

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093188.D
 Acq On : 25 Feb 2017 13:04
 Operator : SJ/MA
 Sample : I1972-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-2

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-BF013017.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	5.002	252	255	261	rBV	1225252	1722922	42.49%	2.147%
2	5.436	290	293	295	rBV	3281795	4054732	100.00%	5.054%
3	6.476	381	384	387	rBV	2941232	3990471	98.42%	4.974%
4	6.602	392	395	398	rVV	3632071	3561224	87.83%	4.439%
5	6.830	413	415	418	rBV	1044661	940672	23.20%	1.172%
6	6.990	427	429	431	rBV	3280991	2967452	73.18%	3.699%
7	7.402	462	465	467	rBV	1881171	2344918	57.83%	2.923%
8	8.122	525	528	529	rBV	1460875	1292675	31.88%	1.611%
9	8.693	576	578	582	rBV3	249025	301537	7.44%	0.376%
10	8.831	589	590	593	rVB	219431	197890	4.88%	0.247%
11	8.933	597	599	601	rVB	168036	137459	3.39%	0.171%
12	9.196	620	622	625	rVV	3145164	3566420	87.96%	4.445%
13	9.299	628	631	634	rVB2	86816	149667	3.69%	0.187%
14	9.459	643	645	647	rBV	85734	117667	2.90%	0.147%
15	9.539	650	652	653	rBV	137955	185338	4.57%	0.231%
16	9.596	655	657	660	rVB	459202	400675	9.88%	0.499%
17	9.733	667	669	672	rVB	470192	457810	11.29%	0.571%
18	9.882	677	682	683	rBV	830523	1208730	29.81%	1.507%
19	9.905	683	684	686	rVB	228038	220048	5.43%	0.274%
20	10.076	697	699	701	rBV	221573	251722	6.21%	0.314%
21	10.282	715	717	718	rBV	127040	134474	3.32%	0.168%
22	10.305	718	719	720	rBV	160125	110775	2.73%	0.138%
23	10.419	728	729	732	rVB	291640	314361	7.75%	0.392%
24	10.534	736	739	742	rVV3	97345	197798	4.88%	0.247%
25	10.579	742	743	745	rVV	152059	143523	3.54%	0.179%
26	10.671	748	751	753	rVV	1701518	1831309	45.16%	2.283%
27	10.785	759	761	764	rBV2	237842	394918	9.74%	0.492%
28	10.968	774	777	781	rBV4	97567	226775	5.59%	0.283%
29	11.105	786	789	793	rVV4	86089	213996	5.28%	0.267%
30	11.174	793	795	797	rVV	178564	166478	4.11%	0.207%
31	11.231	797	800	801	rVV2	197175	260870	6.43%	0.325%
32	11.254	801	802	806	rVB	188933	243543	6.01%	0.304%
33	11.368	809	812	813	rBV	846860	1374192	33.89%	1.713%
34	11.391	813	814	816	rVV	2630608	1893737	46.70%	2.360%

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35	11.436	816	818	820	rVV	810664	779756	19.23%	0.972%
36	11.596	829	832	836	rBV2	264687	432225	10.66%	0.539%
37	11.654	836	837	839	rVV	204267	195735	4.83%	0.244%
38	11.699	839	841	843	rVB2	89035	104058	2.57%	0.130%
39	11.871	853	856	857	rBV	268904	389597	9.61%	0.486%
40	11.894	857	858	860	rVB	558127	451040	11.12%	0.562%
41	11.939	860	862	864	rBV	238807	274825	6.78%	0.343%
42	11.974	864	865	870	rVB	535364	879947	21.70%	1.097%
43	12.065	870	873	875	rBV2	158286	263491	6.50%	0.328%
44	12.157	879	881	883	rVV2	210847	301025	7.42%	0.375%
45	12.191	883	884	887	rVB	225336	186774	4.61%	0.233%
46	12.317	892	895	896	rBV2	89344	161583	3.99%	0.201%
47	12.339	896	897	898	rBV	116475	100242	2.47%	0.125%
48	12.419	901	904	905	rBV	295822	376533	9.29%	0.469%
49	12.454	905	907	910	rVB3	257498	383434	9.46%	0.478%
50	12.511	910	912	914	rBV	275242	343487	8.47%	0.428%
51	12.579	914	918	921	rBV	2490334	3525747	86.95%	4.394%
52	12.648	921	924	925	rVB2	83907	138690	3.42%	0.173%
53	12.671	925	926	928	rBV	211272	207280	5.11%	0.258%
54	12.728	928	931	933	rBV2	166334	267296	6.59%	0.333%
55	12.808	935	938	941	rVV	2147707	3484916	85.95%	4.344%
56	12.865	941	943	945	rVB2	182748	280169	6.91%	0.349%
57	12.957	946	951	954	rVB	2253266	2999569	73.98%	3.739%
58	13.025	954	957	961	rBV3	310113	691666	17.06%	0.862%
59	13.140	963	967	968	rVB	490769	799244	19.71%	0.996%
60	13.208	968	973	974	rBV2	284123	429360	10.59%	0.535%
61	13.242	974	976	980	rVB	505927	587925	14.50%	0.733%
62	13.334	982	984	985	rBV	289262	243292	6.00%	0.303%
63	13.368	985	987	989	rBV2	186356	208831	5.15%	0.260%
64	13.528	998	1001	1003	rBV3	106900	255459	6.30%	0.318%
65	13.654	1008	1012	1014	rVV	441081	645568	15.92%	0.805%
66	13.757	1018	1021	1022	rVV	488583	557719	13.75%	0.695%
67	13.814	1024	1026	1028	rVV2	285301	572223	14.11%	0.713%
68	13.860	1028	1030	1032	rVV2	584729	728798	17.97%	0.908%
69	13.928	1034	1036	1039	rVB2	91060	139965	3.45%	0.174%
70	14.008	1039	1043	1044	rBV2	2140878	3586870	88.46%	4.471%
71	14.042	1044	1046	1048	rVV	1515343	2035984	50.21%	2.538%

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72	14.111	1050	1052	1055	rVV2	270383	501570	12.37%	0.625%
73	14.157	1055	1056	1059	rVV3	298938	565260	13.94%	0.705%
74	14.237	1061	1063	1065	rVV2	248735	468072	11.54%	0.583%
75	14.271	1065	1066	1069	rVV2	170771	245811	6.06%	0.306%
76	14.328	1069	1071	1072	rVV	89277	96314	2.38%	0.120%
77	14.362	1072	1074	1075	rVV	170401	258558	6.38%	0.322%
78	14.397	1075	1077	1078	rVV	530557	580090	14.31%	0.723%
79	14.431	1078	1080	1082	rVV3	284620	385553	9.51%	0.481%
80	14.488	1082	1085	1086	rVV3	266208	551016	13.59%	0.687%
81	14.522	1086	1088	1091	rVV2	278371	620661	15.31%	0.774%
82	14.591	1092	1094	1097	rVB3	158183	214864	5.30%	0.268%
83	14.705	1102	1104	1105	rBV	126377	150169	3.70%	0.187%
84	14.774	1109	1110	1112	rBV2	91513	118790	2.93%	0.148%
85	14.877	1117	1119	1123	rVB2	198723	334023	8.24%	0.416%
86	15.037	1130	1133	1137	rBV	1484387	3447554	85.03%	4.297%
87	15.140	1140	1142	1144	rVV	432282	499597	12.32%	0.623%
88	15.231	1147	1150	1153	rVV3	84528	252105	6.22%	0.314%
89	15.334	1156	1159	1161	rVV	832268	1322427	32.61%	1.648%
90	15.391	1161	1164	1166	rVV	1235922	1600658	39.48%	1.995%
91	15.448	1166	1169	1170	rVV	622924	798856	19.70%	0.996%
92	15.471	1170	1171	1175	rVB2	325175	565304	13.94%	0.705%
93	15.860	1203	1205	1208	rBV	156850	271639	6.70%	0.339%
94	16.500	1258	1261	1263	rBV	58402	131134	3.23%	0.163%
95	16.854	1288	1292	1297	rBV	479172	1019827	25.15%	1.271%
96	17.014	1304	1306	1309	rBV	80825	152760	3.77%	0.190%
97	17.071	1309	1311	1314	rVB2	69941	118602	2.93%	0.148%
98	17.288	1326	1330	1334	rBV	337689	724704	17.87%	0.903%
99	17.517	1347	1350	1358	rVB3	95772	334050	8.24%	0.416%
100	19.449	1516	1519	1525	rVB2	102017	313985	7.74%	0.391%

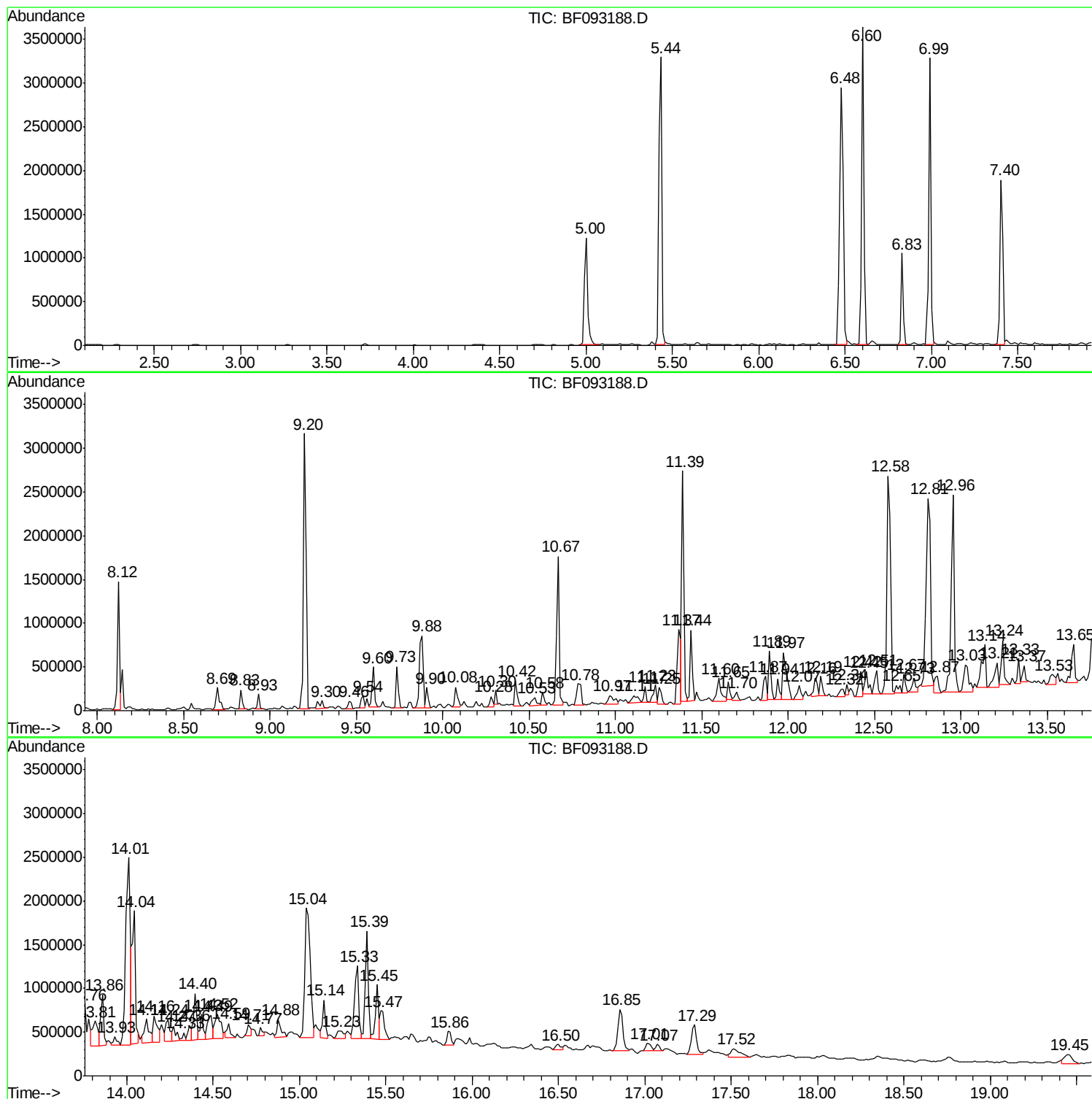
Sum of corrected areas: 80231054

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



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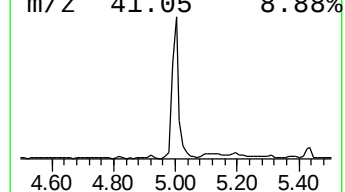
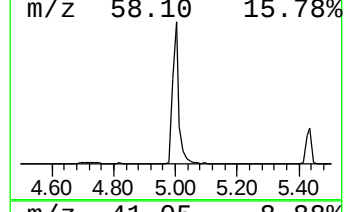
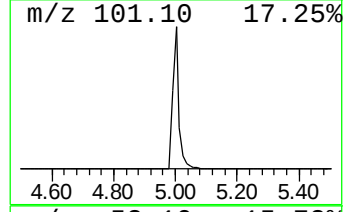
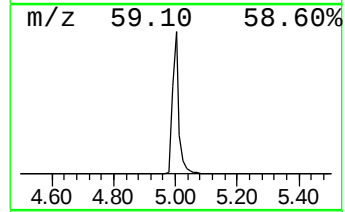
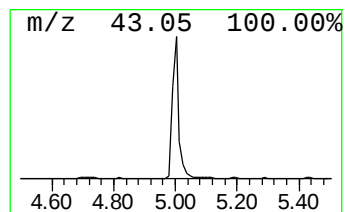
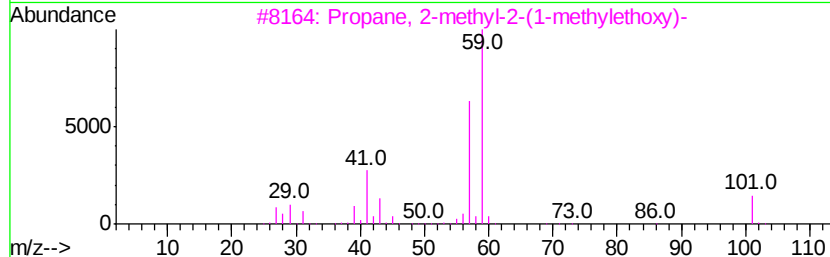
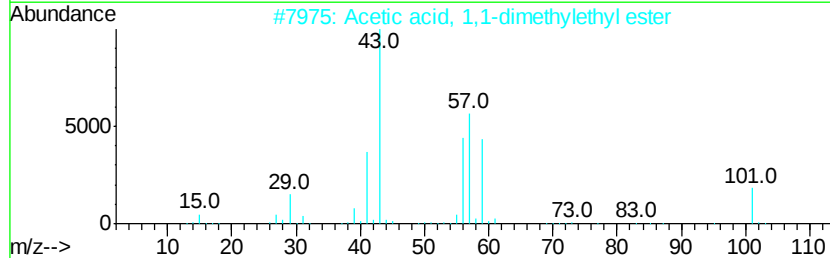
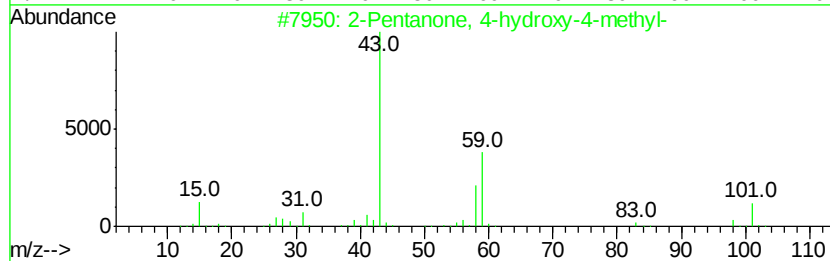
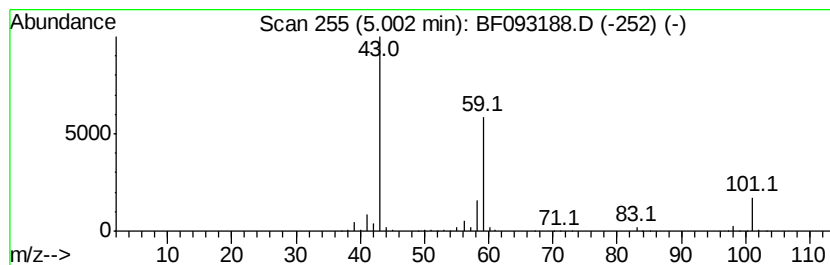
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	36.63 ng	1722920	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3			Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28



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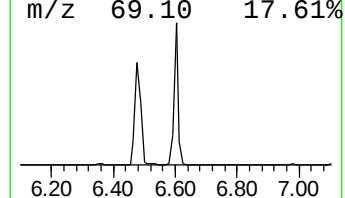
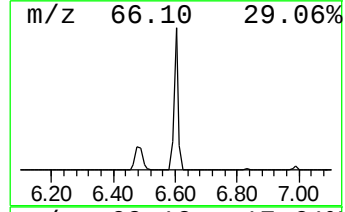
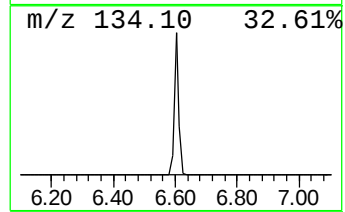
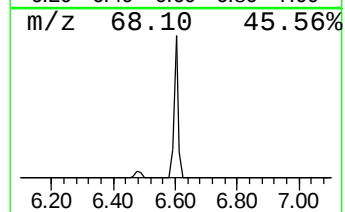
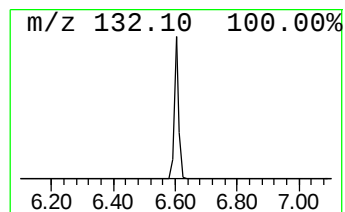
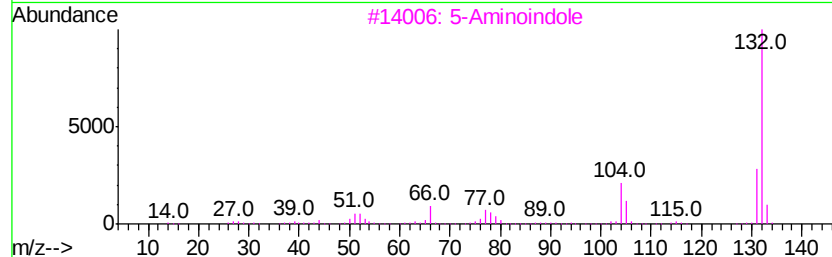
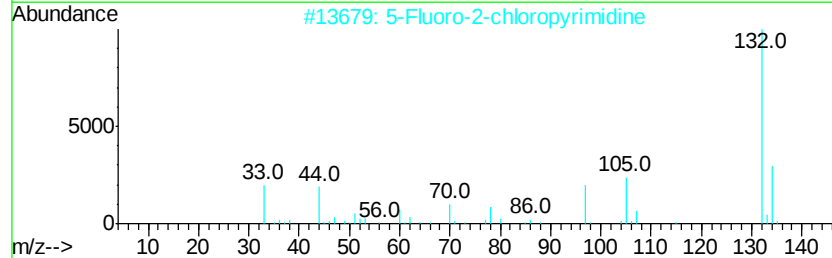
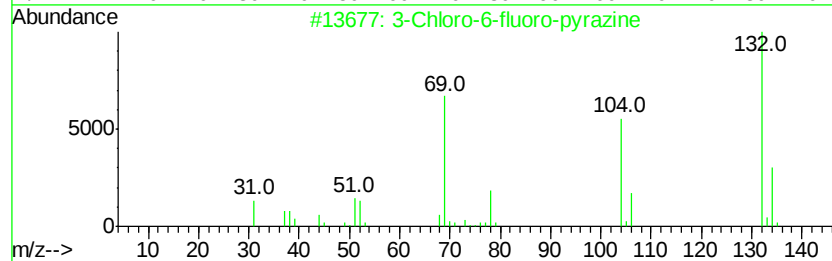
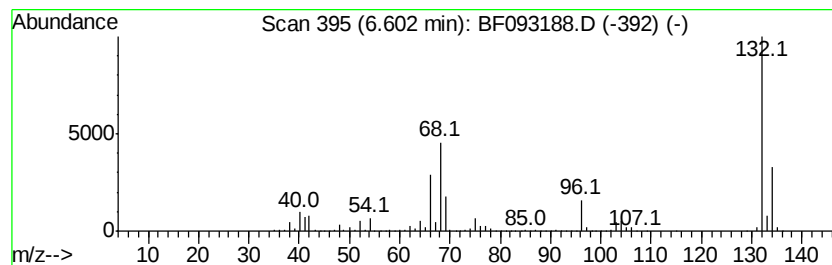
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	75.72 ng	3561220	1,4-Dichlorobenzene-d4	6.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27		
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16		
3	5-Aminoindole	132	C8H8N2	005192-03-0	12		
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9		
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9		



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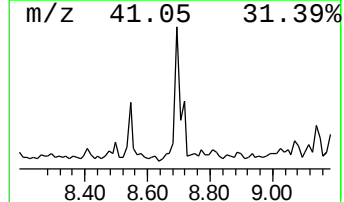
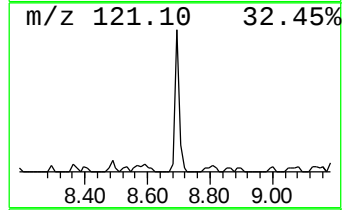
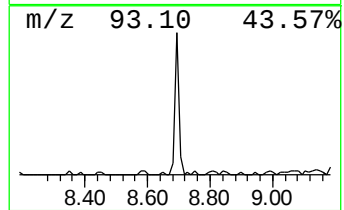
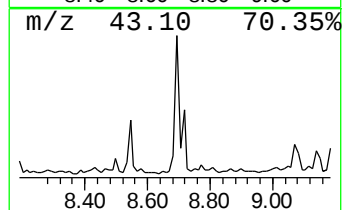
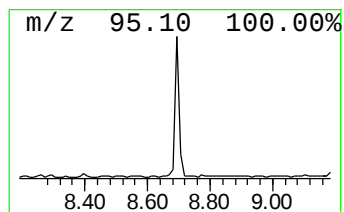
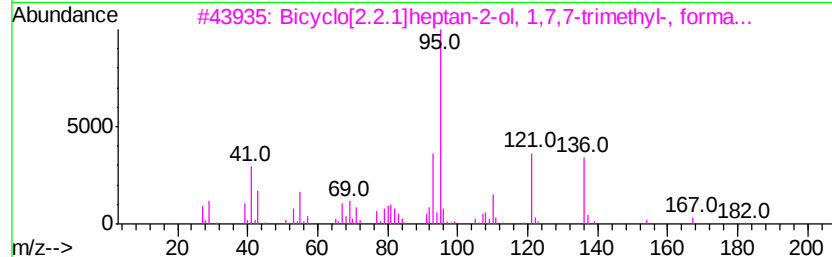
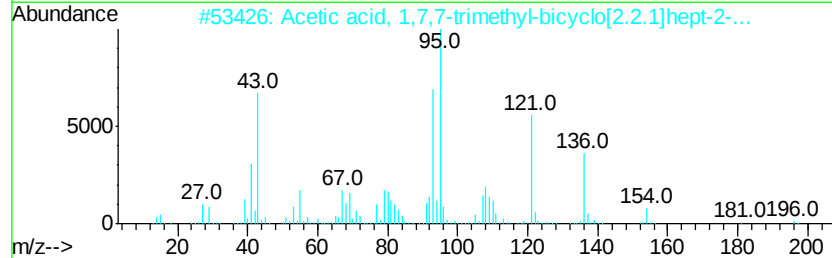
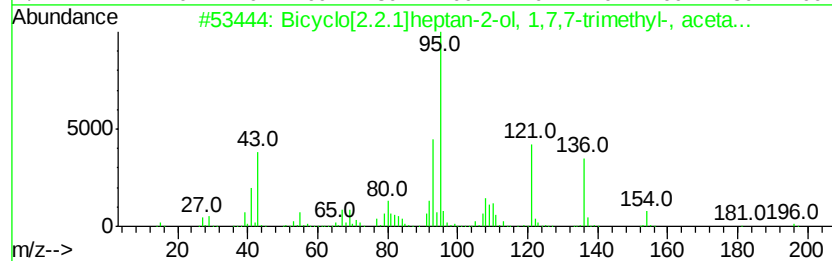
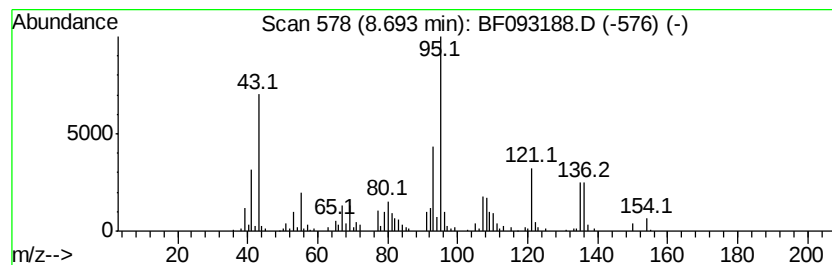
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Bicyclo[2.2.1]heptan-2-ol, ... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.69	4.67 ng	301537	Napthalene-d8	8.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Bicvclo[2.2.1]heptan-2-ol, 1,7,7...	196	C12H20O2	005655-61-8	83
2		Acetic acid, 1,7,7-trimethyl-bic...	196	C12H20O2	092618-89-8	62
3		Bicvclo[2.2.1]heptan-2-ol, 1,7,7...	182	C11H18O2	007492-41-3	59
4		Isoborneol	154	C10H18O	000124-76-5	53
5		Isobornyl formate	182	C11H18O2	001200-67-5	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093188.D
Acq On : 25 Feb 2017 13:04
Operator : SJ/MA
Sample : I1972-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-2

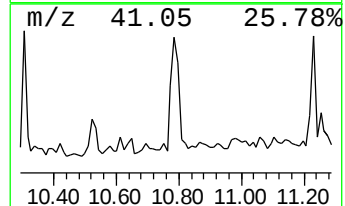
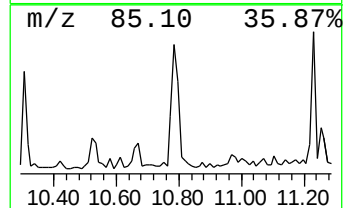
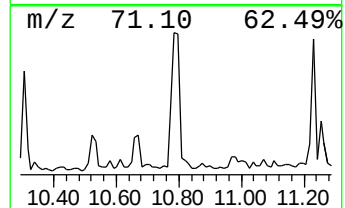
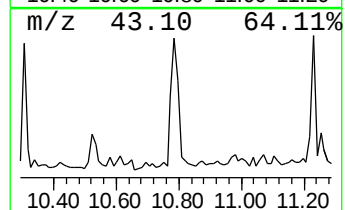
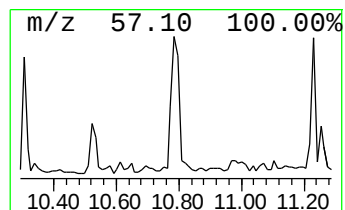
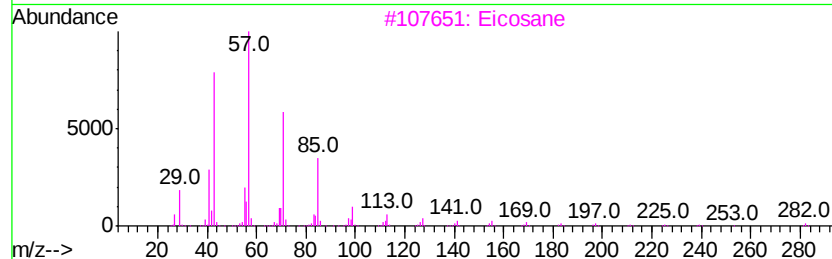
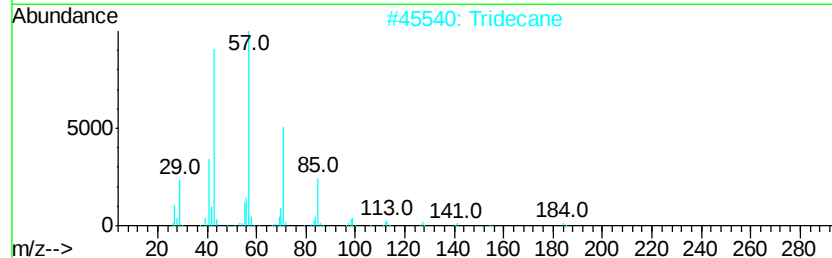
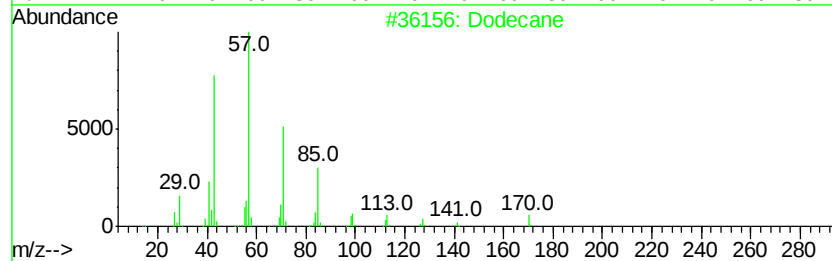
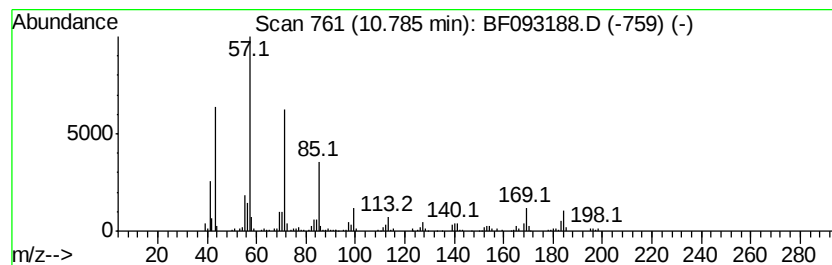
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	5.75 ng	394918	Phenanthrene-d10	11.37

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane		170	C12H26	000112-40-3	76
2	Tridecane		184	C13H28	000629-50-5	74
3	Eicosane		282	C20H42	000112-95-8	64
4	Heptacosane		380	C27H56	000593-49-7	64
5	Hexadecane		226	C16H34	000544-76-3	64



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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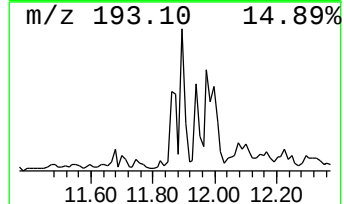
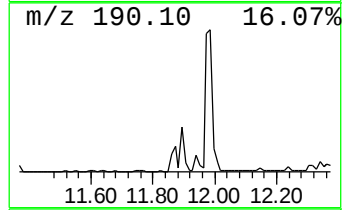
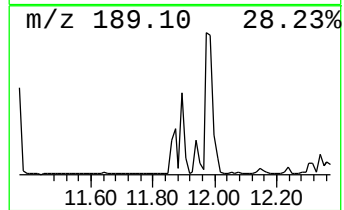
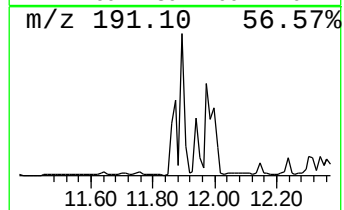
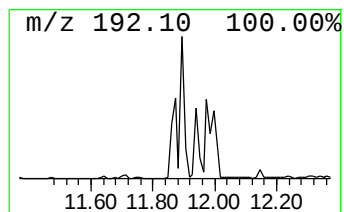
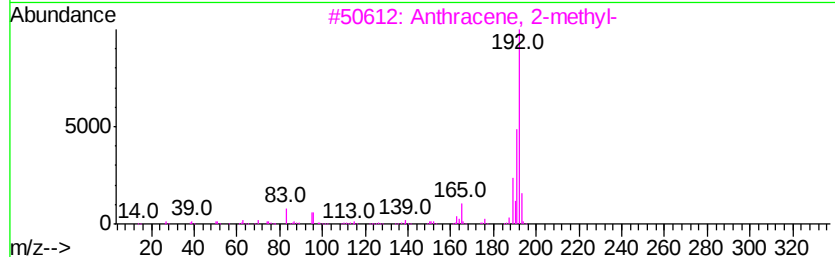
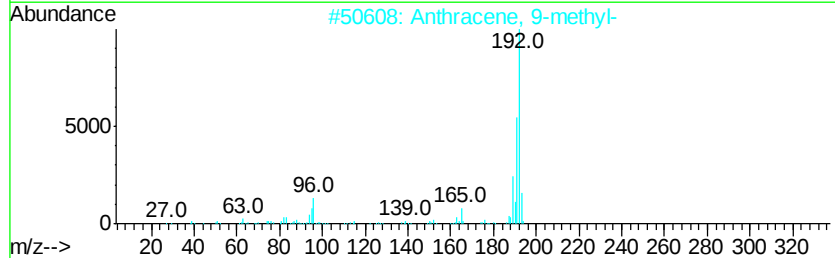
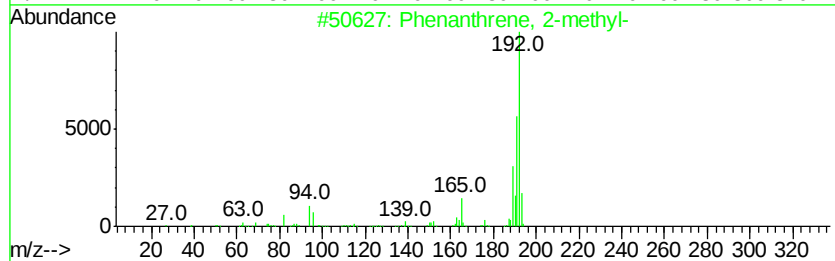
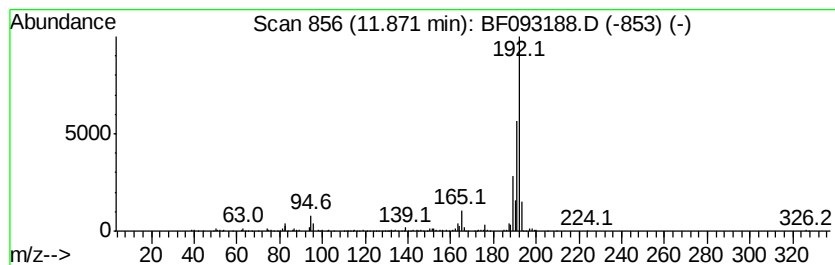
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.87	5.67 ng	389597	Phenanthrene-d10	11.37	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	86
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093188.D
Acq On : 25 Feb 2017 13:04
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Instrument :
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ClientSampleId :
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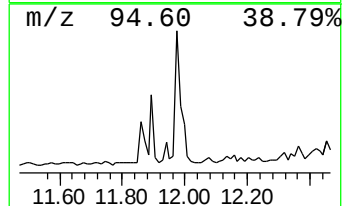
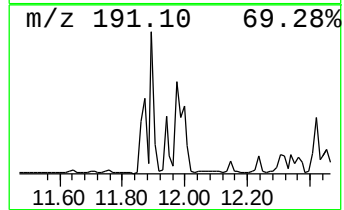
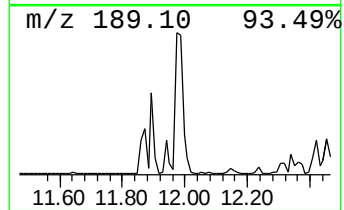
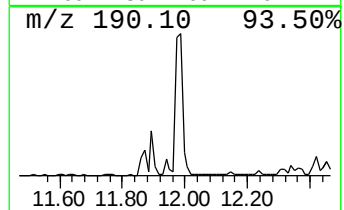
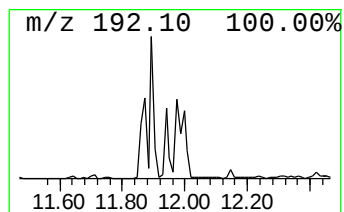
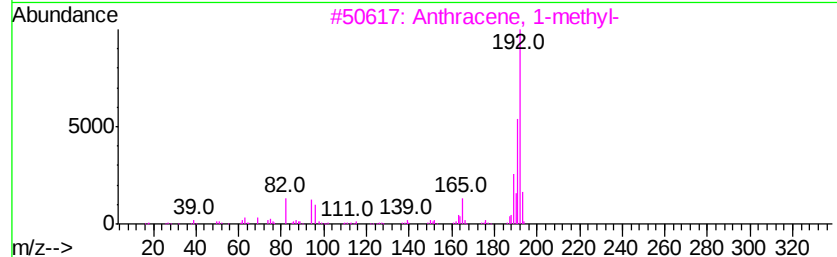
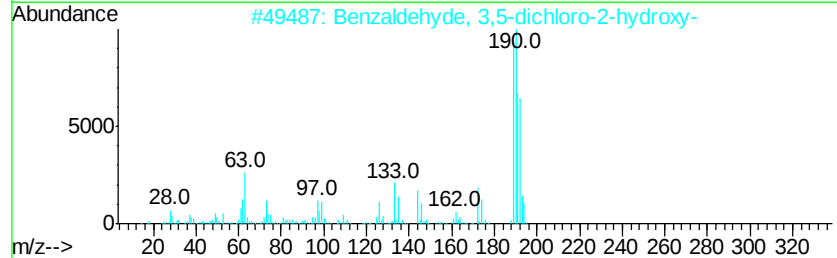
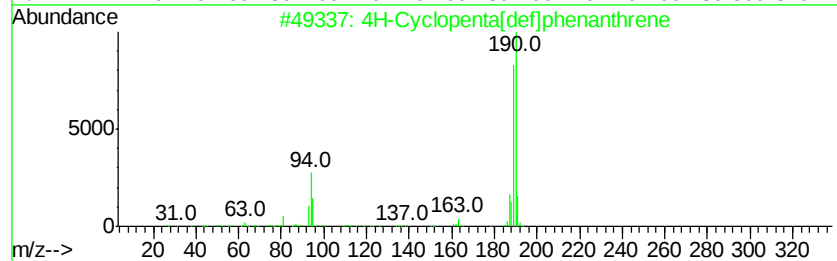
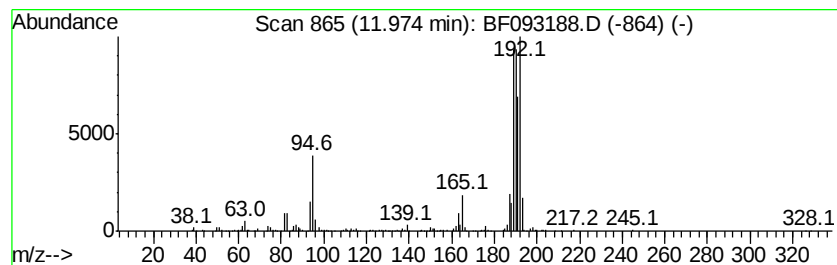
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	12.81 ng	879947	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3		Anthracene, 1-methyl-	192	C15H12	000610-48-0	38
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093188.D
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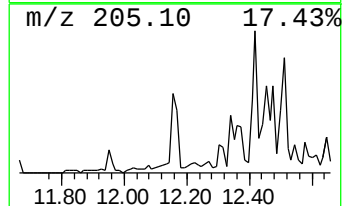
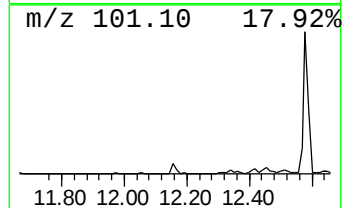
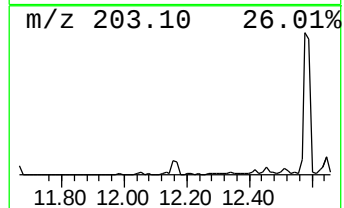
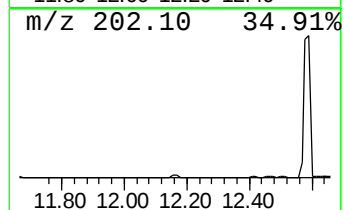
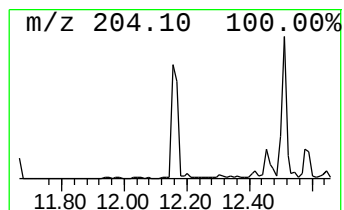
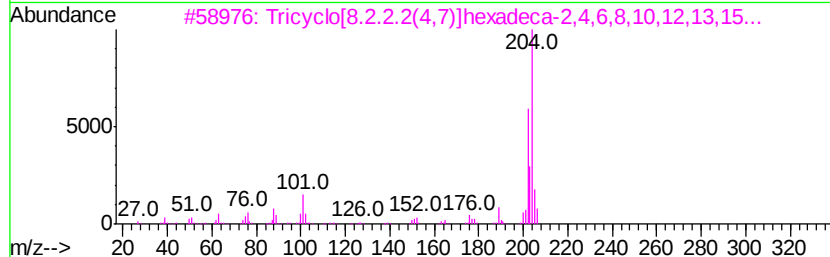
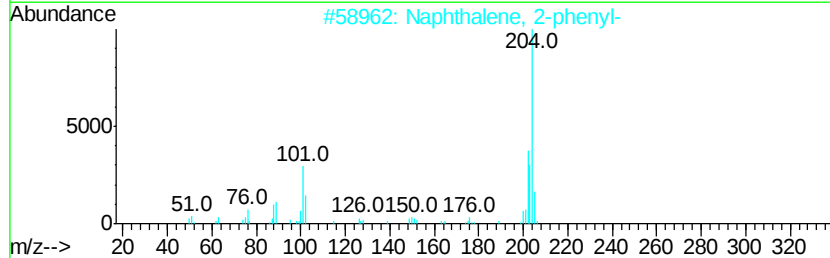
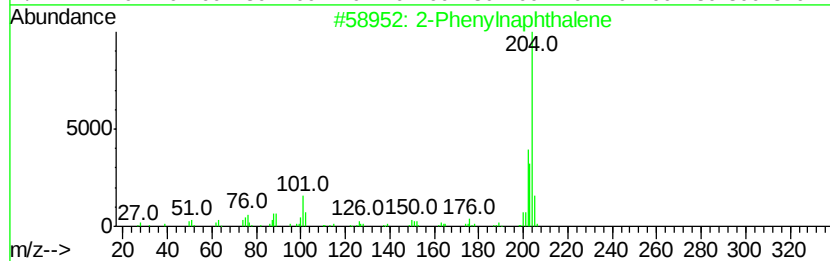
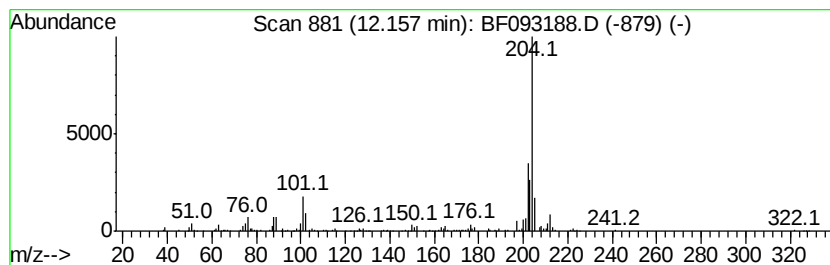
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Phenylnaphthalene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	4.38 ng	301025	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	95
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	89
4		6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	80
5		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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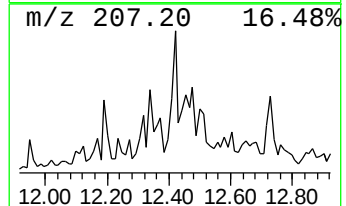
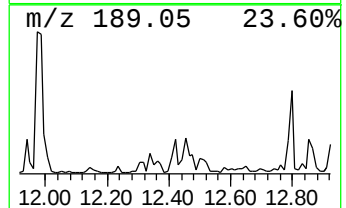
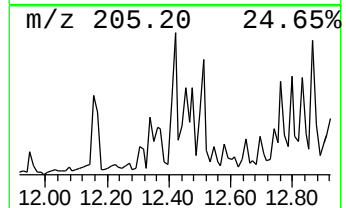
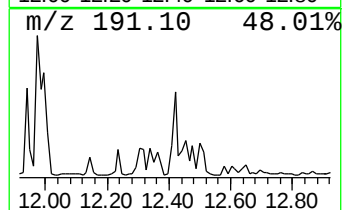
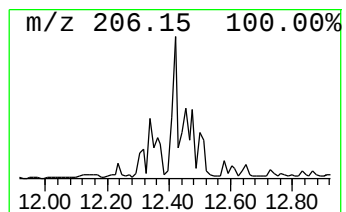
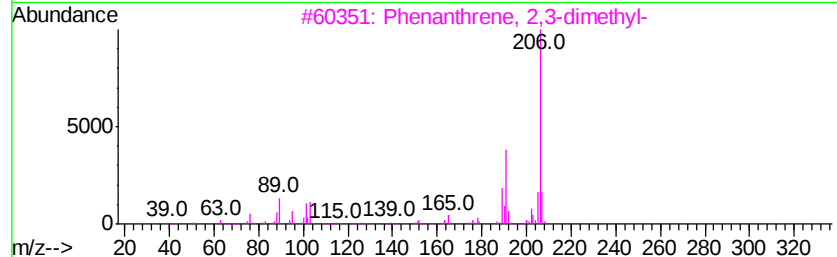
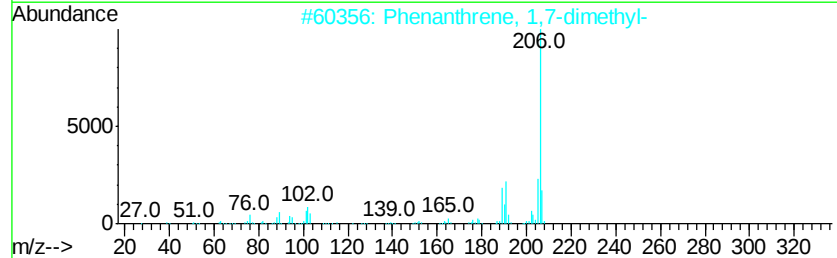
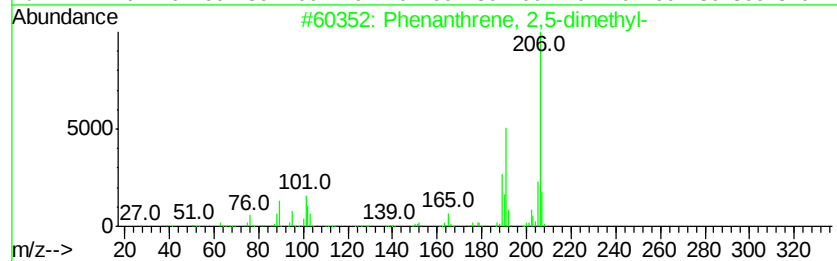
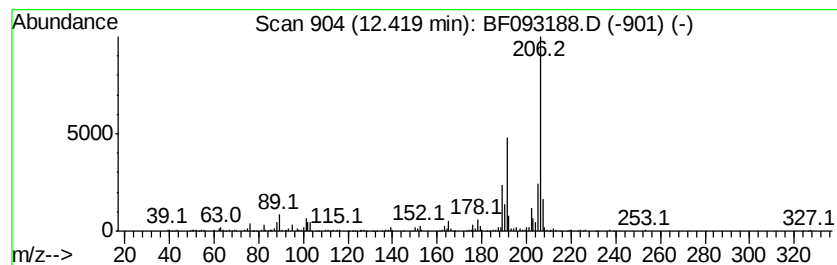
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	5.48 ng	376533	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4		9,10-Dimethylantracene	206	C16H14	000781-43-1	87
5		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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ClientSampleId :
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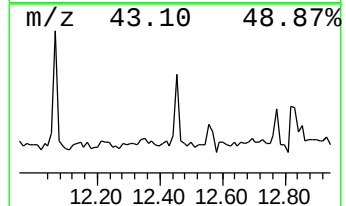
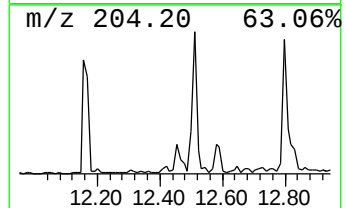
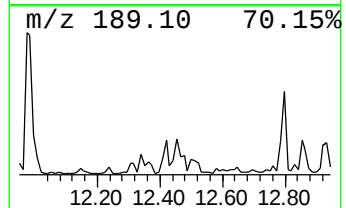
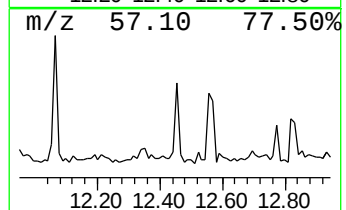
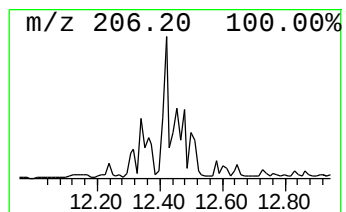
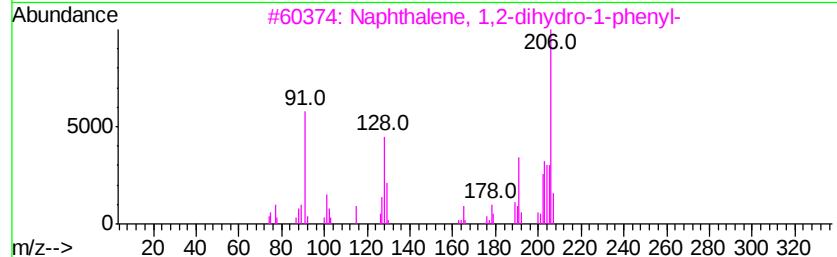
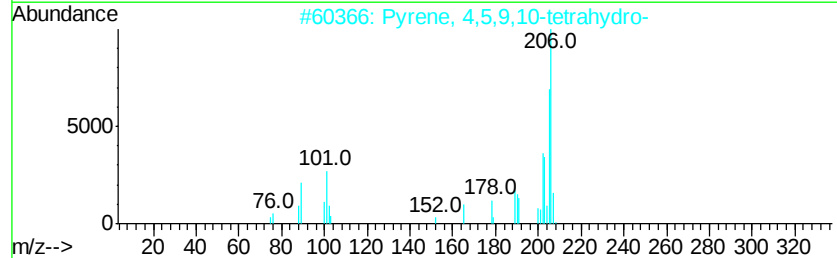
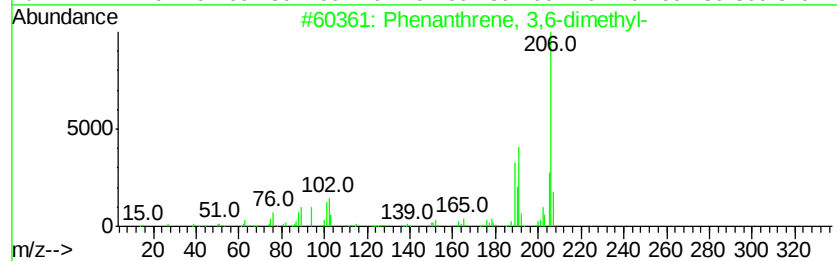
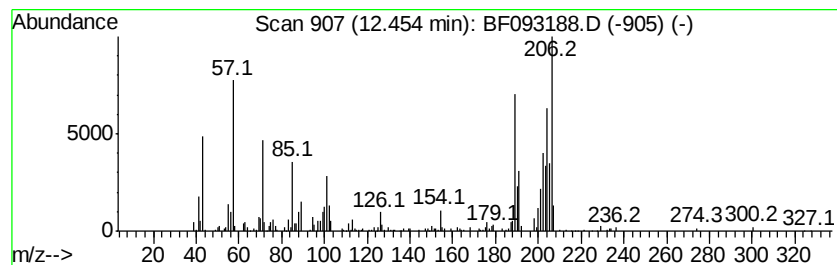
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	5.58 ng	383434	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
2		Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3		Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	38
4		5-Methyl-2-(p-tolylimino)-1,3-th...	206	C11H14N2S	070446-87-6	35
5		9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35



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Acq On : 25 Feb 2017 13:04
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Misc :
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ClientSampleId :
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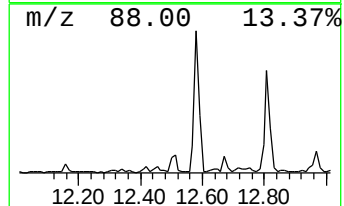
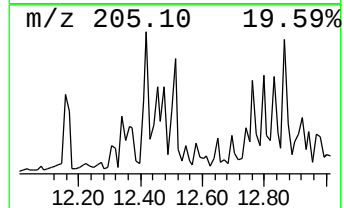
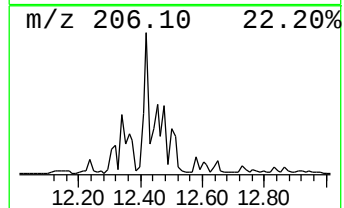
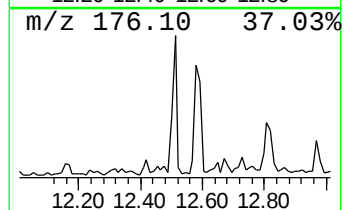
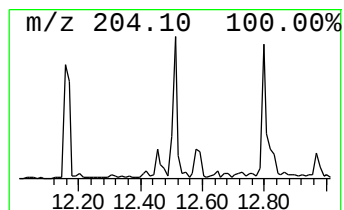
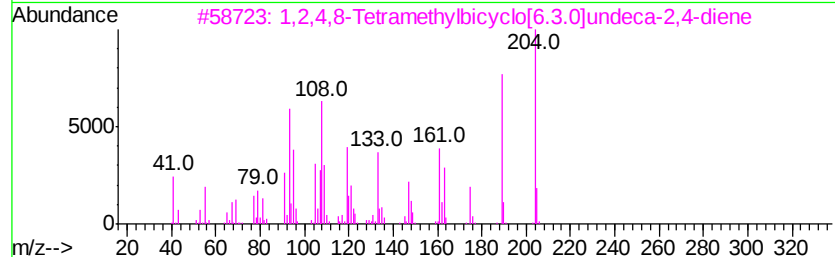
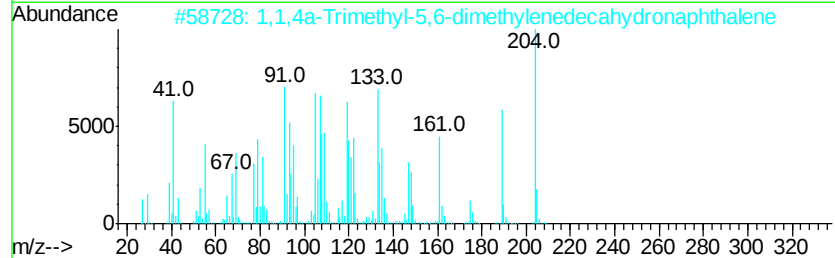
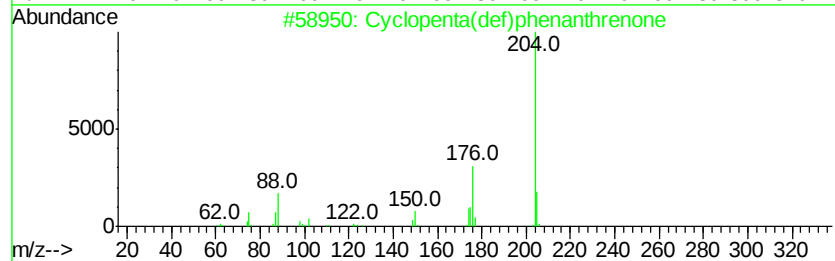
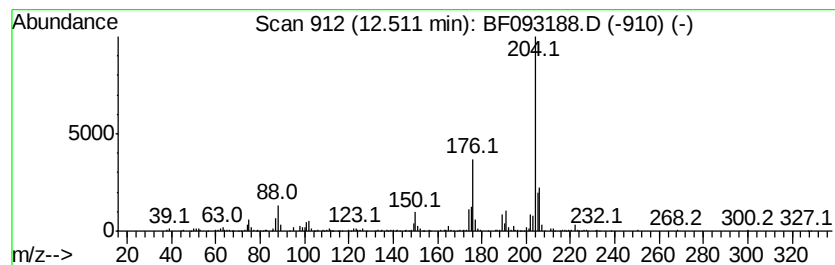
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	5.00 ng	343487	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	83
3		1,2,4,8-Tetramethylbicyclo[6.3.0]...	204	C15H24	137235-51-9	55
4		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093188.D
Acq On : 25 Feb 2017 13:04
Operator : SJ/MA
Sample : I1972-15
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1-SW-2

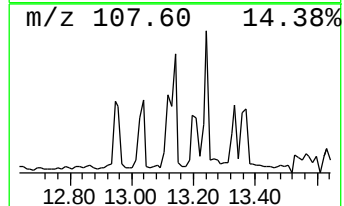
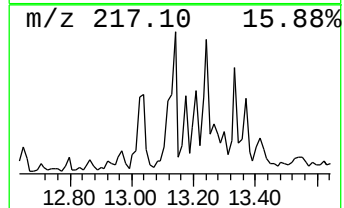
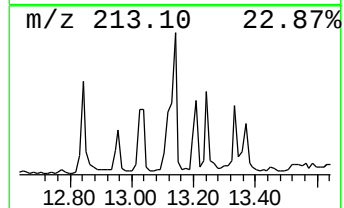
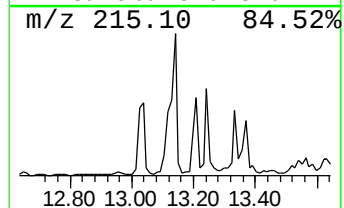
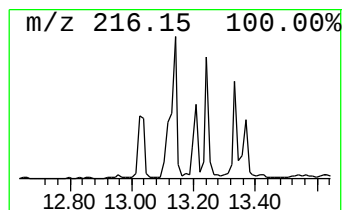
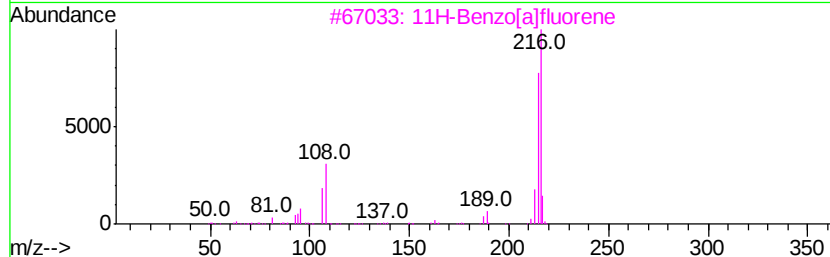
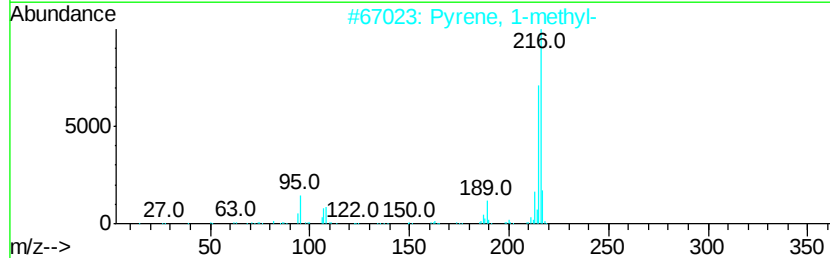
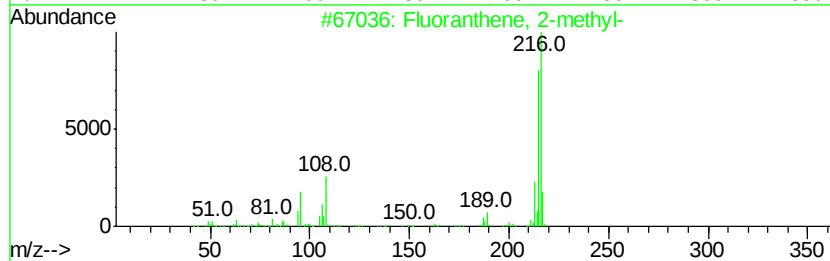
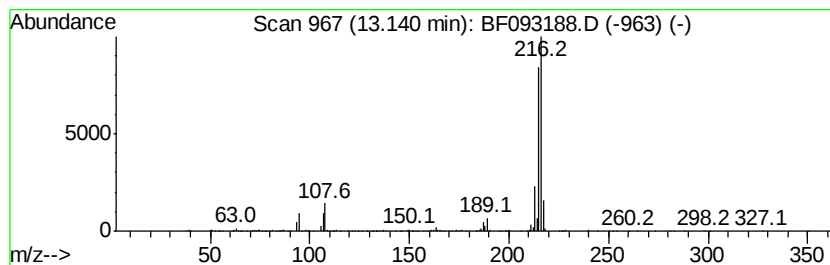
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.14	4.46 ng	799244	Chrysene-d12	14.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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Sample : I1972-15
Misc :
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ClientSampleId :
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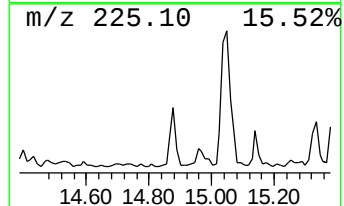
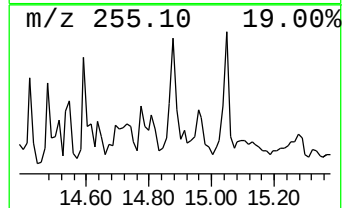
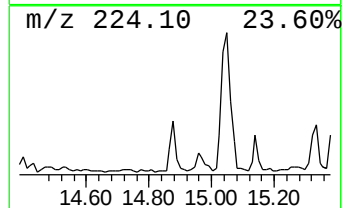
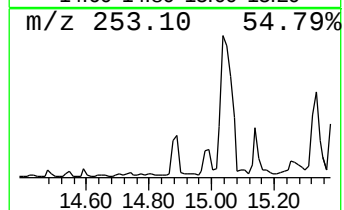
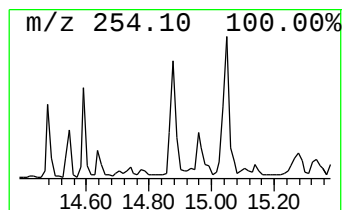
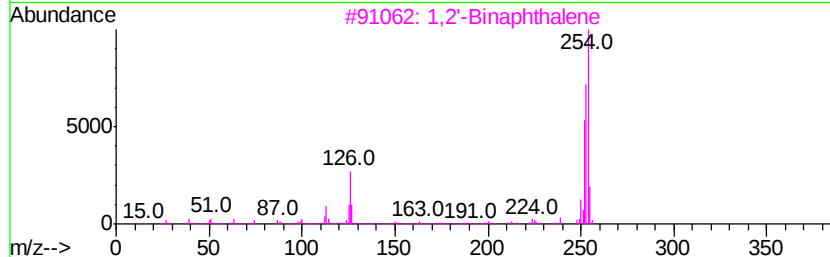
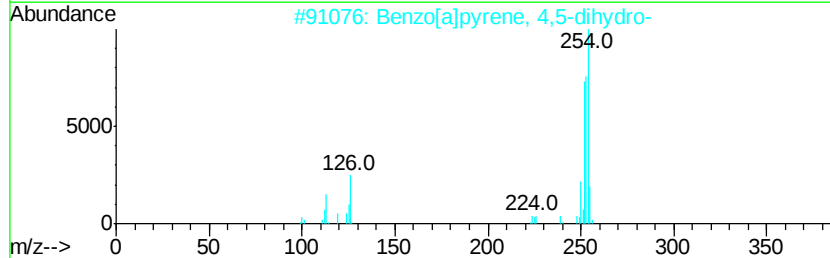
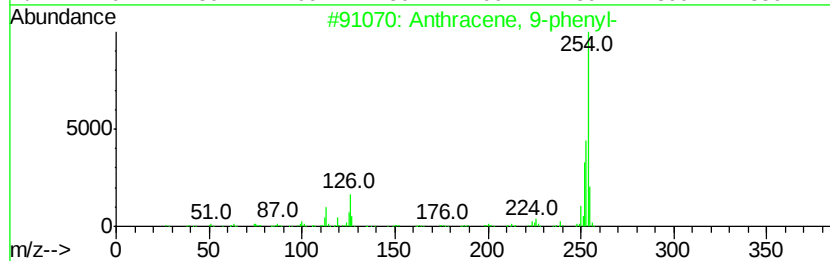
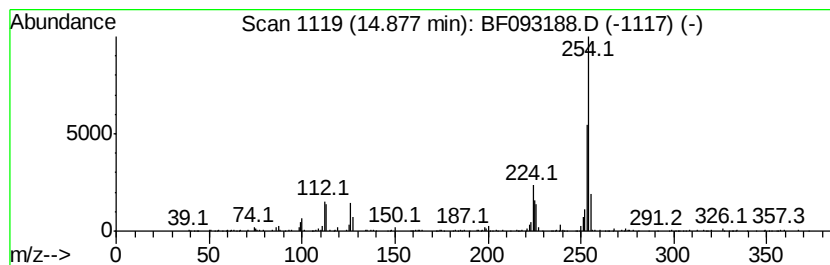
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 9-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	8.36 ng	334023	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	68
2		Benzo[a]pyrene, 4,5-dihydro-	254	C20H14	057652-66-1	68
3		1,2'-Binaphthalene	254	C20H14	004325-74-0	59
4		Imidazo[1,2-b]-1,2,4-triazine, 6...	254	C14H14N4O	1000277-24-4	59
5		Benzenamine, 4,4'-methylenebis[N...	254	C17H22N2	000101-61-1	58



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ALS Vial : 41 Sample Multiplier: 1

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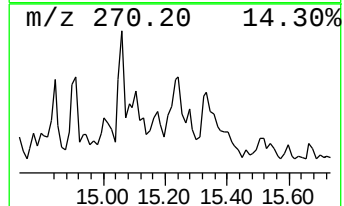
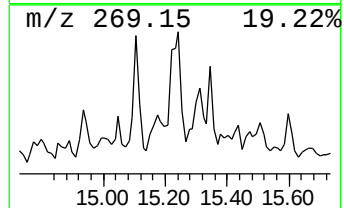
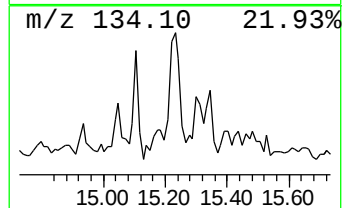
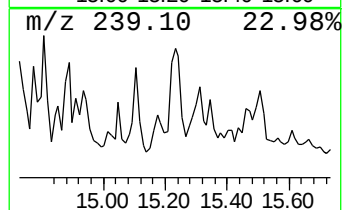
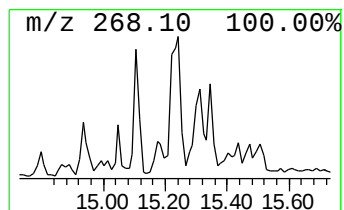
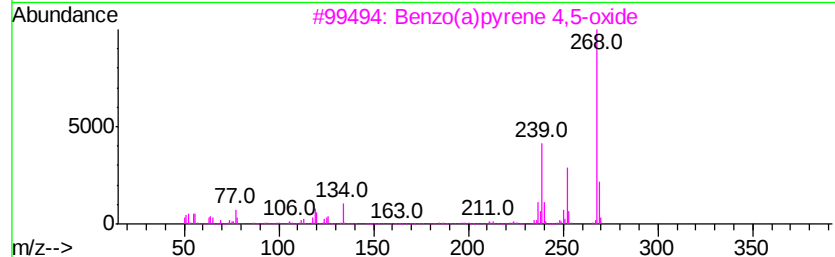
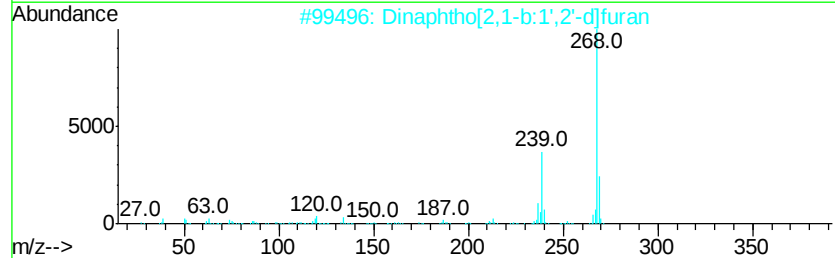
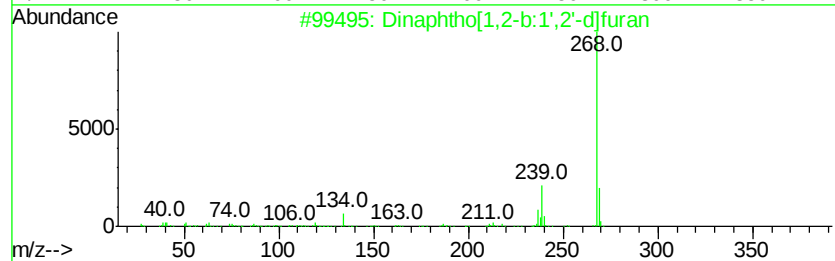
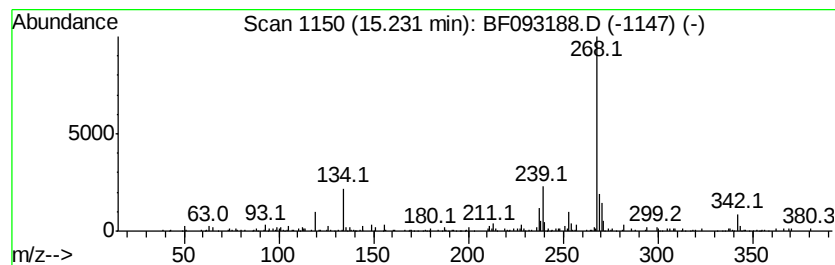
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	6.31 ng	252105	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	68
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	58
4		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	52
5		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	50



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093188.D
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Misc :
ALS Vial : 41 Sample Multiplier: 1

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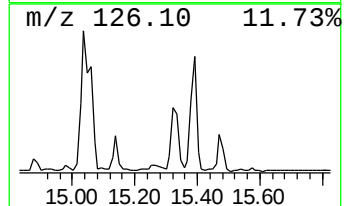
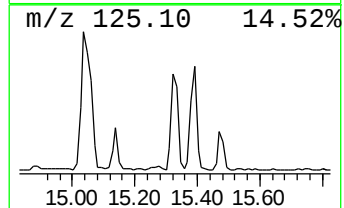
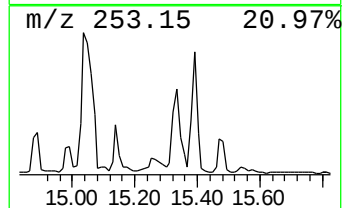
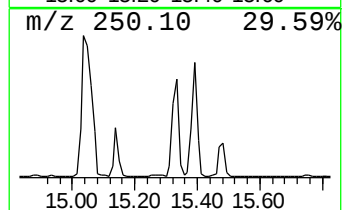
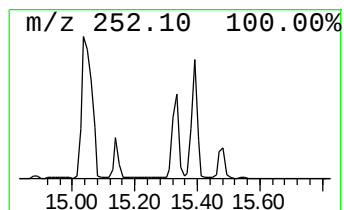
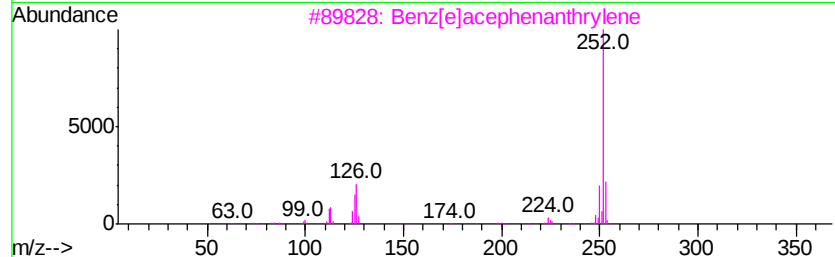
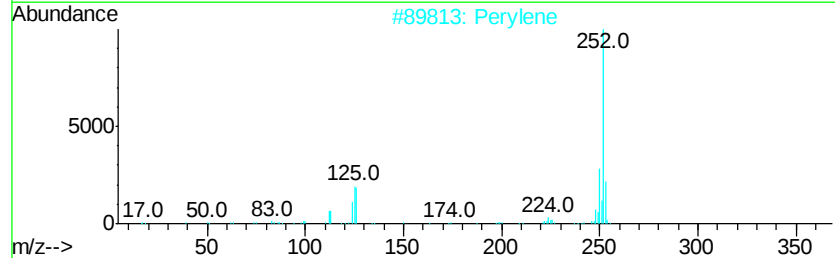
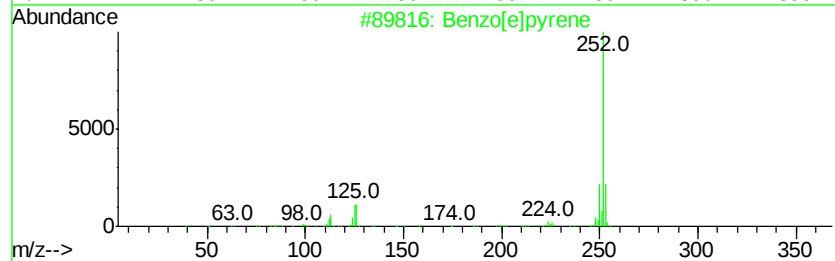
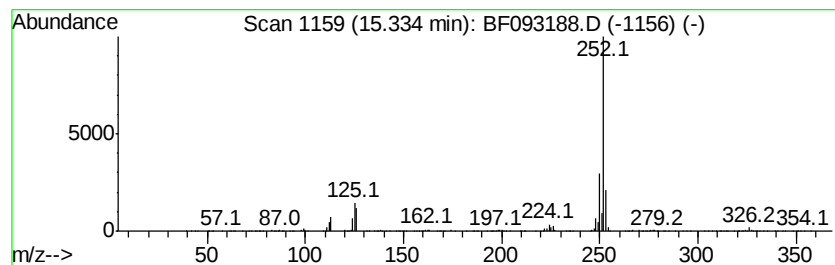
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	33.11 ng	1322430	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Perylene	252	C20H12	000198-55-0	97
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	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
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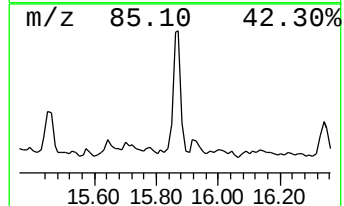
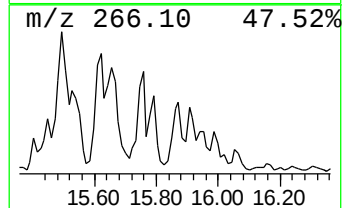
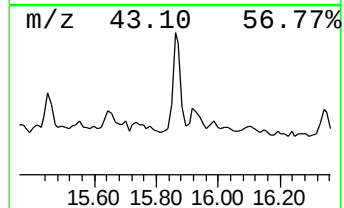
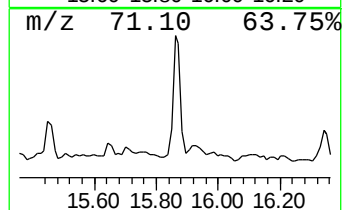
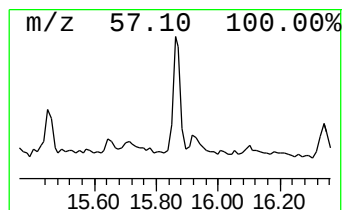
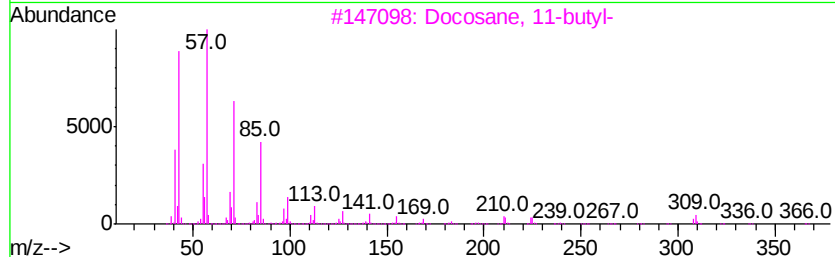
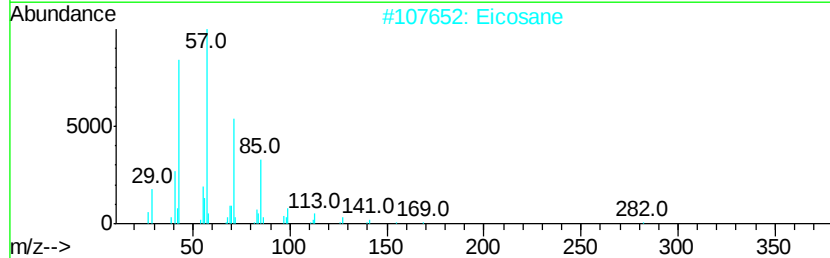
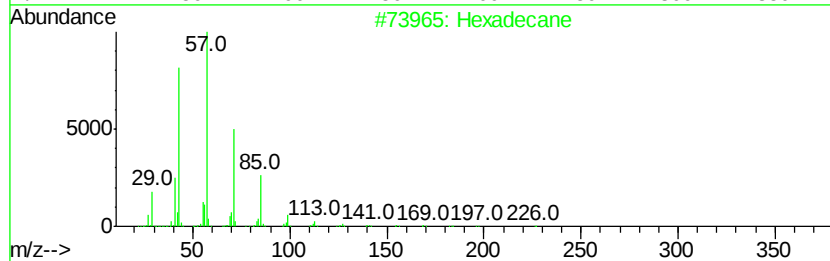
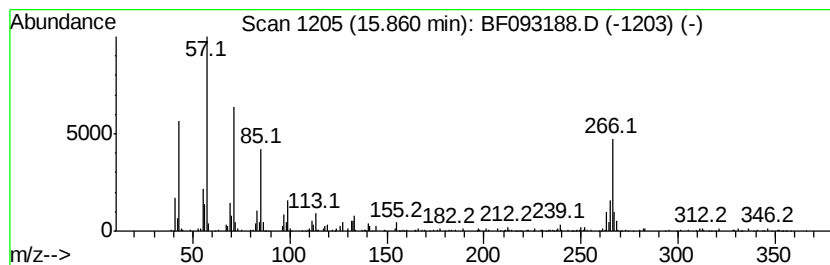
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.86	6.80 ng	271639	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	89
2	Eicosane	282	C20H42	000112-95-8	70
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	70
4	Nonadecane	268	C19H40	000629-92-5	70
5	Docosane, 9-butyl-	366	C26H54	055282-14-9	70



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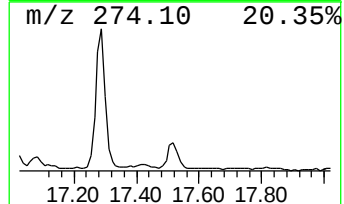
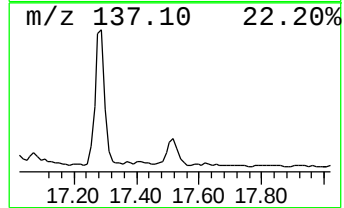
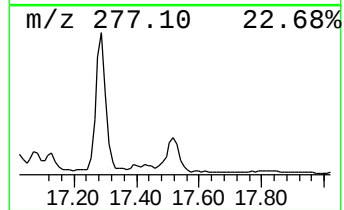
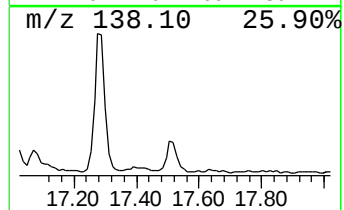
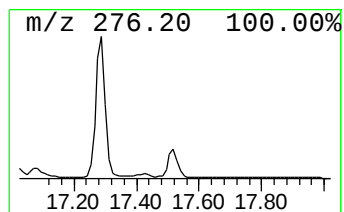
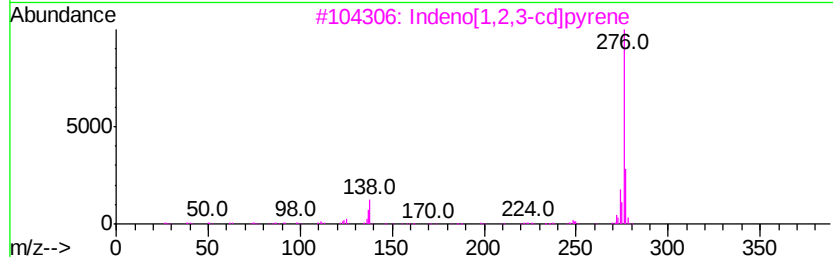
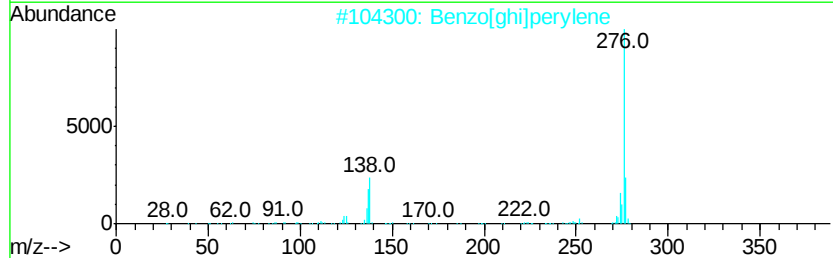
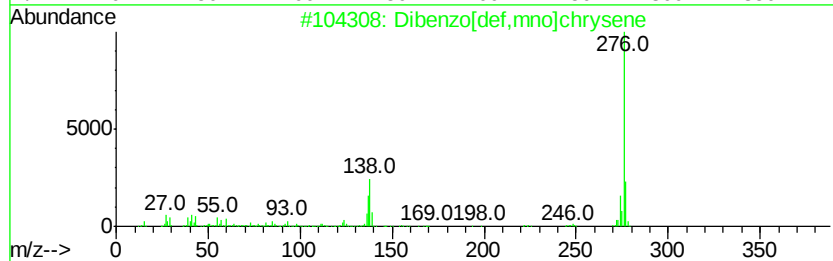
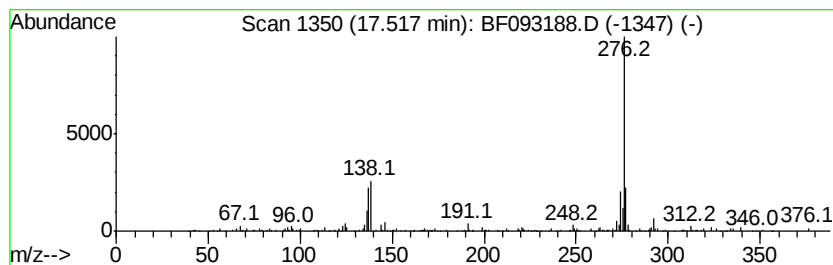
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.52	8.36 ng	334050	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	92
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	68
5		1-Naphthalenecarboxylic acid, 2-...	276	C18H12O3	038119-11-8	43



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ClientSampleId :
E2-B1-SW-2

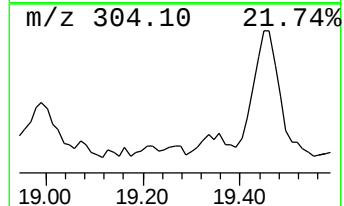
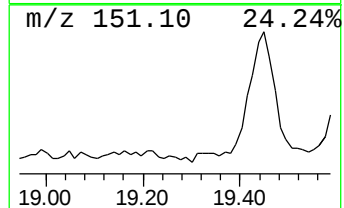
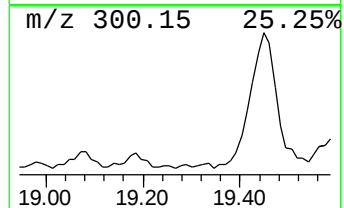
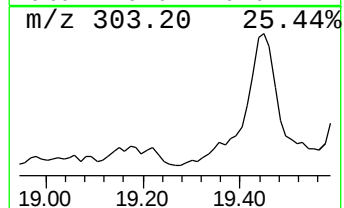
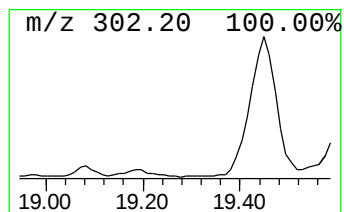
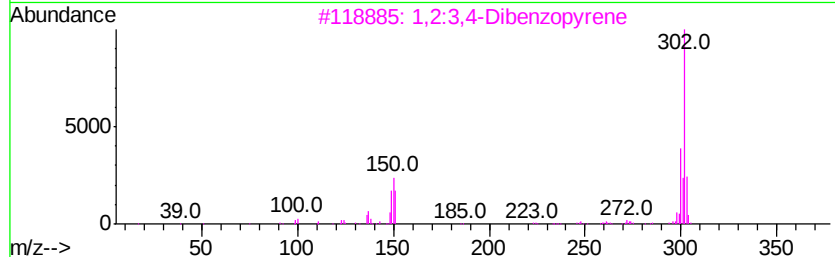
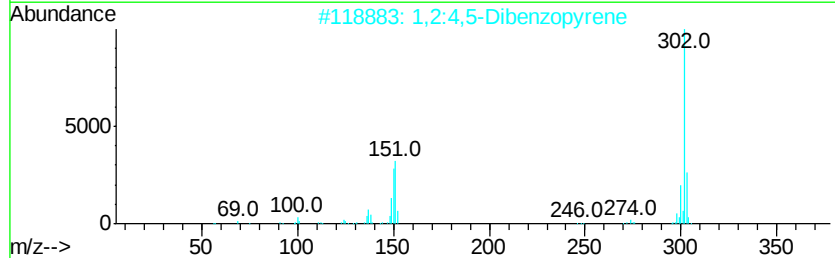
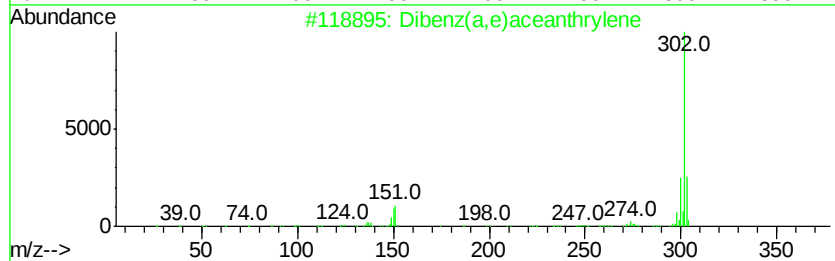
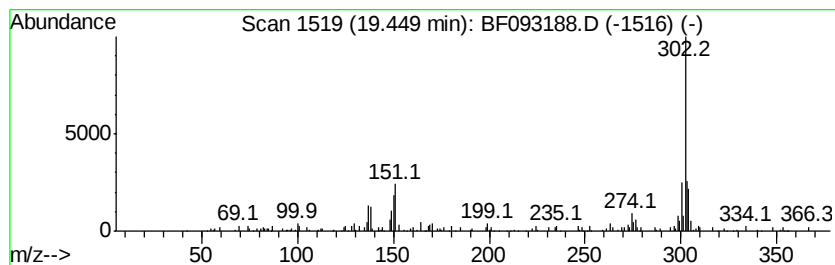
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.45	7.86 ng	313985	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	94
2			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	86
3			1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	83
4			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	70
5			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
 Data File : BF093188.D
 Acq On : 25 Feb 2017 13:04
 Operator : SJ/MA
 Sample : I1972-15
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1-SW-2

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	36.6	ng	1722920	1	6.83	940672	20.0
unknown6.60	6.60	75.7	ng	3561220	1	6.83	940672	20.0
Bicyclo[2.2.1]hep...	8.69	4.7	ng	301537	2	8.12	1292680	20.0
Dodecane	10.79	5.8	ng	394918	4	11.37	1374190	20.0
Phenanthrene, 2-m...	11.87	5.7	ng	389597	4	11.37	1374190	20.0
4H-Cyclopenta[def...	11.97	12.8	ng	879947	4	11.37	1374190	20.0
2-Phenylnaphthalene	12.16	4.4	ng	301025	4	11.37	1374190	20.0
Phenanthrene, 2,5...	12.42	5.5	ng	376533	4	11.37	1374190	20.0
Phenanthrene, 3,6...	12.45	5.6	ng	383434	4	11.37	1374190	20.0
Cyclopenta(def)ph...	12.51	5.0	ng	343487	4	11.37	1374190	20.0
Fluoranthene, 2-m...	13.14	4.5	ng	799244	5	14.01	3586870	20.0
Anthracene, 9-phe...	14.88	8.4	ng	334023	6	15.45	798856	20.0
Dinaphtho[1,2-b:1...	15.23	6.3	ng	252105	6	15.45	798856	20.0
Benzo[e]pyrene	15.33	33.1	ng	1322430	6	15.45	798856	20.0
Hexadecane	15.86	6.8	ng	271639	6	15.45	798856	20.0
Dibenzo[def,mno]c...	17.52	8.4	ng	334050	6	15.45	798856	20.0
Dibenz(a,e)aceant...	19.45	7.9	ng	313985	6	15.45	798856	20.0