

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087757.D
 Acq On : 6 Jun 2016 17:45
 Operator : UM/SJ
 Sample : H3267-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1280(0-4)

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-BF060416.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	1.724	8	12	14	rVV	4064747	7985372	100.00%	13.676%
2	1.770	14	16	25	rVB	144102	303163	3.80%	0.519%
3	1.895	25	27	45	rVB	1047331	1615979	20.24%	2.768%
4	2.124	45	47	64	rVB	134197	215371	2.70%	0.369%
5	5.039	300	302	309	rVB	387093	628236	7.87%	1.076%
6	5.461	335	339	341	rVB	2368671	3348095	41.93%	5.734%
7	6.490	425	429	431	rBV	2562422	3128492	39.18%	5.358%
8	6.616	437	440	443	rBV	2285634	3160621	39.58%	5.413%
9	6.844	458	460	463	rBV	504798	680006	8.52%	1.165%
10	7.004	472	474	477	rVB	2181907	2389630	29.93%	4.092%
11	7.416	507	510	512	rBV	1707850	1807462	22.63%	3.095%
12	8.136	570	573	574	rBV	1098544	948229	11.87%	1.624%
13	9.210	664	667	670	rVB	2258727	3234195	40.50%	5.539%
14	9.542	692	696	698	rBV	47668	81625	1.02%	0.140%
15	9.610	698	702	704	rVB	346386	388829	4.87%	0.666%
16	9.748	712	714	716	rBV	144029	116726	1.46%	0.200%
17	9.885	724	726	728	rVV2	790743	874240	10.95%	1.497%
18	9.919	728	729	731	rVB	248398	190643	2.39%	0.326%
19	10.091	742	744	746	rBV	170326	132225	1.66%	0.226%
20	10.296	760	762	763	rBV	94437	97705	1.22%	0.167%
21	10.399	769	771	772	rVV	95078	93198	1.17%	0.160%
22	10.433	772	774	776	rVB	186495	164534	2.06%	0.282%
23	10.593	785	788	790	rVV2	64873	86802	1.09%	0.149%
24	10.673	790	795	797	rVV2	1642798	1819308	22.78%	3.116%
25	10.799	801	806	809	rBV2	145459	196176	2.46%	0.336%
26	10.993	818	823	825	rBV3	117635	203341	2.55%	0.348%
27	11.096	830	832	837	rBV3	122235	211816	2.65%	0.363%
28	11.176	837	839	841	rVB	87432	111871	1.40%	0.192%
29	11.268	841	847	849	rBV4	168382	368679	4.62%	0.631%
30	11.313	849	851	854	rVB	148489	196792	2.46%	0.337%
31	11.371	854	856	857	rBV	817094	864793	10.83%	1.481%
32	11.394	857	858	860	rVV	1551073	1200287	15.03%	2.056%
33	11.439	860	862	864	rVV	321806	335420	4.20%	0.574%
34	11.599	873	876	877	rBV	189950	203605	2.55%	0.349%

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

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 Peak separation: 5

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35	11.622	877	878	881 rVV	95706	96842	1.21%	0.166%
36	11.714	883	886	888 rVB2	106384	152985	1.92%	0.262%
37	11.874	897	900	901 rBV	141857	223074	2.79%	0.382%
38	11.896	901	902	905 rVV2	371068	405684	5.08%	0.695%
39	11.976	907	909	913 rVB	256893	397504	4.98%	0.681%
40	12.079	913	918	919 rBV4	38176	83343	1.04%	0.143%
41	12.182	924	927	931 rVB3	178066	332815	4.17%	0.570%
42	12.285	934	936	937 rBV	81728	117150	1.47%	0.201%
43	12.422	945	948	949 rBV	97848	132501	1.66%	0.227%
44	12.456	949	951	953 rBV2	118546	179523	2.25%	0.307%
45	12.502	953	955	958 rVB	128999	146370	1.83%	0.251%
46	12.582	959	962	964 rVB	1997643	1841480	23.06%	3.154%
47	12.628	964	966	968 rBV2	44353	83663	1.05%	0.143%
48	12.731	971	975	978 rBV3	104824	204550	2.56%	0.350%
49	12.811	978	982	984 rBV	1682596	2057827	25.77%	3.524%
50	12.857	984	986	988 rVB2	78217	106129	1.33%	0.182%
51	12.925	990	992	993 rBV	120764	146715	1.84%	0.251%
52	12.959	993	995	997 rVB	2110834	2297075	28.77%	3.934%
53	13.028	997	1001	1002 rVB2	114284	94245	1.18%	0.161%
54	13.131	1005	1010	1012 rVB2	222383	400103	5.01%	0.685%
55	13.199	1014	1016	1017 rBV	128077	99562	1.25%	0.171%
56	13.234	1017	1019	1023 rVB3	227333	409835	5.13%	0.702%
57	13.451	1035	1038	1041 rVB5	44950	92926	1.16%	0.159%
58	13.531	1041	1045	1049 rBV5	67527	202584	2.54%	0.347%
59	13.634	1051	1054	1057 rBV	222490	259680	3.25%	0.445%
60	13.691	1057	1059	1061 rVB2	100779	130636	1.64%	0.224%
61	13.748	1061	1064	1065 rBV	186809	238446	2.99%	0.408%
62	13.782	1065	1067	1068 rVV	108151	139441	1.75%	0.239%
63	13.851	1071	1073	1076 rVB2	191352	343730	4.30%	0.589%
64	13.999	1082	1086	1087 rBV2	1138061	1810359	22.67%	3.100%
65	14.022	1087	1088	1092 rVB	597703	854671	10.70%	1.464%
66	14.102	1093	1095	1097 rBV3	155517	212892	2.67%	0.365%
67	14.388	1115	1120	1121 rBV	175853	226925	2.84%	0.389%
68	14.422	1121	1123	1125 rVV	119842	113984	1.43%	0.195%
69	14.502	1125	1130	1134 rVV5	159021	455803	5.71%	0.781%
70	14.582	1135	1137	1140 rVB3	62444	84537	1.06%	0.145%
71	14.685	1144	1146	1147 rBV	66591	89122	1.12%	0.153%

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72	14.868	1158	1162	1166	rVV3	143096	257436	3.22%	0.441%
73	15.017	1172	1175	1180	rBV	633885	1468318	18.39%	2.515%
74	15.120	1180	1184	1187	rVB2	171848	325319	4.07%	0.557%
75	15.302	1195	1200	1203	rVB	319663	670195	8.39%	1.148%
76	15.371	1203	1206	1208	rBV	465782	590826	7.40%	1.012%
77	15.428	1208	1211	1212	rBV	444419	521621	6.53%	0.893%
78	15.760	1238	1240	1244	rVB	85926	172069	2.15%	0.295%
79	15.885	1249	1251	1254	rBV	119129	198882	2.49%	0.341%
80	16.651	1314	1318	1323	rVB4	64445	172453	2.16%	0.295%
81	16.811	1329	1332	1336	rVB2	217235	407289	5.10%	0.698%
82	16.983	1344	1347	1349	rBV	48407	102260	1.28%	0.175%
83	17.040	1349	1352	1359	rVB2	60240	194873	2.44%	0.334%
84	17.223	1365	1368	1374	rVB	149528	331554	4.15%	0.568%
85	17.440	1385	1387	1396	rVB2	37964	115162	1.44%	0.197%
86	19.349	1551	1554	1562	rVB	38016	125281	1.57%	0.215%
87	19.509	1564	1568	1571	rBV	26267	89216	1.12%	0.153%

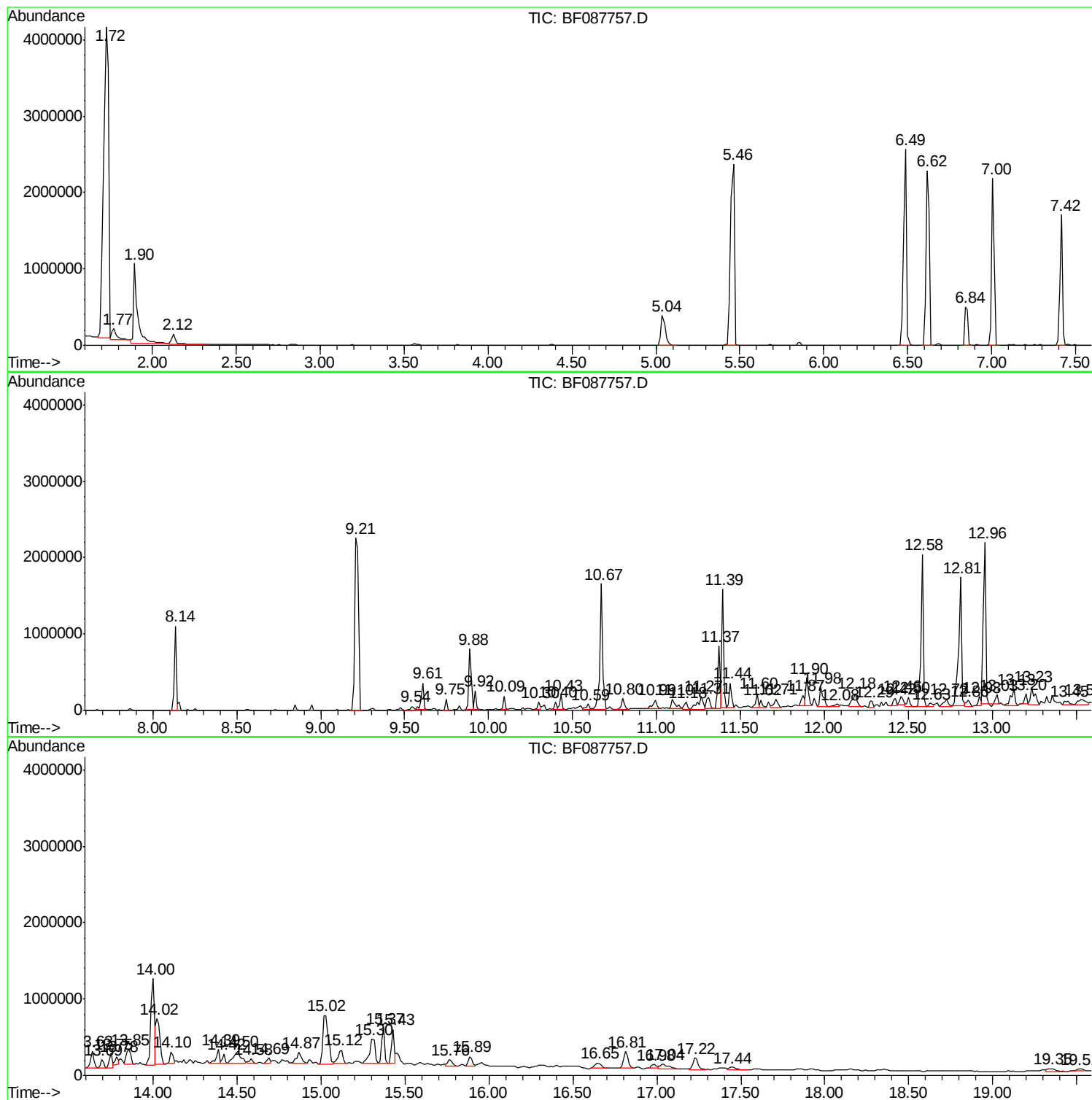
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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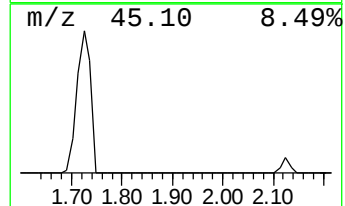
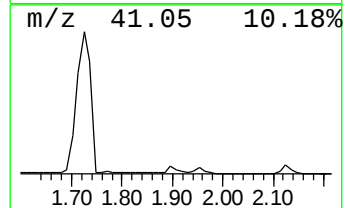
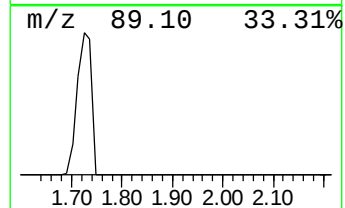
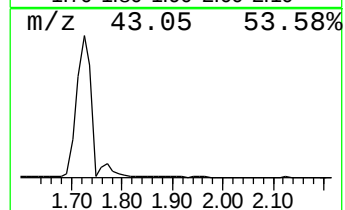
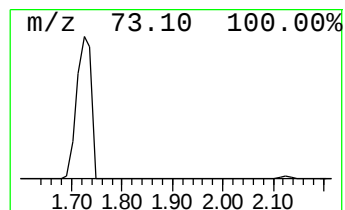
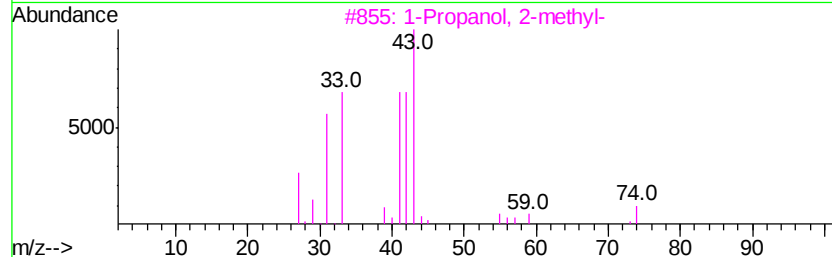
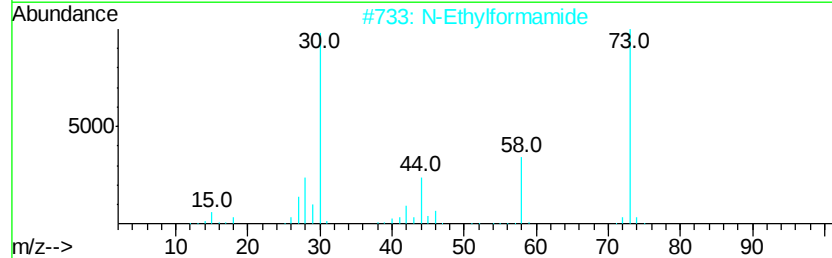
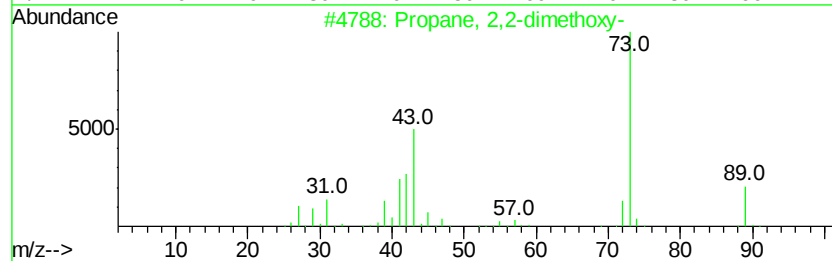
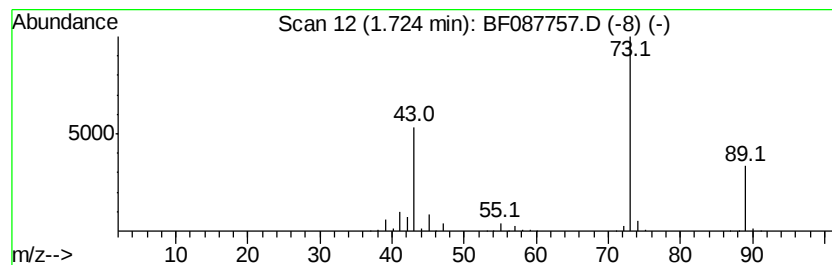
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.72	234.86 ng	7985370	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
4		1,3-Diaminoquanidine	89	CH7N5	004364-78-7	9
5		2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9



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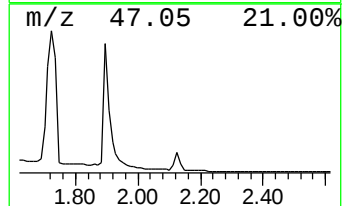
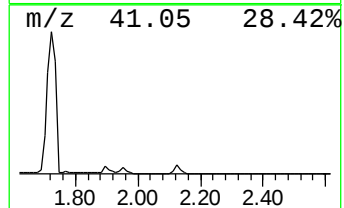
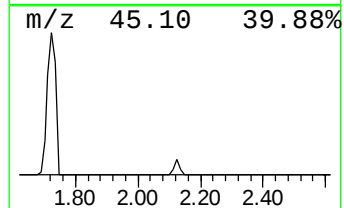
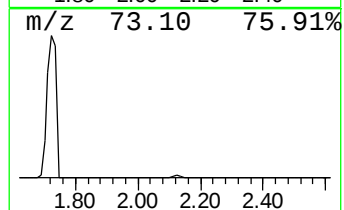
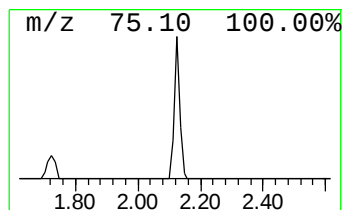
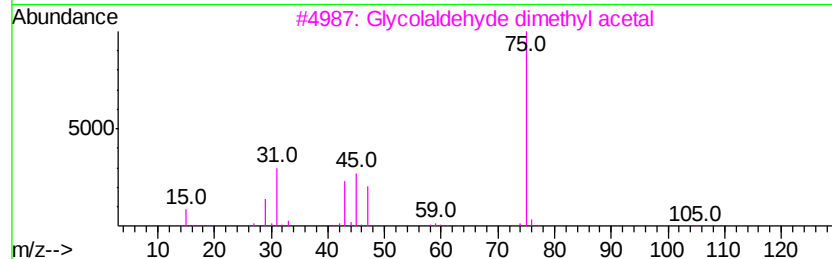
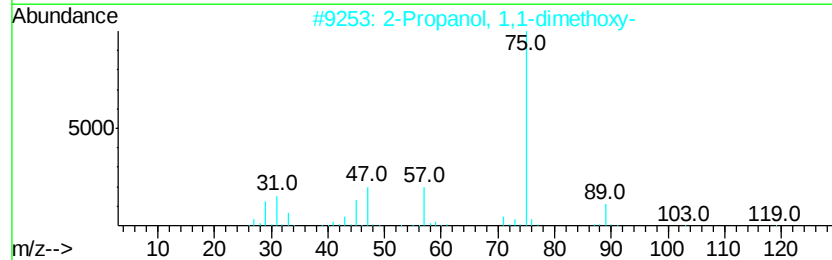
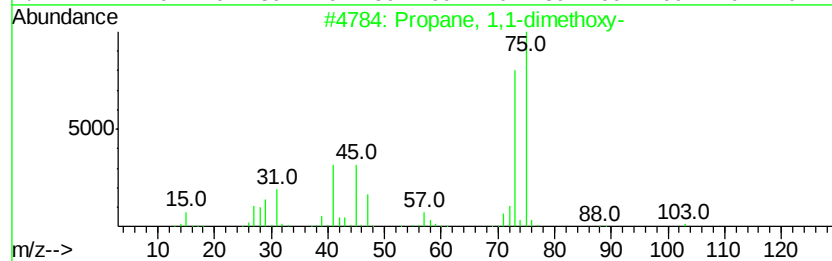
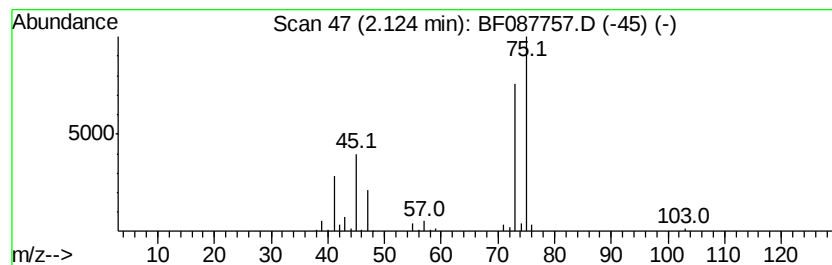
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Propane, 1,1-dimethoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.12	6.33 ng	215371	1,4-Dichlorobenzene-d4	6.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	74
2		2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	50
3		Glycolaldehyde dimethyl acetal	106	C4H10O3	030934-97-5	28
4		1,3-Dioxolane, 2-(1-bromoethyl)-	180	C5H9BrO2	005267-73-2	16
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10



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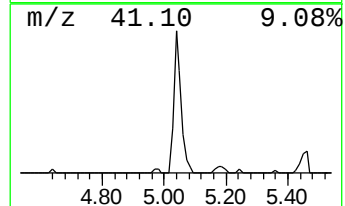
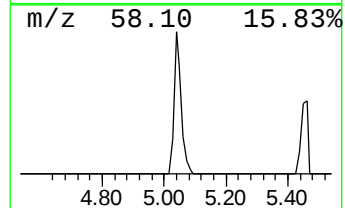
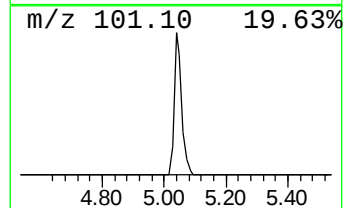
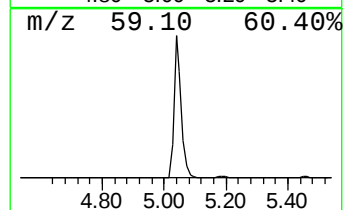
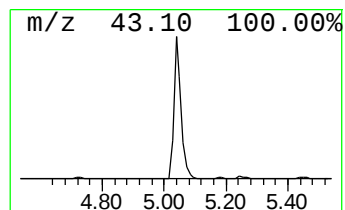
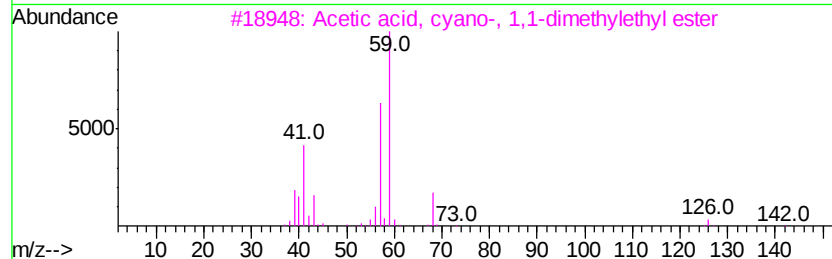
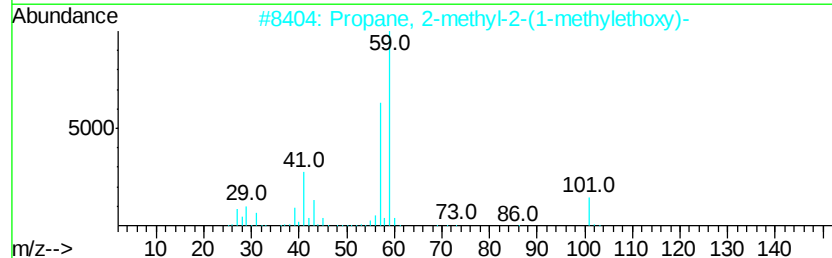
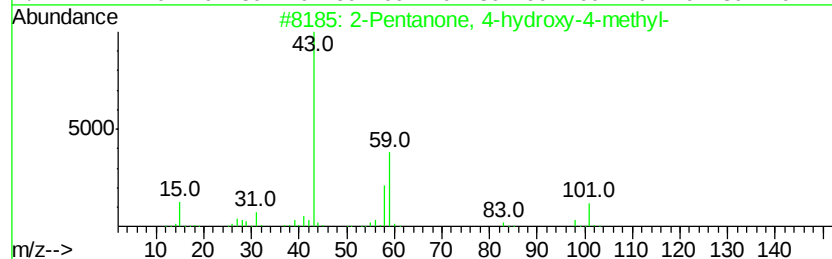
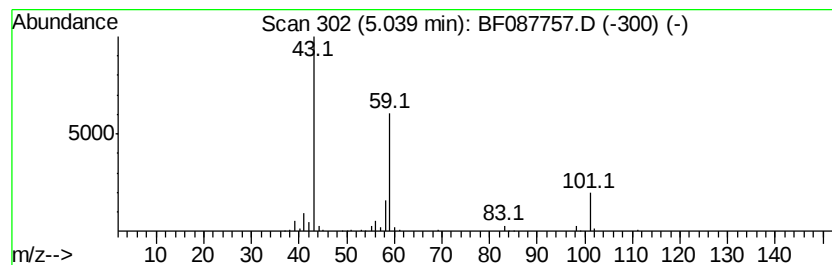
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	18.48 ng	628236	1,4-Dichlorobenzene-d4	6.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56		
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28		
3	Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23		
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9		
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



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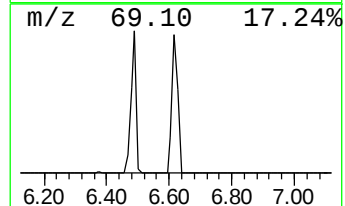
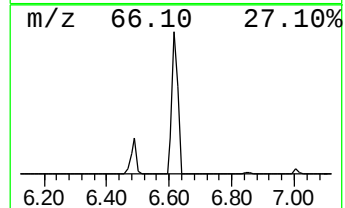
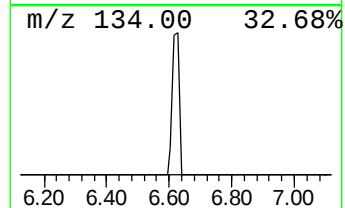
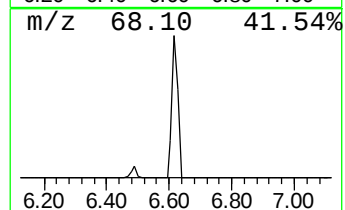
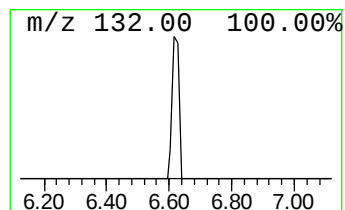
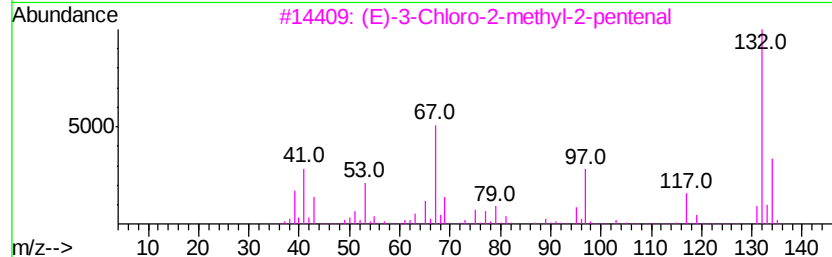
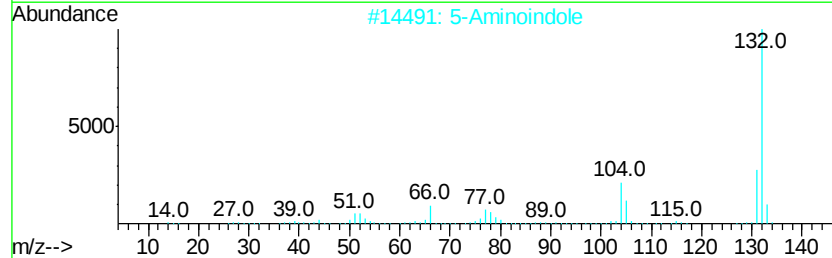
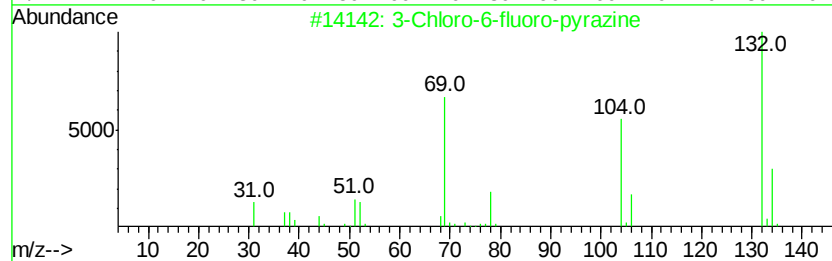
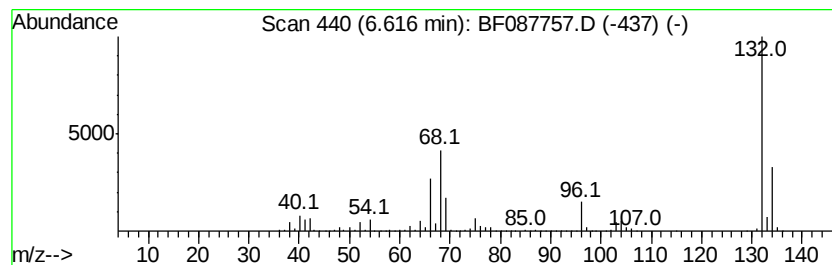
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown6.62 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	92.96 ng	3160620	1,4-Dichlorobenzene-d4	6.86

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		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
4		4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

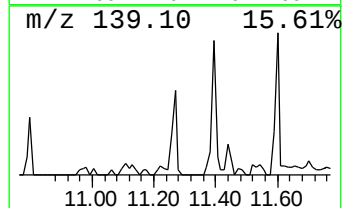
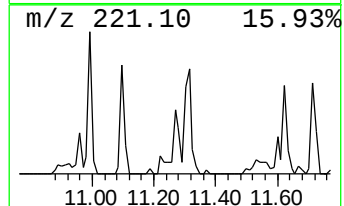
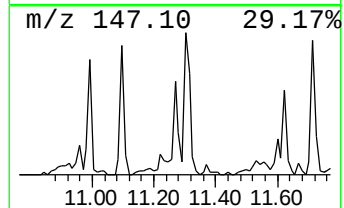
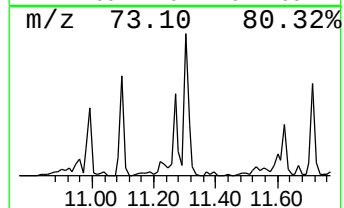
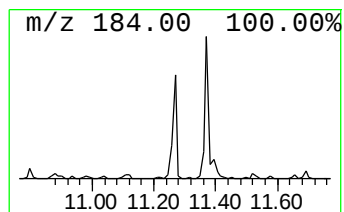
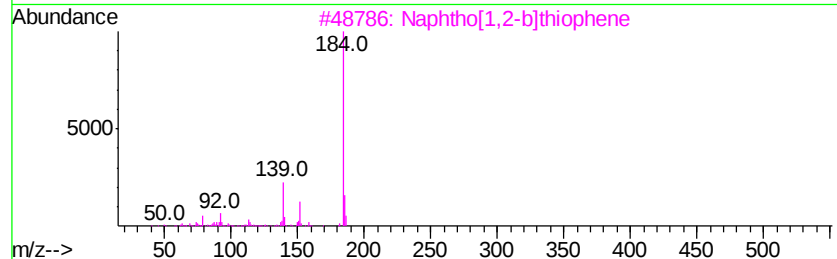
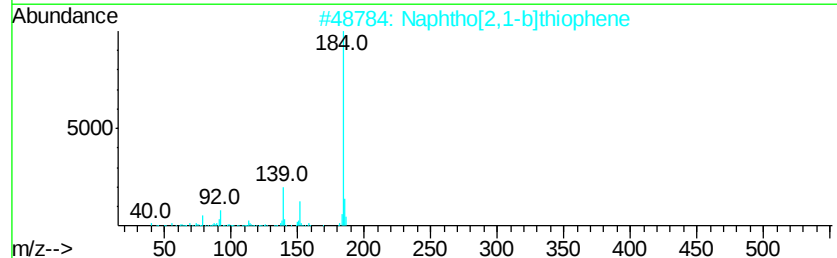
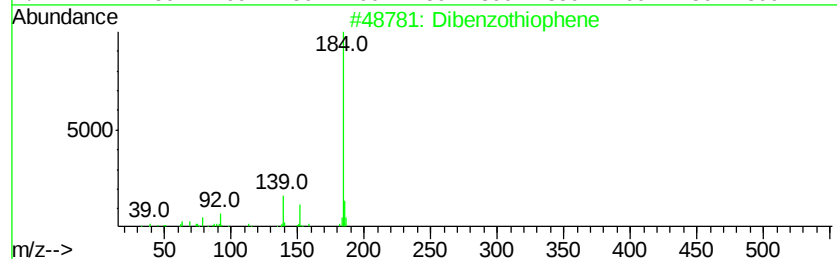
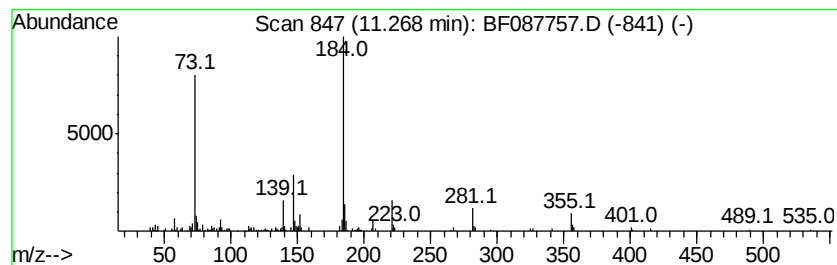
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	8.53 ng	368679	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzothiophene	184	C12H8S	000132-65-0	95
2		Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3		Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	89
4		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	64
5		L-Proline, 1-(tert-butyl)dimethyl...	343	C17H37N02Si2	107715-91-3	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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Sample : H3267-07
Misc :
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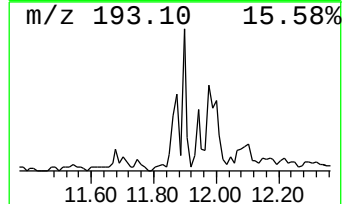
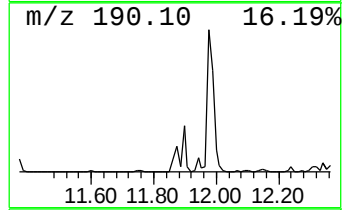
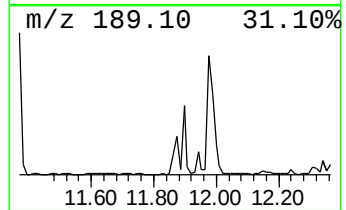
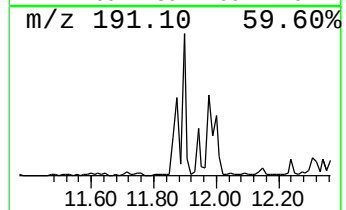
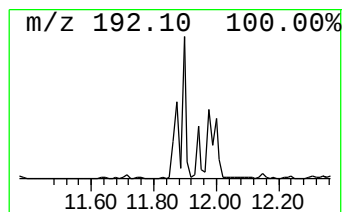
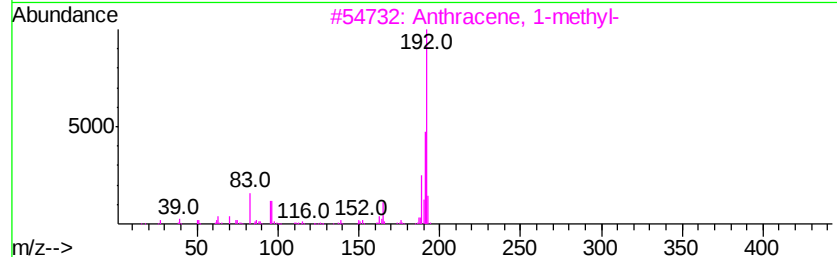
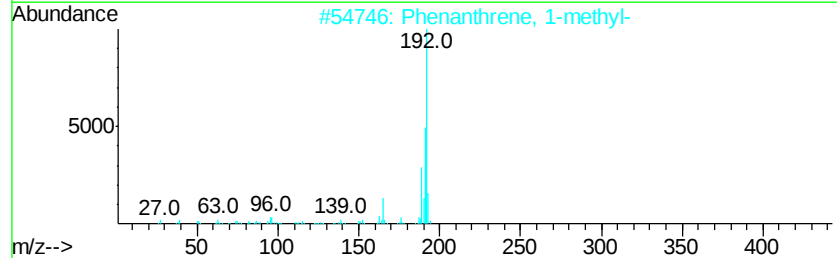
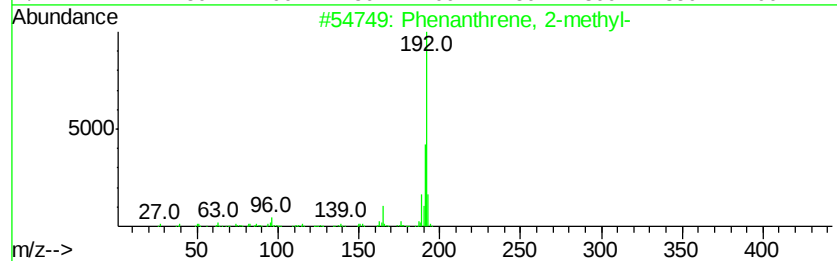
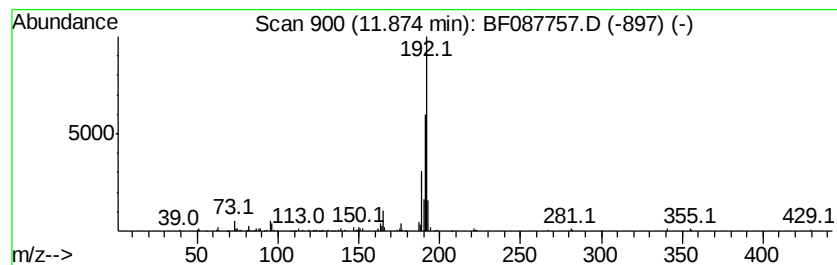
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	5.16 ng	223074	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
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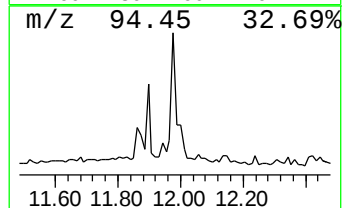
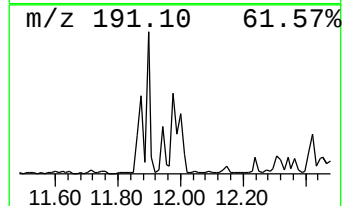
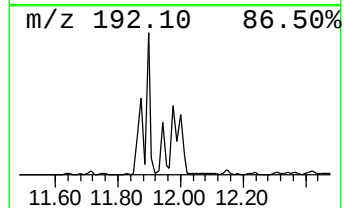
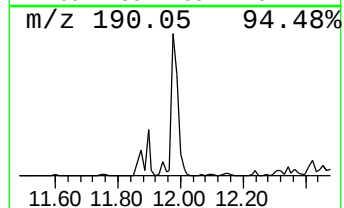
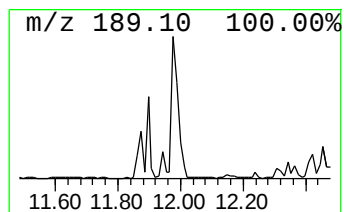
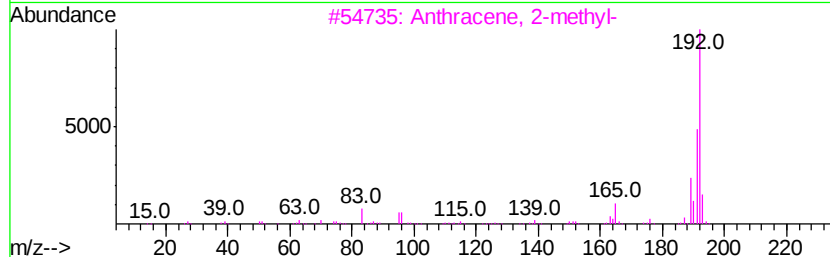
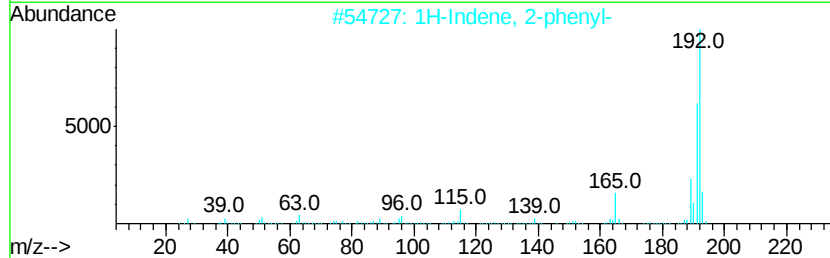
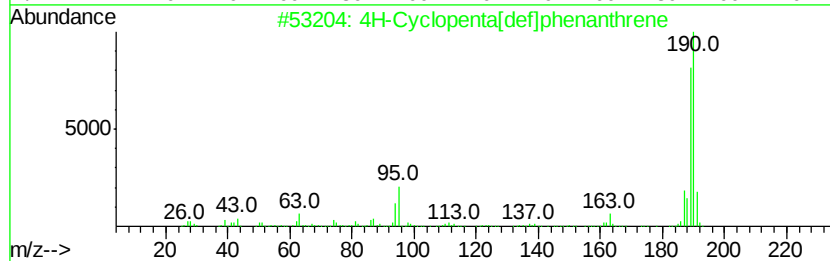
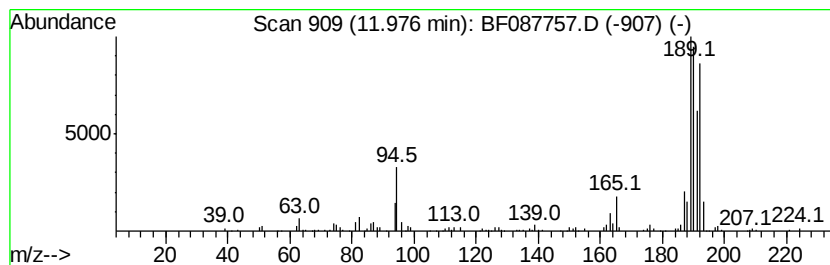
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.98	9.19 ng	397504	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	42
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	42
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

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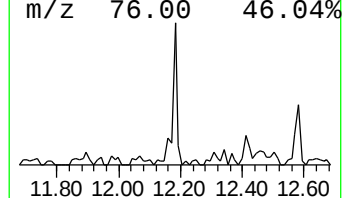
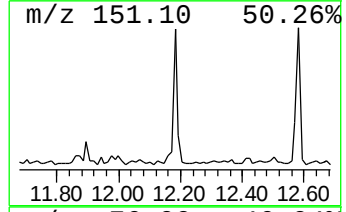
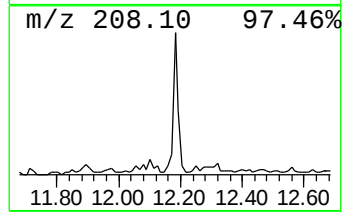
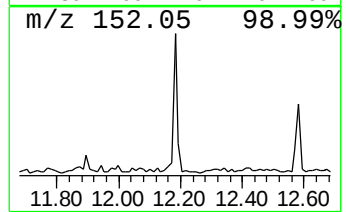
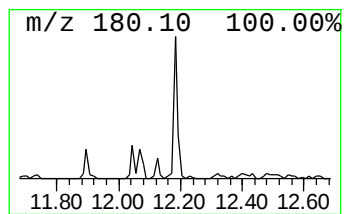
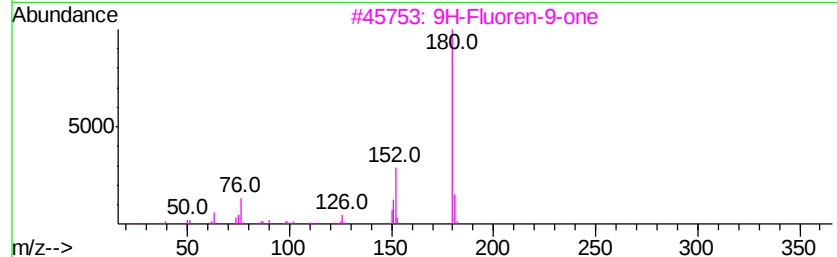
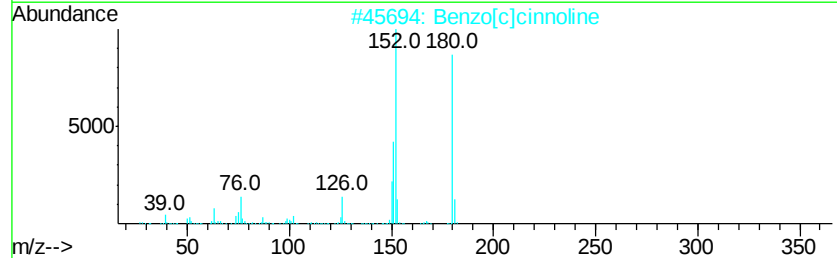
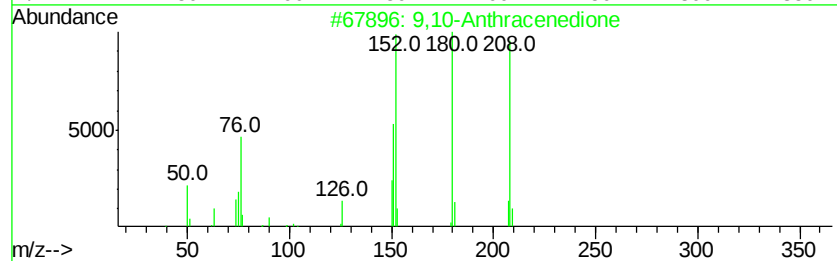
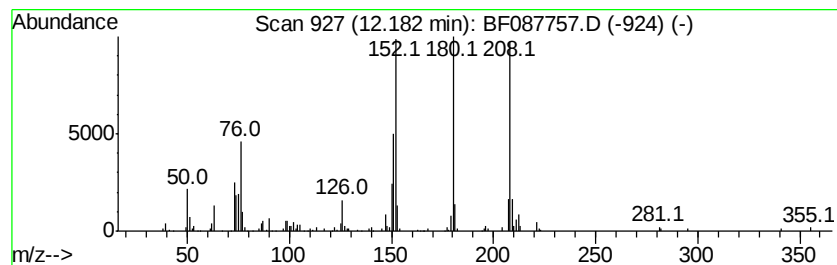
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	7.70 ng	332815	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		Benzo[c]cinnoline	180	C12H8N2	000230-17-1	95
3		9H-Fluoren-9-one	180	C13H8O	000486-25-9	90
4		1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5		5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

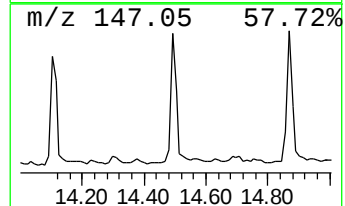
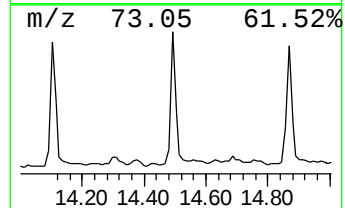
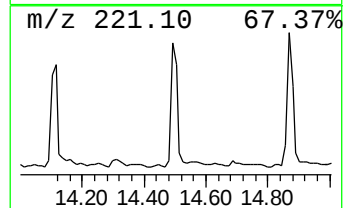
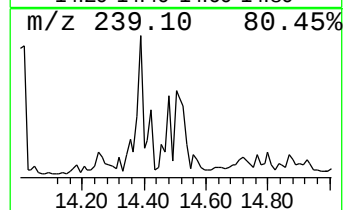
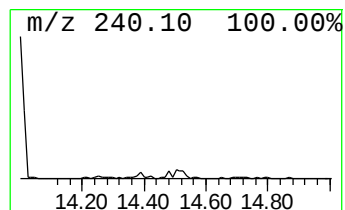
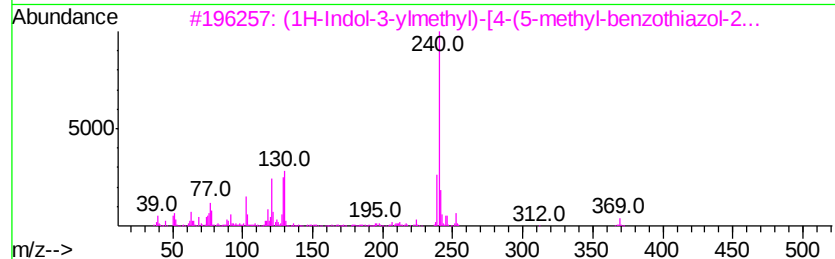
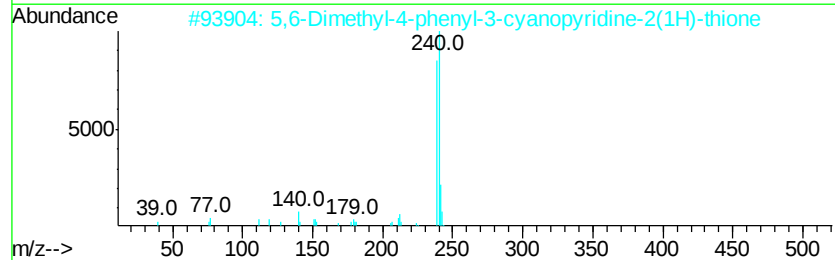
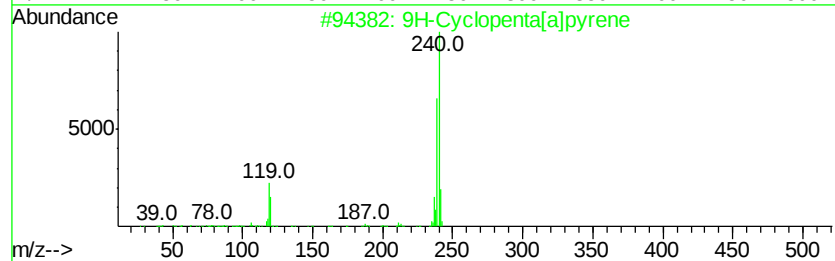
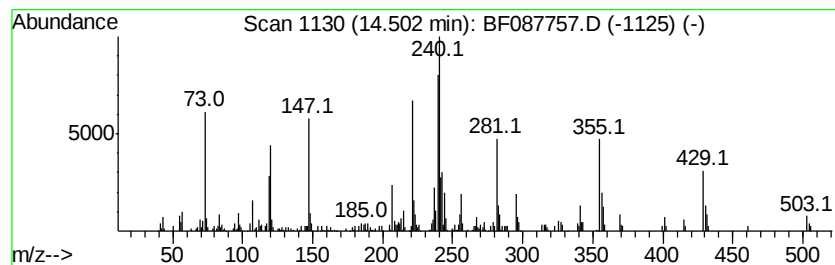
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 9H-Cyclopenta[a]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.50	5.04 ng	455803	Chrysene-d12	14.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	9H-Cyclopenta[a]pyrene	240 C19H12	050861-05-7	50
2	5,6-Dimethyl-4-phenyl-3-cyanopyr...	240 C14H12N2S	094639-18-6	38
3	(1H-Indol-3-ylmethyl)-[4-(5-meth...	369 C23H19N3S	1000295-86-8	14
4	4,6-Dimethyl-2-oxo-1-p-tolyl-1,2...	256 C15H16N2O2	024518-23-8	11
5	(3H,6H)Thieno[3,4-c]isoxazole, 6...	239 C11H10ClNOS	1000115-55-6	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
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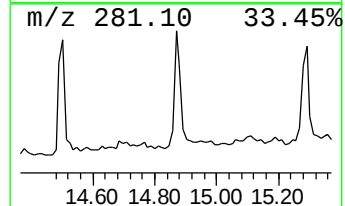
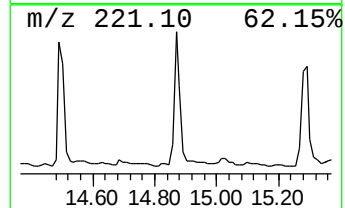
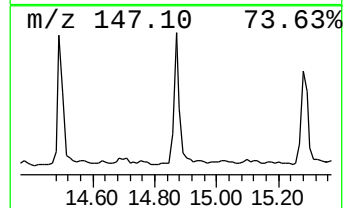
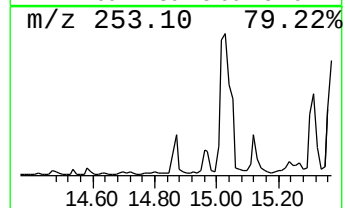
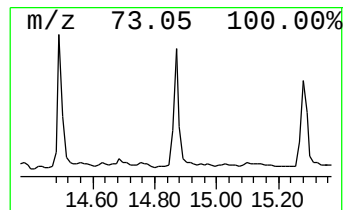
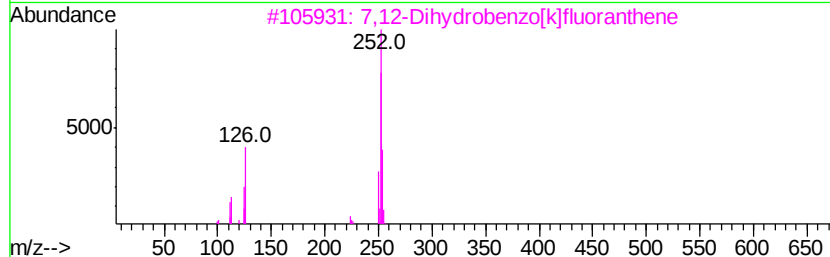
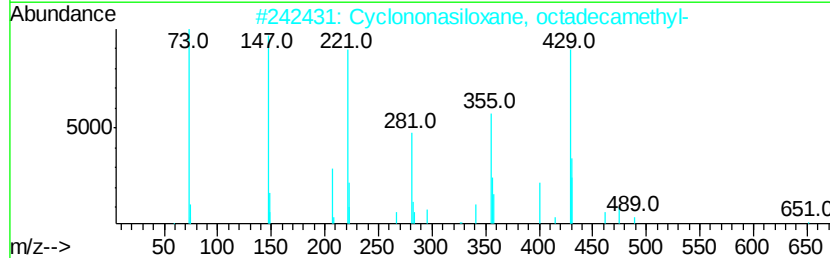
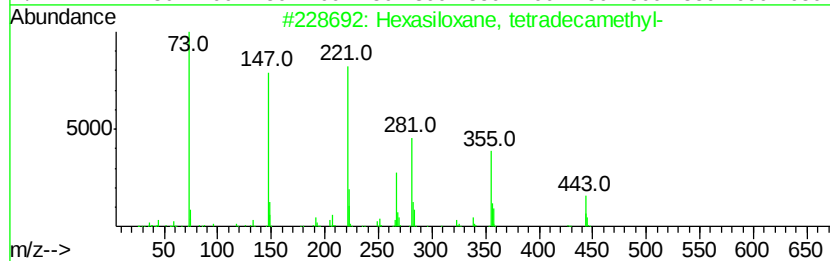
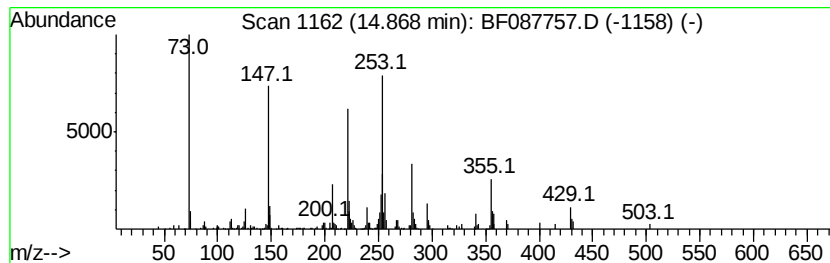
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 unknown14.87 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	9.87 ng	257436	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexasiloxane, tetradecamethyl-	458	C14H42O5Si6	000107-52-8	43
2			Cyclononasiloxane, octadecamethyl-	666	C18H54O9Si9	000556-71-8	43
3			7,12-Dihydrobenzo[k]fluoranthene	254	C20H14	1000080-17-7	30
4			N-Benzyl-N-ethyl-p-isopropylbenz...	281	C19H23NO	015089-22-2	25
5			6-(2-Formylhydrazino)-N,N'-bis(i...	253	C10H19N7O	084305-82-8	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

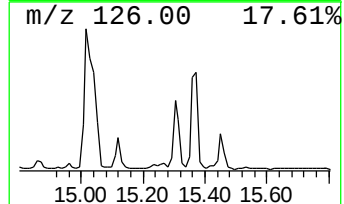
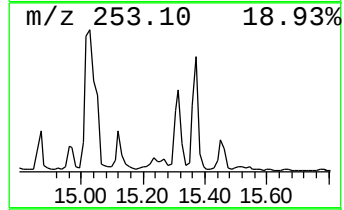
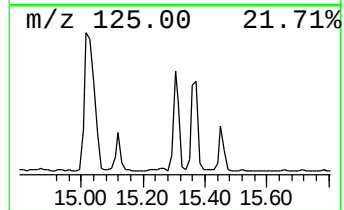
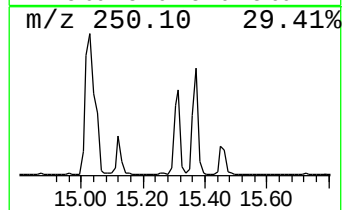
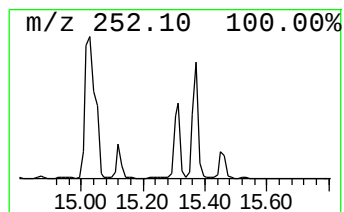
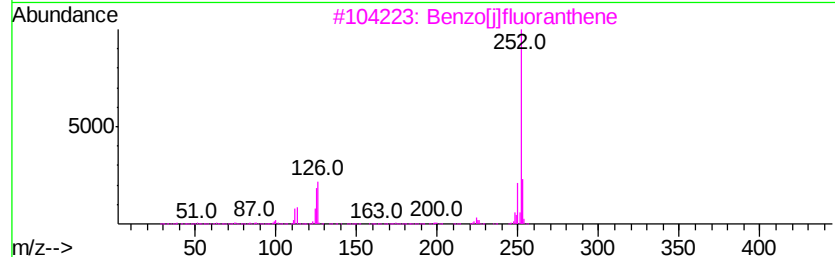
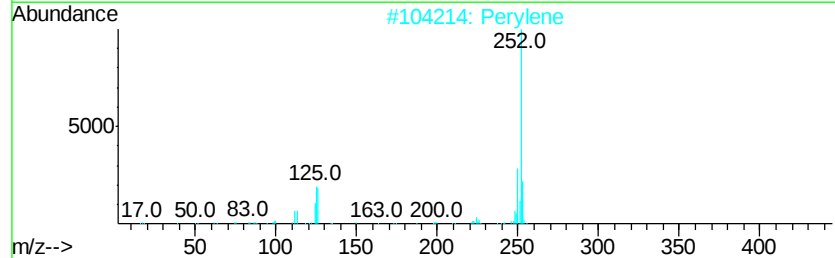
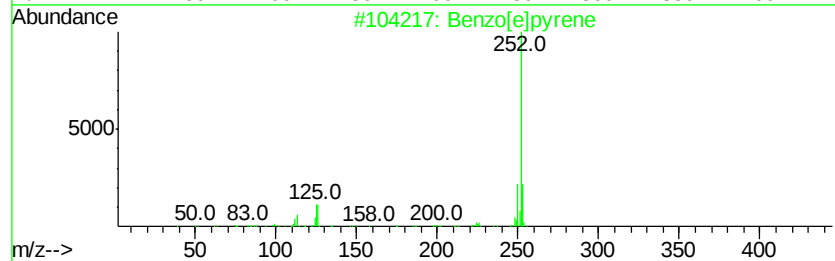
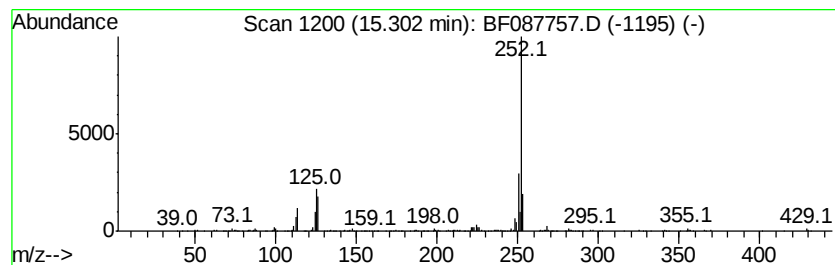
Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.30	25.70 ng	670195	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[e]pyrene	252 C20H12	000192-97-2 97
2		Perylene	252 C20H12	000198-55-0 97
3		Benzo[il]fluoranthene	252 C20H12	000205-82-3 96
4		Benzo[e]acephenanthrylene	252 C20H12	000205-99-2 96
5		Benzo[a]pyrene	252 C20H12	000050-32-8 95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

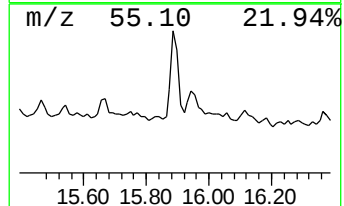
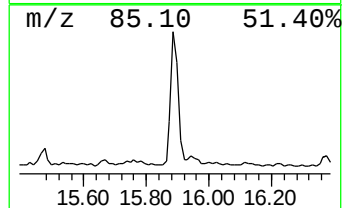
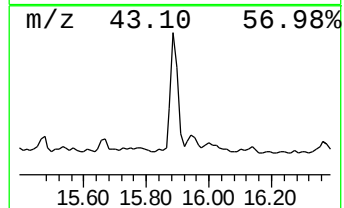
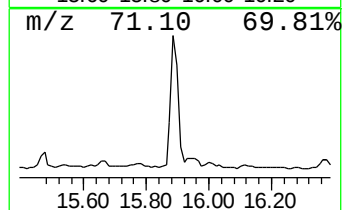
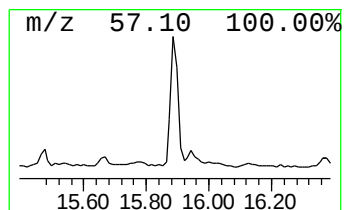
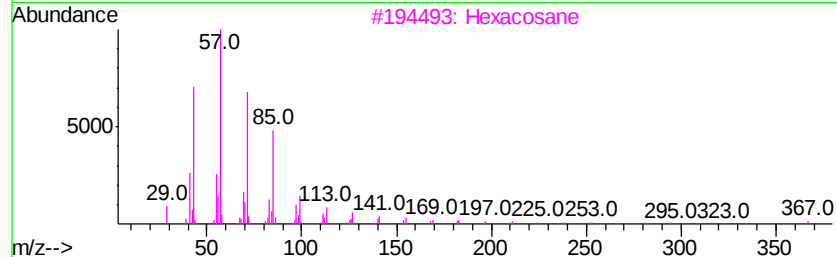
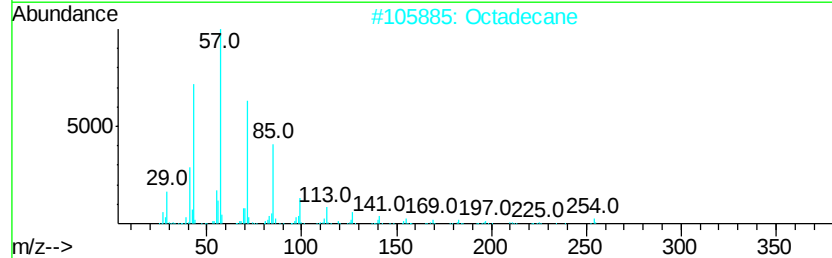
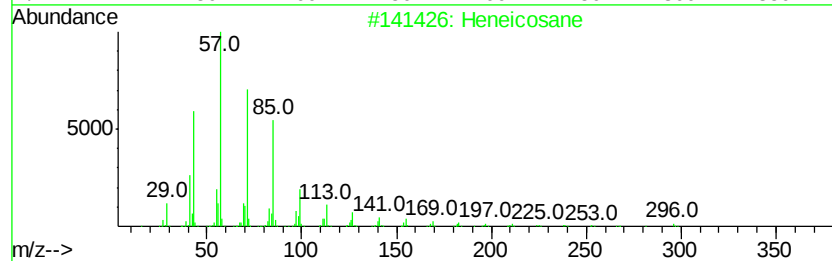
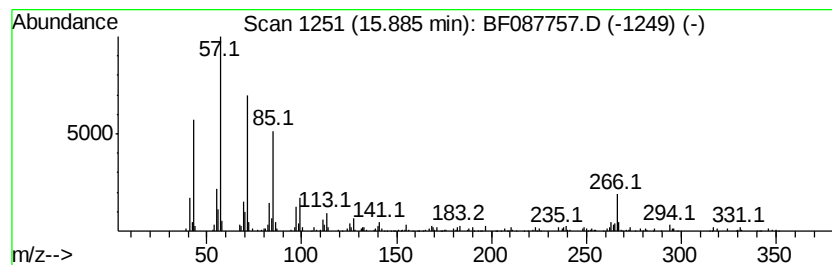
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	7.63 ng	198882	Perylene-d12	15.43

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	99
2			Octadecane	254	C18H38	000593-45-3	89
3			Hexacosane	366	C26H54	000630-01-3	87
4			Octacosane	394	C28H58	000630-02-4	83
5			Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

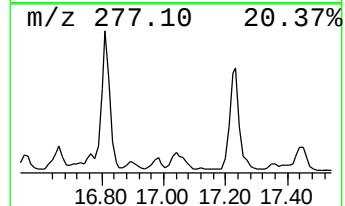
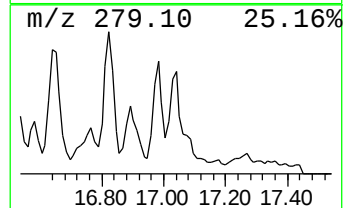
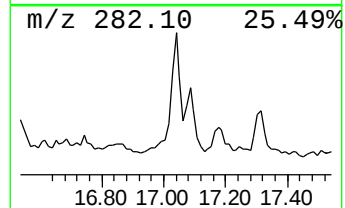
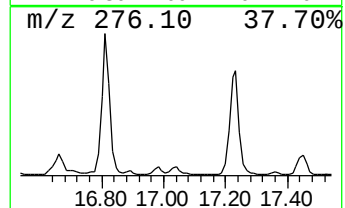
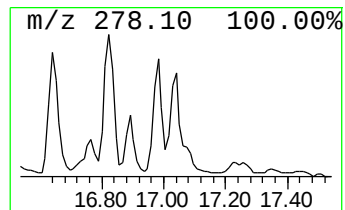
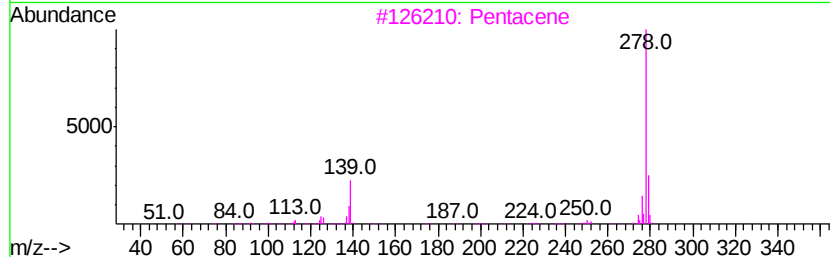
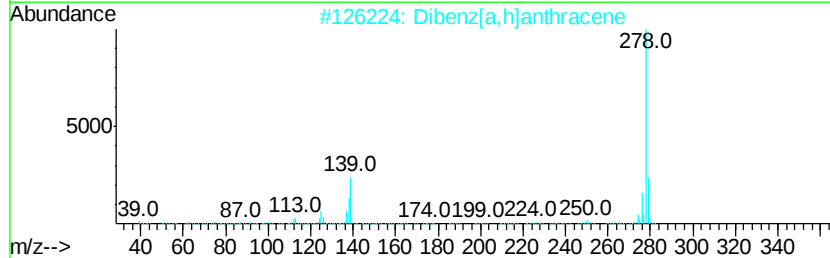
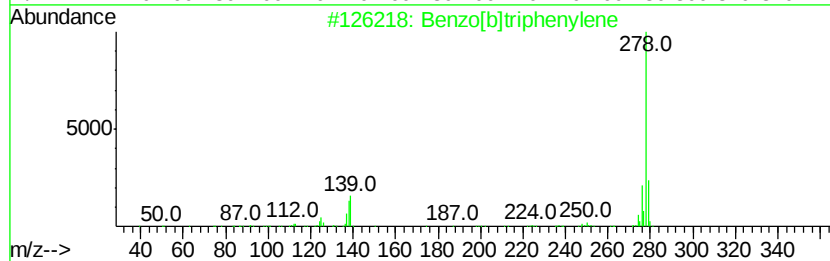
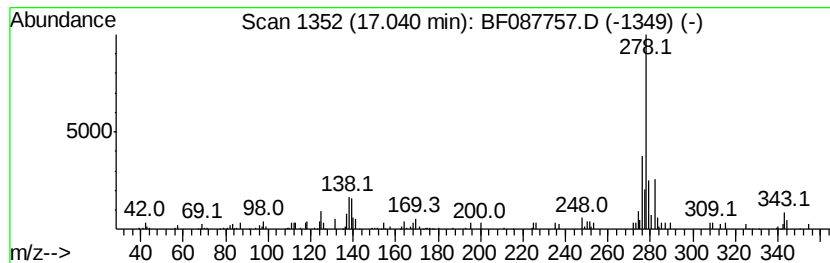
Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Benzo[b]triphenylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	7.47 ng	194873	Perylene-d12	15.43
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Benzo[b]triphenylene	278 C22H14	000215-58-7 91
2		Dibenz[a,h]anthracene	278 C22H14	000053-70-3 78
3		Pentacene	278 C22H14	000135-48-8 60
4		Picene	278 C22H14	000213-46-7 55
5		Curan, 16,17,19,20-tetradehydro-	278 C19H22N2	056053-17-9 52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087757.D
Acq On : 6 Jun 2016 17:45
Operator : UM/SJ
Sample : H3267-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1280(0-4)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Propane, 2,2-dime...	1.72	234.9	ng	7985370	1	6.86	680006	20.0
Propane, 1,1-dime...	2.12	6.3	ng	215371	1	6.86	680006	20.0
2-Pentanone, 4-hy...	5.04	18.5	ng	628236	1	6.86	680006	20.0
unknown6.62	6.62	93.0	ng	3160620	1	6.86	680006	20.0
Dibenzothiophene	11.27	8.5	ng	368679	4	11.37	864793	20.0
Phenanthrene, 2-m...	11.87	5.2	ng	223074	4	11.37	864793	20.0
4H-Cyclopenta[def...	11.98	9.2	ng	397504	4	11.37	864793	20.0
9,10-Anthracenedione	12.18	7.7	ng	332815	4	11.37	864793	20.0
9H-Cyclopenta[a]p...	14.50	5.0	ng	455803	5	14.00	1810360	20.0
unknown14.87	14.87	9.9	ng	257436	6	15.43	521621	20.0
Benzo[e]pyrene	15.30	25.7	ng	670195	6	15.43	521621	20.0
Heneicosane	15.89	7.6	ng	198882	6	15.43	521621	20.0
Benzo[b]triphenylene	17.04	7.5	ng	194873	6	15.43	521621	20.0