

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
 Data File : BF087752.D
 Acq On : 6 Jun 2016 15:13
 Operator : UM/SJ
 Sample : H3267-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 STA-TA-1271(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	rVB	4170882	7206140	100.00%	8.539%
2	1.770	14	16	25	rVV	223881	536785	7.45%	0.636%
3	1.895	25	27	44	rVB	1737897	2821033	39.15%	3.343%
4	2.113	44	46	61	rVB	112908	261092	3.62%	0.309%
5	5.039	299	302	310	rVB	413951	605328	8.40%	0.717%
6	5.450	335	338	340	rVB	2128867	2440828	33.87%	2.892%
7	6.490	426	429	431	rVB	2315335	3084290	42.80%	3.655%
8	6.616	437	440	443	rBV	2359842	2697448	37.43%	3.196%
9	6.845	458	460	463	rBV	641590	802610	11.14%	0.951%
10	7.005	470	474	477	rBV	2159704	2287801	31.75%	2.711%
11	7.416	507	510	512	rBV	1756099	1847252	25.63%	2.189%
12	7.519	515	519	520	rBV	76923	139828	1.94%	0.166%
13	8.136	570	573	574	rBV	1202719	1160547	16.10%	1.375%
14	8.845	633	635	637	rVB	232785	204130	2.83%	0.242%
15	8.948	642	644	645	rBV	160122	143522	1.99%	0.170%
16	9.210	664	667	670	rVB	2481120	2716201	37.69%	3.219%
17	9.542	694	696	698	rVV	95787	135226	1.88%	0.160%
18	9.610	700	702	704	rVV	821541	786067	10.91%	0.931%
19	9.748	712	714	716	rVB	766667	634067	8.80%	0.751%
20	9.885	724	726	728	rVV2	978335	1058253	14.69%	1.254%
21	10.091	742	744	745	rBV	165989	131701	1.83%	0.156%
22	10.331	763	765	767	rVB2	99580	127076	1.76%	0.151%
23	10.433	772	774	777	rVB3	71185	136125	1.89%	0.161%
24	10.548	782	784	786	rBV2	104185	127976	1.78%	0.152%
25	10.673	792	795	797	rVB	1588535	1601224	22.22%	1.897%
26	10.799	801	806	809	rBV3	316614	509635	7.07%	0.604%
27	11.005	818	824	825	rBV6	56507	147203	2.04%	0.174%
28	11.131	831	835	837	rVB2	81104	126405	1.75%	0.150%
29	11.245	844	845	846	rVV	187619	130160	1.81%	0.154%
30	11.371	854	856	860	rBV2	1053761	1705652	23.67%	2.021%
31	11.439	860	862	864	rVB	465229	435023	6.04%	0.515%
32	11.599	873	876	877	rBV	404455	447265	6.21%	0.530%
33	11.668	881	882	884	rBV	161285	137726	1.91%	0.163%
34	11.874	897	900	901	rBV	164487	238577	3.31%	0.283%

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

35	11.896	901	902	904	rVV2	382607	439431	6.10%	0.521%
36	11.942	904	906	907	rVV	192406	165500	2.30%	0.196%
37	11.976	907	909	913	rVB	395483	618157	8.58%	0.732%
38	12.079	916	918	921	rVB3	195332	270600	3.76%	0.321%
39	12.182	921	927	929	rBV4	291587	578540	8.03%	0.686%
40	12.319	936	939	940	rBV2	100820	163806	2.27%	0.194%
41	12.422	945	948	949	rBV	376265	414978	5.76%	0.492%
42	12.456	949	951	954	rVV3	152874	307089	4.26%	0.364%
43	12.502	954	955	958	rVB	310819	296367	4.11%	0.351%
44	12.582	959	962	964	rVB	2332205	3473808	48.21%	4.116%
45	12.628	964	966	969	rBV2	98451	220753	3.06%	0.262%
46	12.674	969	970	972	rVB	258391	181166	2.51%	0.215%
47	12.731	972	975	978	rBV4	111712	304871	4.23%	0.361%
48	12.811	978	982	985	rVV	2239115	3853978	53.48%	4.567%
49	12.857	985	986	989	rVB2	246935	300834	4.17%	0.356%
50	12.925	990	992	993	rBV	294243	304138	4.22%	0.360%
51	12.959	993	995	997	rVB	1821816	1931281	26.80%	2.288%
52	13.028	998	1001	1007	rBV3	453472	979492	13.59%	1.161%
53	13.131	1007	1010	1012	rVB	461546	1086539	15.08%	1.288%
54	13.199	1014	1016	1018	rBV	376590	383001	5.31%	0.454%
55	13.234	1018	1019	1023	rVB3	493017	717430	9.96%	0.850%
56	13.302	1023	1025	1026	rBV2	86763	127126	1.76%	0.151%
57	13.325	1026	1027	1029	rVB	202878	258004	3.58%	0.306%
58	13.359	1029	1030	1032	rBV	274160	287548	3.99%	0.341%
59	13.497	1040	1042	1043	rBV	112617	198546	2.76%	0.235%
60	13.542	1044	1046	1049	rVB3	189376	372573	5.17%	0.441%
61	13.645	1051	1055	1057	rVV	574331	792648	11.00%	0.939%
62	13.748	1062	1064	1066	rVV2	494709	702778	9.75%	0.833%
63	13.782	1066	1067	1068	rVV	474446	415680	5.77%	0.493%
64	13.805	1068	1069	1071	rVV2	422858	524953	7.28%	0.622%
65	13.851	1071	1073	1076	rVB2	628094	811719	11.26%	0.962%
66	13.999	1083	1086	1088	rBV2	1965023	3610407	50.10%	4.278%
67	14.034	1088	1089	1092	rVV	1613858	1875035	26.02%	2.222%
68	14.114	1092	1096	1097	rVV2	234048	405927	5.63%	0.481%
69	14.148	1097	1099	1100	rVV	278951	379198	5.26%	0.449%
70	14.182	1100	1102	1104	rVV2	215526	382539	5.31%	0.453%
71	14.217	1104	1105	1108	rVV2	246284	435746	6.05%	0.516%

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72	14.262	1108	1109	1112	rVV	184648	235709	3.27%	0.279%
73	14.320	1112	1114	1116	rVV3	74820	150357	2.09%	0.178%
74	14.354	1116	1117	1118	rVV	163093	191363	2.66%	0.227%
75	14.388	1118	1120	1122	rVV	484950	708730	9.84%	0.840%
76	14.422	1122	1123	1125	rVV2	415564	501523	6.96%	0.594%
77	14.480	1126	1128	1130	rVV2	297917	511924	7.10%	0.607%
78	14.514	1130	1131	1135	rVV2	369070	650669	9.03%	0.771%
79	14.582	1135	1137	1140	rVV3	154605	281377	3.90%	0.333%
80	14.685	1144	1146	1148	rVV2	181485	296737	4.12%	0.352%
81	14.788	1152	1155	1158	rVV4	172066	379688	5.27%	0.450%
82	14.857	1159	1161	1166	rVV3	187096	445985	6.19%	0.528%
83	14.937	1166	1168	1170	rVV	118241	168232	2.33%	0.199%
84	15.040	1173	1177	1181	rBV	1751618	4108371	57.01%	4.868%
85	15.131	1181	1185	1187	rVV2	532321	730741	10.14%	0.866%
86	15.234	1191	1194	1196	rBV2	102819	247048	3.43%	0.293%
87	15.325	1199	1202	1204	rVV	1013762	1461318	20.28%	1.732%
88	15.382	1204	1207	1210	rVV	1256395	1504477	20.88%	1.783%
89	15.440	1210	1212	1213	rVV	543059	671558	9.32%	0.796%
90	15.462	1213	1214	1219	rVB2	363628	570946	7.92%	0.677%
91	15.965	1256	1258	1263	rVB2	107079	197904	2.75%	0.235%
92	16.674	1314	1320	1326	rVB5	143006	508205	7.05%	0.602%
93	16.834	1330	1334	1337	rBV2	604709	1135516	15.76%	1.346%
94	16.891	1337	1339	1345	rVB2	73451	135674	1.88%	0.161%
95	16.994	1345	1348	1350	rBV	97203	189409	2.63%	0.224%
96	17.051	1350	1353	1355	rBV	126968	236775	3.29%	0.281%
97	17.257	1366	1371	1377	rVB	421071	979636	13.59%	1.161%
98	17.394	1379	1383	1386	rVV3	75544	246634	3.42%	0.292%
99	17.463	1386	1389	1397	rVB2	99899	304628	4.23%	0.361%
100	19.371	1550	1556	1564	rVB	113854	497471	6.90%	0.589%

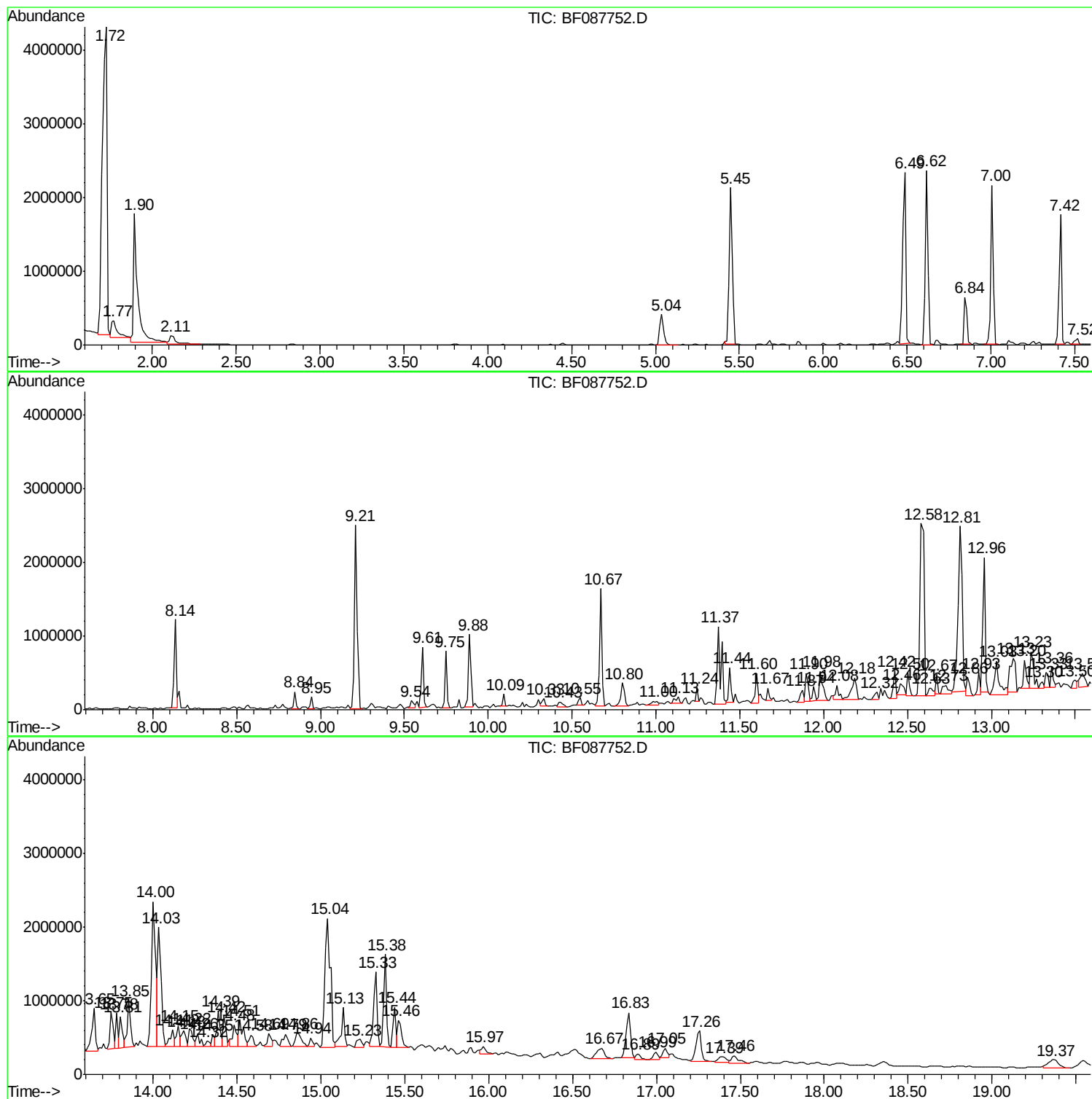
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Instrument :
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STA-TA-1271(0-4)

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



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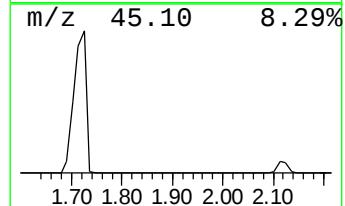
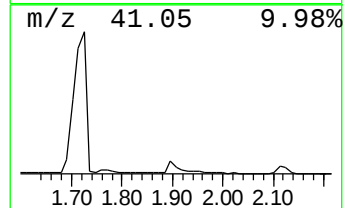
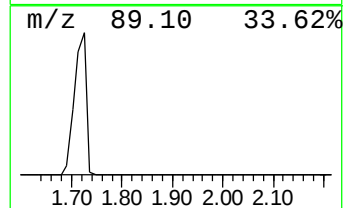
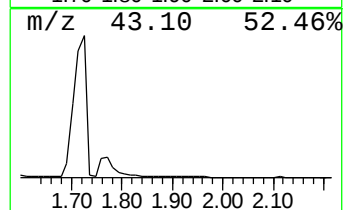
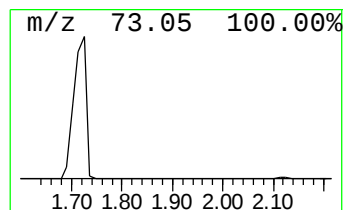
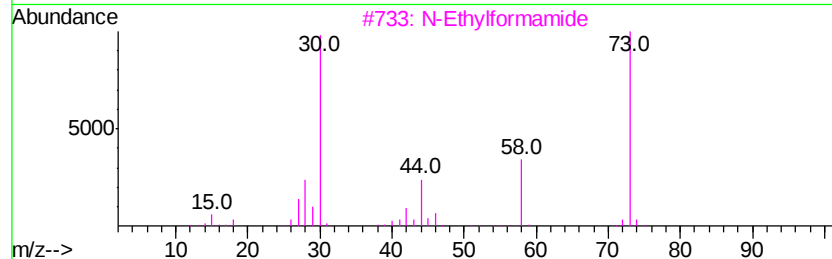
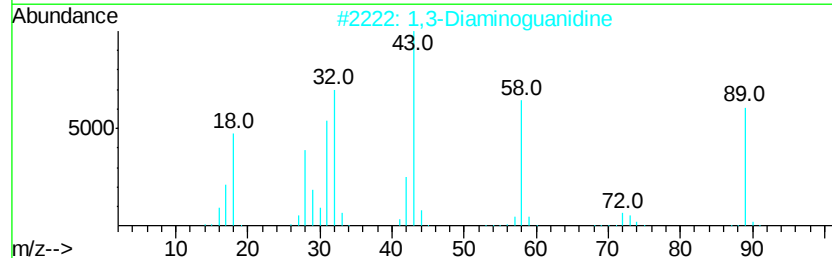
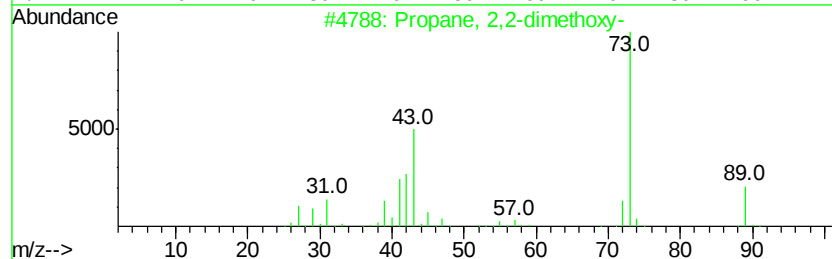
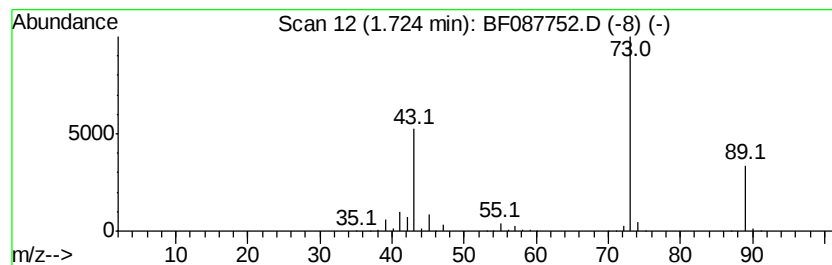
Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
1.72	179.57 ng	7206140	1,4-Dichlorobenzene-d4	6.84	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1,3-Diaminoquinidine	89	CH7N5	004364-78-7	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
5	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9



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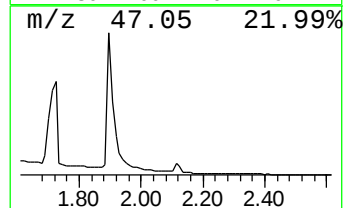
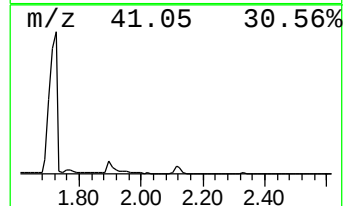
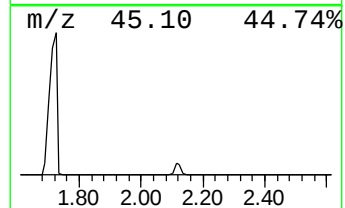
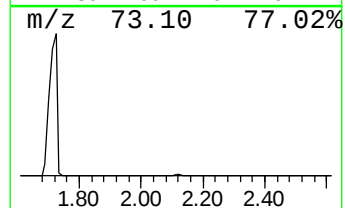
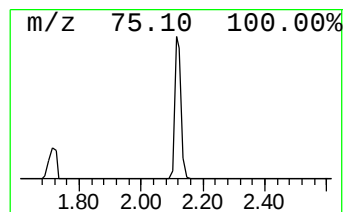
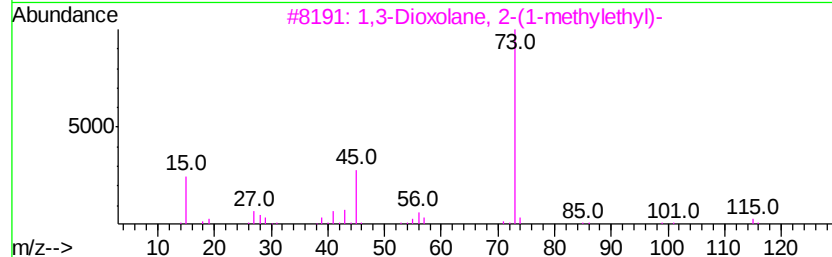
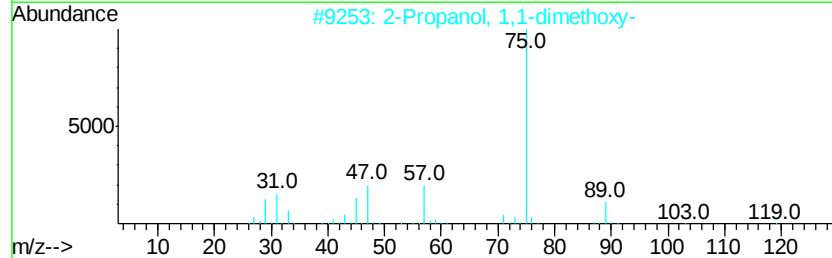
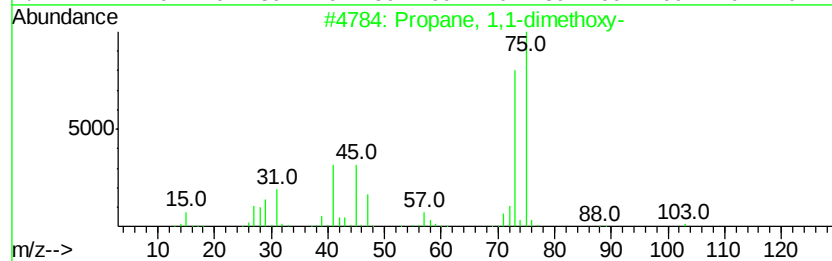
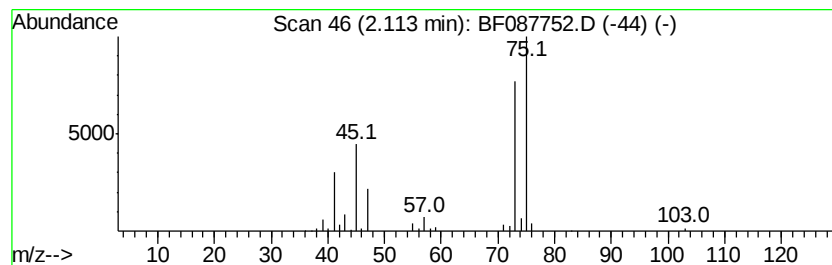
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060416.M
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.11	6.51 ng	261092	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	83
2			2-Propanol, 1,1-dimethoxy-	120	C5H12O3	042919-42-6	33
3			1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	12
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	10
5			1-Propene-1-thiol	74	C3H6S	000925-89-3	9



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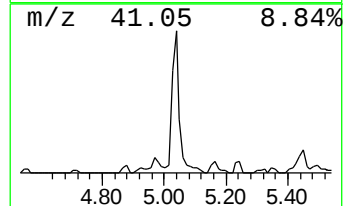
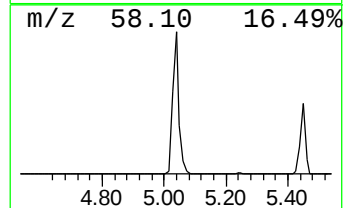
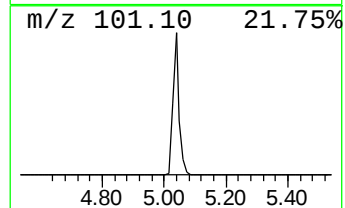
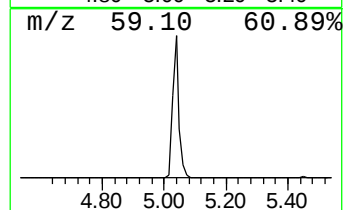
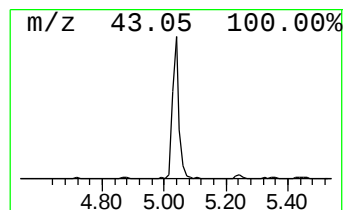
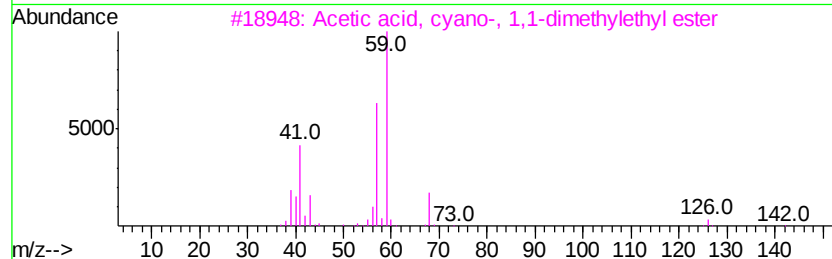
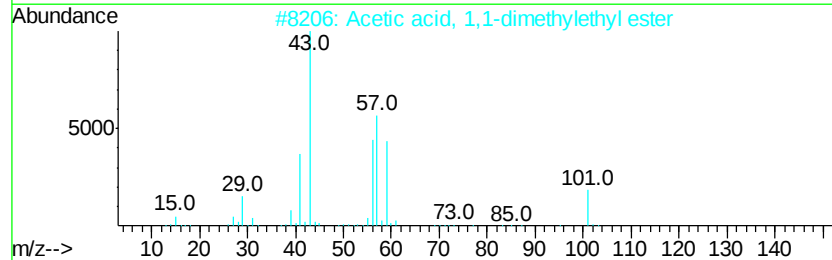
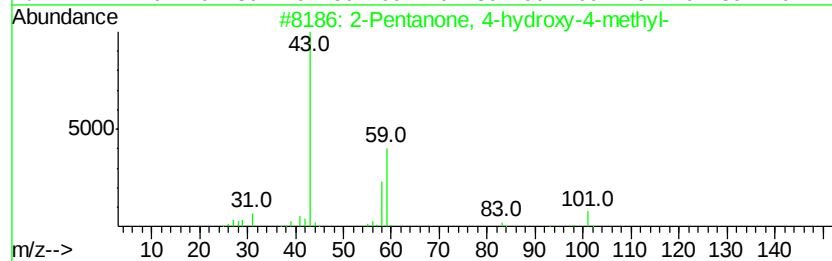
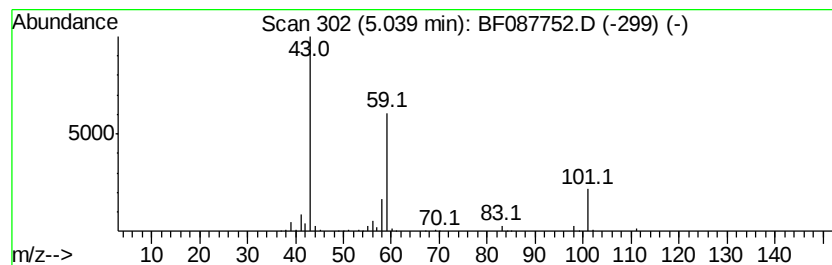
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TIC Integration Parameters: LSCINT.P

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	15.08 ng	605328	1,4-Dichlorobenzene-d4	6.84

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1271(0-4)

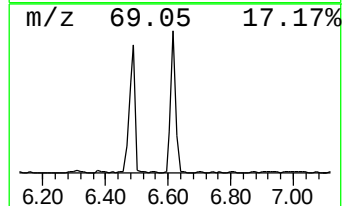
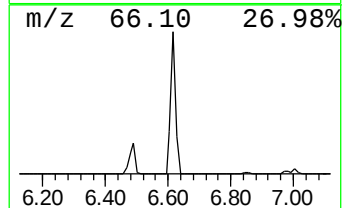
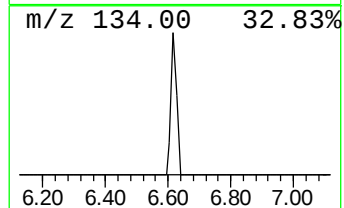
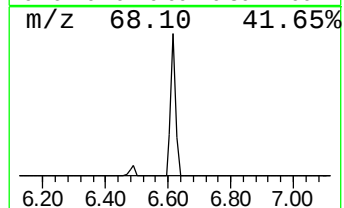
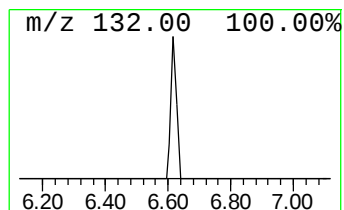
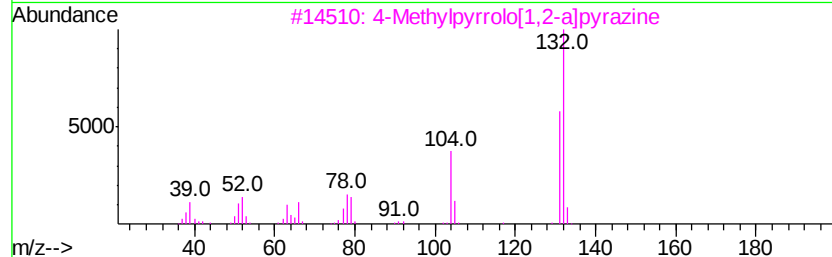
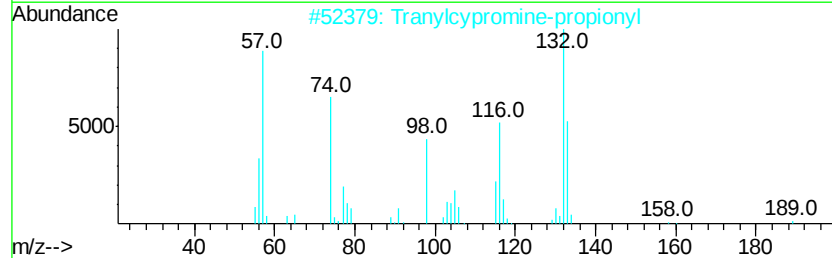
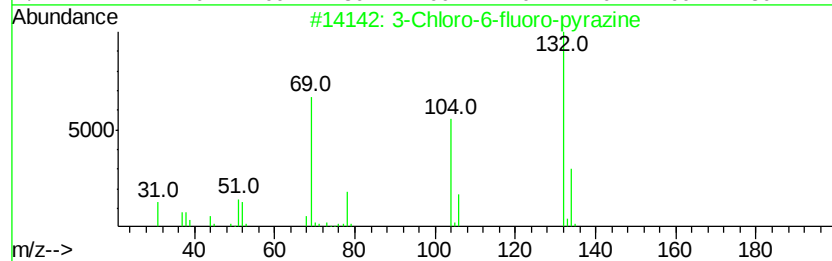
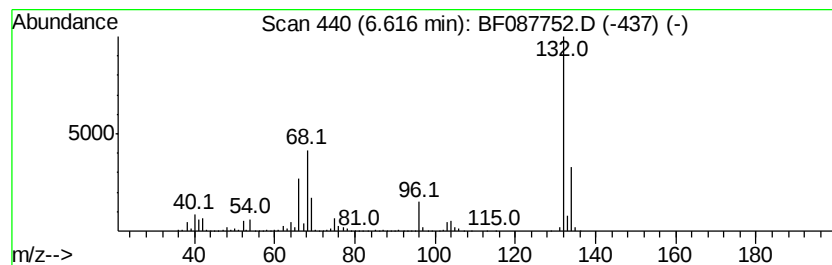
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown6.62 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	67.22 ng	2697450	1,4-Dichlorobenzene-d4	6.84

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine			132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl			189	C12H15NO	1000123-86-3	10
3	4-Methylpyrrolo[1,2-a]pyrazine			132	C8H8N2	064608-60-2	9
4	5-Fluoro-2-chloropyrimidine			132	C4H2ClFN2	062802-42-0	9
5	(E)-3-Chloro-2-methyl-2-pentenal			132	C6H9ClO	031357-76-3	9



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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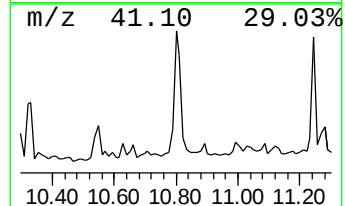
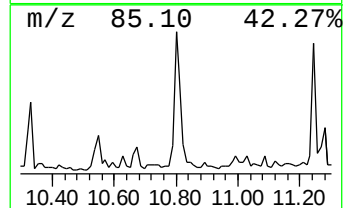
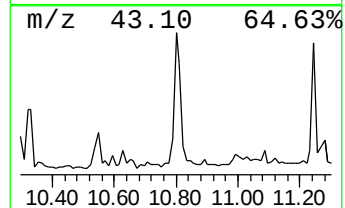
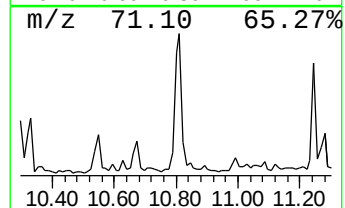
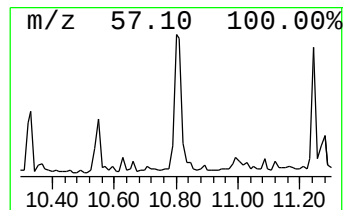
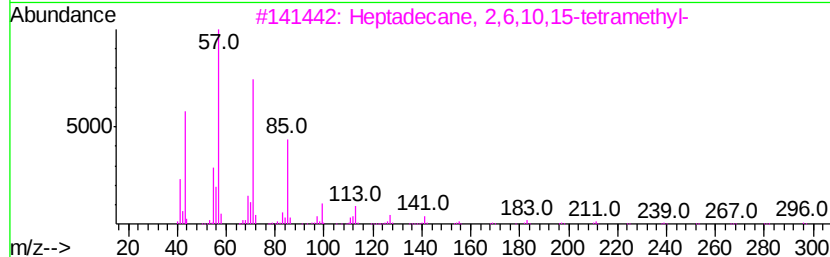
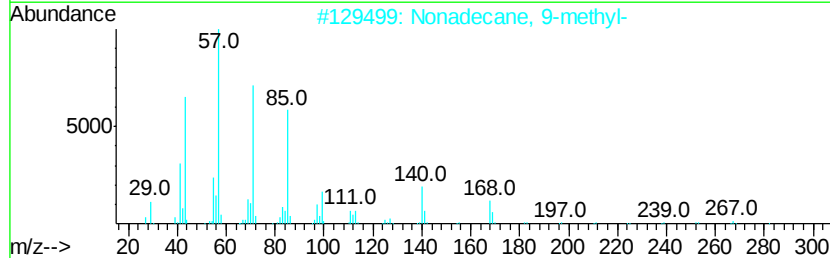
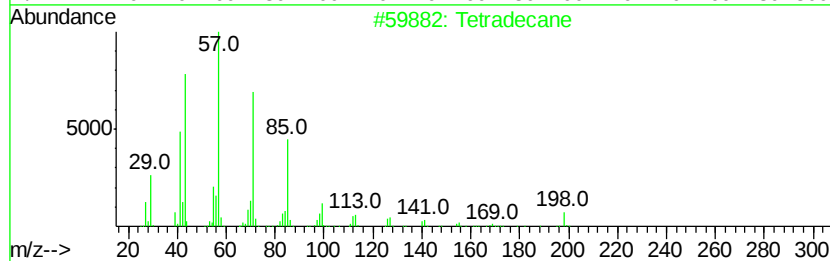
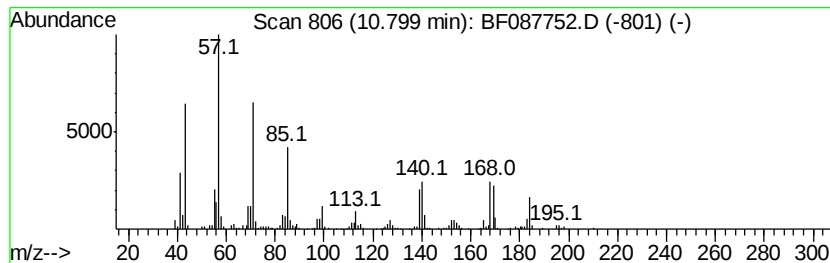
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.80	5.98 ng	509635	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	49
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	45
4	Tetracosane	338	C24H50	000646-31-1	45
5	Heptadecane	240	C17H36	000629-78-7	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
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Sample : H3267-16
Misc :
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STA-TA-1271(0-4)

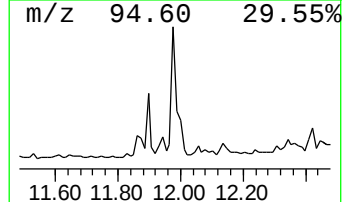
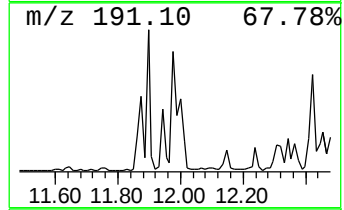
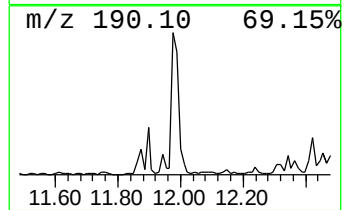
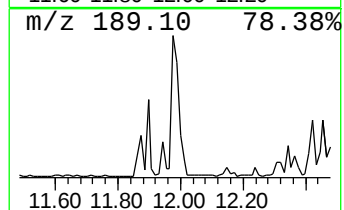
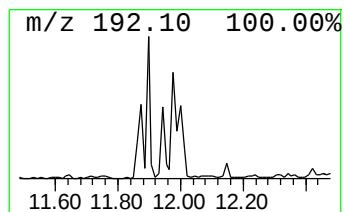
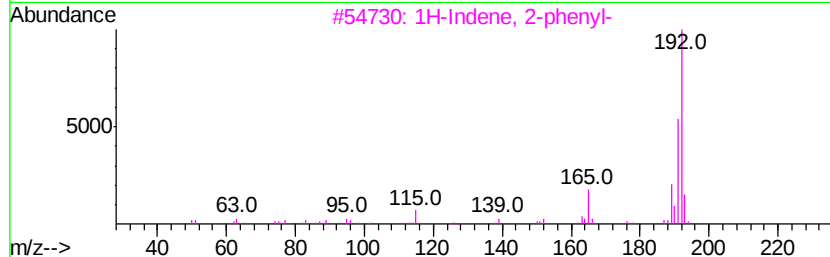
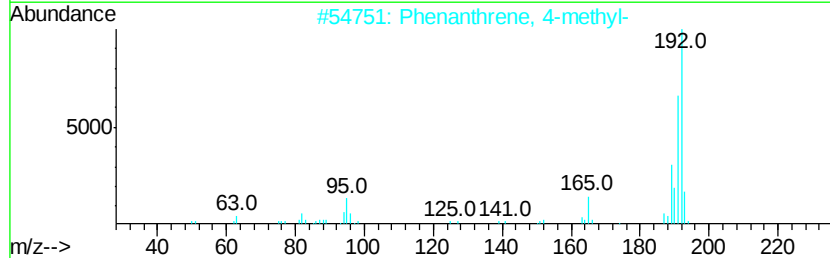
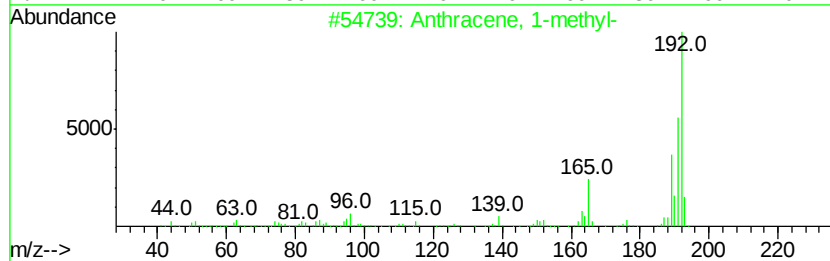
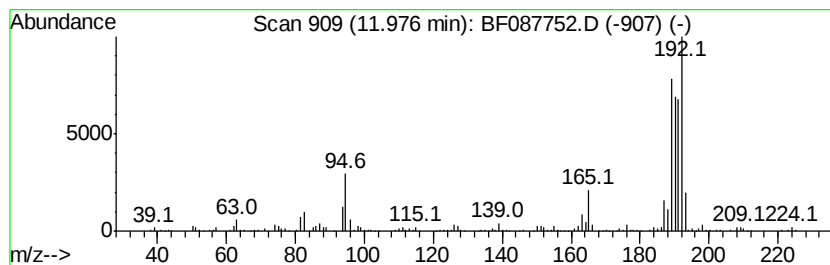
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	7.25 ng	618157	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	52
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	50
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	50
4		1H-Cyclopropa[1,1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	50
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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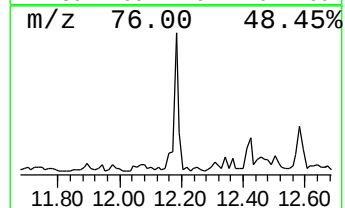
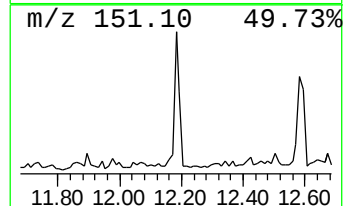
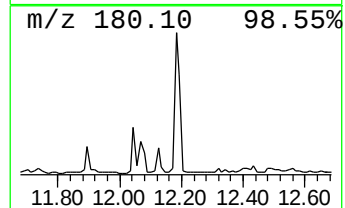
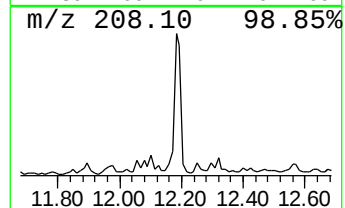
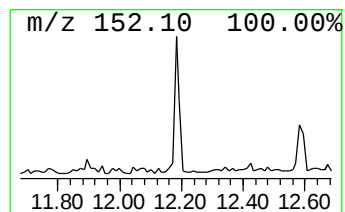
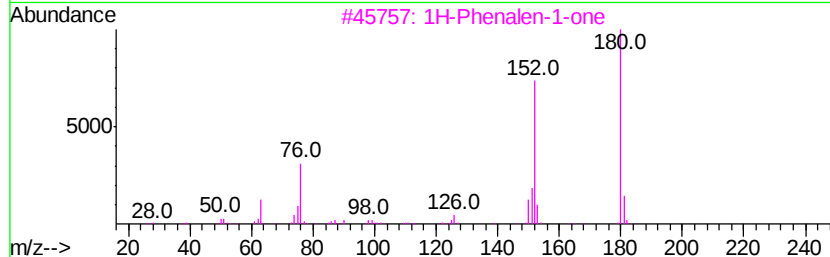
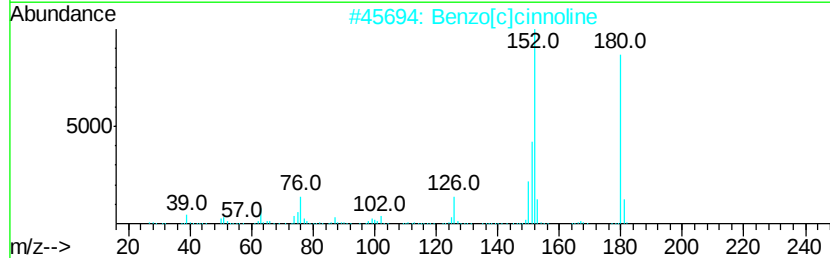
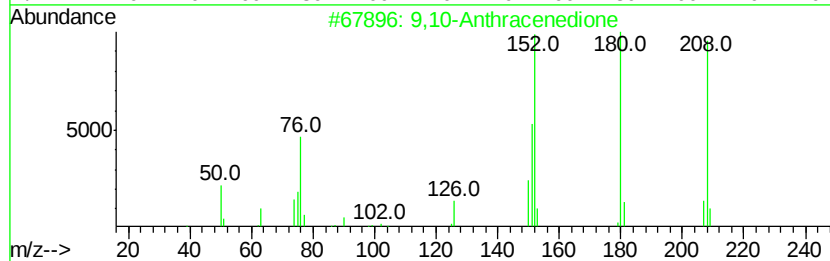
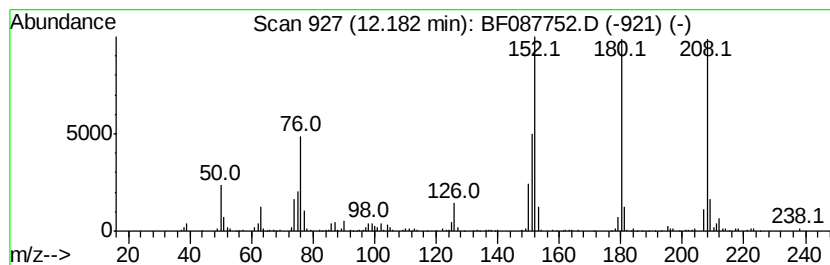
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	6.78 ng	578540	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		1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4		1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5		9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	47



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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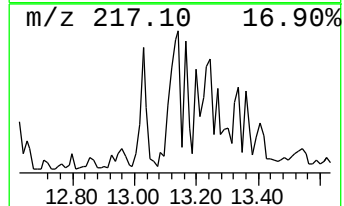
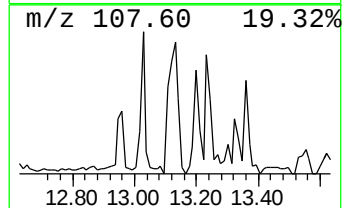
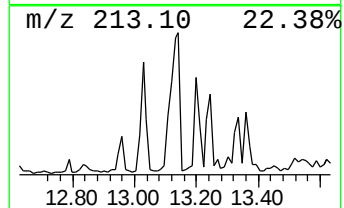
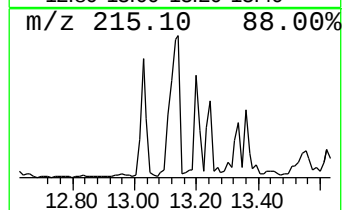
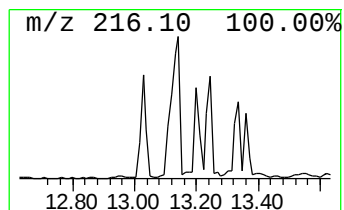
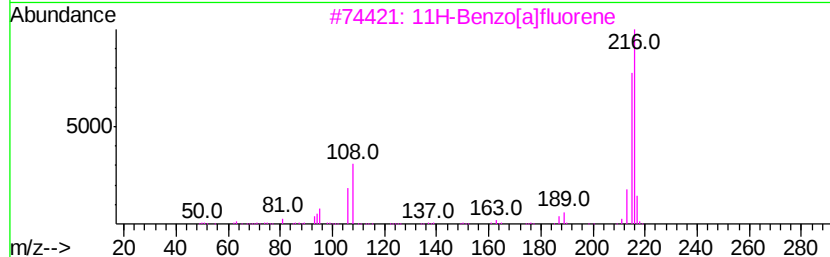
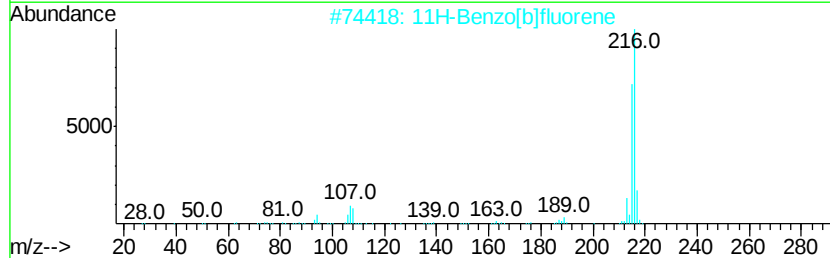
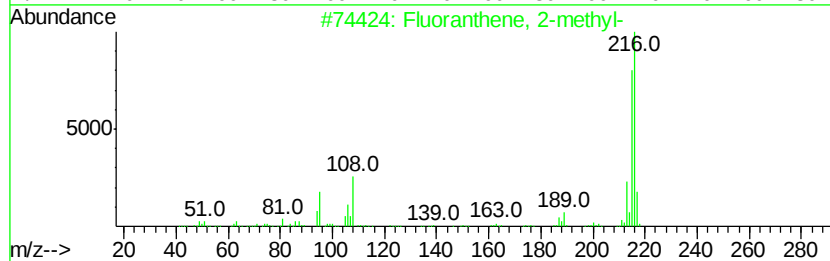
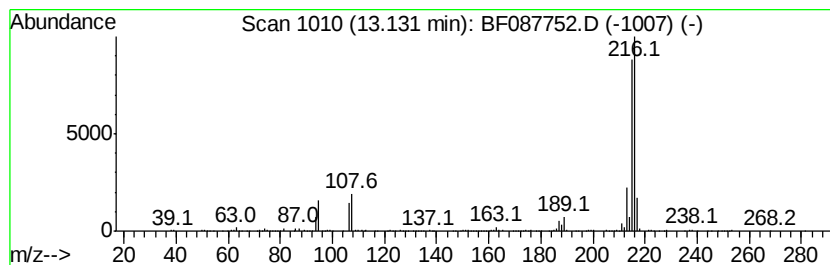
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.13	6.02 ng	1086540	Chrysene-d12	14.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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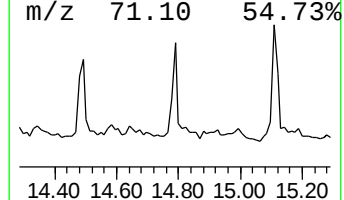
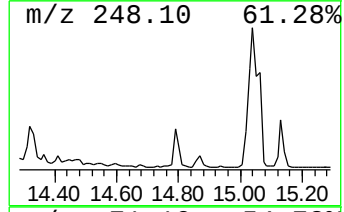
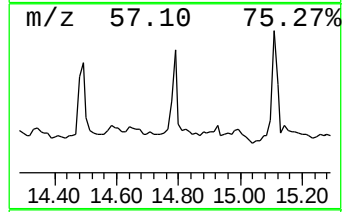
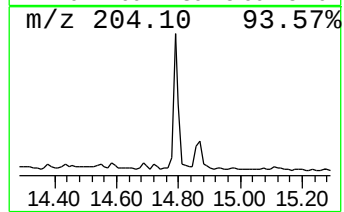
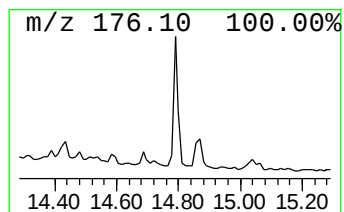
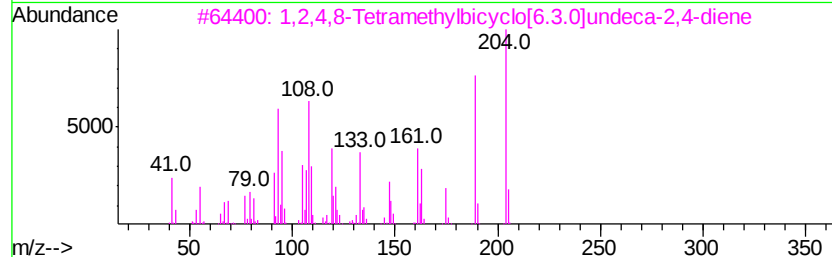
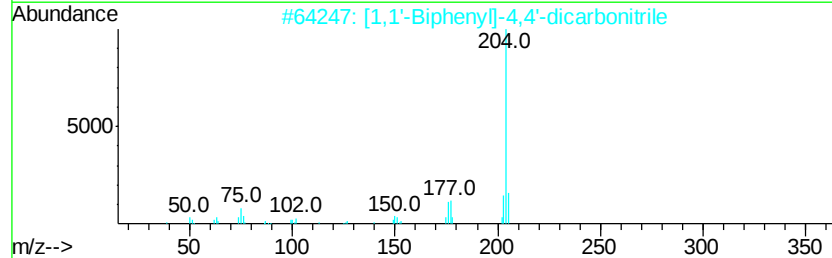
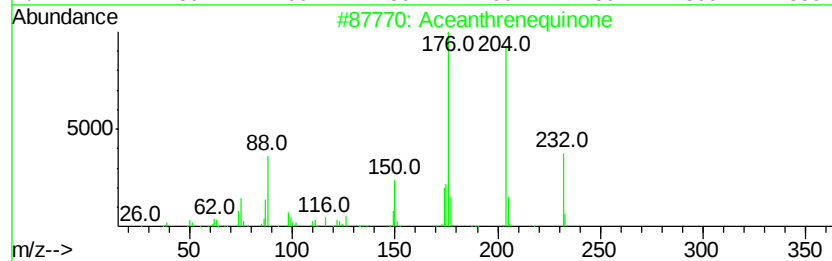
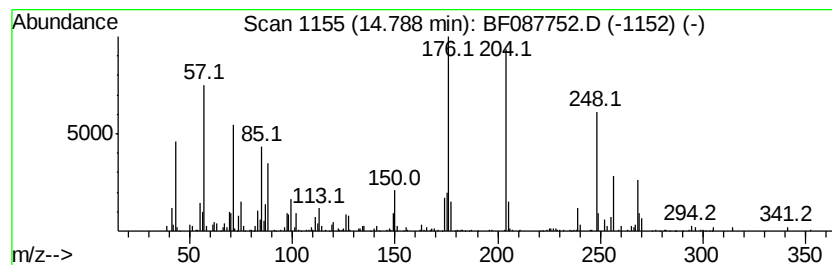
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Aceanthrenequinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	11.31 ng	379688	Perylene-d12	15.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Aceanthrenequinone	232 C16H8O2	006373-11-1 60
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204 C14H8N2	001591-30-6 35
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204 C15H24	137235-51-9 11
4		Naphthalene, 1-phenyl-	204 C16H12	000605-02-7 11
5		s-Triazolo[4,3-a]pyrazine, 3-eth...	176 C9H12N4	019848-81-8 11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
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ClientSampleId :
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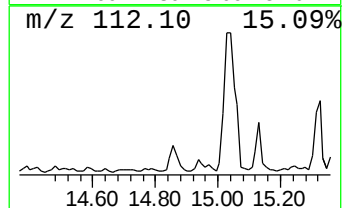
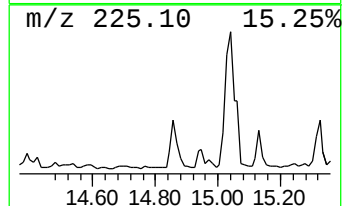
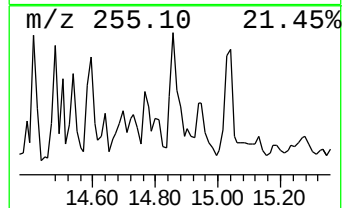
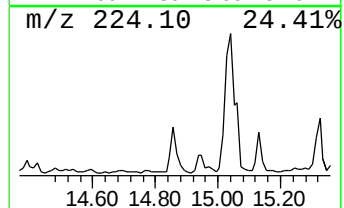
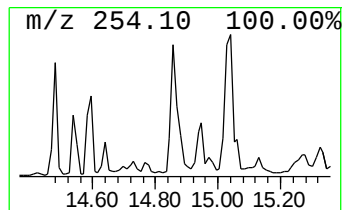
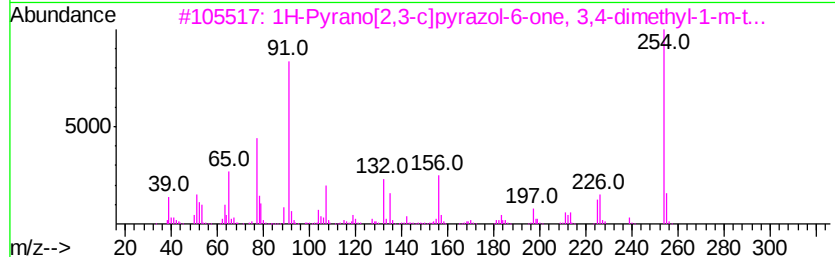
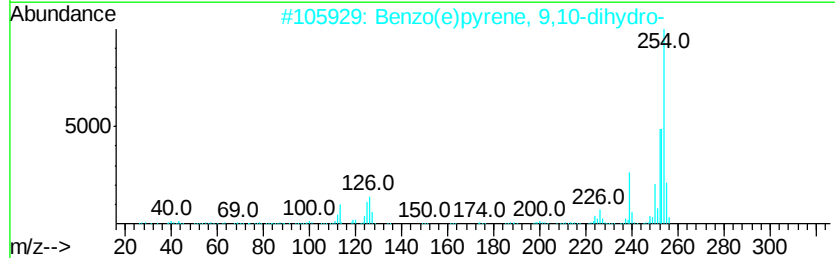
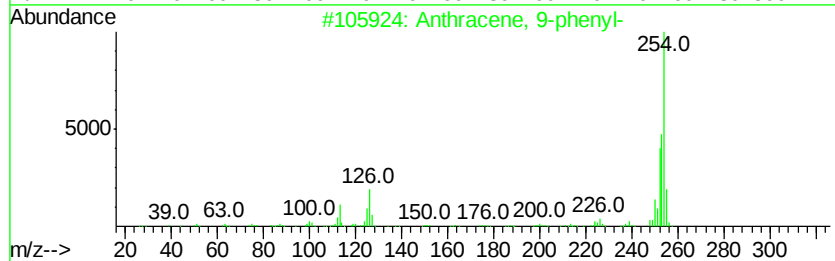
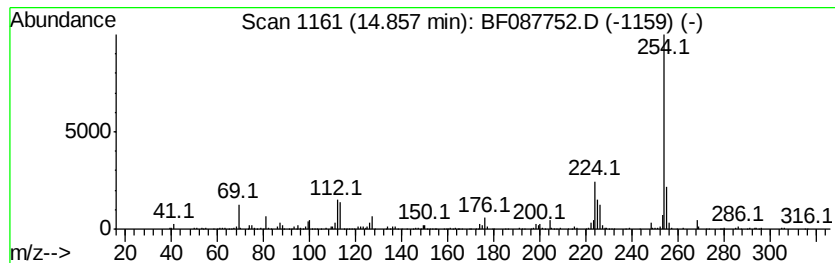
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Anthracene, 9-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	13.28 ng	445985	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	64
2		Benzo(e)pyrene, 9,10-dihydro-	254	C20H14	066788-01-0	59
3		1H-Pyrano[2,3-c]pyrazol-6-one, 3...	254	C15H14N2O2	1000316-21-1	53
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	53
5		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
STA-TA-1271(0-4)

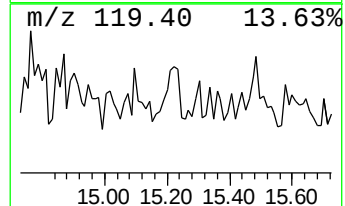
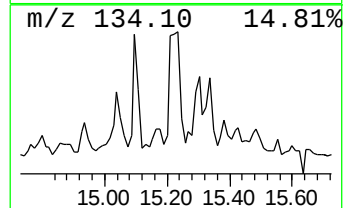
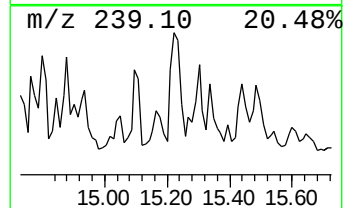
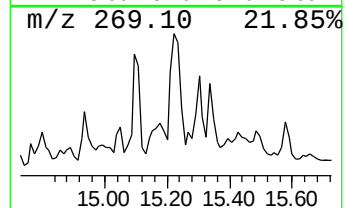
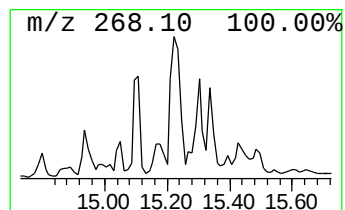
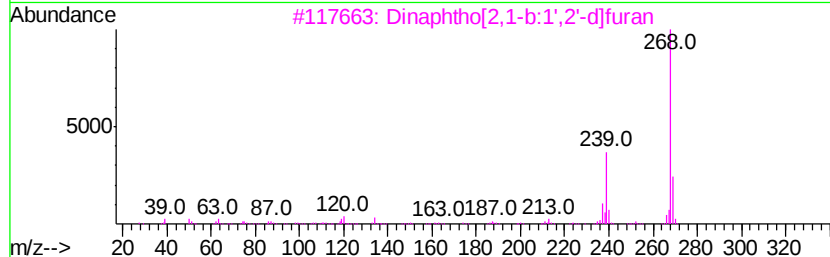
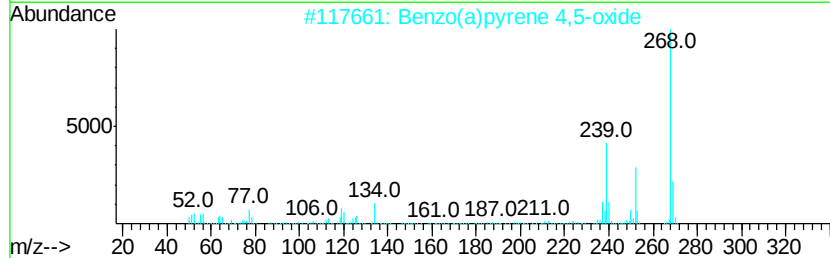
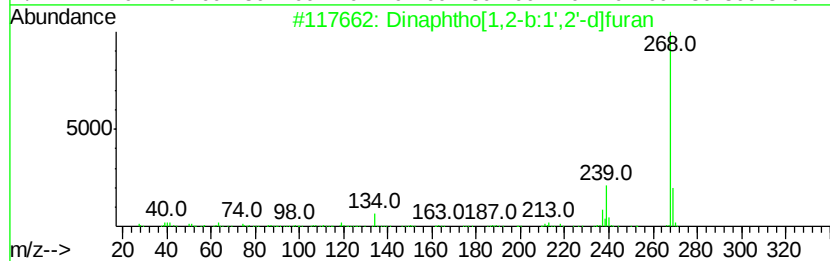
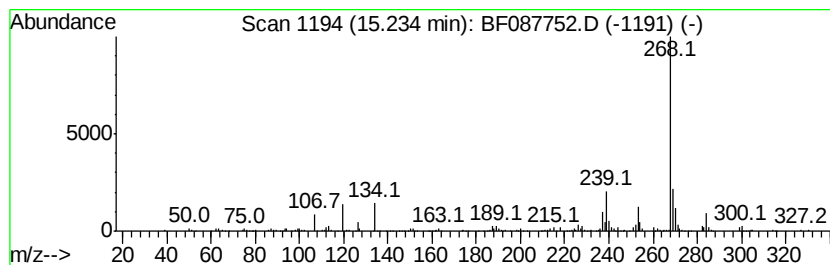
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	7.36 ng	247048	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	90
2		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	87
3		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	74
4		4H-Dibenz[a,k]anthracene, 5,6-d...	268	C21H16	007198-87-0	64
5		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1271(0-4)

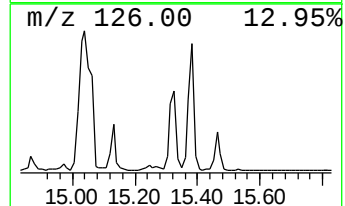
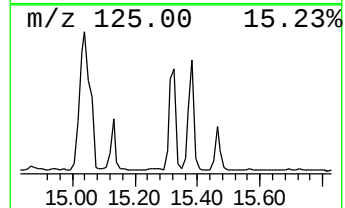
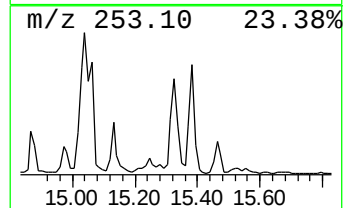
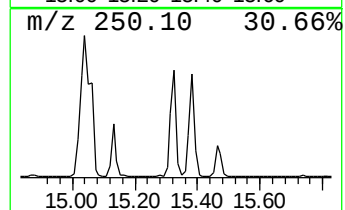
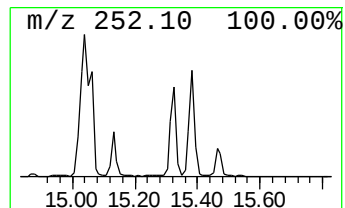
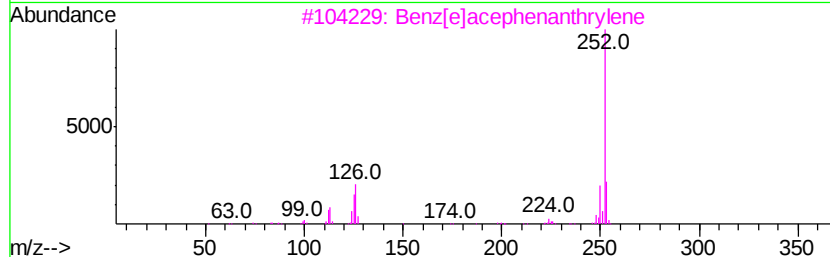
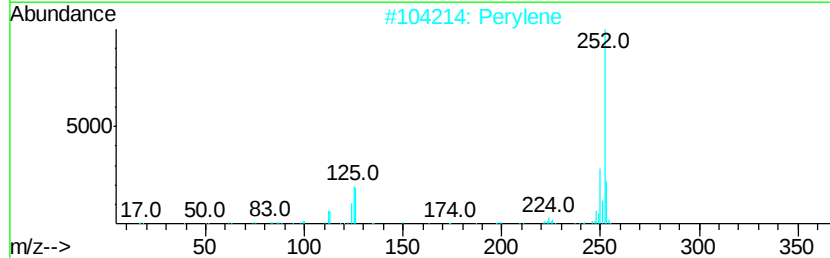
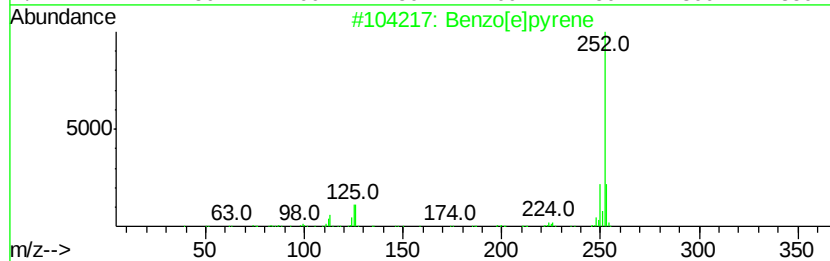
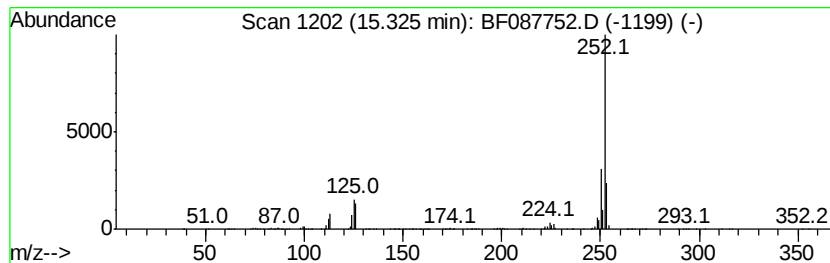
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	43.52 ng	1461320	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Perylene	252	C20H12	000198-55-0	95
3		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
4		Benzo[a]pyrene	252	C20H12	000050-32-8	93
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1271(0-4)

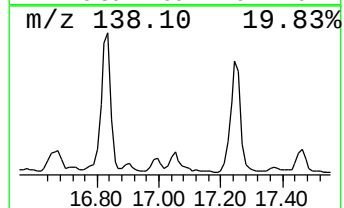
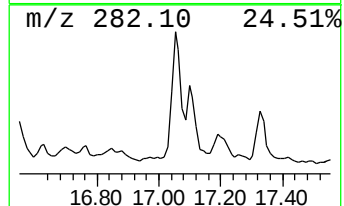
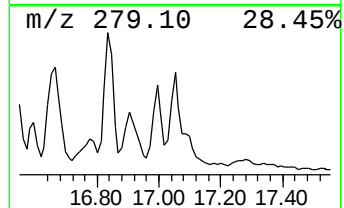
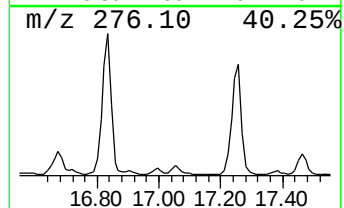
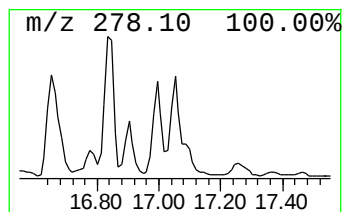
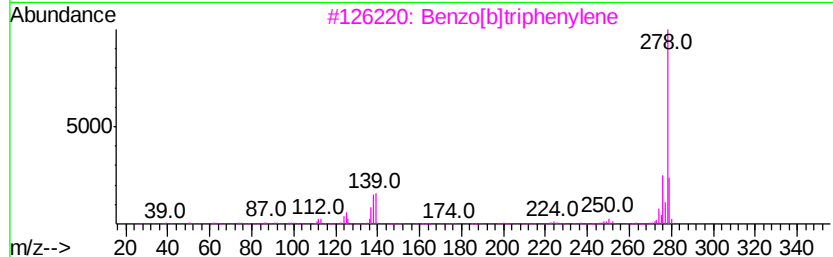
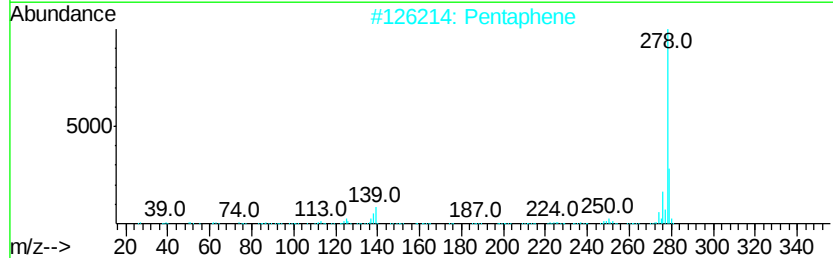
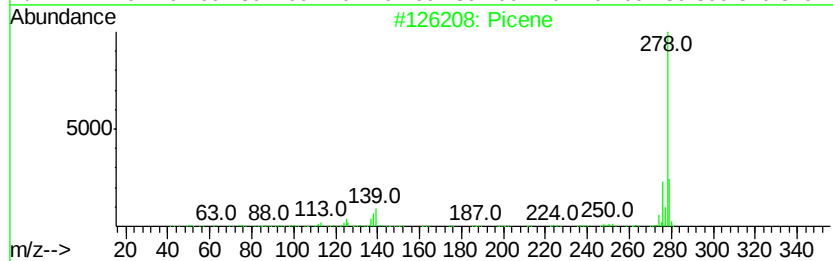
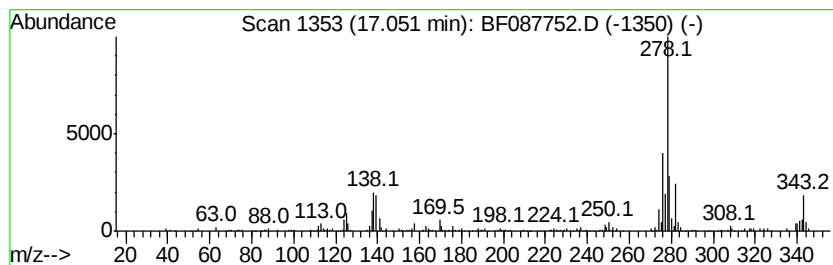
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Picene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	7.05 ng	236775	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Picene	278	C22H14	000213-46-7	91
2		Pentaphene	278	C22H14	000222-93-5	90
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	90
4		Benzo[b]chrysene	278	C22H14	000214-17-5	87
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
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Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1271(0-4)

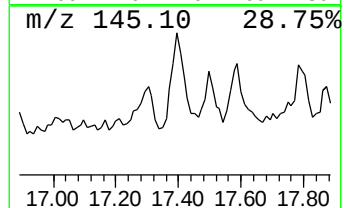
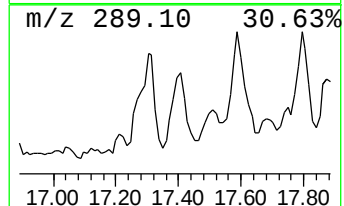
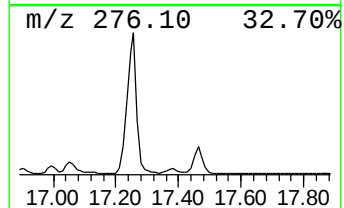
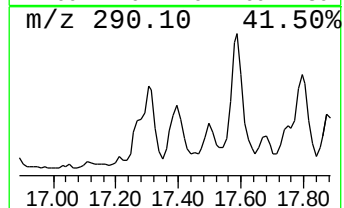
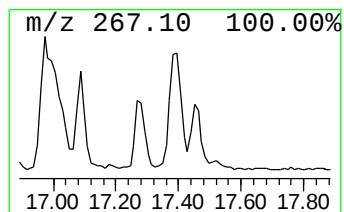
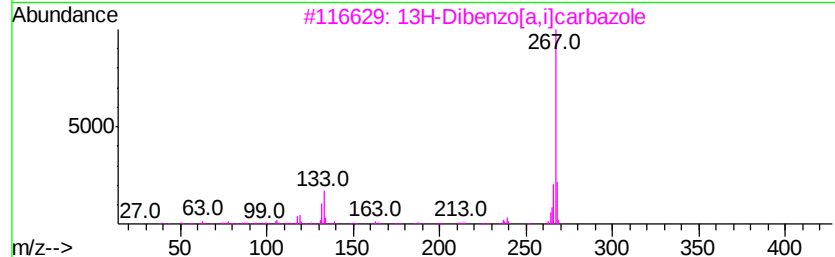
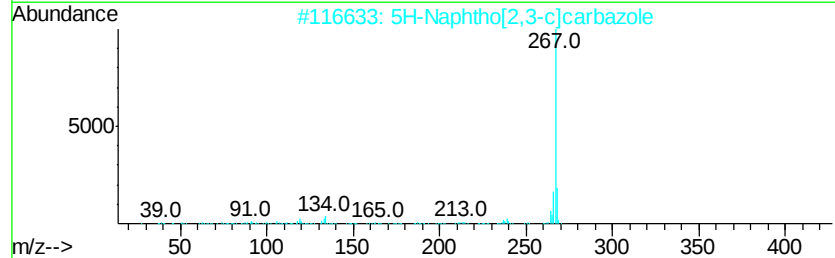
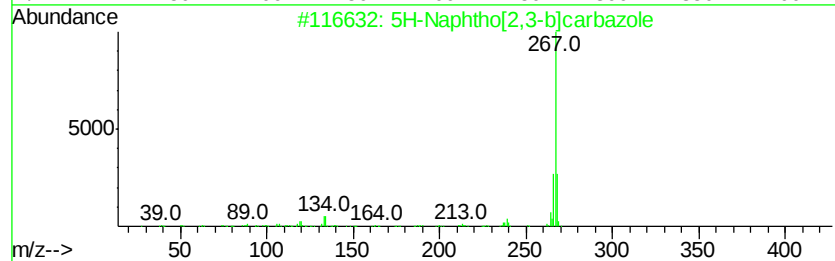
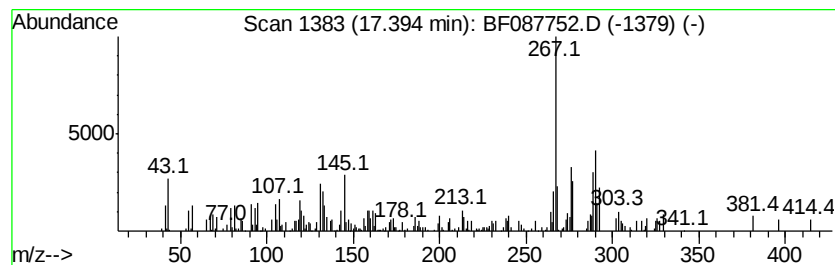
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown17.39 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.39	7.35 ng	246634	Perylene-d12	15.44

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Naphtho[2,3-b]	carbazole	267	C20H13N	000248-96-4	46	
2	5H-Naphtho[2,3-c]	carbazole	267	C20H13N	000198-96-9	46	
3	13H-Dibenzo[a,i]	carbazole	267	C20H13N	000239-64-5	41	
4	Benzo(a)pyren-6-	amine	267	C20H13N	007428-83-3	38	
5	2-Amino-4-hydroxy-6-phenethyl	pt...	267	C14H13N5O	004215-03-6	35	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
Data File : BF087752.D
Acq On : 6 Jun 2016 15:13
Operator : UM/SJ
Sample : H3267-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
STA-TA-1271(0-4)

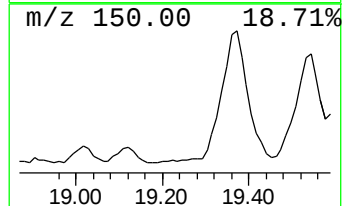
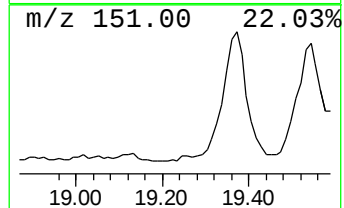
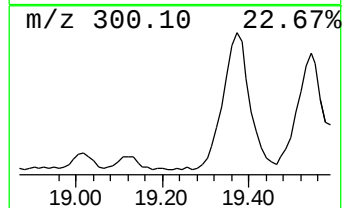
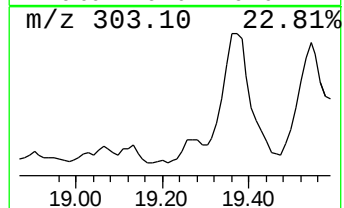
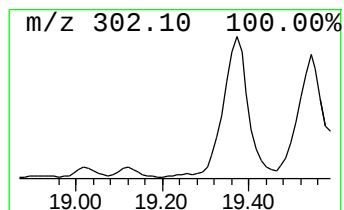
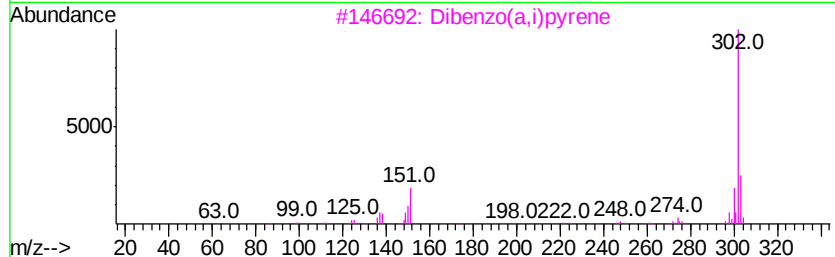
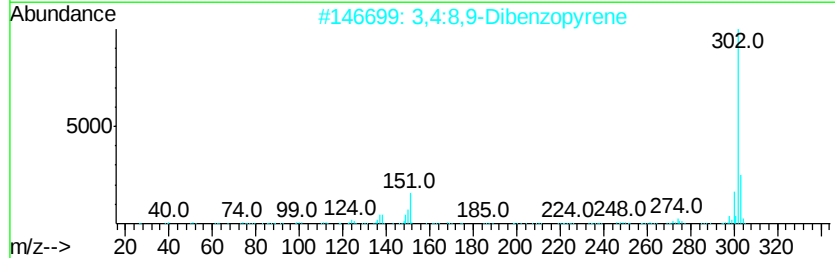
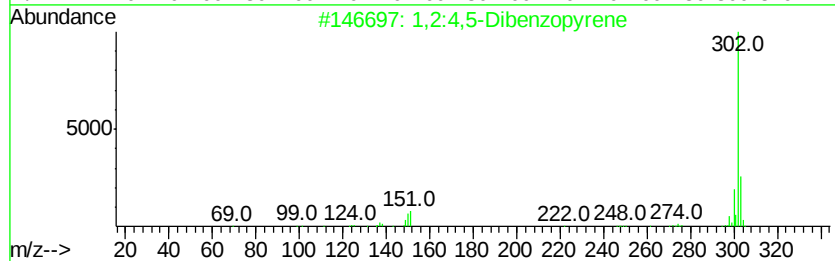
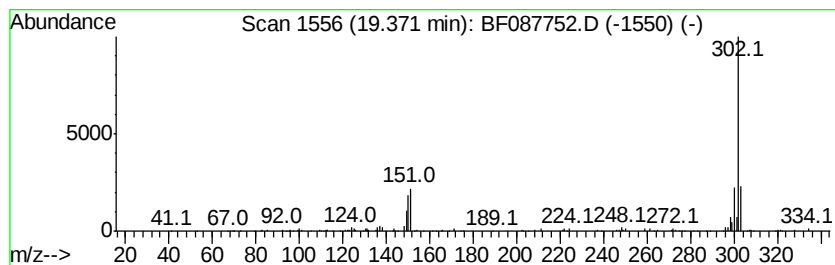
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	14.82 ng	497471	Perylene-d12	15.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	87
2		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	87
3		Dibenzo(a,i)pyrene	302	C24H14	000189-55-9	87
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	70
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF060616\
 Data File : BF087752.D
 Acq On : 6 Jun 2016 15:13
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 Sample : H3267-16
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 STA-TA-1271(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
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Propane, 1,1-dime...	2.11	6.5	ng	261092	1	6.84	802610	20.0
2-Pentanone, 4-hy...	5.04	15.1	ng	605328	1	6.84	802610	20.0
unknown6.62	6.62	67.2	ng	2697450	1	6.84	802610	20.0
Tetradecane	10.80	6.0	ng	509635	4	11.37	1705650	20.0
Anthracene, 1-met...	11.98	7.3	ng	618157	4	11.37	1705650	20.0
9,10-Anthracenedione	12.18	6.8	ng	578540	4	11.37	1705650	20.0
Fluoranthene, 2-m...	13.13	6.0	ng	1086540	5	14.01	3610410	20.0
Aceanthrenequinone	14.79	11.3	ng	379688	6	15.44	671558	20.0
Anthracene, 9-phe...	14.86	13.3	ng	445985	6	15.44	671558	20.0
Dinaphtho[1,2-b:1...	15.23	7.4	ng	247048	6	15.44	671558	20.0
Benzo[e]pyrene	15.33	43.5	ng	1461320	6	15.44	671558	20.0
Picene	17.05	7.0	ng	236775	6	15.44	671558	20.0
unknown17.39	17.39	7.3	ng	246634	6	15.44	671558	20.0
1,2:4,5-Dibenzopy...	19.37	14.8	ng	497471	6	15.44	671558	20.0