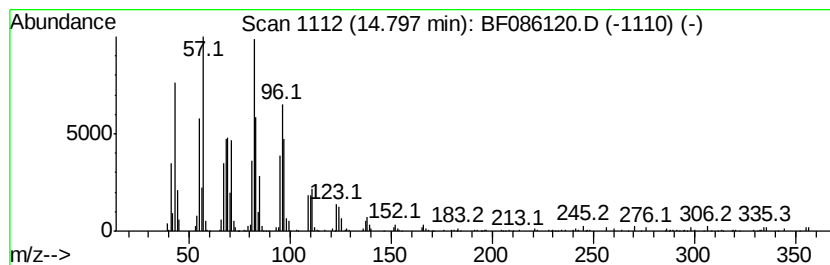
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Oxirane, heptadecyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	7.07 ng	202327	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
2			Hexadecanal	240	C16H32O	000629-80-1	91
3			Octadecanal	268	C18H36O	000638-66-4	91
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	90
5			Tetradecanal	212	C14H28O	000124-25-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
L-P-C-SOIL-PILE1

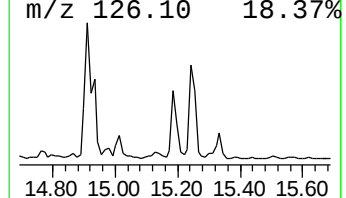
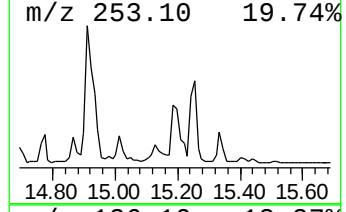
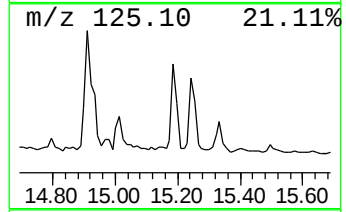
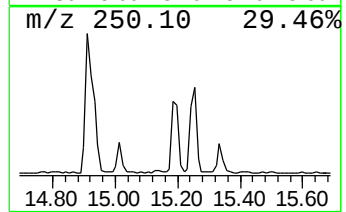
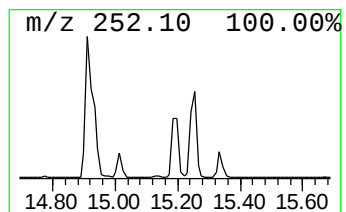
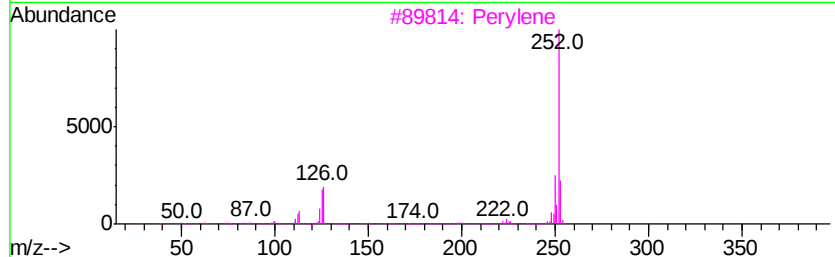
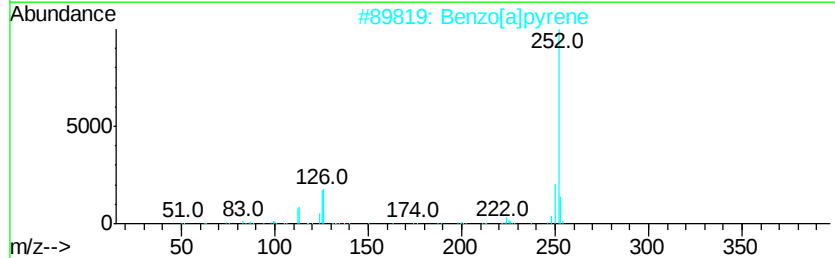
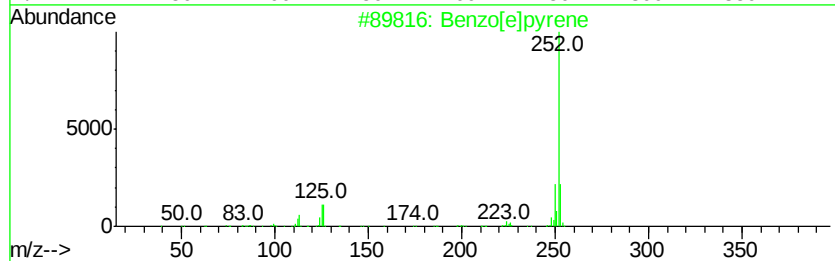
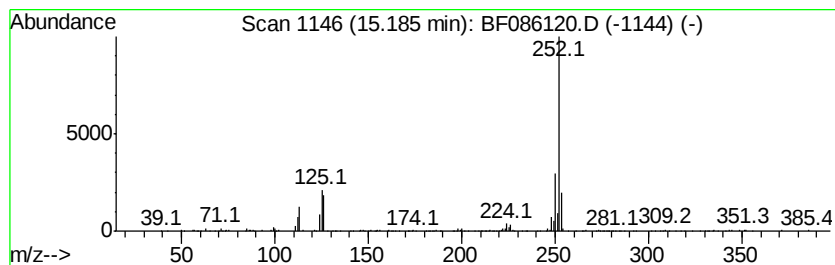
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.19	6.86 ng	196235	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[a]pyrene	252	C20H12	000050-32-8	96
3			Perylene	252	C20H12	000198-55-0	94
4			Benzo[il]fluoranthene	252	C20H12	000205-82-3	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF040616\
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Sample : H2166-01
Misc :
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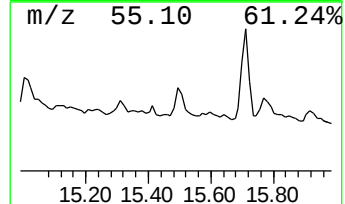
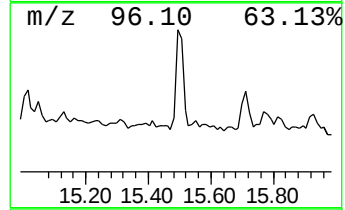
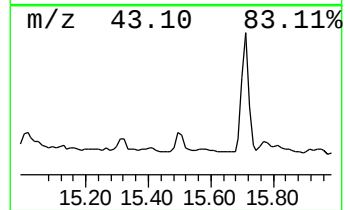
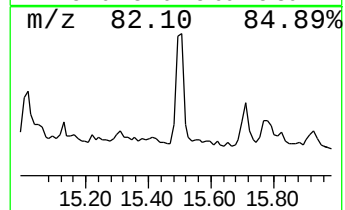
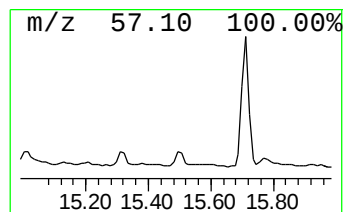
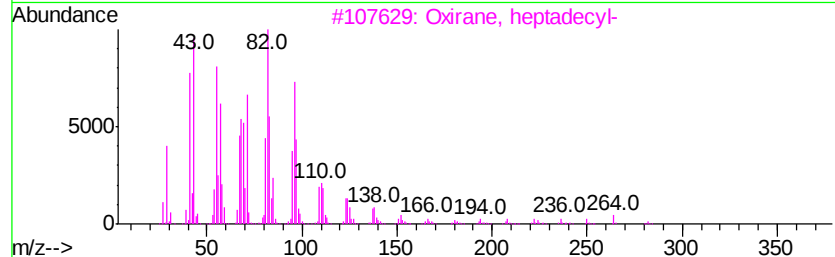
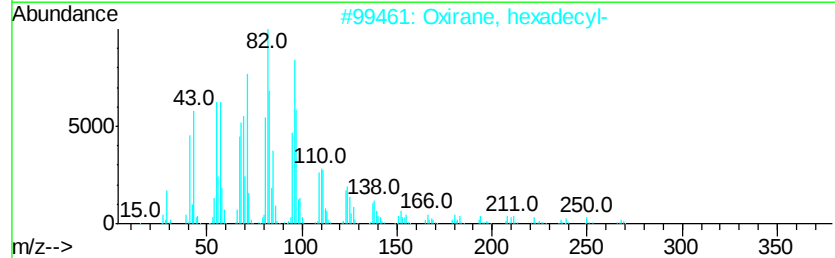
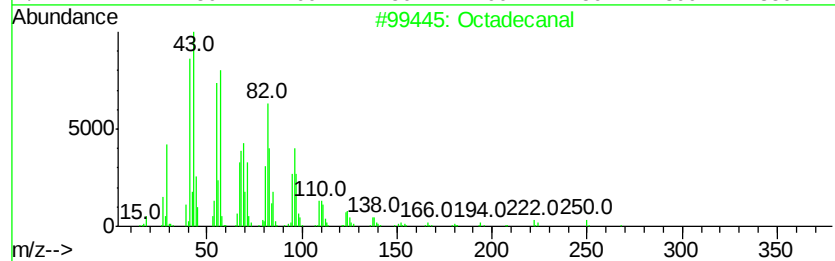
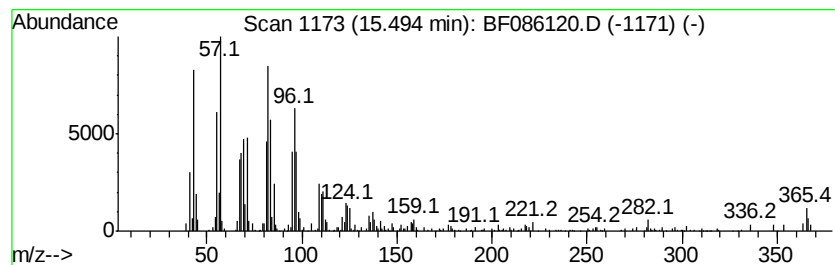
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanal Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.49	7.88 ng	225289	Perylene-d12		15.31	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Octadecanal	268	C18H36O	000638-66-4	94
2		Oxirane, hexadecyl-	268	C18H36O	007390-81-0	91
3		Oxirane, heptadecyl-	282	C19H38O	067860-04-2	91
4		Hexadecanal	240	C16H32O	000629-80-1	91
5		16-Octadecenal	266	C18H34O	056554-87-1	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

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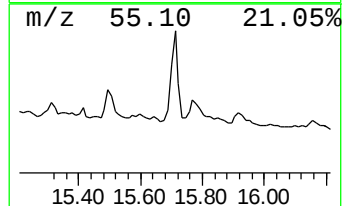
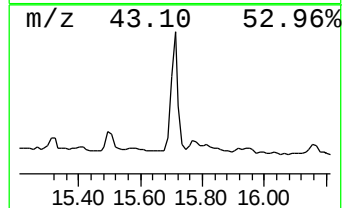
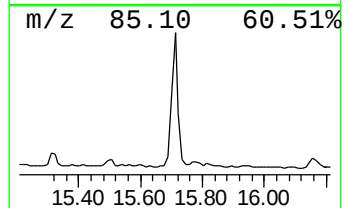
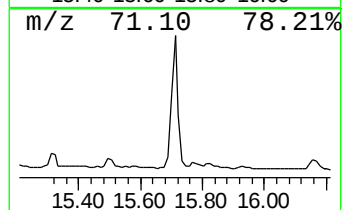
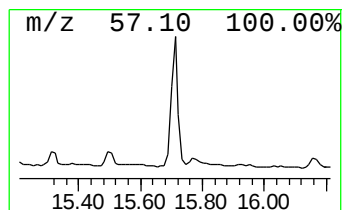
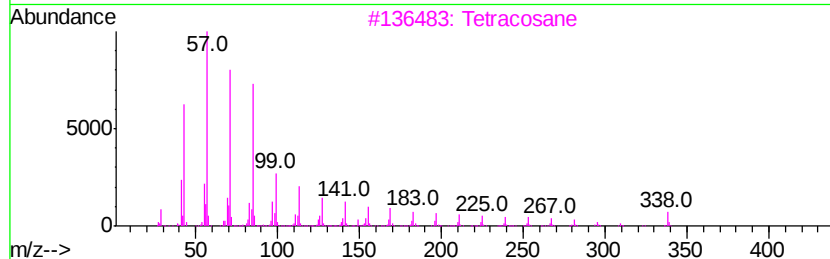
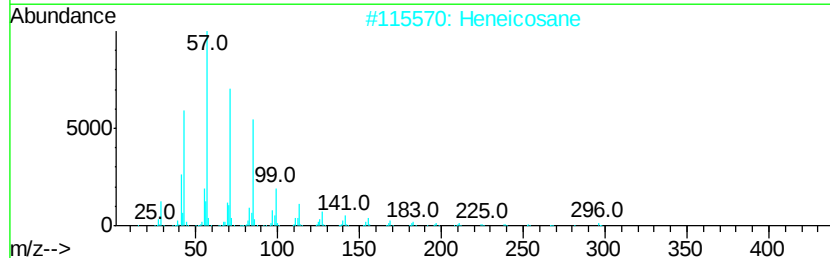
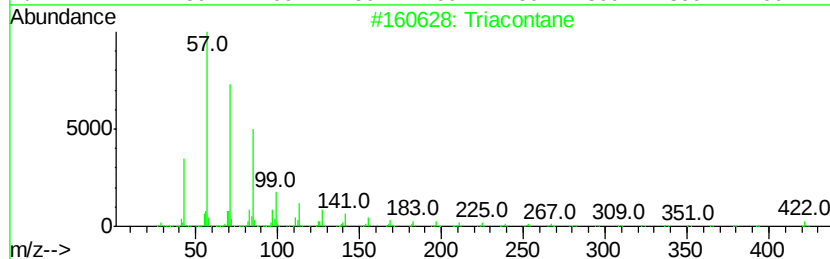
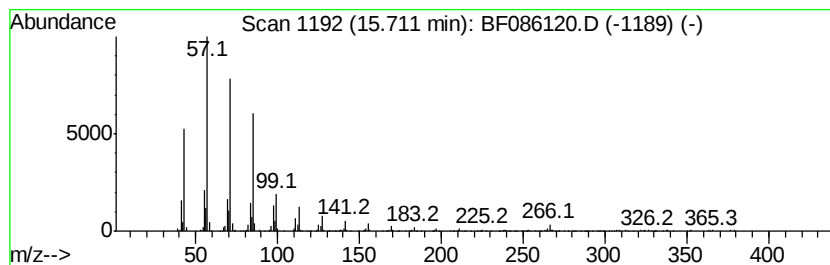
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Triacontane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	24.64 ng	704937	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Triacontane	422	C30H62	000638-68-6	91
2			Heneicosane	296	C21H44	000629-94-7	90
3			Tetracosane	338	C24H50	000646-31-1	90
4			Docosane, 11-butyl-	366	C26H54	013475-76-8	87
5			Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
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Instrument :
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ClientSampleId :
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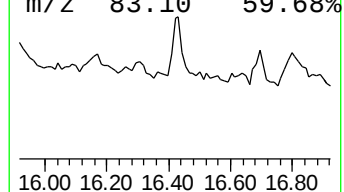
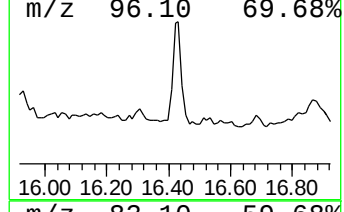
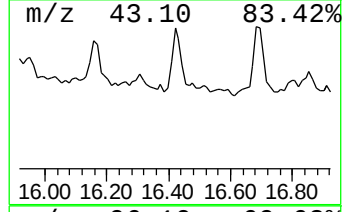
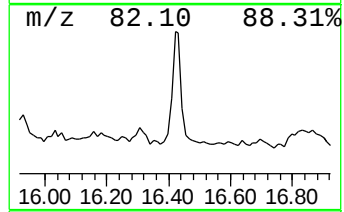
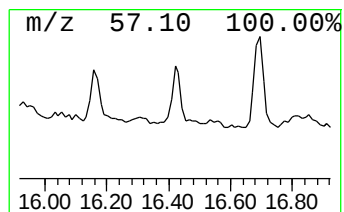
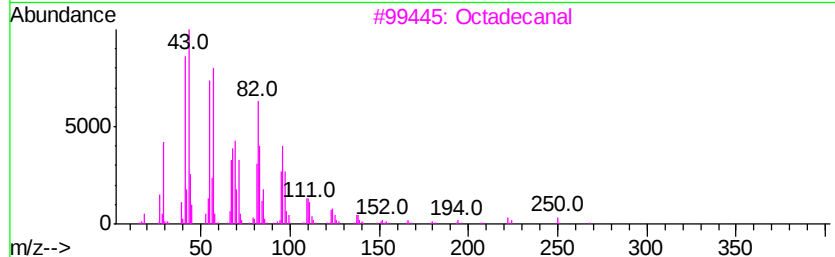
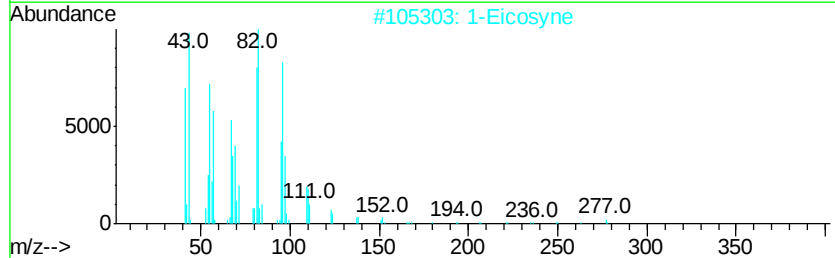
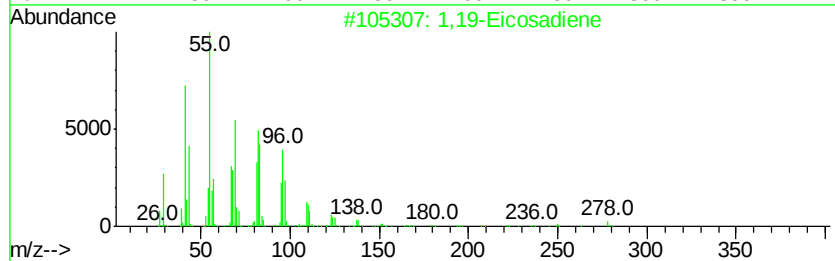
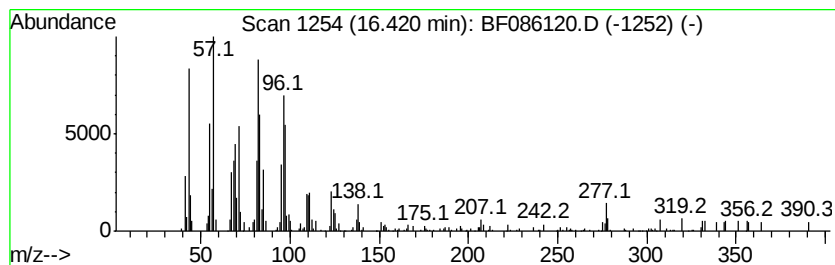
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 1,19-Eicosadiene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.42	4.69 ng	134124	Perylene-d12	15.31

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,19-Eicosadiene	278	C20H38	014811-95-1	92
2			1-Eicosyne	278	C20H38	000765-27-5	83
3			Octadecanal	268	C18H36O	000638-66-4	74
4			Oxirane, hexadecyl-	268	C18H36O	007390-81-0	70
5			18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
Sample : H2166-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
L-P-C-SOIL-PILE1

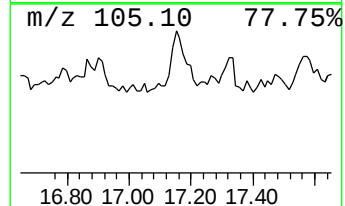
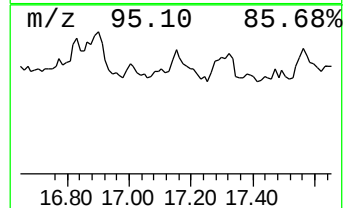
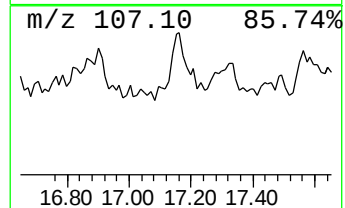
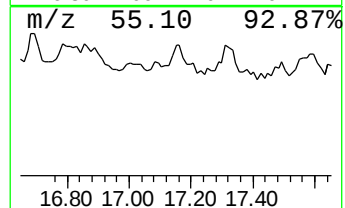
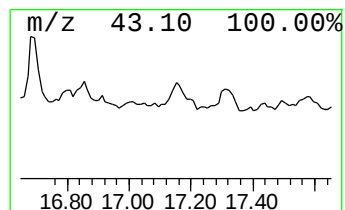
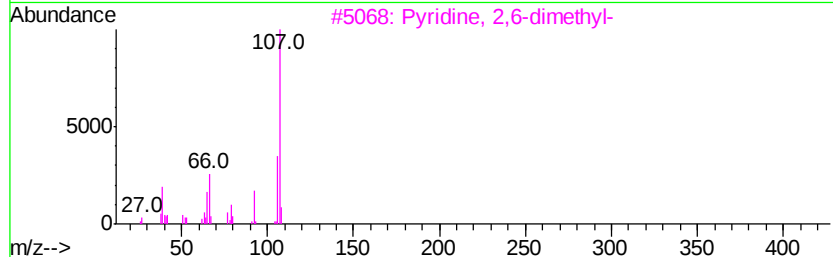
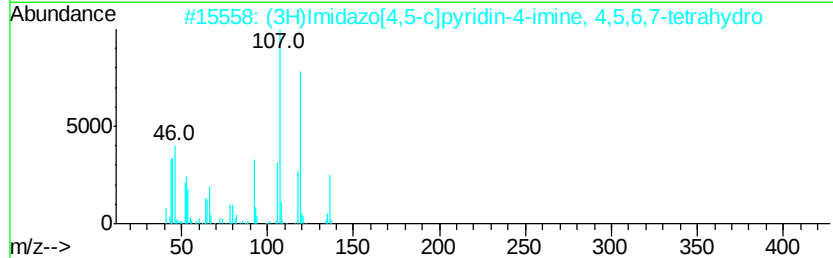
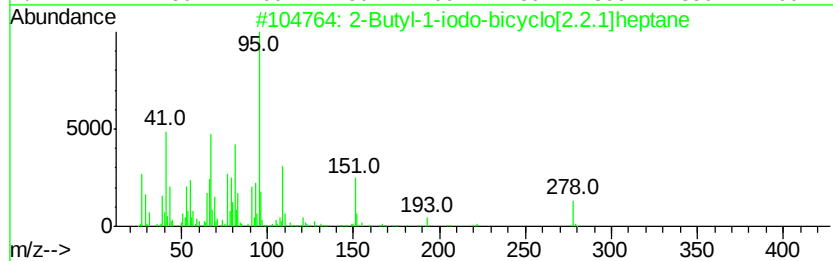
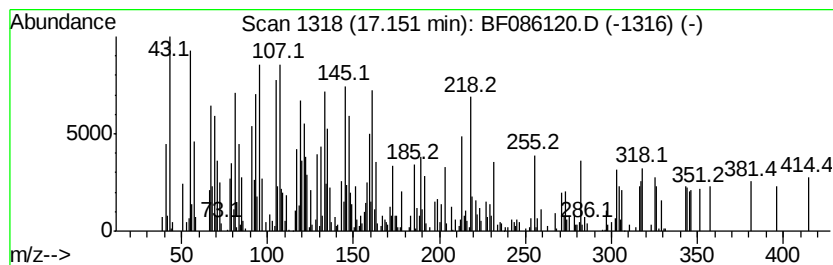
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.15 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	7.97 ng	227903	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Butyl-1-iodo-bicyclo[2.2.1]hep...	278	C11H19I	1000190-59-7	38
2		(3H)Imidazo[4,5-c]pyridin-4-imin...	136	C6H8N4	1000126-39-1	22
3		Pyridine, 2,6-dimethyl-	107	C7H9N	000108-48-5	22
4		Pyrimidine, 4-diethylborovloxy-2,...	192	C10H17BN2O	1000149-49-5	22
5		8-Thiabicyclo[5.1.0]octane	128	C7H12S	053907-79-2	22



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
Data File : BF086120.D
Acq On : 7 Apr 2016 1:47
Operator : UM/SJ
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Misc :
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ClientSampleId :
L-P-C-SOIL-PILE1

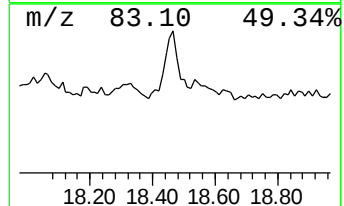
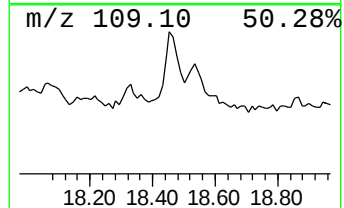
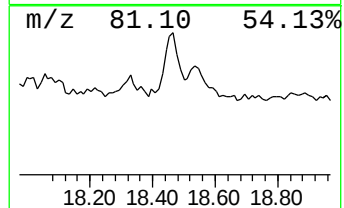
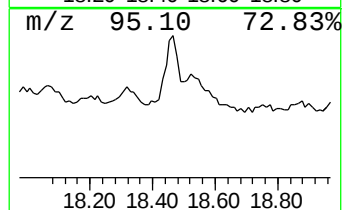
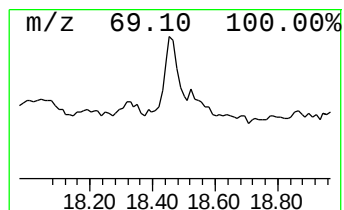
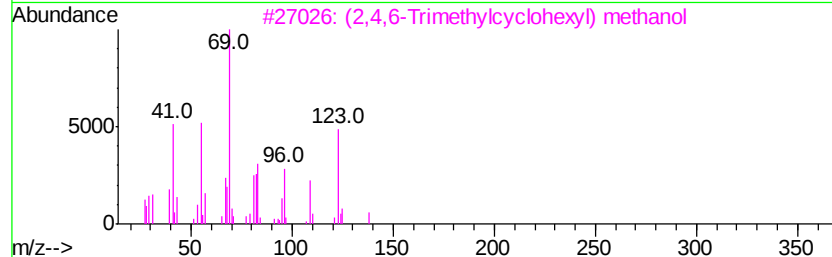
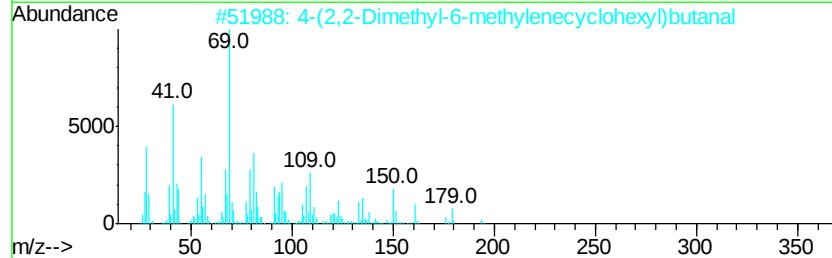
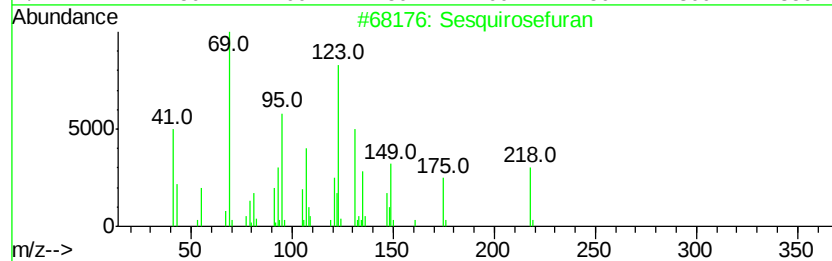
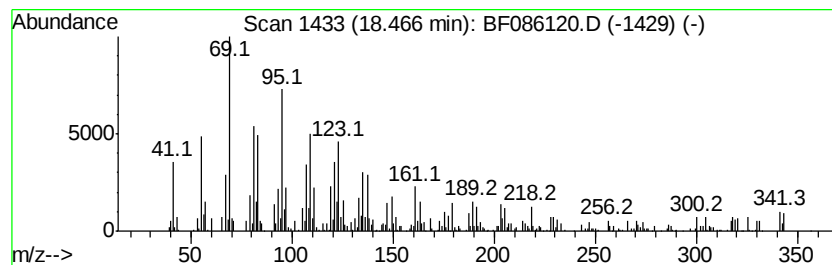
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.47 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.47	8.24 ng	235762	Perylene-d12	15.31

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sesquirosefuran	218	C15H22O	039007-93-7	49
2		4-(2,2-Dimethyl-6-methylenecyclo...	194	C13H22O	095452-13-4	38
3		(2,4,6-Trimethylcyclohexyl) meth...	156	C10H20O	013702-56-2	32
4		2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	30
5		1H-Indene, 1-(1,5-dimethyl-2-hex...	248	C18H32	054411-95-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF040616\
 Data File : BF086120.D
 Acq On : 7 Apr 2016 1:47
 Operator : UM/SJ
 Sample : H2166-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-P-C-SOIL-PILE1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.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
unknown6.52	6.52	94.6	ng	3287040	1	6.74	694892	20.0
Tridecane	10.69	4.2	ng	151840	4	11.26	717258	20.0
5H-Indeno[1,2-b]p...	11.51	2.9	ng	102986	4	11.26	717258	20.0
15-Tetracosenoic ...	11.73	3.4	ng	121305	4	11.26	717258	20.0
Phenanthrene, 2-m...	11.77	3.6	ng	127545	4	11.26	717258	20.0
n-Hexadecanoic acid	11.80	14.6	ng	522120	4	11.26	717258	20.0
4H-Cyclopenta[def...	11.88	5.3	ng	191339	4	11.26	717258	20.0
Octadecanoic acid	12.58	4.7	ng	169734	4	11.26	717258	20.0
5-Eicosene, (E)-	13.76	6.9	ng	568834	5	13.91	1653410	20.0
1-Heptadecene	14.39	4.5	ng	375116	5	13.91	1653410	20.0
Oxirane, heptadecyl-	14.80	7.1	ng	202327	6	15.31	572156	20.0
Benzo[e]pyrene	15.19	6.9	ng	196235	6	15.31	572156	20.0
Octadecanal	15.49	7.9	ng	225289	6	15.31	572156	20.0
Triacontane	15.71	24.6	ng	704937	6	15.31	572156	20.0
1,19-Eicosadiene	16.42	4.7	ng	134124	6	15.31	572156	20.0
unknown17.15	17.15	8.0	ng	227903	6	15.31	572156	20.0
unknown18.47	18.47	8.2	ng	235762	6	15.31	572156	20.0