

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083473.D
 Acq On : 3 Dec 2015 21:50
 Operator : UM/IZ
 Sample : G4608-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

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-BF113015.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	4.636	256	258	272	rVB	652186	1155511	26.03%	1.636%
2	5.116	298	300	315	rBV	3845869	4267030	96.14%	6.041%
3	6.202	393	395	402	rBV	3728236	4239999	95.53%	6.003%
4	6.304	402	404	406	rBV	4500631	4438478	100.00%	6.284%
5	6.522	421	423	426	rBV	1046699	1155976	26.04%	1.637%
6	6.682	435	437	440	rBV	3326487	3117287	70.23%	4.413%
7	7.105	471	474	476	rBV	2877027	2950755	66.48%	4.178%
8	7.253	484	487	490	rBV	90351	141073	3.18%	0.200%
9	7.733	526	529	534	rBV2	39533	94420	2.13%	0.134%
10	7.813	534	536	546	rVB2	1466346	1771767	39.92%	2.508%
11	8.202	568	570	574	rBV	61599	96630	2.18%	0.137%
12	8.533	596	599	600	rBV	148087	171202	3.86%	0.242%
13	8.625	605	607	611	rVB	209077	182456	4.11%	0.258%
14	8.773	617	620	622	rBV	96314	114340	2.58%	0.162%
15	8.899	628	631	633	rBV	4710169	4424910	99.69%	6.265%
16	9.150	650	653	655	rBV	74052	105434	2.38%	0.149%
17	9.230	657	660	661	rBV	102340	163055	3.67%	0.231%
18	9.299	664	666	668	rBV	1039959	911533	20.54%	1.291%
19	9.345	668	670	673	rVB2	75686	123626	2.79%	0.175%
20	9.425	675	677	679	rVV	151897	179797	4.05%	0.255%
21	9.516	683	685	687	rBV2	168997	203797	4.59%	0.289%
22	9.562	687	689	690	rVV	1734625	1628195	36.68%	2.305%
23	9.585	690	691	694	rVB	151364	225095	5.07%	0.319%
24	9.768	704	707	709	rBV	167655	259339	5.84%	0.367%
25	9.802	709	710	712	rVV	93576	88773	2.00%	0.126%
26	9.882	715	717	718	rBV2	54701	82346	1.86%	0.117%
27	9.985	722	726	727	rBV2	99995	143441	3.23%	0.203%
28	10.019	727	729	730	rVB	143004	171690	3.87%	0.243%
29	10.099	734	736	739	rVV	310429	325278	7.33%	0.461%
30	10.168	740	742	745	rVV2	59161	114935	2.59%	0.163%
31	10.236	745	748	749	rVV2	93232	164894	3.72%	0.233%
32	10.259	749	750	753	rVB2	99909	121707	2.74%	0.172%
33	10.351	755	758	760	rVV	2200309	2444308	55.07%	3.461%
34	10.488	768	770	774	rVB	191892	314803	7.09%	0.446%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	10.591	777	779	781	rBV3	64480	96949	2.18%	0.137%
36	10.659	781	785	787	rBV3	73901	182179	4.10%	0.258%
37	10.693	787	788	790	rVV2	92110	100225	2.26%	0.142%
38	10.751	790	793	795	rVV3	44662	115434	2.60%	0.163%
39	10.831	799	800	803	rVB3	81015	94229	2.12%	0.133%
40	10.876	803	804	807	rVB	115186	135648	3.06%	0.192%
41	10.933	807	809	811	rBV2	72900	120110	2.71%	0.170%
42	10.979	811	813	815	rBV	219019	257446	5.80%	0.364%
43	11.093	820	823	824	rBV	1380840	1477160	33.28%	2.091%
44	11.128	824	826	828	rVV	1935815	2426833	54.68%	3.436%
45	11.185	828	831	833	rVV	427624	624588	14.07%	0.884%
46	11.379	846	848	849	rBV	130457	150147	3.38%	0.213%
47	11.494	856	858	862	rVB3	112952	171307	3.86%	0.243%
48	11.585	864	866	870	rVB3	49453	77155	1.74%	0.109%
49	11.699	873	876	877	rBV	370826	444956	10.02%	0.630%
50	11.734	877	879	882	rVB	435836	486806	10.97%	0.689%
51	11.791	882	884	886	rBV	559512	838111	18.88%	1.187%
52	11.836	886	888	889	rVV	441598	622376	14.02%	0.881%
53	11.859	889	890	893	rVB	246486	287599	6.48%	0.407%
54	12.076	907	909	911	rBV2	182470	249359	5.62%	0.353%
55	12.111	911	912	916	rVB2	154561	181695	4.09%	0.257%
56	12.351	931	933	935	rVB	74511	91987	2.07%	0.130%
57	12.419	936	939	941	rBV2	175377	314083	7.08%	0.445%
58	12.465	941	943	947	rVV3	102751	230176	5.19%	0.326%
59	12.522	947	948	952	rVB3	117691	253425	5.71%	0.359%
60	12.625	954	957	960	rBV	2163999	2591365	58.38%	3.669%
61	12.705	962	964	966	rBV3	85493	161480	3.64%	0.229%
62	12.751	966	968	972	rVB	122206	208354	4.69%	0.295%
63	12.819	972	974	976	rBV	122497	169033	3.81%	0.239%
64	12.865	976	978	980	rBV	300032	377350	8.50%	0.534%
65	12.934	980	984	986	rVV	1987857	2709010	61.03%	3.835%
66	13.014	988	991	992	rVB2	72526	111263	2.51%	0.158%
67	13.117	995	1000	1002	rBV2	120452	196756	4.43%	0.279%
68	13.185	1002	1006	1008	rBV	2022536	3091397	69.65%	4.377%
69	13.265	1008	1013	1015	rBV3	134720	256910	5.79%	0.364%
70	13.414	1021	1026	1029	rBV2	291052	614098	13.84%	0.869%
71	13.505	1032	1034	1037	rBV	128409	197887	4.46%	0.280%

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72	13.562	1037	1039	1045	rVV2	236130	473283	10.66%	0.670%
73	13.688	1048	1050	1052	rVB	134575	158524	3.57%	0.224%
74	13.734	1052	1054	1056	rBV	124278	176359	3.97%	0.250%
75	13.905	1067	1069	1073	rBV2	83093	154105	3.47%	0.218%
76	13.985	1073	1076	1078	rBV	148796	252125	5.68%	0.357%
77	14.122	1086	1088	1090	rBV2	64688	156339	3.52%	0.221%
78	14.168	1090	1092	1096	rVB2	176835	338811	7.63%	0.480%
79	14.328	1103	1106	1108	rBV	155990	299637	6.75%	0.424%
80	14.374	1108	1110	1113	rVV2	132056	340431	7.67%	0.482%
81	14.431	1113	1115	1117	rVV2	117379	213948	4.82%	0.303%
82	14.477	1117	1119	1123	rVB2	189606	359013	8.09%	0.508%
83	14.625	1129	1132	1134	rBV2	177999	382019	8.61%	0.541%
84	14.705	1134	1139	1141	rVV2	1205020	2641792	59.52%	3.740%
85	14.751	1141	1143	1145	rVV	851354	1139011	25.66%	1.613%
86	14.831	1145	1150	1151	rVV4	65201	170073	3.83%	0.241%
87	14.865	1151	1153	1157	rVB2	95071	136788	3.08%	0.194%
88	15.025	1165	1167	1169	rVB2	119596	180705	4.07%	0.256%
89	15.082	1169	1172	1175	rBV	115109	246301	5.55%	0.349%
90	15.140	1175	1177	1181	rVB2	111862	208630	4.70%	0.295%
91	15.322	1190	1193	1196	rBV	155208	290865	6.55%	0.412%
92	16.191	1267	1269	1272	rVB2	156369	211562	4.77%	0.300%
93	16.271	1272	1276	1278	rBV	728710	1594929	35.93%	2.258%
94	16.397	1285	1287	1290	rVB	136129	200538	4.52%	0.284%
95	16.625	1305	1307	1310	rBV	359915	573745	12.93%	0.812%
96	16.705	1311	1314	1317	rVB	626795	858880	19.35%	1.216%
97	16.774	1318	1320	1322	rBV	544840	874057	19.69%	1.237%
98	18.157	1438	1441	1446	rVB2	293106	580033	13.07%	0.821%
99	18.363	1457	1459	1464	rVB4	74590	161124	3.63%	0.228%
100	18.523	1470	1473	1478	rBV	233382	448830	10.11%	0.635%

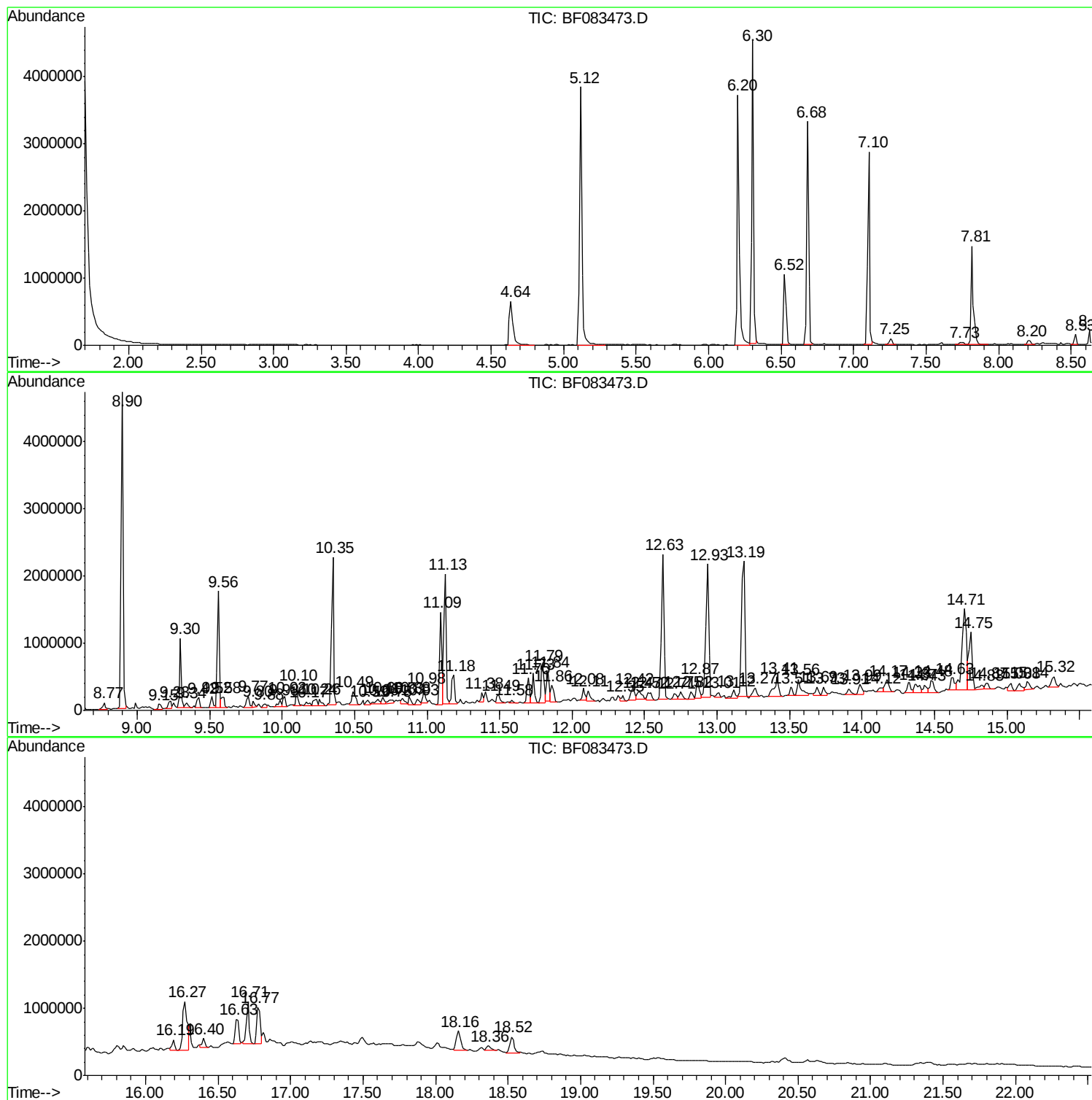
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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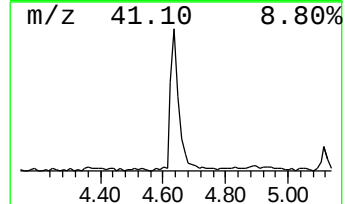
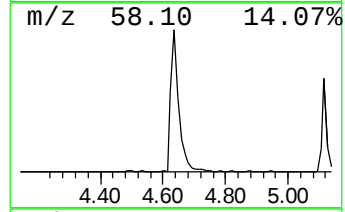
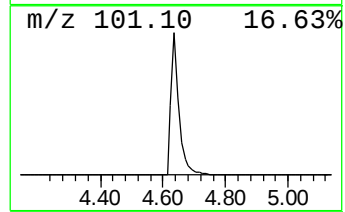
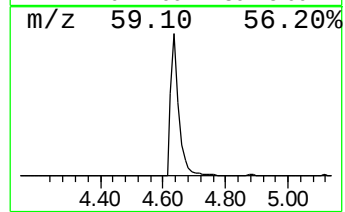
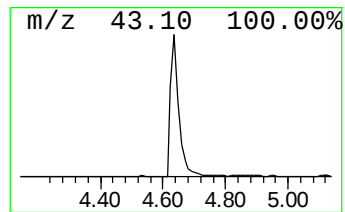
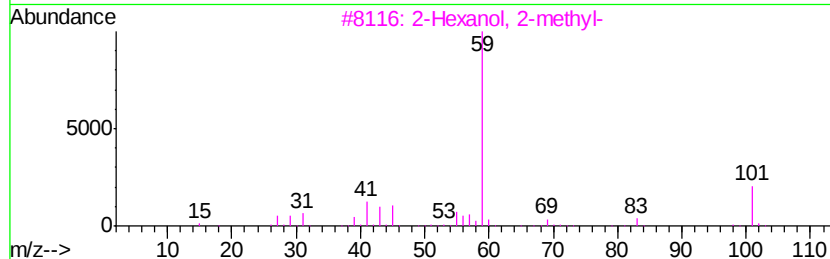
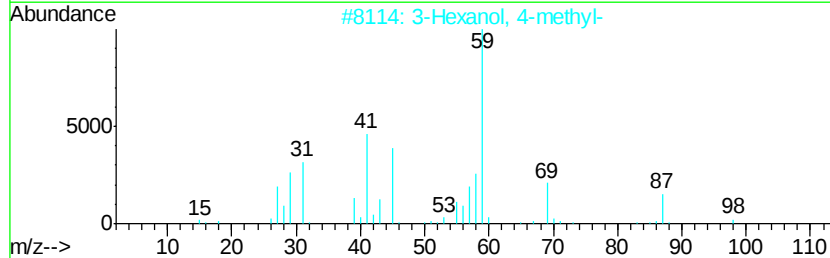
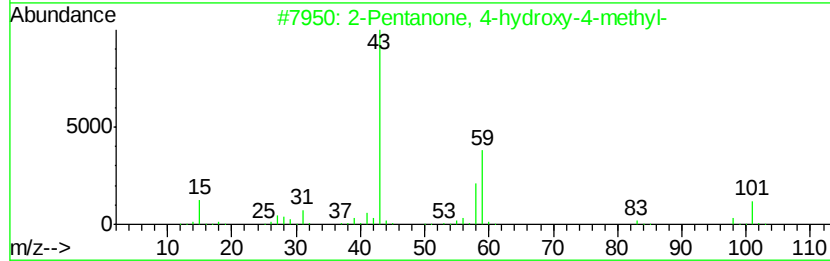
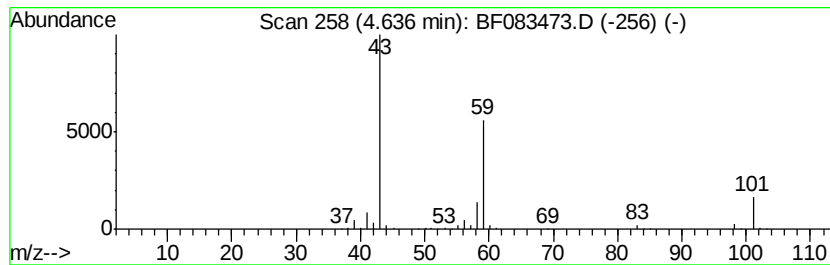
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown4.64 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.64	19.99 ng	1155510	1,4-Dichlorobenzene-d4	6.52

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-			116	C6H12O2	000123-42-2	42
2	3-Hexanol, 4-methyl-			116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-			116	C7H16O	000625-23-0	28
4	2,3-Butanedione, monooxime			101	C4H7NO2	000057-71-6	9
5	Propane, 2-methyl-2-(1-methyleth...			116	C7H16O	017348-59-3	9



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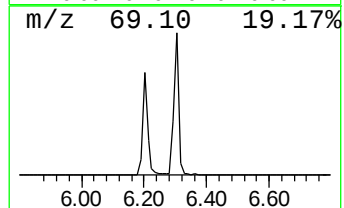
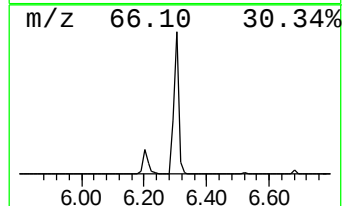
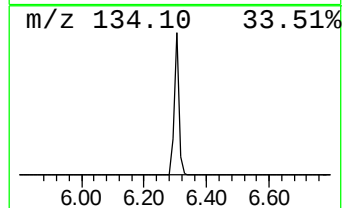
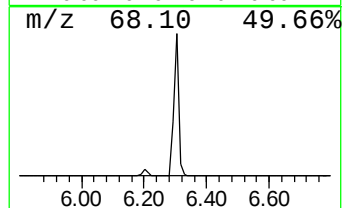
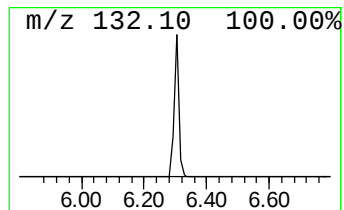
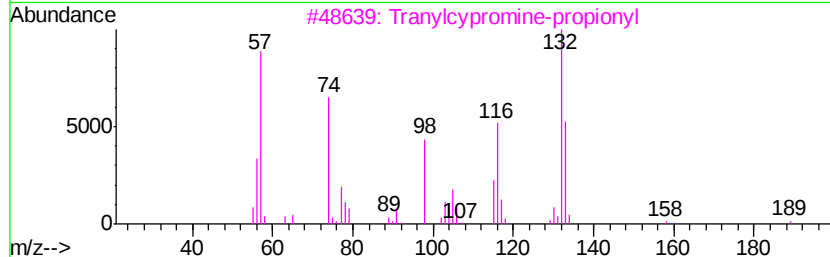
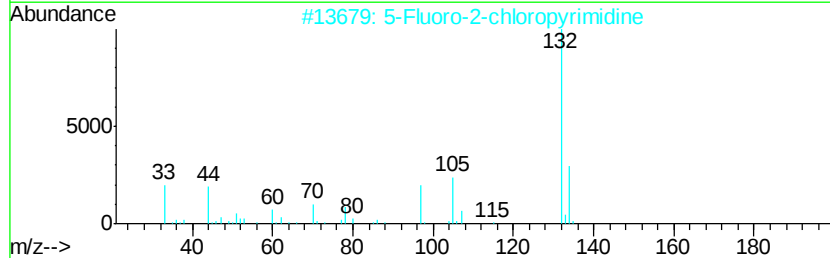
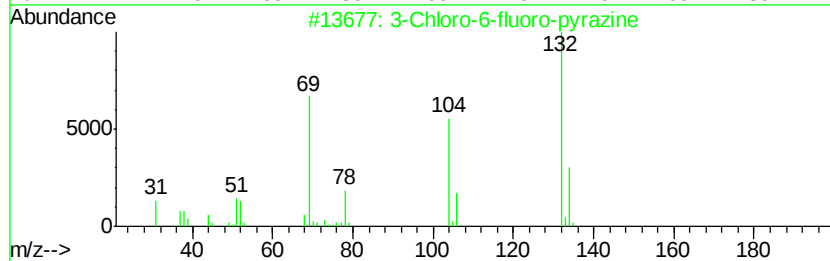
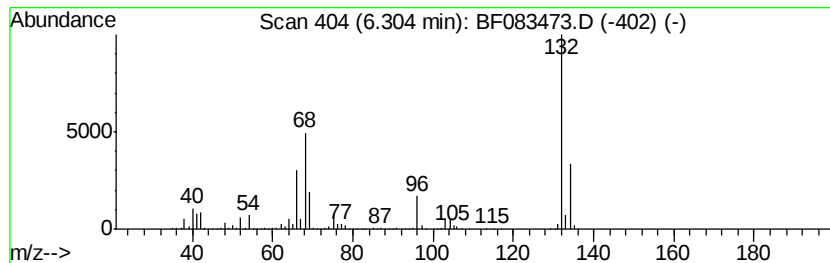
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.30 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	76.79 ng	4438480	1,4-Dichlorobenzene-d4	6.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
5		Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9



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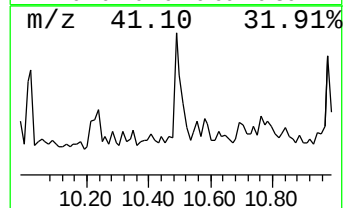
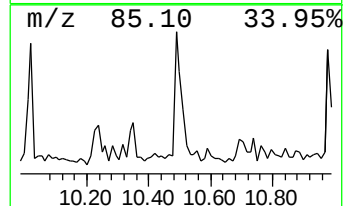
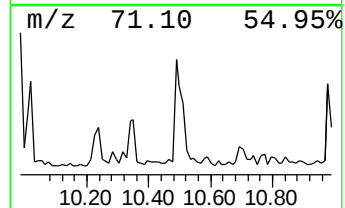
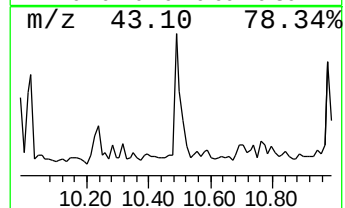
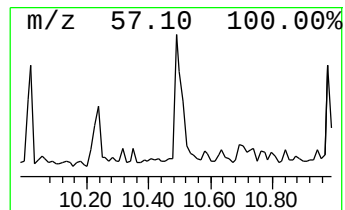
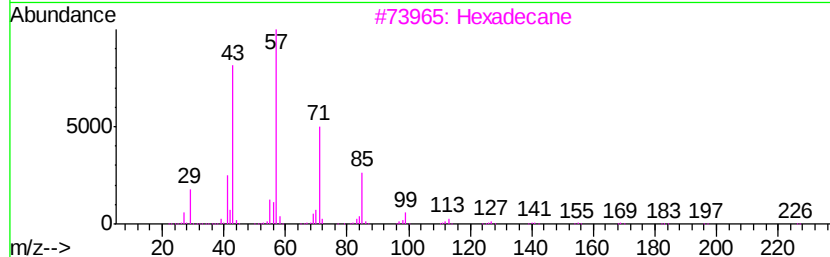
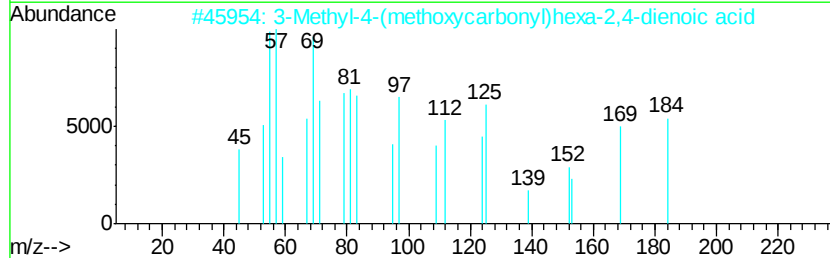
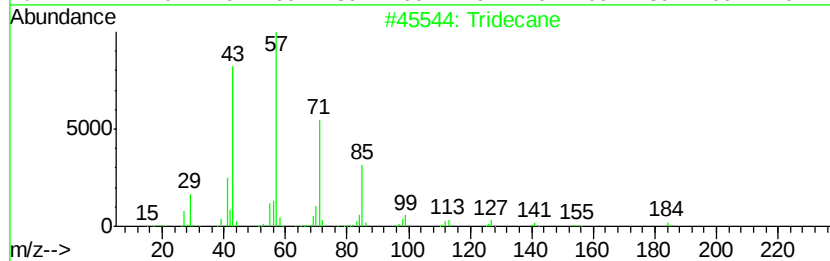
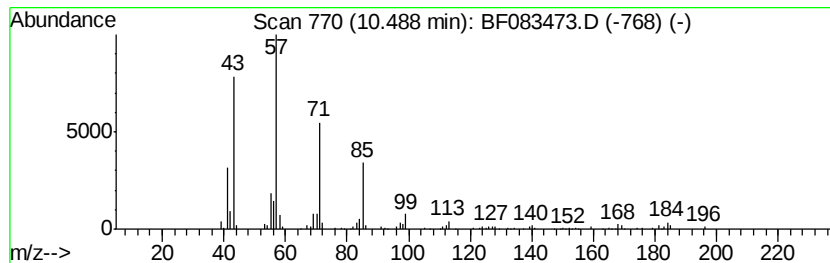
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.49	4.26 ng	314803	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tetradecane	198	C14H30	000629-59-4	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Operator : UM/IZ
Sample : G4608-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

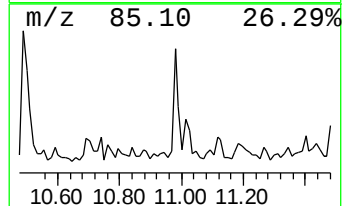
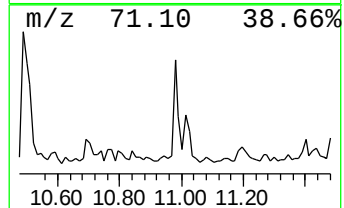
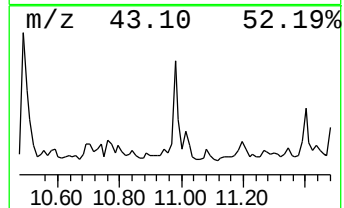
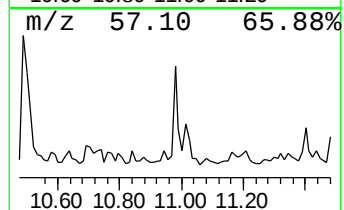
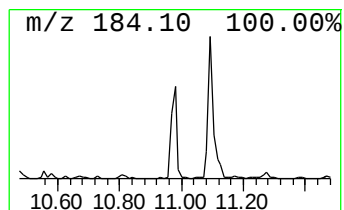
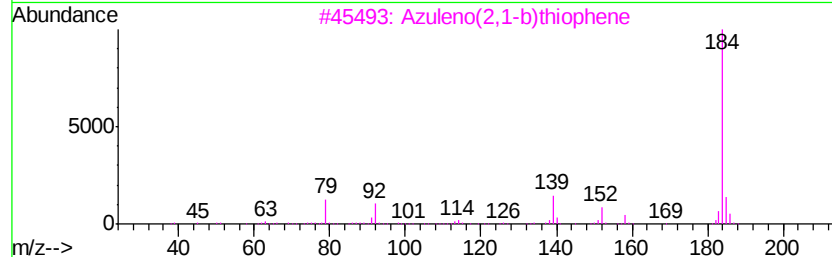
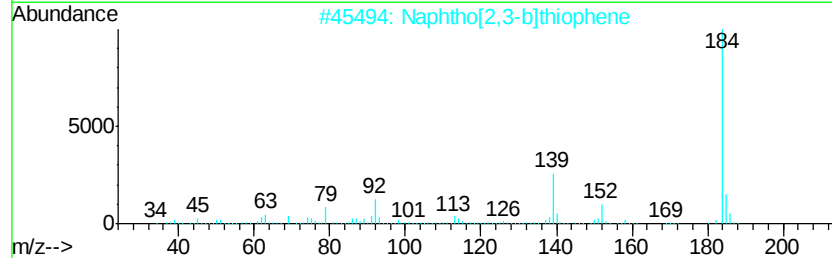
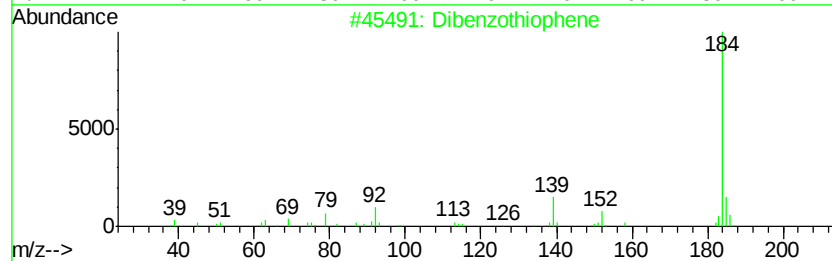
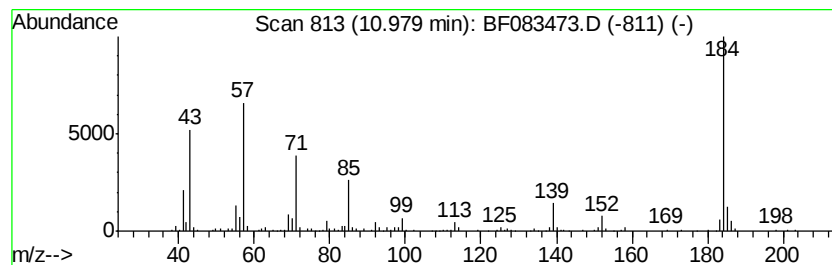
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dibenzothiophene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.98	3.49 ng	257446	Phenanthrene-d10		11.09	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	64
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	60
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	58
4		2,5-Cyclohexadiene-1,4-dione, 2,...	184	C8H8O5	000085-23-4	47
5		1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	47



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
Sample : G4608-02
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Instrument :
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ClientSampleId :
CWC-MISC-4-20151130

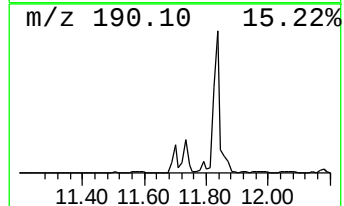
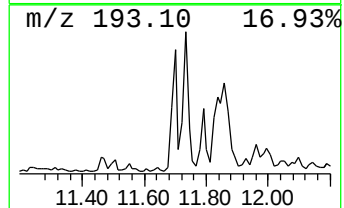
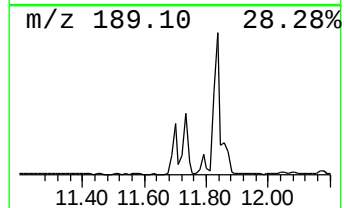
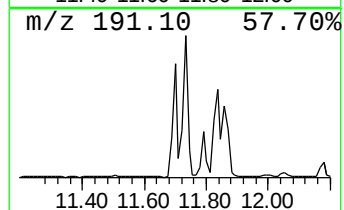
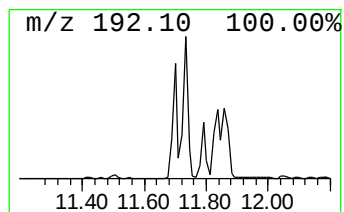
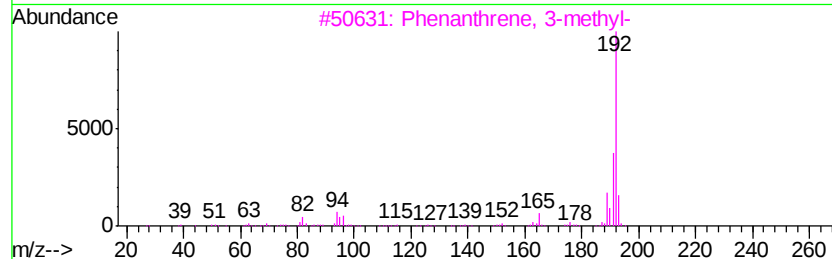
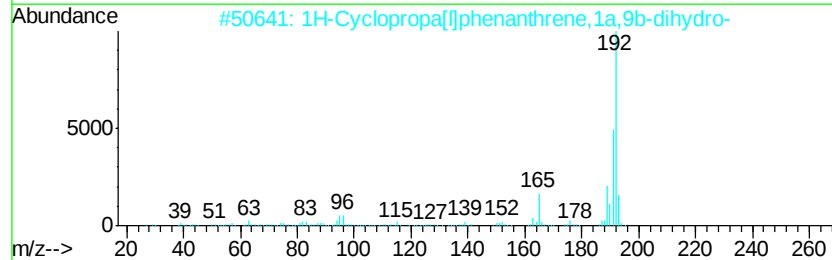
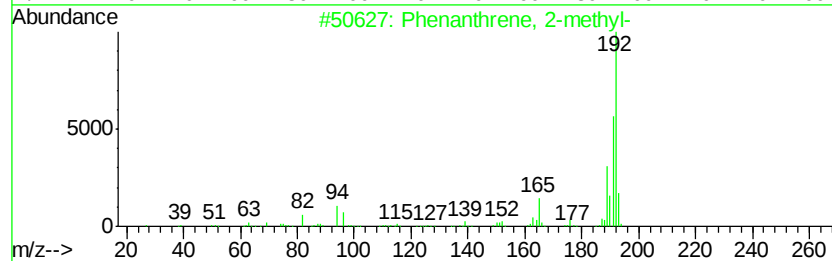
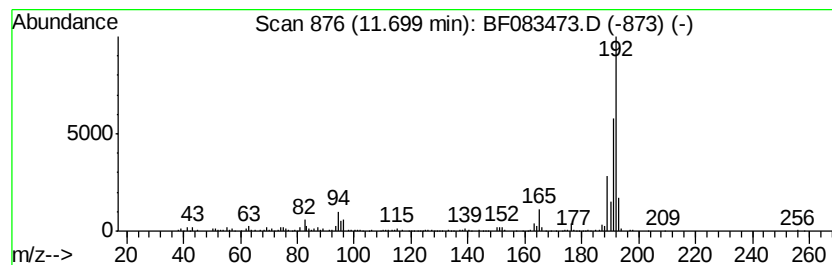
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	6.02 ng	444956	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
Sample : G4608-02
Misc :
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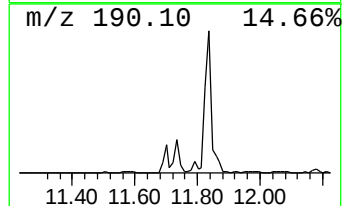
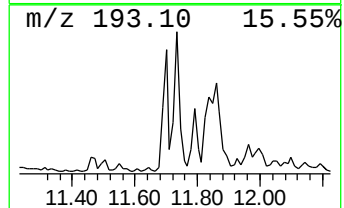
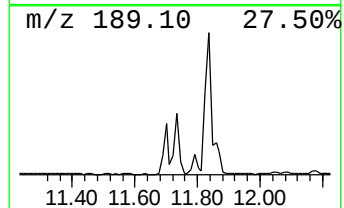
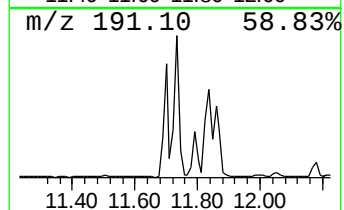
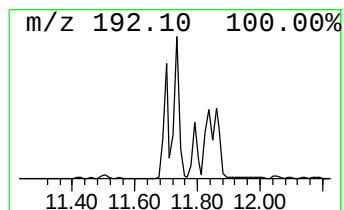
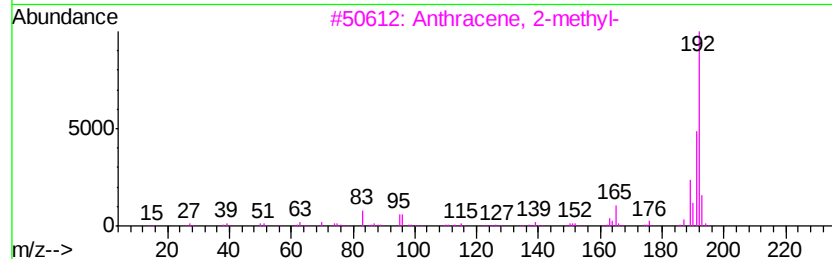
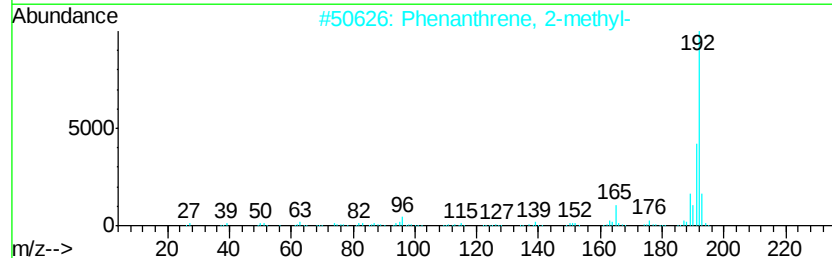
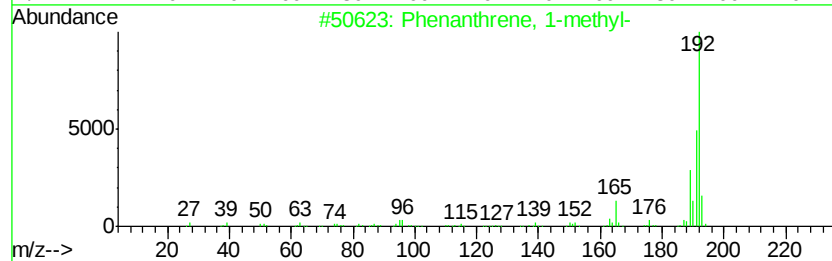
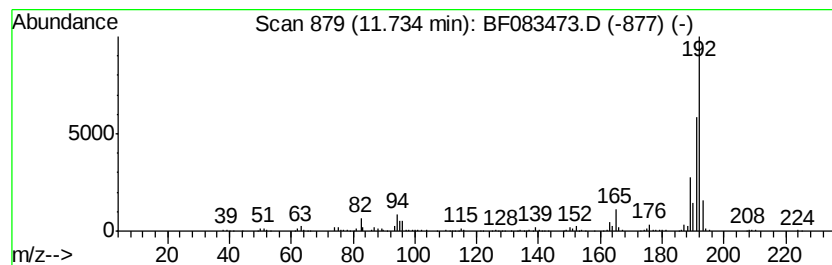
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.73	6.59 ng	486806	Phenanthrene-d10	11.09	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5	1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083473.D
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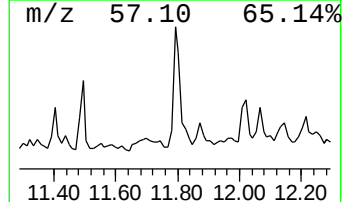
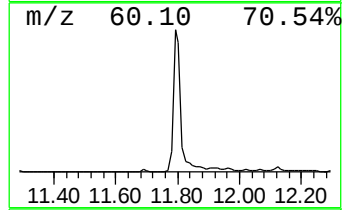
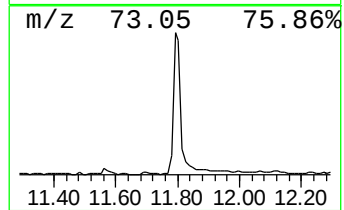
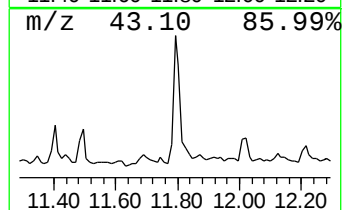
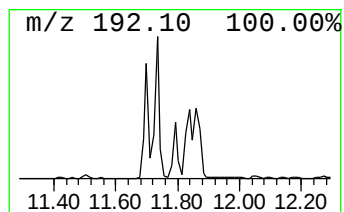
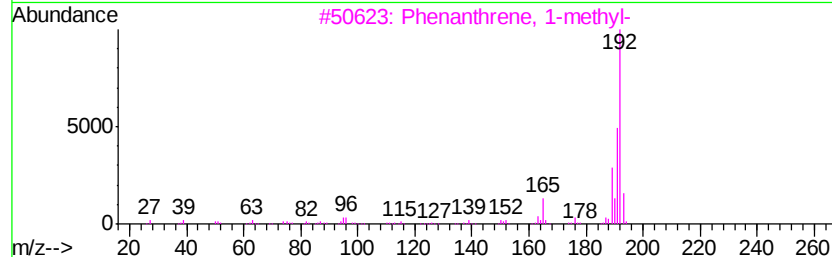
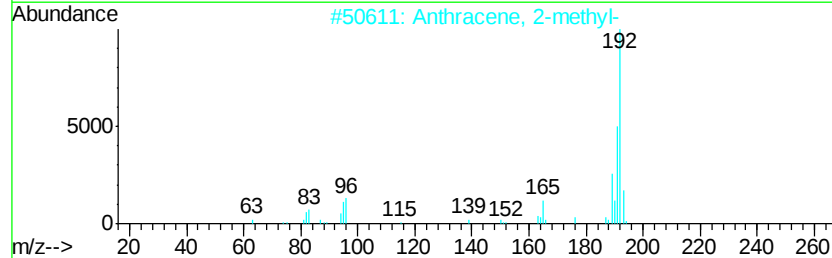
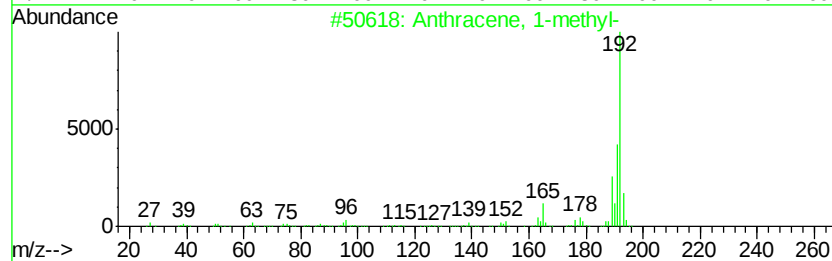
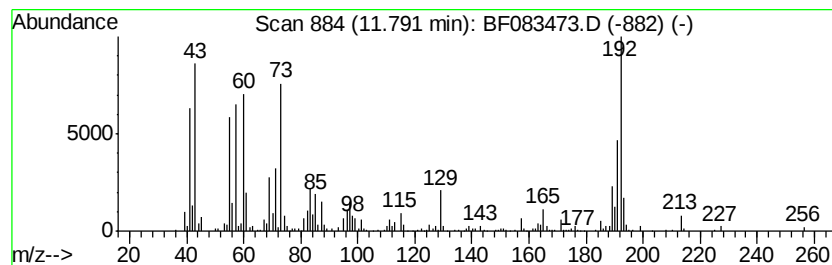
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.79	11.35 ng	838111	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
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ALS Vial : 17 Sample Multiplier: 1

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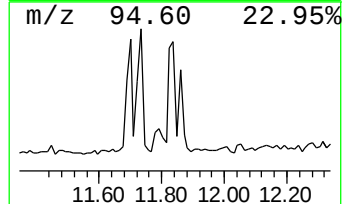
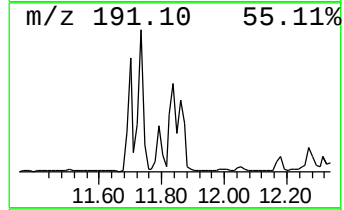
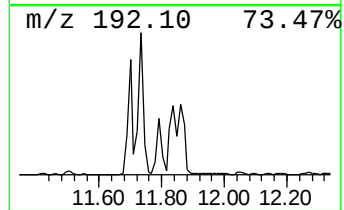
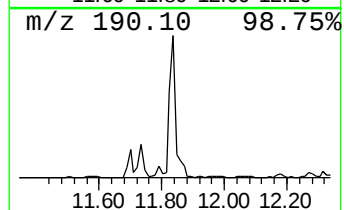
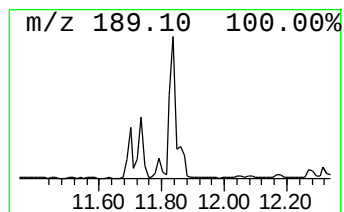
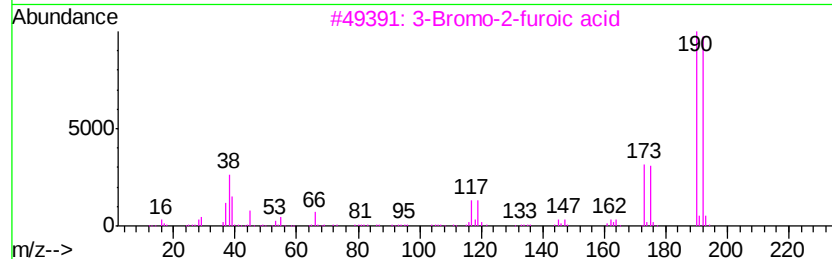
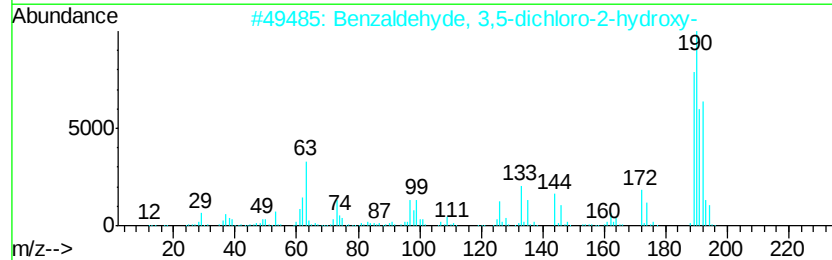
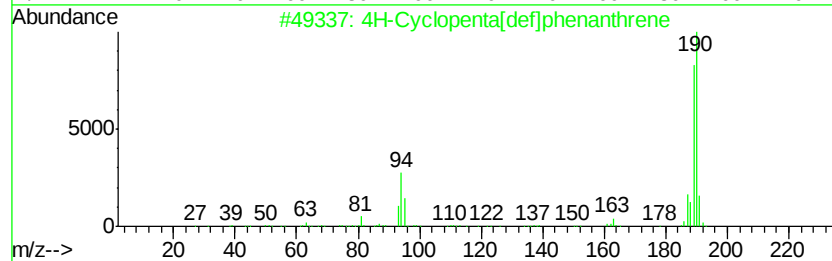
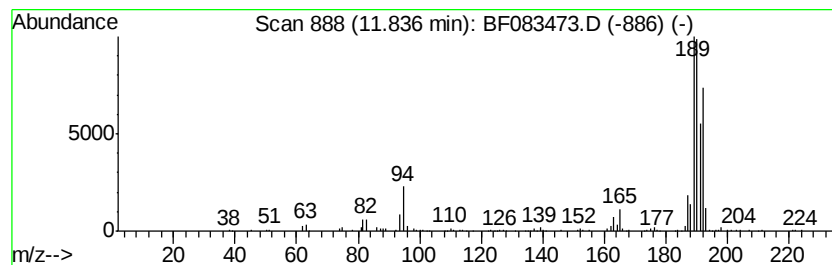
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	8.43 ng	622376	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	90
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	80
3		3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	38
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	38
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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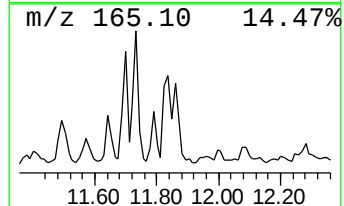
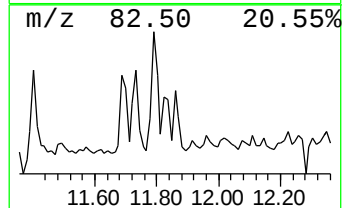
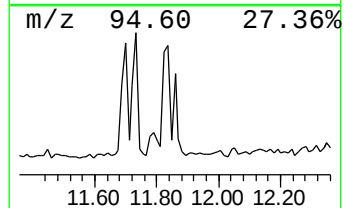
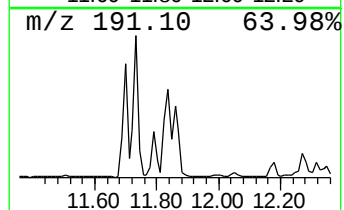
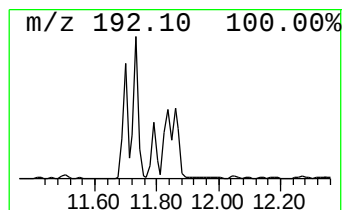
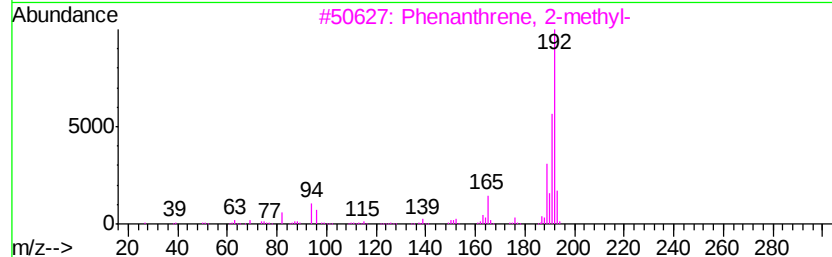
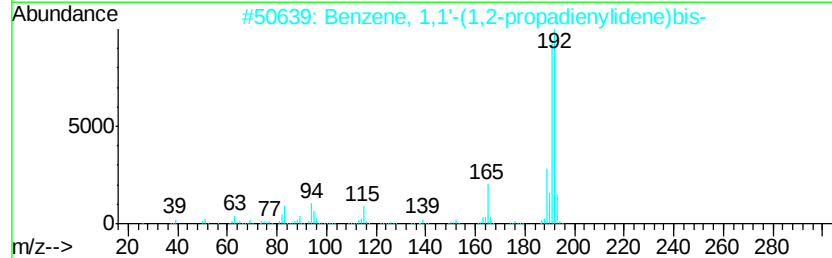
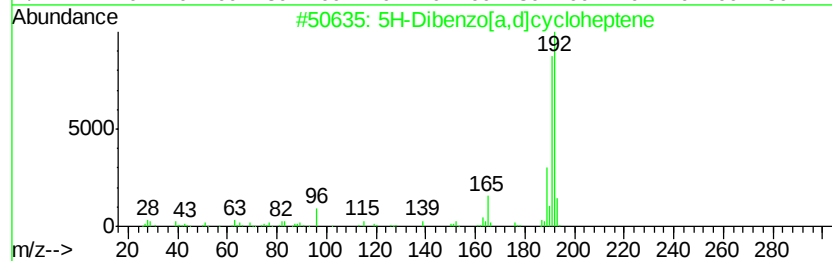
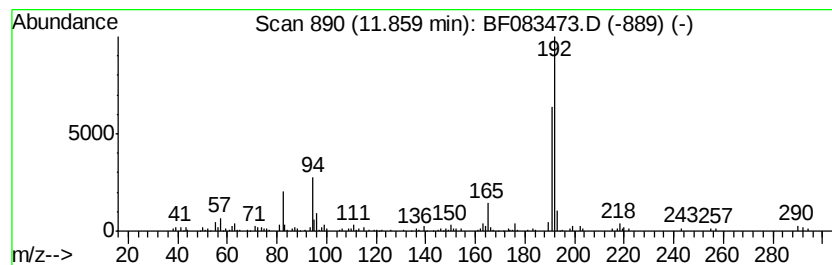
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 5H-Dibenzo[a,d]cycloheptene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.86	3.89 ng	287599	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	70
2			Benzene, 1,1'-(1,2-propadienyldi...	192	C15H12	014251-57-1	64
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	62
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	60
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	58



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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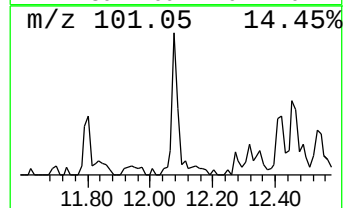
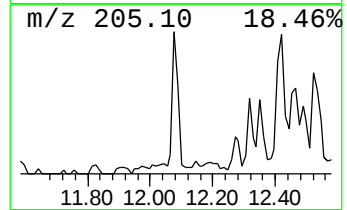
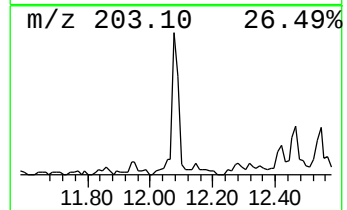
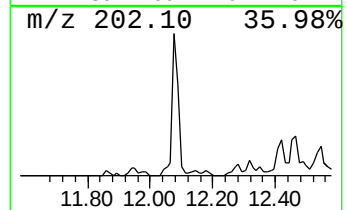
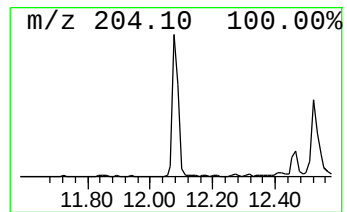
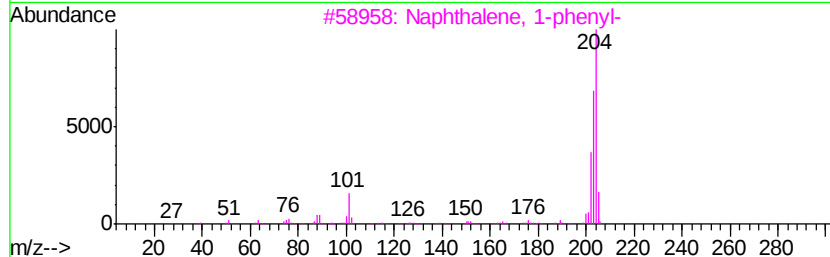
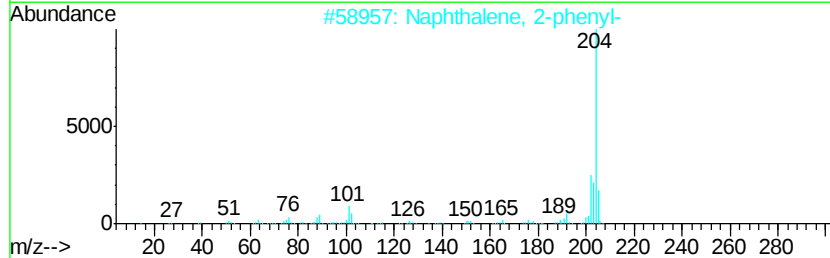
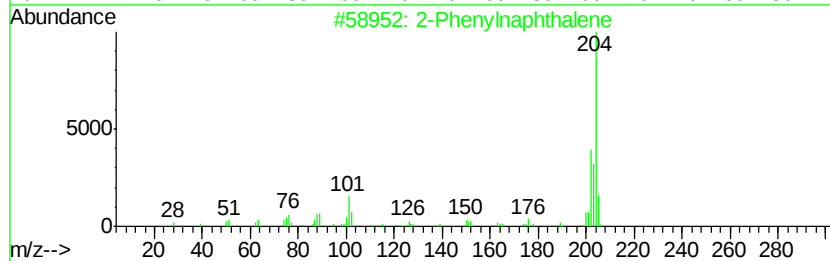
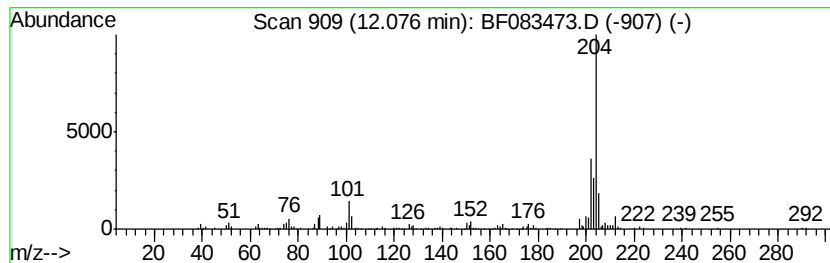
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 2-Phenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	3.38 ng	249359	Phenanthrene-d10	11.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	76
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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Sample : G4608-02
Misc :
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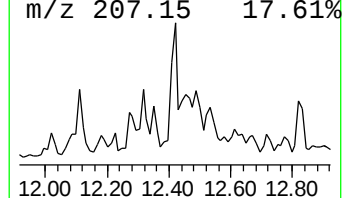
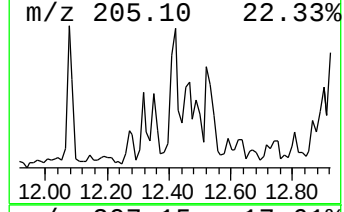
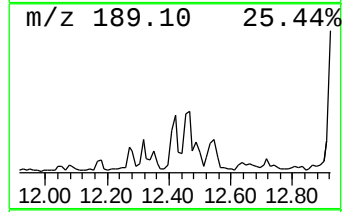
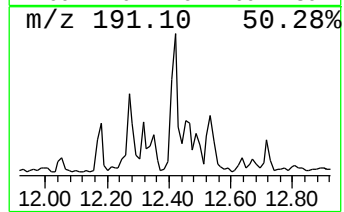
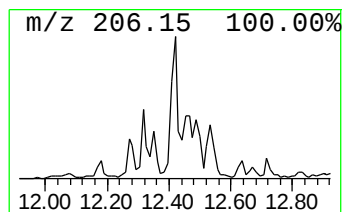
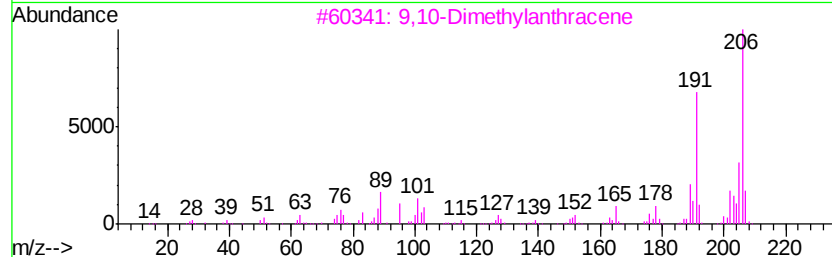
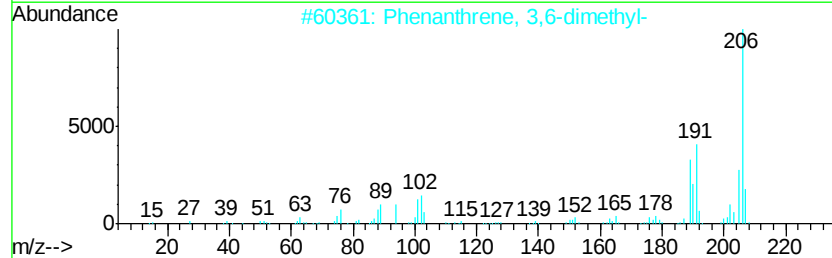
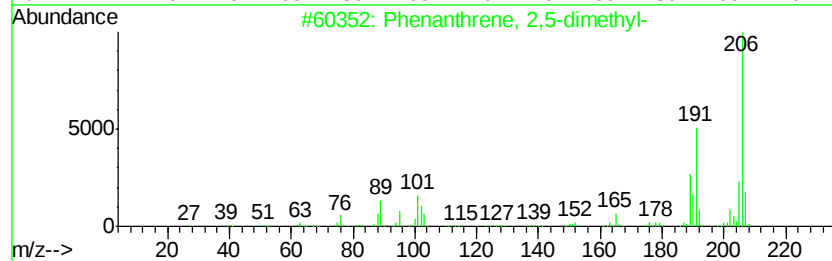
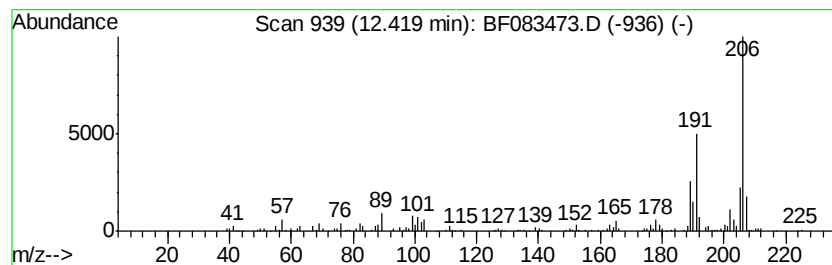
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.42	4.25 ng	314083	Phenanthrene-d10		11.09
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
Sample : G4608-02
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ClientSampleId :
CWC-MISC-4-20151130

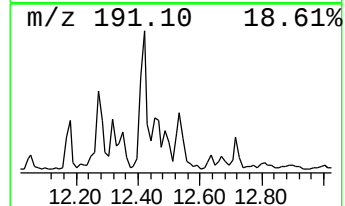
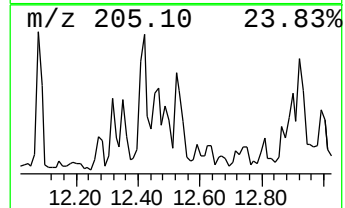
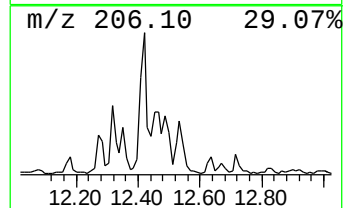
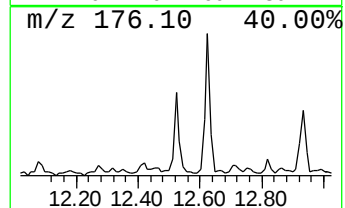
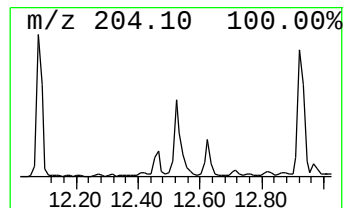
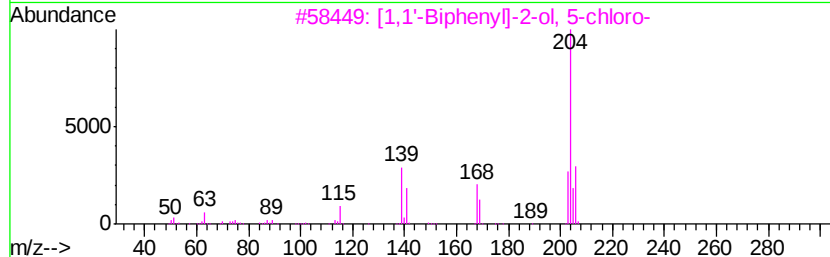
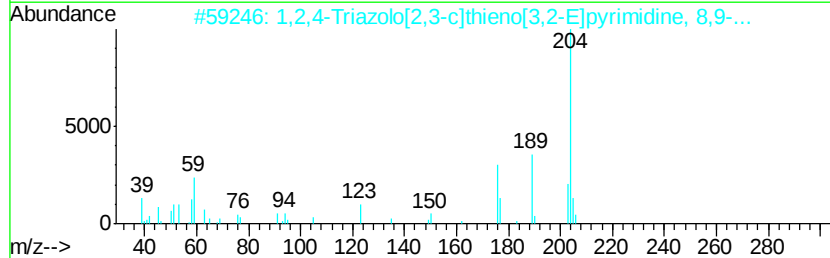
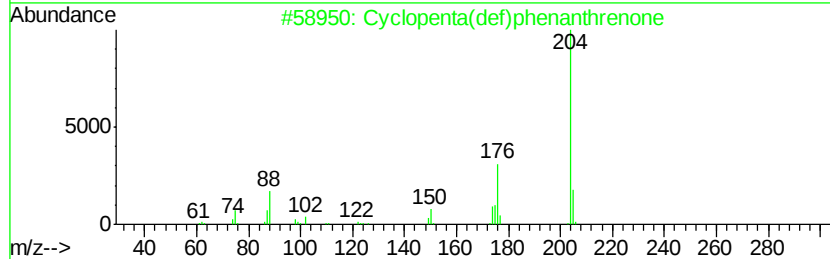
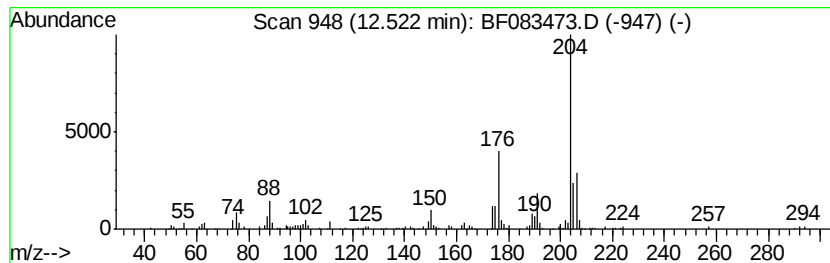
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	3.43 ng	253425	Phenanthrene-d10	11.09

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2		1,2,4-Triazolo[2,3-c]thieno[3,2-...	204	C9H8N4S	113246-88-1	50
3		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
4		[1,1'-Biphenyl]-4-ol, 3-chloro-	204	C12H9ClO	000092-04-6	43
5		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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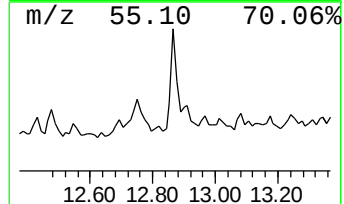
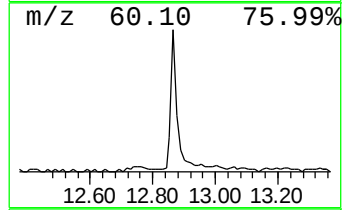
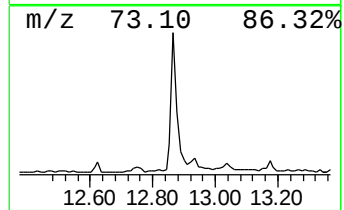
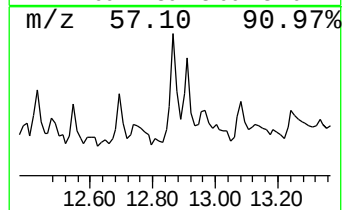
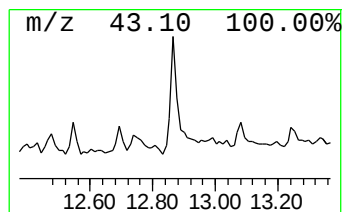
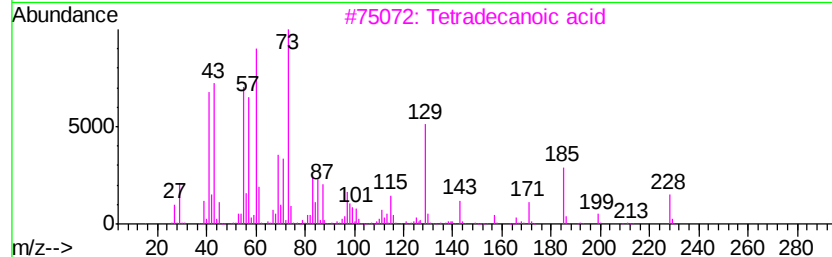
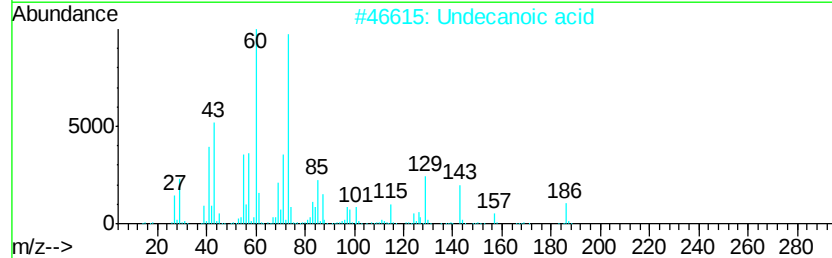
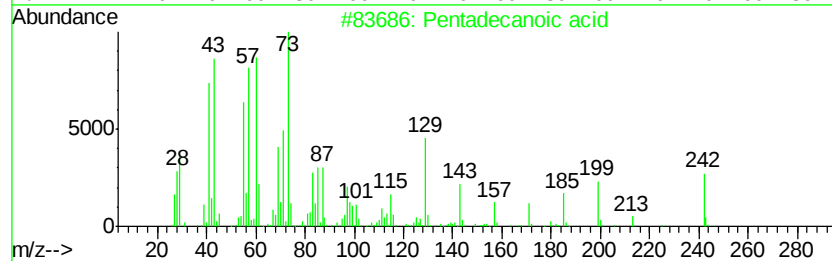
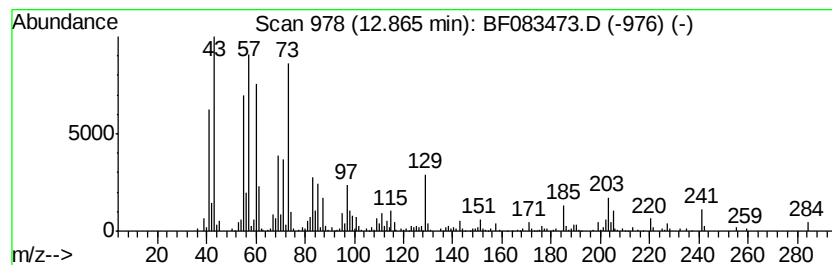
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	5.11 ng	377350	Phenanthrene-d10	11.09

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2		Undecanoic acid	186	C11H22O2	000112-37-8	70
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	70
4		Tridecanoic acid	214	C13H26O2	000638-53-9	68
5		n-Decanoic acid	172	C10H20O2	000334-48-5	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
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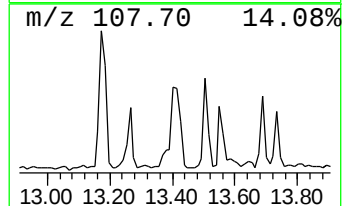
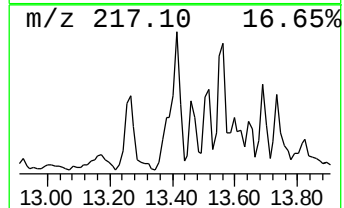
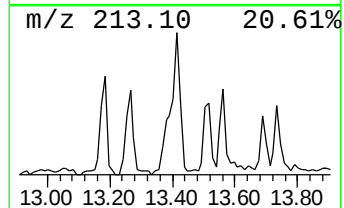
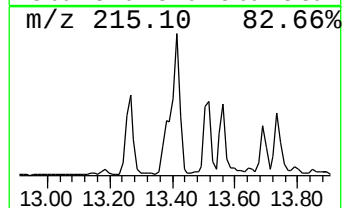
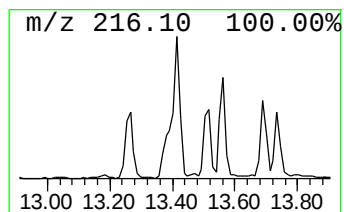
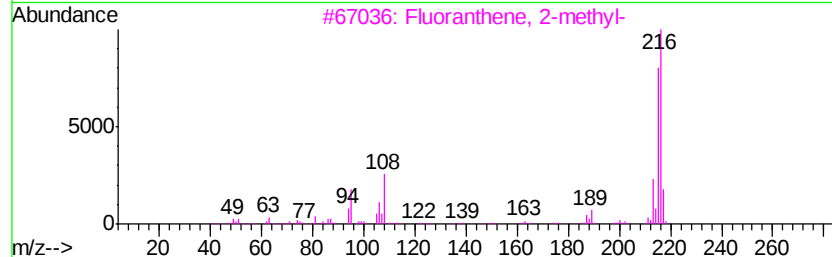
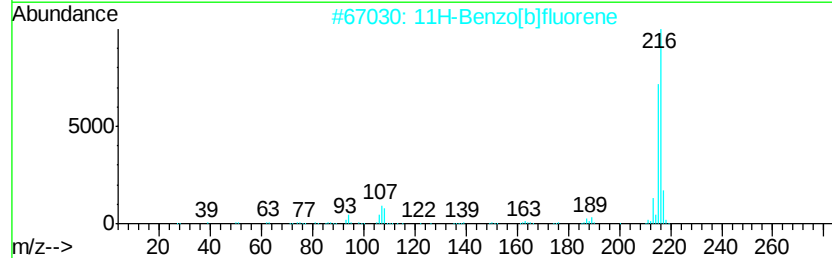
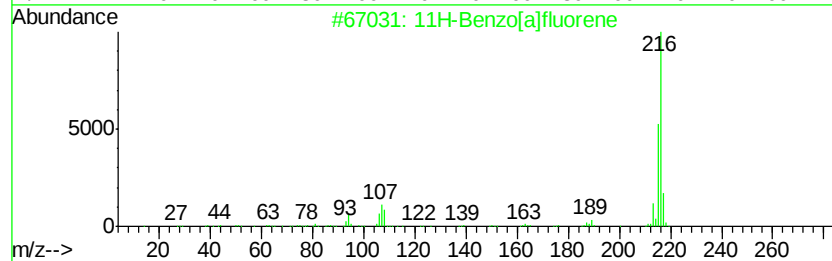
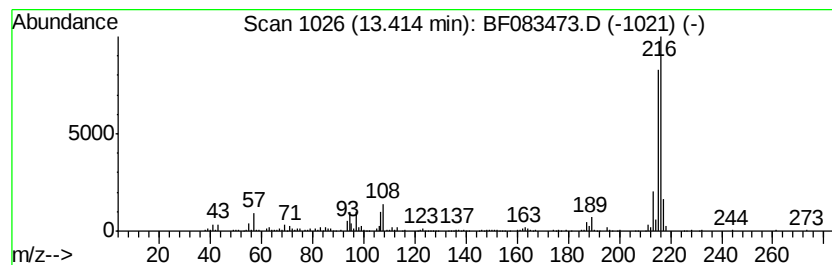
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.41	4.65 ng	614098	Chrysene-d12	14.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
Data File : BF083473.D
Acq On : 3 Dec 2015 21:50
Operator : UM/IZ
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ClientSampleId :
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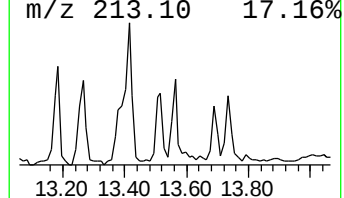
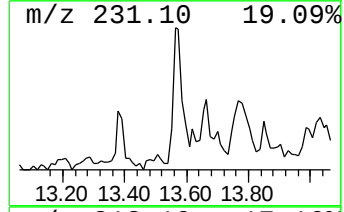
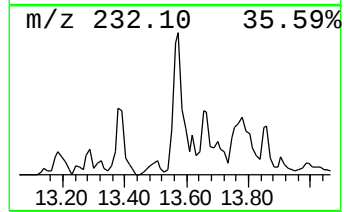
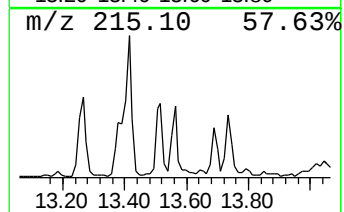
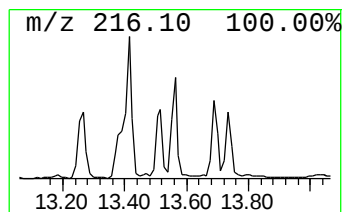
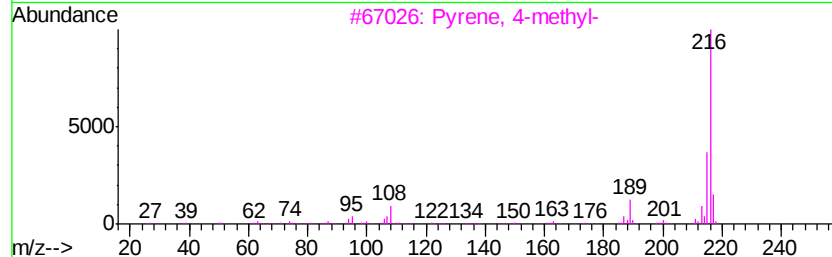
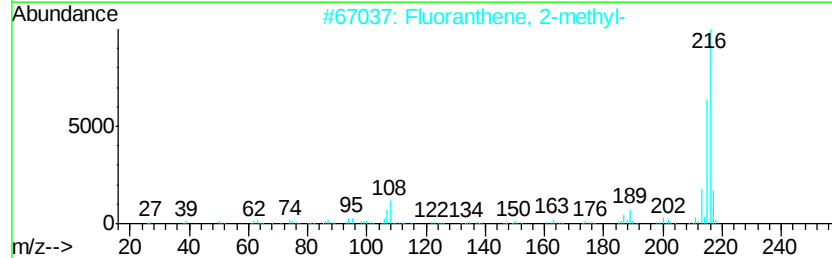
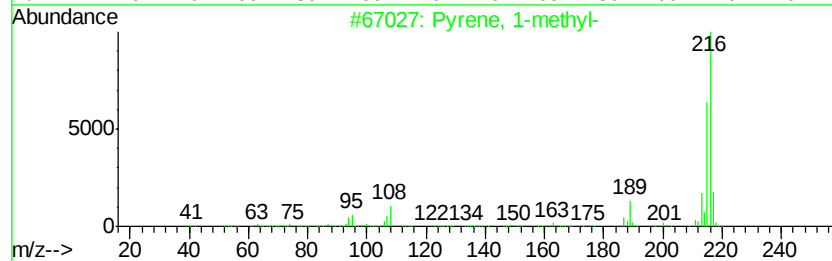
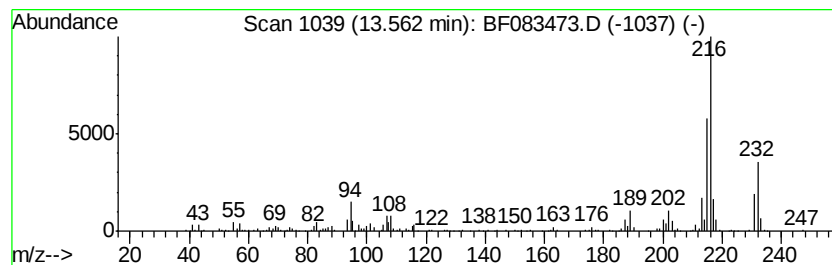
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.56	3.58 ng	473283	Chrysene-d12	14.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3		Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
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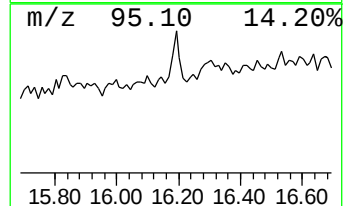
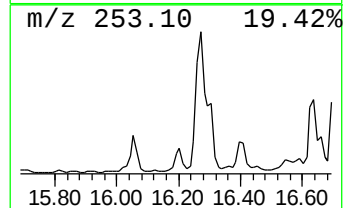
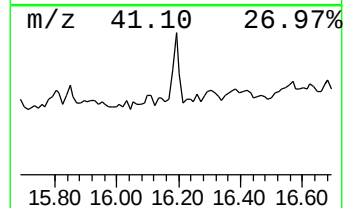
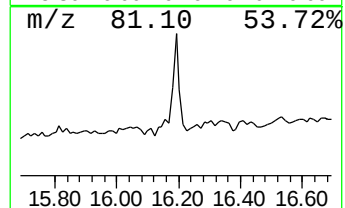
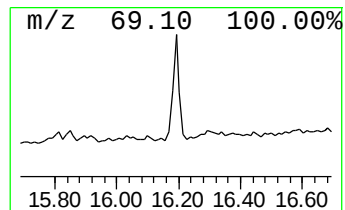
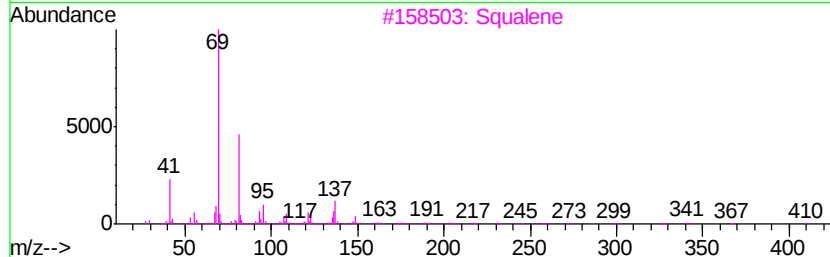
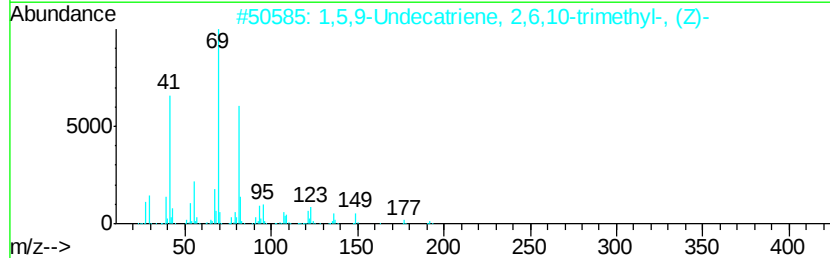
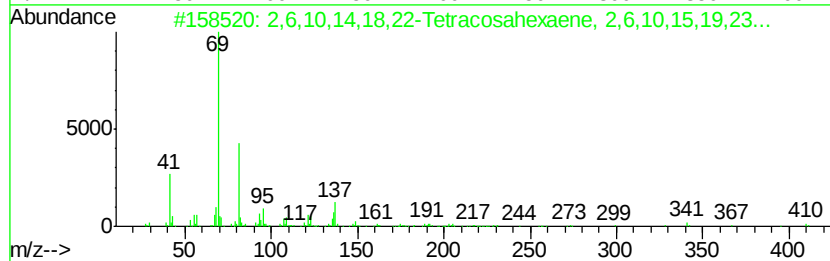
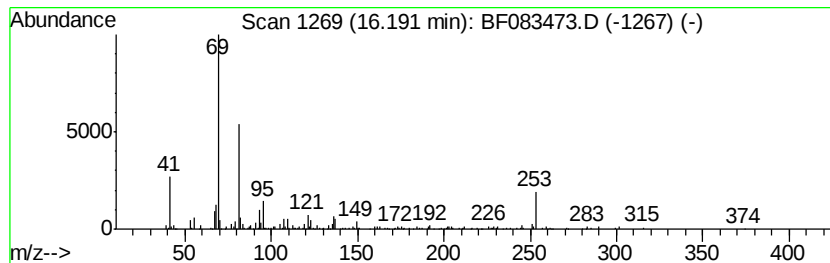
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 2,6,10,14,18,22-Tetracosahexaene... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	4.84 ng	211562	Perylene-d12	16.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6,10,14,18,22-Tetracosahexaene...	410	C30H50	000111-02-4	58		
2	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	58		
3	Squalene	410	C30H50	007683-64-9	58		
4	2,6-Octadiene, 2,6-dimethyl-	138	C10H18	002792-39-4	53		
5	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	53		



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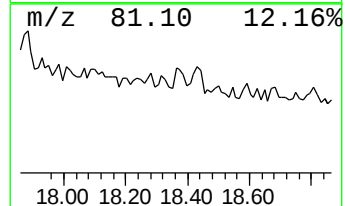
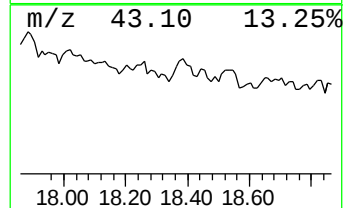
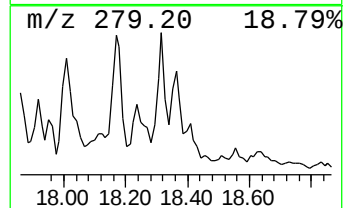
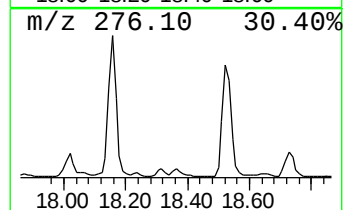
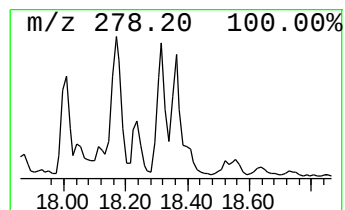
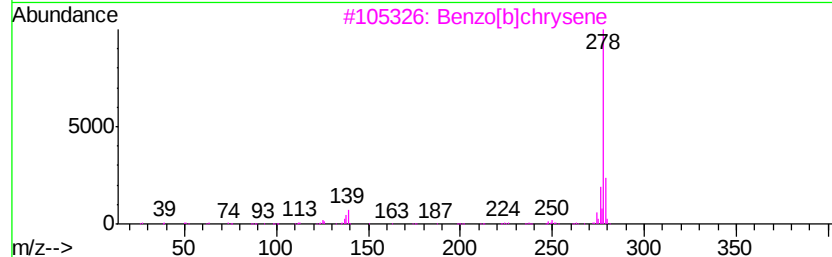
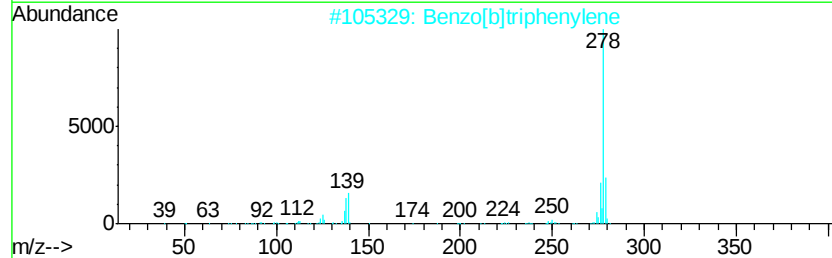
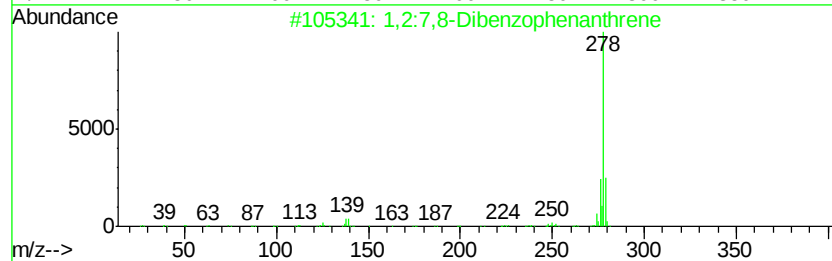
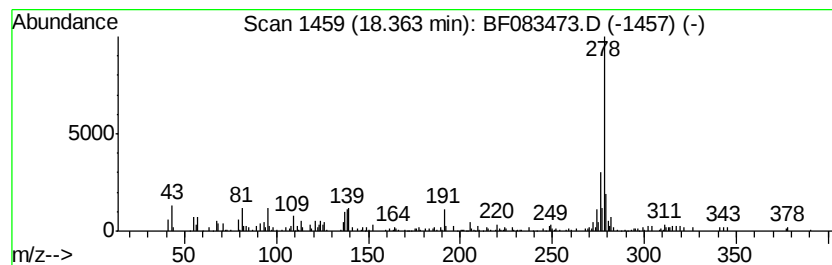
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:7,8-Dibenzophenanthrene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	3.69 ng	161124	Perylene-d12	16.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70
2		Benzo[b]triphenylene	278	C22H14	000215-58-7	70
3		Benzo[b]chrysene	278	C22H14	000214-17-5	62
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	58
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120315\
 Data File : BF083473.D
 Acq On : 3 Dec 2015 21:50
 Operator : UM/IZ
 Sample : G4608-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CWC-MISC-4-20151130

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113015.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
unknown4.64	4.64	20.0	ng	1155510	1	6.52	1155980	20.0
unknown6.30	6.30	76.8	ng	4438480	1	6.52	1155980	20.0
Tridecane	10.49	4.3	ng	314803	4	11.09	1477160	20.0
Dibenzothiophene	10.98	3.5	ng	257446	4	11.09	1477160	20.0
Phenanthrene, 2-m...	11.70	6.0	ng	444956	4	11.09	1477160	20.0
Phenanthrene, 1-m...	11.73	6.6	ng	486806	4	11.09	1477160	20.0
Anthracene, 1-met...	11.79	11.4	ng	838111	4	11.09	1477160	20.0
4H-Cyclopenta[def...	11.84	8.4	ng	622376	4	11.09	1477160	20.0
5H-Dibenzo[a,d]cy...	11.86	3.9	ng	287599	4	11.09	1477160	20.0
2-Phenyl-naphthalene	12.08	3.4	ng	249359	4	11.09	1477160	20.0
Phenanthrene, 2,5...	12.42	4.3	ng	314083	4	11.09	1477160	20.0
Cyclopenta(def)ph...	12.52	3.4	ng	253425	4	11.09	1477160	20.0
Pentadecanoic acid	12.87	5.1	ng	377350	4	11.09	1477160	20.0
11H-Benzo[a]fluorene	13.41	4.7	ng	614098	5	14.72	2641790	20.0
Pyrene, 1-methyl-	13.56	3.6	ng	473283	5	14.72	2641790	20.0
2,6,10,14,18,22-T...	16.19	4.8	ng	211562	6	16.77	874057	20.0
1,2:7,8-Dibenzoph...	18.36	3.7	ng	161124	6	16.77	874057	20.0