

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093223.D
 Acq On : 27 Feb 2017 23:51
 Operator : SJ/MA
 Sample : I1997-12
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-B1E-SSW-1

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	4.978	251	253	268	rBV	1116179	1825441	40.94%	2.494%
2	5.424	289	292	294	rBV	3897060	4058378	91.01%	5.545%
3	6.476	380	384	386	rBV	3089529	4459202	100.00%	6.092%
4	6.590	391	394	396	rBV	4099246	3917587	87.85%	5.352%
5	6.819	412	414	416	rBV	1046276	1041123	23.35%	1.422%
6	6.967	425	427	430	rBV	2266397	2850683	63.93%	3.895%
7	7.390	461	464	466	rBV	2519385	2878852	64.56%	3.933%
8	8.099	524	526	531	rBV2	1416267	1551389	34.79%	2.119%
9	8.819	587	589	591	rBV	89838	109084	2.45%	0.149%
10	8.910	595	597	600	rVB	108005	99813	2.24%	0.136%
11	9.185	618	621	623	rBV	2892659	3914293	87.78%	5.348%
12	9.276	625	629	632	rVB3	58352	90751	2.04%	0.124%
13	9.436	641	643	646	rBV	54497	82663	1.85%	0.113%
14	9.516	648	650	651	rVV	144018	142132	3.19%	0.194%
15	9.573	653	655	658	rVV	985675	1084005	24.31%	1.481%
16	9.630	658	660	665	rVB	77904	97616	2.19%	0.133%
17	9.722	665	668	669	rBV	123695	165656	3.71%	0.226%
18	9.859	677	680	681	rVV	1386358	1470670	32.98%	2.009%
19	9.882	681	682	684	rVB	231006	287246	6.44%	0.392%
20	10.065	695	698	700	rVV	140776	201952	4.53%	0.276%
21	10.259	713	715	716	rBV	76534	88609	1.99%	0.121%
22	10.282	716	717	721	rVB2	119351	134342	3.01%	0.184%
23	10.396	726	727	730	rVB	236042	332943	7.47%	0.455%
24	10.465	730	733	734	rBV	62639	99884	2.24%	0.136%
25	10.488	734	735	740	rVV3	70367	126689	2.84%	0.173%
26	10.556	740	741	743	rVB	98591	95266	2.14%	0.130%
27	10.648	746	749	752	rBV	2112627	2146235	48.13%	2.932%
28	10.762	757	759	763	rVB2	161112	241949	5.43%	0.331%
29	10.853	763	767	770	rBV5	36564	85746	1.92%	0.117%
30	10.945	772	775	777	rBV3	101229	202834	4.55%	0.277%
31	11.082	784	787	791	rBV4	78157	199097	4.46%	0.272%
32	11.150	791	793	795	rVB	101011	82167	1.84%	0.112%
33	11.208	795	798	799	rBV2	163156	223826	5.02%	0.306%
34	11.242	799	801	804	rVB	153577	209154	4.69%	0.286%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
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35	11.345	807	810	811	rBV	1351402	1640693	36.79%	2.241%
36	11.368	811	812	814	rVV	2957837	2246294	50.37%	3.069%
37	11.413	814	816	818	rVB	647065	705923	15.83%	0.964%
38	11.459	818	820	821	rBV2	61633	88960	1.99%	0.122%
39	11.573	827	830	834	rBV2	194097	327498	7.34%	0.447%
40	11.631	834	835	837	rVV	179375	194688	4.37%	0.266%
41	11.676	837	839	841	rVB2	62539	87965	1.97%	0.120%
42	11.848	851	854	855	rBV	347410	438268	9.83%	0.599%
43	11.871	855	856	858	rVB	565158	468585	10.51%	0.640%
44	11.916	858	860	862	rBV2	224308	268407	6.02%	0.367%
45	11.951	862	863	868	rVB	642989	1111180	24.92%	1.518%
46	12.042	868	871	873	rBV3	99645	173845	3.90%	0.238%
47	12.133	877	879	881	rVV	228685	293019	6.57%	0.400%
48	12.168	881	882	884	rVV	135872	113125	2.54%	0.155%
49	12.282	890	892	894	rBV2	89815	154645	3.47%	0.211%
50	12.396	899	902	903	rBV	268472	345331	7.74%	0.472%
51	12.431	903	905	908	rVB2	254969	360009	8.07%	0.492%
52	12.488	908	910	914	rVB2	166781	244522	5.48%	0.334%
53	12.556	914	916	918	rBV	2822655	3012867	67.57%	4.116%
54	12.625	918	922	923	rVB2	68844	128358	2.88%	0.175%
55	12.705	926	929	931	rBV2	154747	222605	4.99%	0.304%
56	12.785	933	936	939	rVV	2690266	3511596	78.75%	4.798%
57	12.831	939	940	943	rVB2	148264	198001	4.44%	0.271%
58	12.933	946	949	951	rVV	2320914	2977003	66.76%	4.067%
59	13.002	952	955	957	rBV2	253975	429807	9.64%	0.587%
60	13.116	961	965	966	rVB	391039	653386	14.65%	0.893%
61	13.174	966	970	972	rBV2	218760	410507	9.21%	0.561%
62	13.219	972	974	977	rVV3	323206	428445	9.61%	0.585%
63	13.311	980	982	983	rBV	234440	211449	4.74%	0.289%
64	13.345	983	985	986	rBV	159550	225900	5.07%	0.309%
65	13.494	996	998	1001	rBV3	96643	228419	5.12%	0.312%
66	13.619	1005	1009	1012	rBV2	158548	303525	6.81%	0.415%
67	13.734	1016	1019	1020	rBV	199336	266435	5.97%	0.364%
68	13.756	1020	1021	1022	rVV	258635	201082	4.51%	0.275%
69	13.779	1022	1023	1024	rVV	182893	192846	4.32%	0.263%
70	13.825	1025	1027	1031	rVB3	323072	525662	11.79%	0.718%
71	13.905	1031	1034	1037	rBV2	43104	124584	2.79%	0.170%

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72	13.985	1037	1041	1047	rBV3	1603594	4078186	91.46%	5.572%
73	14.088	1048	1050	1052	rVV	310624	270606	6.07%	0.370%
74	14.134	1053	1054	1057	rVV2	99114	183045	4.10%	0.250%
75	14.214	1059	1061	1062	rVB2	109153	103513	2.32%	0.141%
76	14.328	1070	1071	1072	rVV	85272	92003	2.06%	0.126%
77	14.374	1072	1075	1076	rVV	230489	349579	7.84%	0.478%
78	14.396	1076	1077	1079	rVV	97330	145590	3.26%	0.199%
79	14.442	1079	1081	1084	rVV3	137438	316979	7.11%	0.433%
80	14.511	1084	1087	1089	rVV3	142255	309503	6.94%	0.423%
81	14.568	1089	1092	1095	rVB3	78439	150006	3.36%	0.205%
82	14.682	1100	1102	1106	rBV4	105744	180330	4.04%	0.246%
83	14.854	1115	1117	1120	rBV	115603	144004	3.23%	0.197%
84	15.002	1127	1130	1134	rBV	1002828	2184300	48.98%	2.984%
85	15.105	1137	1139	1141	rVV	235519	267483	6.00%	0.365%
86	15.208	1145	1148	1149	rBV2	59731	127967	2.87%	0.175%
87	15.242	1149	1151	1153	rVV2	78633	134332	3.01%	0.184%
88	15.288	1153	1155	1158	rVV	567449	877059	19.67%	1.198%
89	15.357	1158	1161	1163	rVV	1001888	1239693	27.80%	1.694%
90	15.414	1163	1166	1167	rVV	748258	925021	20.74%	1.264%
91	15.437	1167	1168	1172	rVB2	291064	409209	9.18%	0.559%
92	15.825	1199	1202	1204	rBV	72918	122469	2.75%	0.167%
93	15.871	1204	1206	1208	rVV2	46215	95221	2.14%	0.130%
94	15.939	1210	1212	1214	rVB	57916	78987	1.77%	0.108%
95	16.808	1284	1288	1292	rBV	416913	826607	18.54%	1.129%
96	16.968	1299	1302	1304	rBV	83758	149636	3.36%	0.204%
97	17.025	1304	1307	1309	rVB2	55920	106077	2.38%	0.145%
98	17.231	1321	1325	1329	rVB	338975	696205	15.61%	0.951%
99	17.460	1341	1345	1351	rVB	96895	294130	6.60%	0.402%
100	19.368	1508	1512	1517	rVB2	72961	225886	5.07%	0.309%

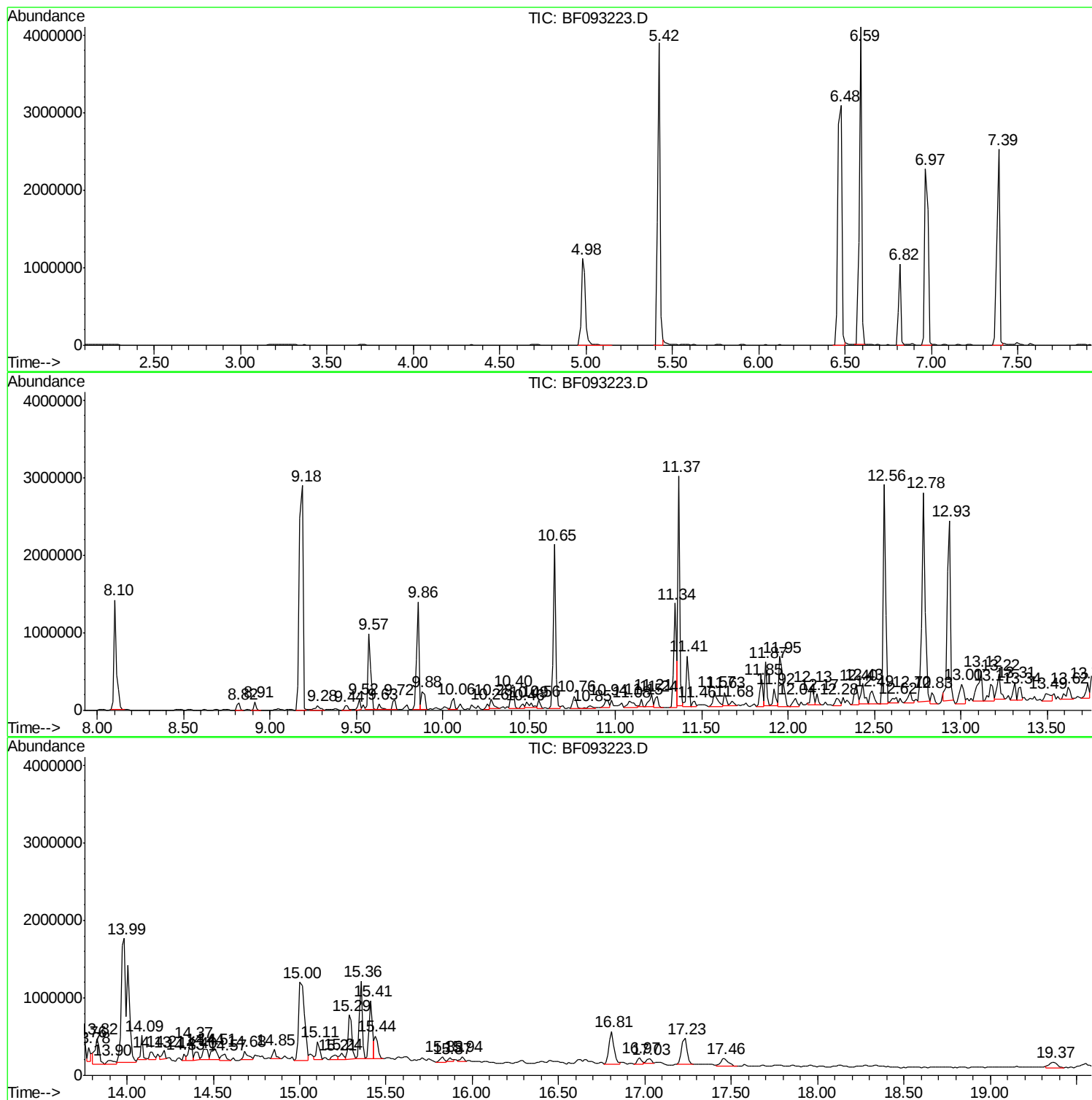
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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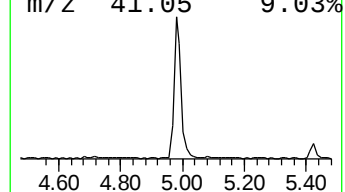
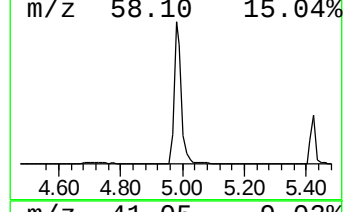
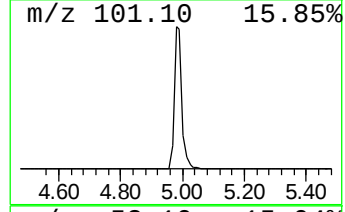
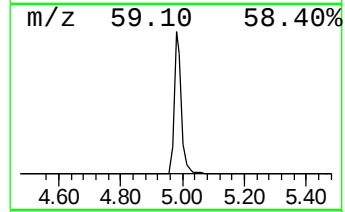
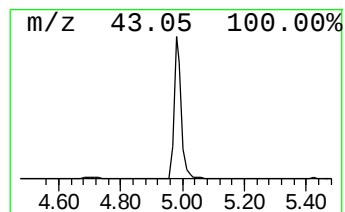
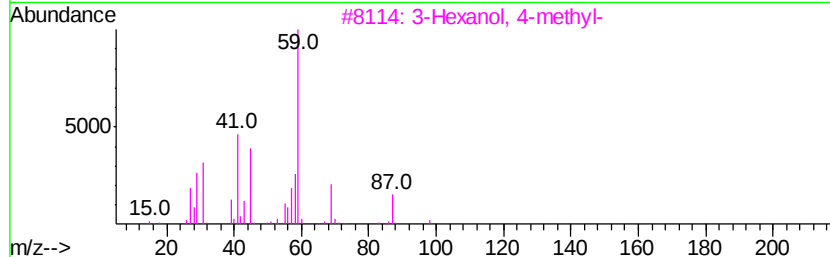
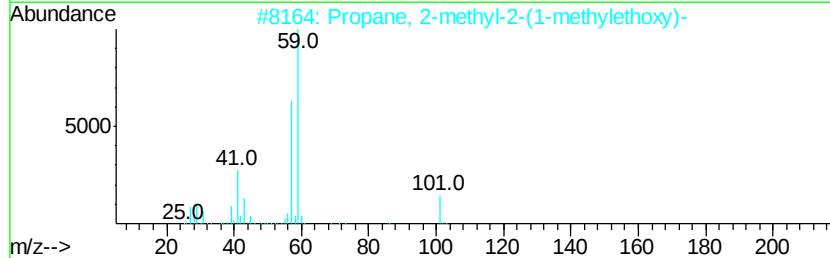
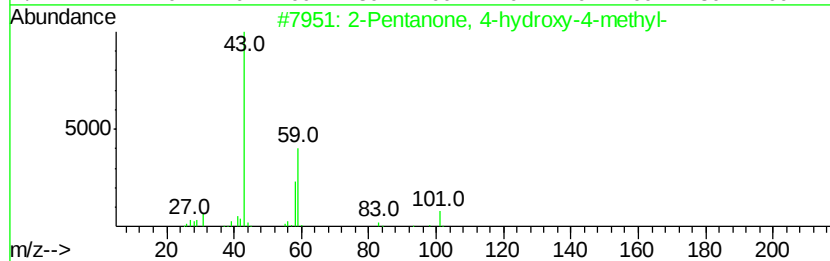
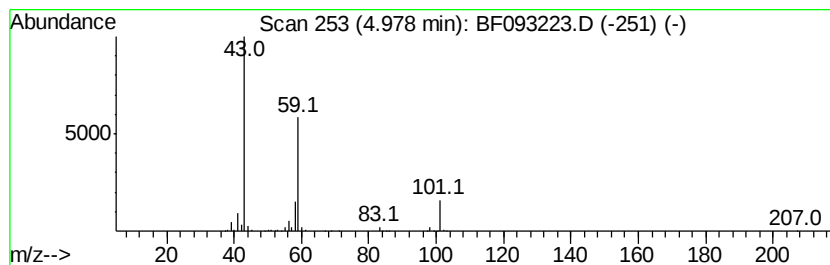
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
4.98	35.07 ng	1825440	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Propane, 2-methyl-2-(1-methylethoxy)-	116	C7H16O	017348-59-3	42
3		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	23



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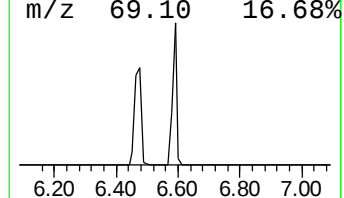
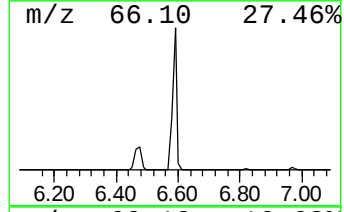
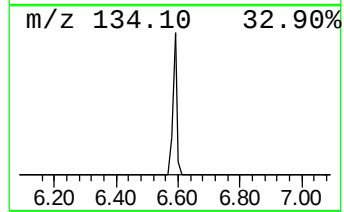
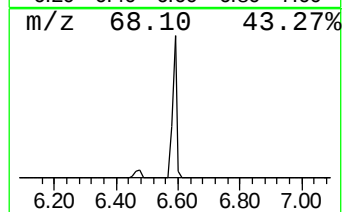
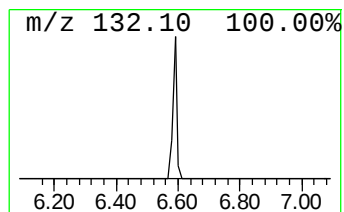
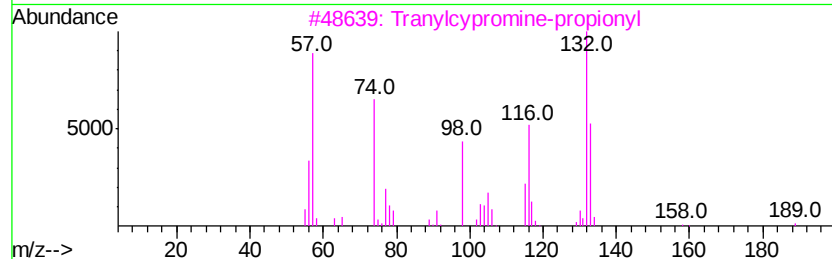
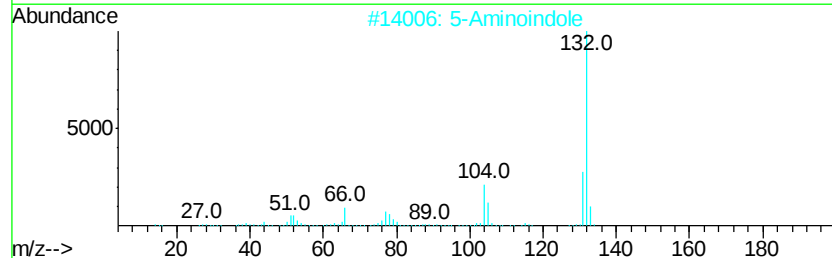
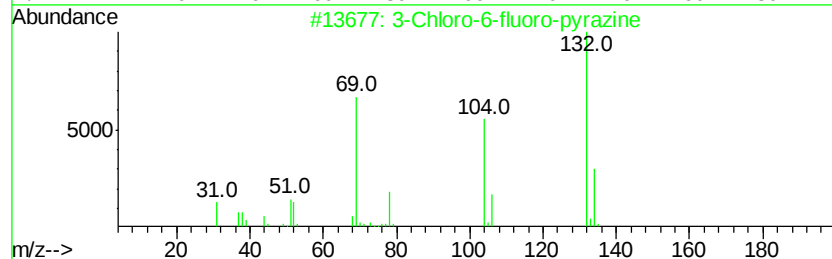
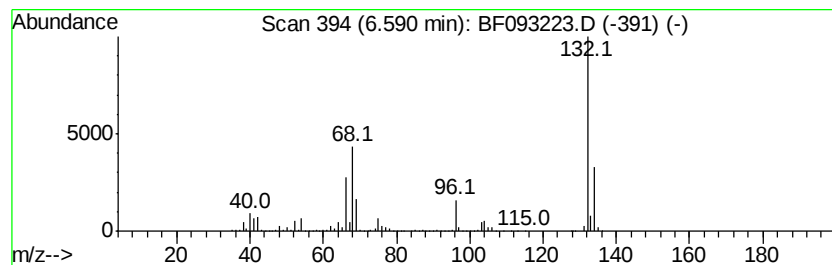
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	75.26 ng	3917590	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27	
2	5-Aminoindole	132	C8H8N2	005192-03-0	12	
3	Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10	
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9	
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9	



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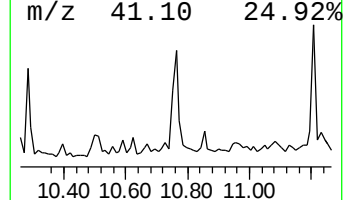
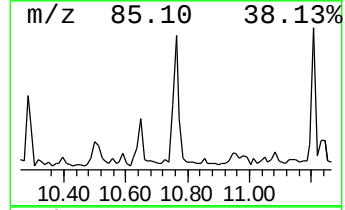
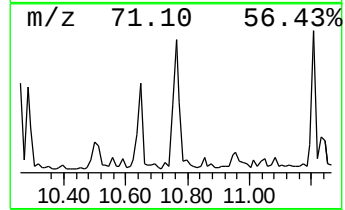
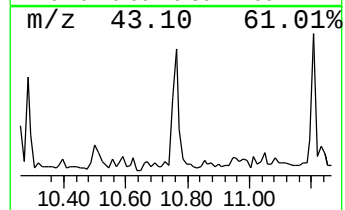
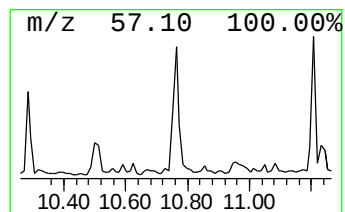
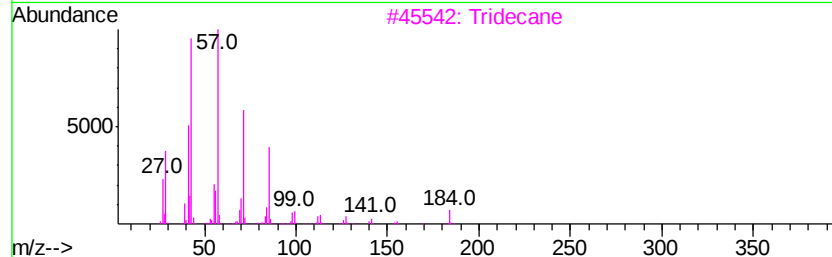
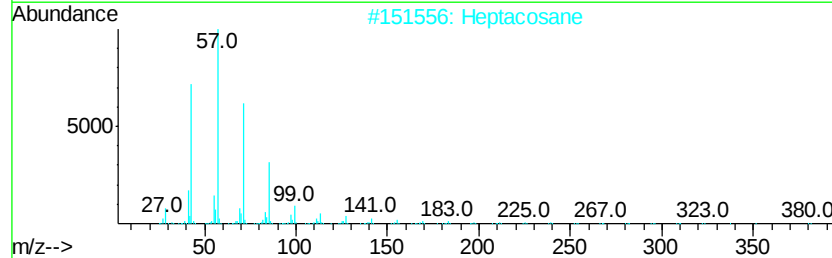
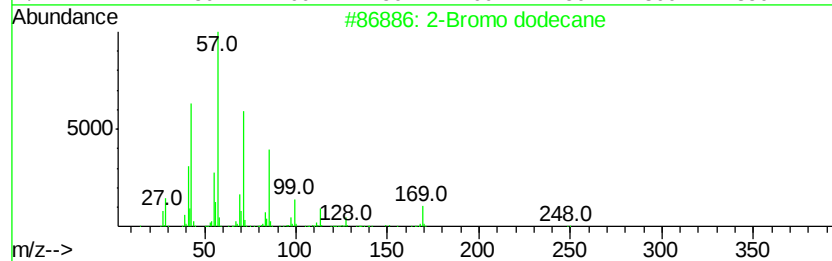
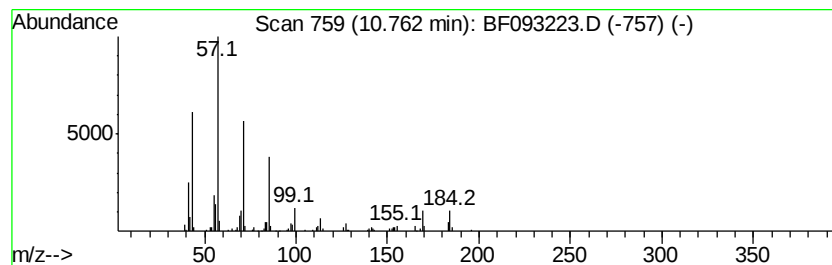
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TIC Integration Parameters: LSCINT.P

Peak Number 4 2-Bromo dodecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	2.95 ng	241949	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Bromo dodecane	248	C12H25Br	013187-99-0	80
2		Heptacosane	380	C27H56	000593-49-7	72
3		Tridecane	184	C13H28	000629-50-5	72
4		Eicosane	282	C20H42	000112-95-8	72
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

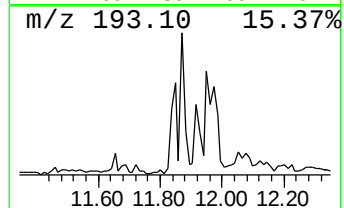
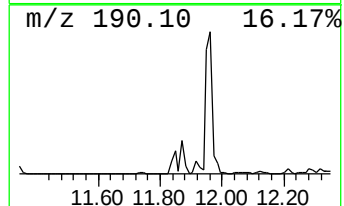
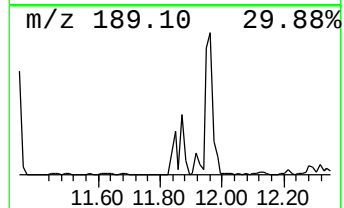
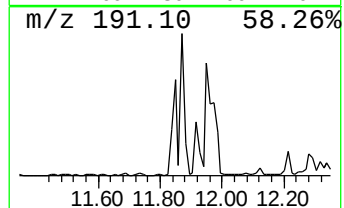
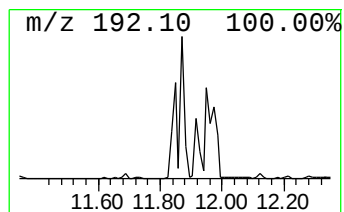
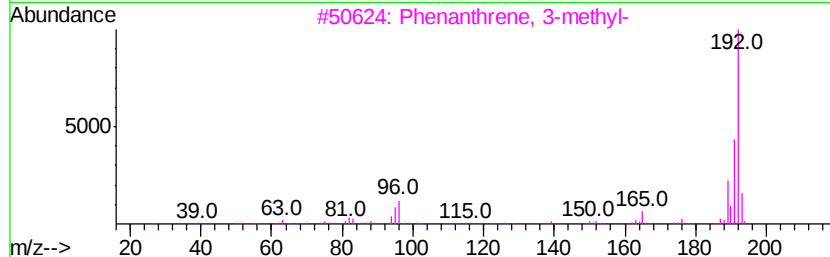
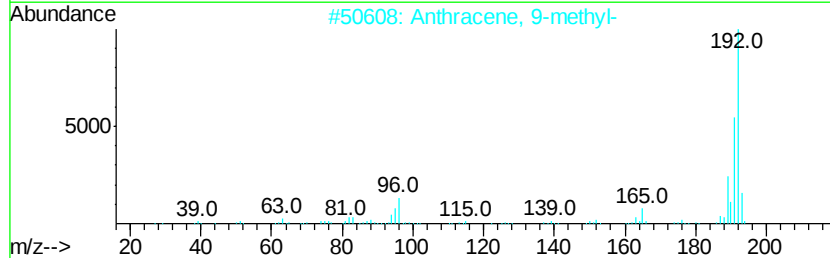
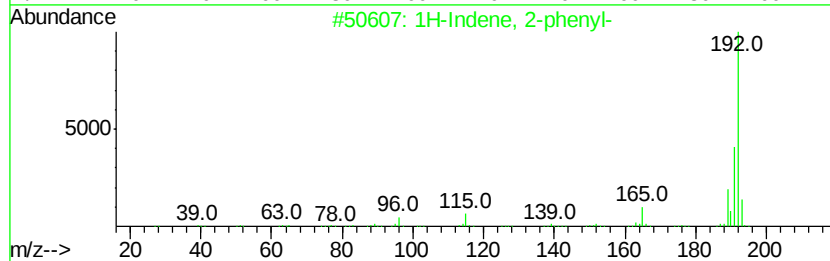
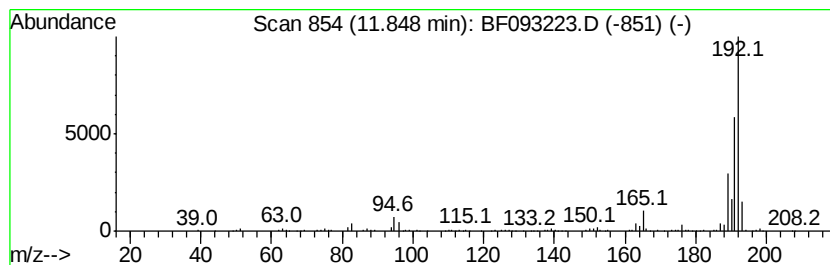
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	5.34 ng	438268	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
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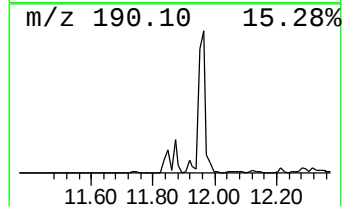
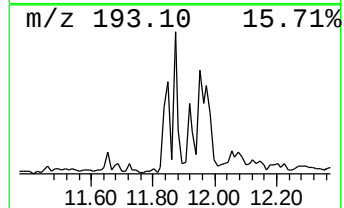
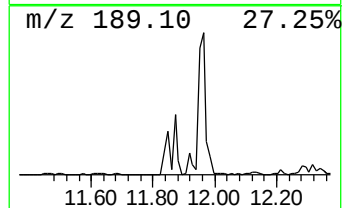
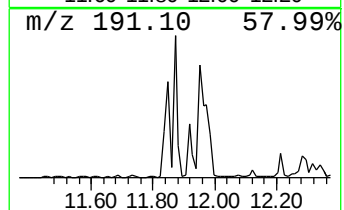
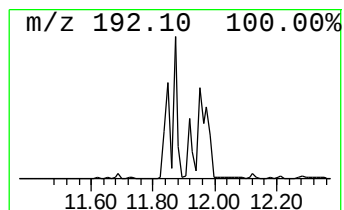
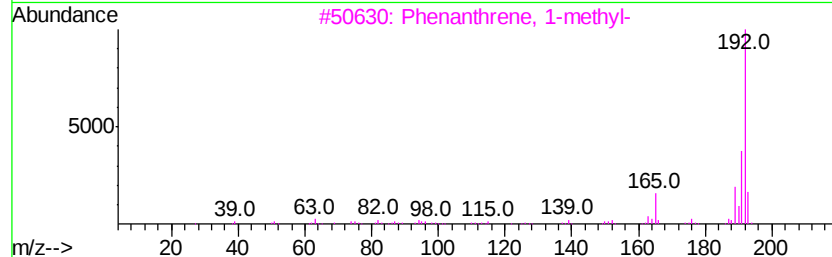
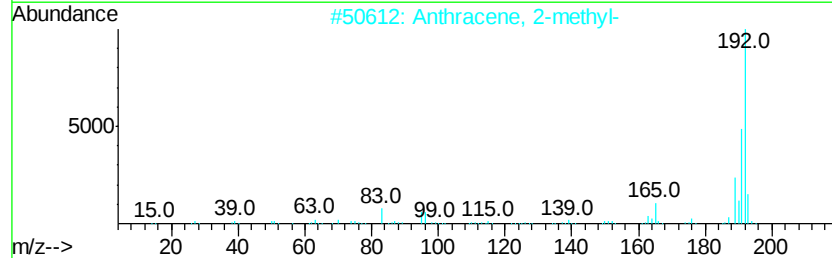
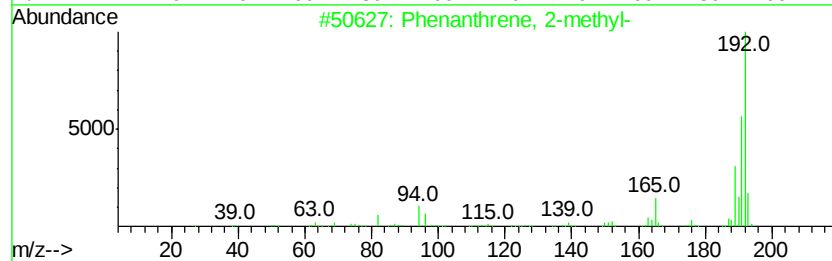
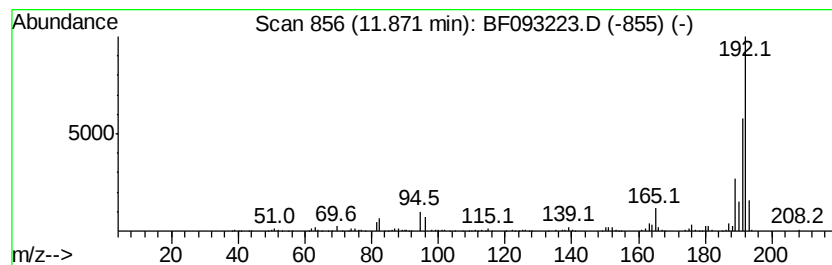
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ClientSampleId :
E2-B1E-SSW-1

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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.	
11.87	5.71 ng	468585	Phenanthrene-d10		11.34	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
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Instrument :
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ClientSampleId :
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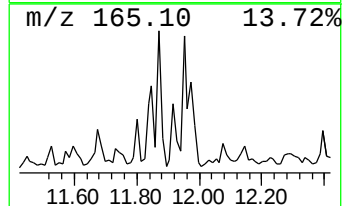
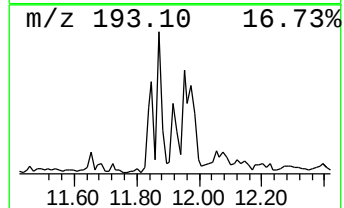
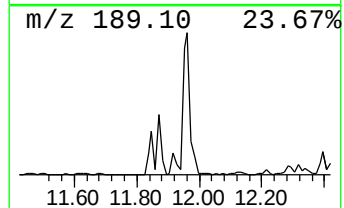
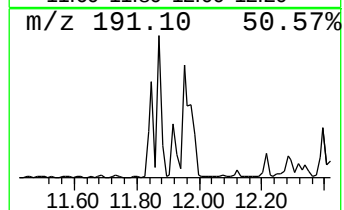
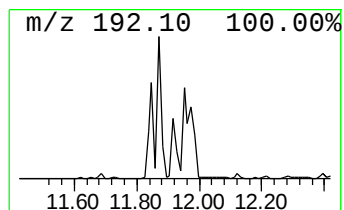
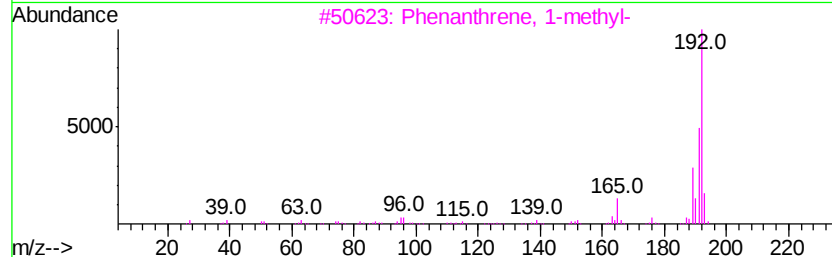
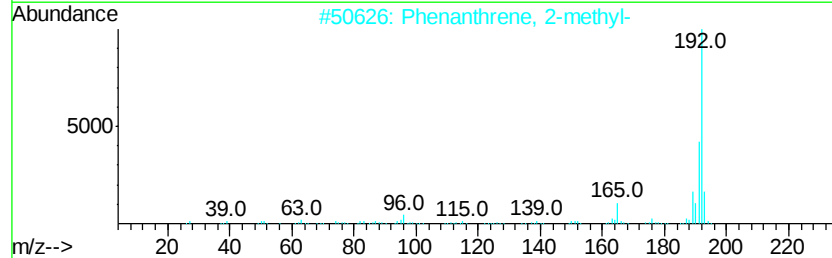
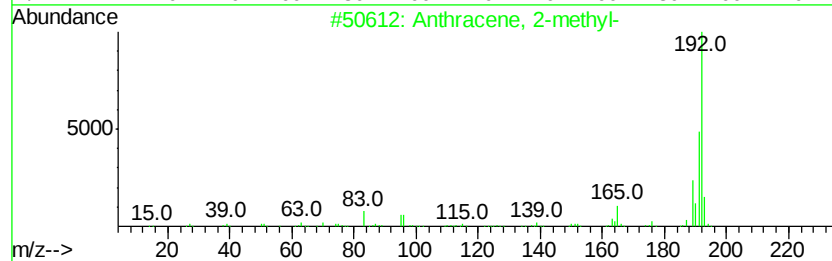
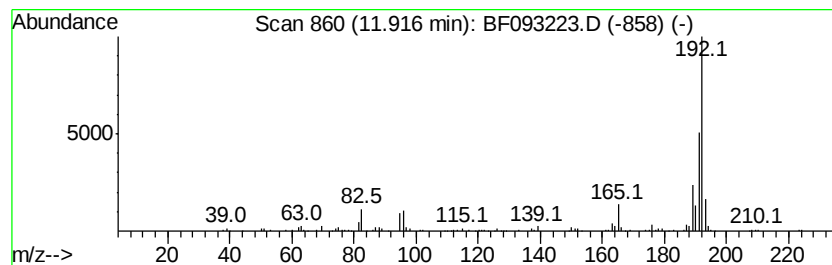
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	3.27 ng	268407	Phenanthrene-d10	11.34

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4			1H-Cyclopropa[1,1]phenanthrene, 1a,...	192	C15H12	000949-41-7	95
5			Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

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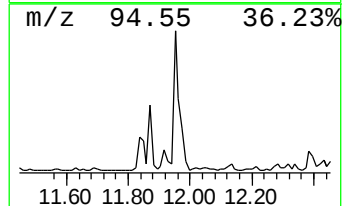
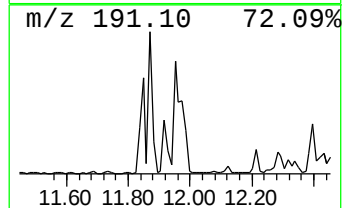
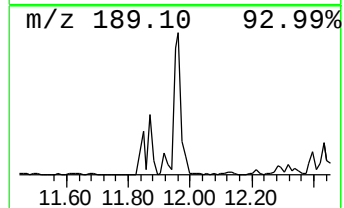
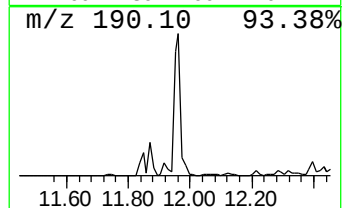
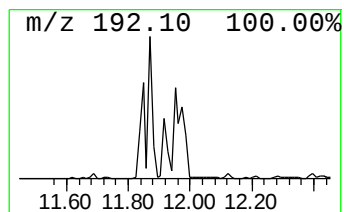
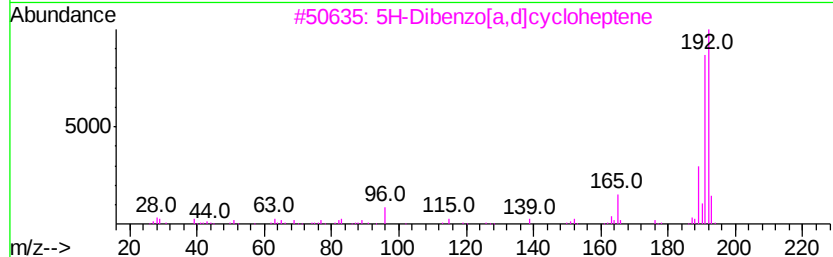
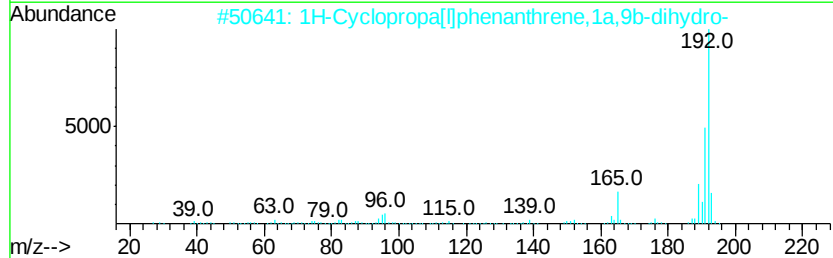
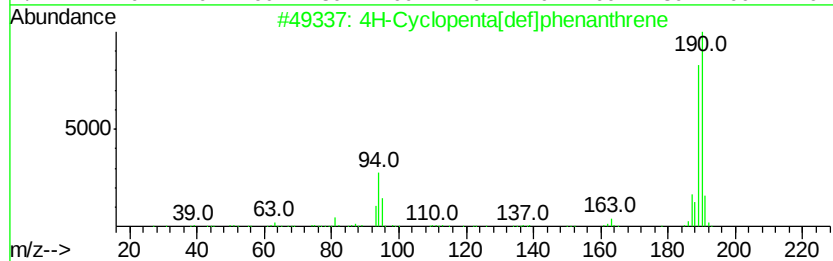
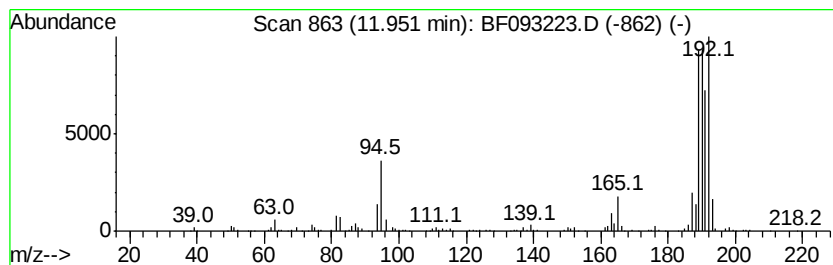
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	13.55 ng	1111180	Phenanthrene-d10	11.34

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2		1H-Cyclopropa[ll]phenanthrene,1a,...	192	C15H12	000949-41-7	46
3		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
5		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
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Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

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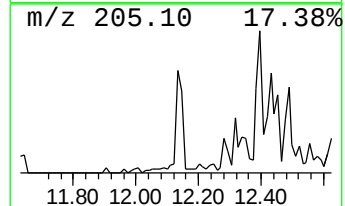
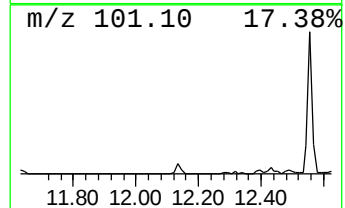
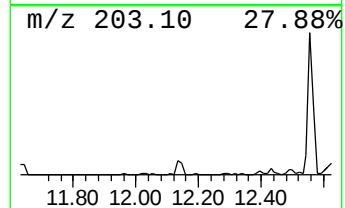
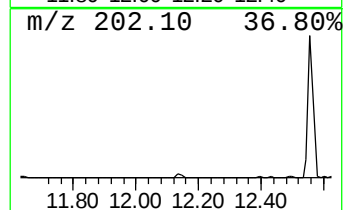
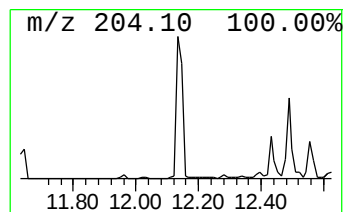
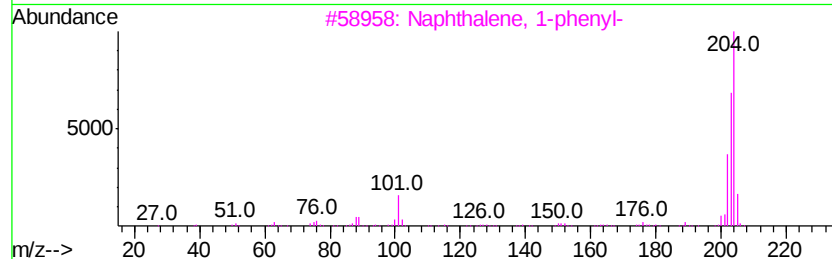
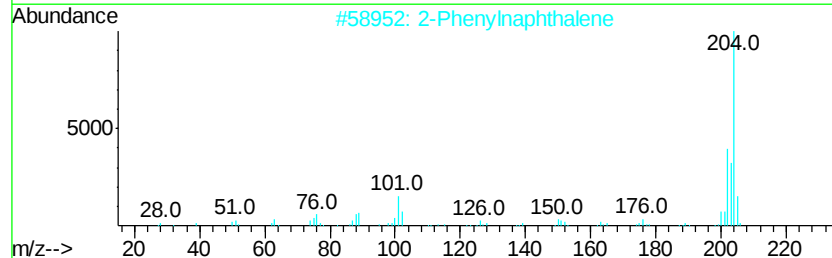
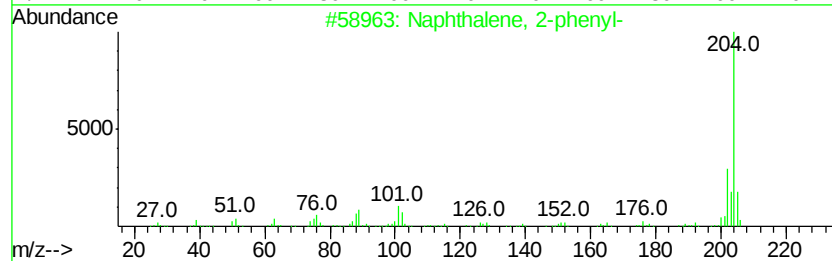
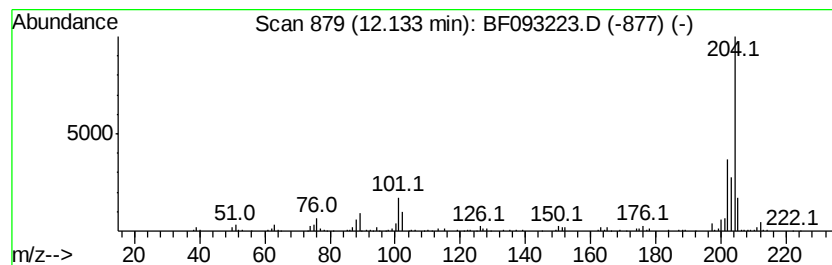
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	3.57 ng	293019	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2		2-Phenylnaphthalene	204	C16H12	035465-71-5	90
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	74
5		3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
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Misc :
ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
E2-B1E-SSW-1

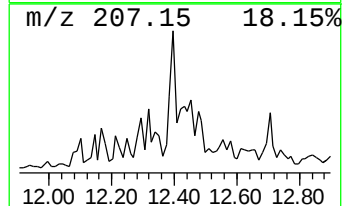
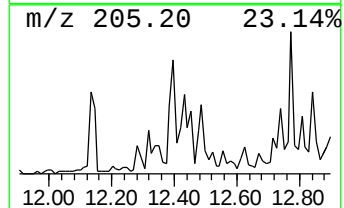
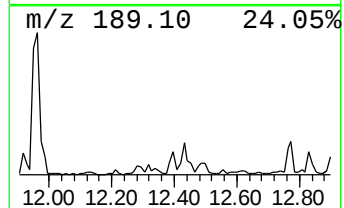
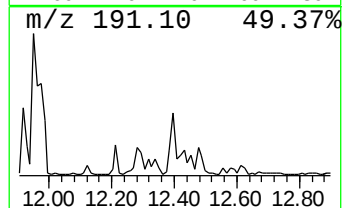
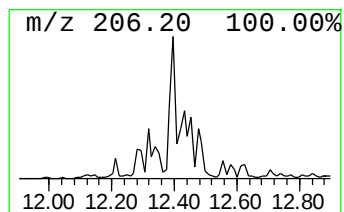
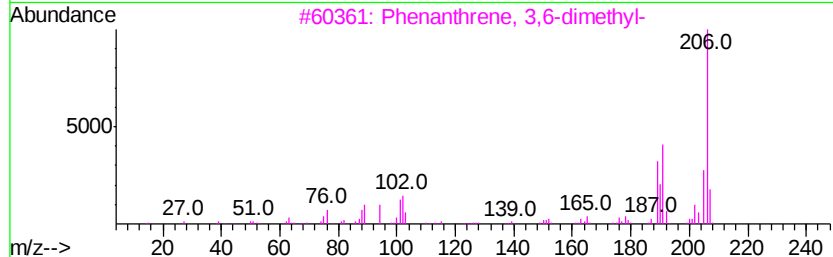
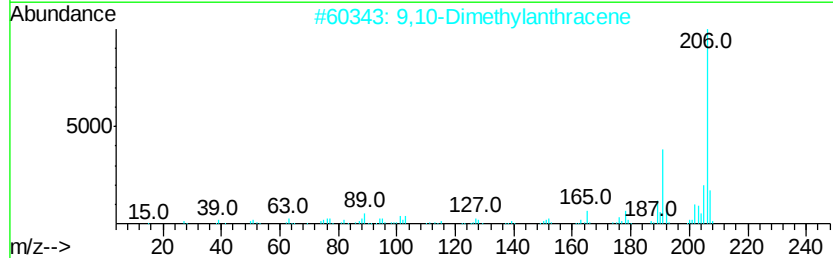
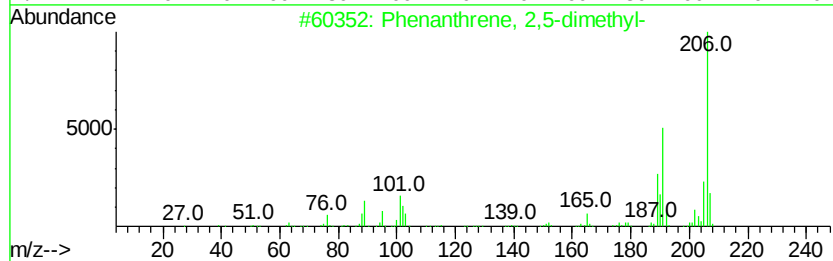
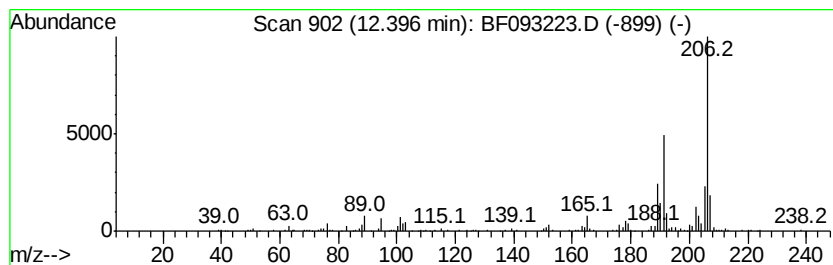
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	4.21 ng	345331	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2		9,10-Dimethylantracene	206	C16H14	000781-43-1	94
3		Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5		Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Acq On : 27 Feb 2017 23:51
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Misc :
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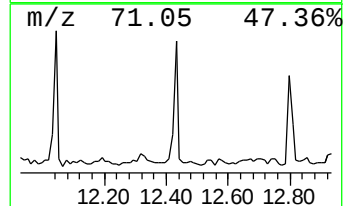
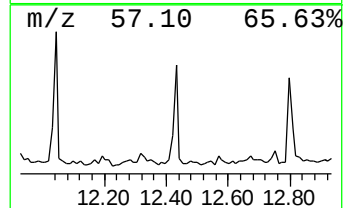
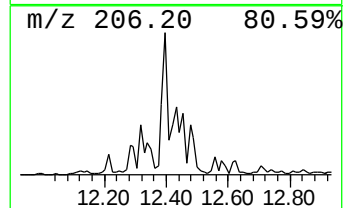
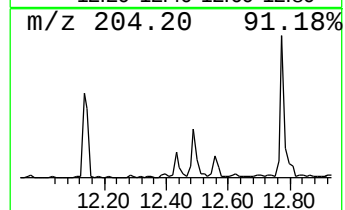
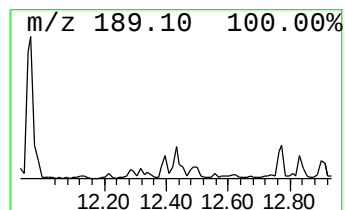
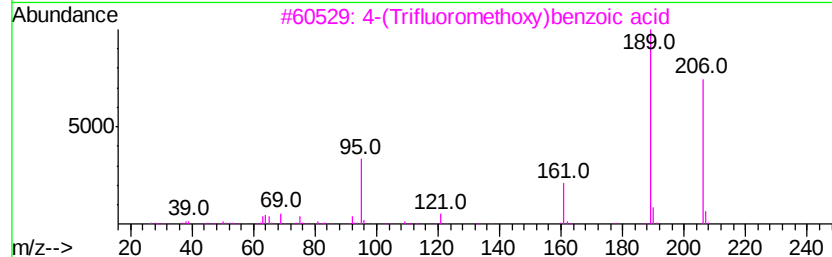
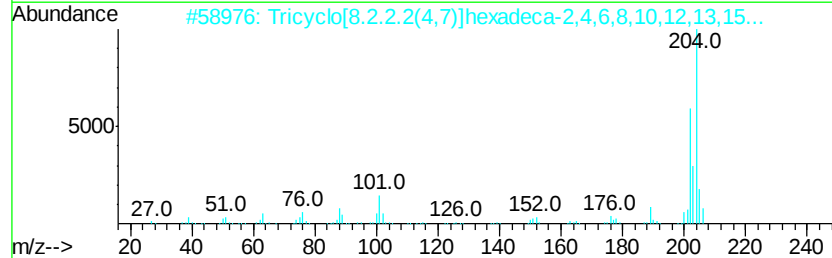
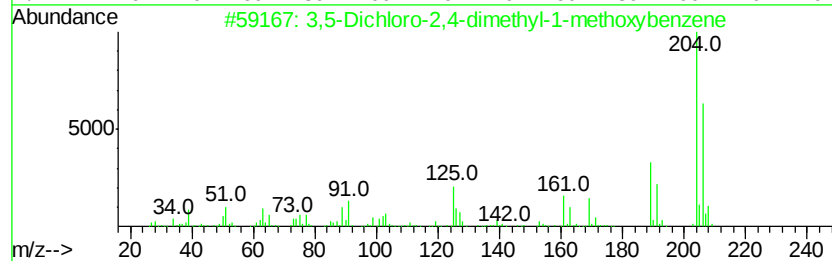
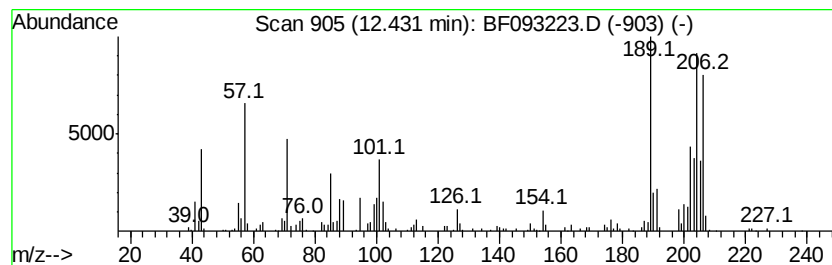
Instrument :
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ClientSampleId :
E2-B1E-SSW-1

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 11 unknown12.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	4.39 ng	360009	Phenanthrene-d10	11.34	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Dichloro-2,4-dimethyl-1-meth...	204	C9H10Cl2O	1000250-17-8	38
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30
3	4-(Trifluoromethoxy)benzoic acid	206	C8H5F3O3	000330-12-1	30
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	30
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	27



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093223.D
Acq On : 27 Feb 2017 23:51
Operator : SJ/MA
Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-B1E-SSW-1

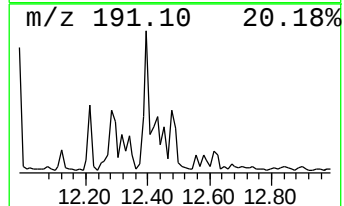
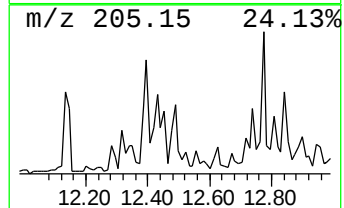
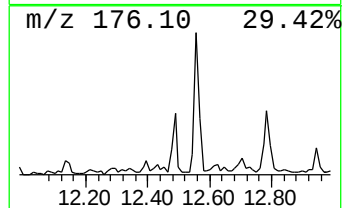
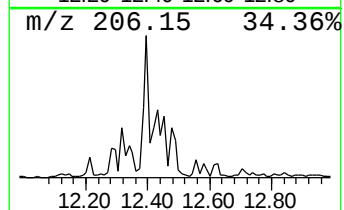
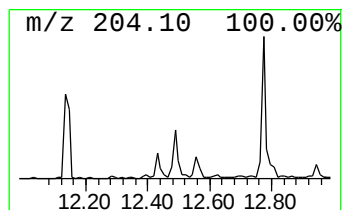
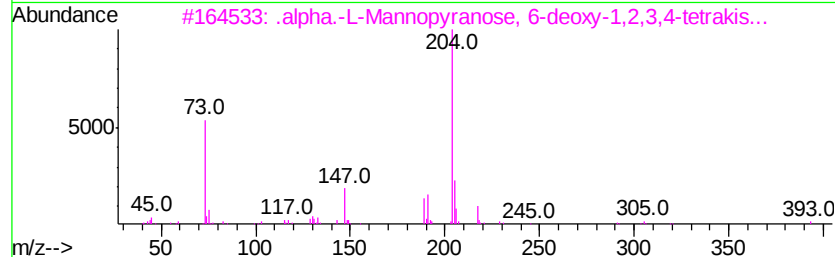
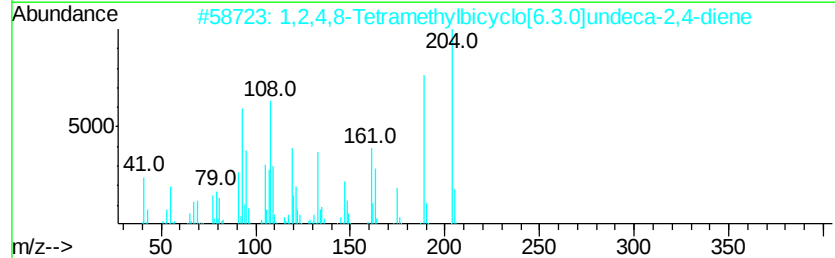
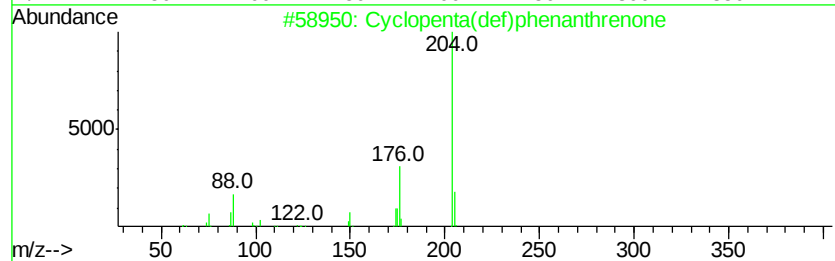
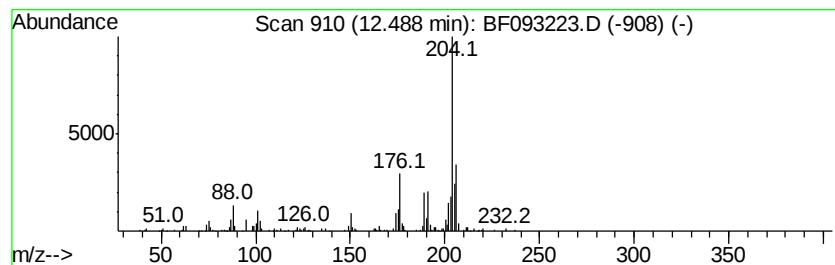
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.98 ng	244522	Phenanthrene-d10	11.34

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	60
3		.alpha.-L-Mannopyranose, 6-deoxy-1,2,3,4-tetrakis...	452	C18H44O5Si4	055057-21-1	53
4		[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Misc :
ALS Vial : 12 Sample Multiplier: 1

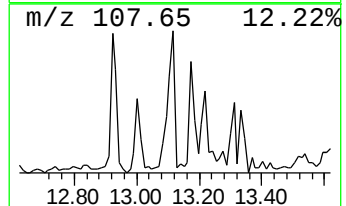
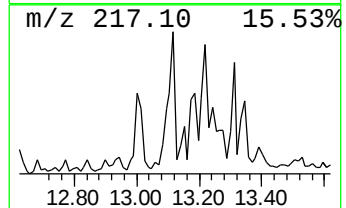
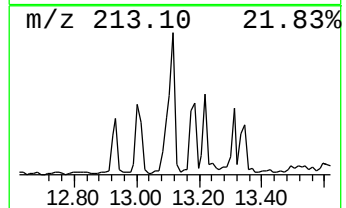
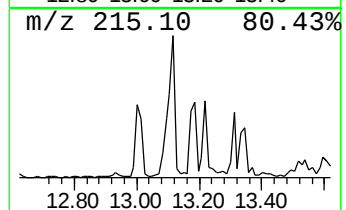
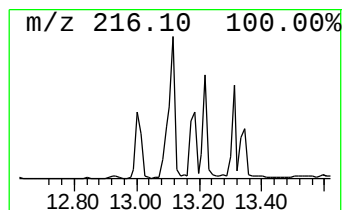
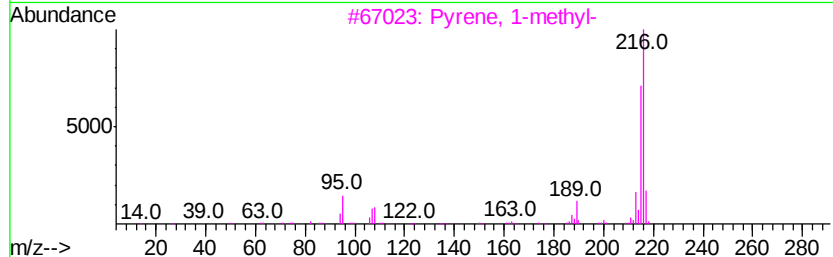
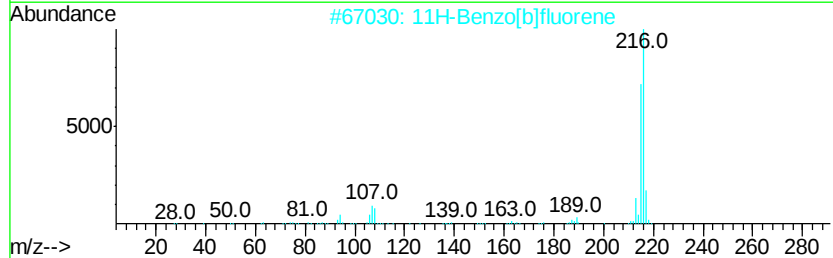
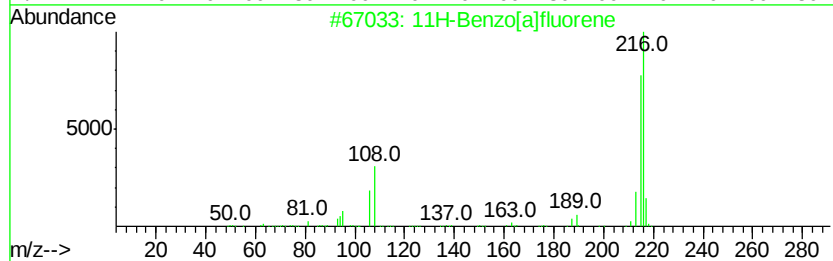
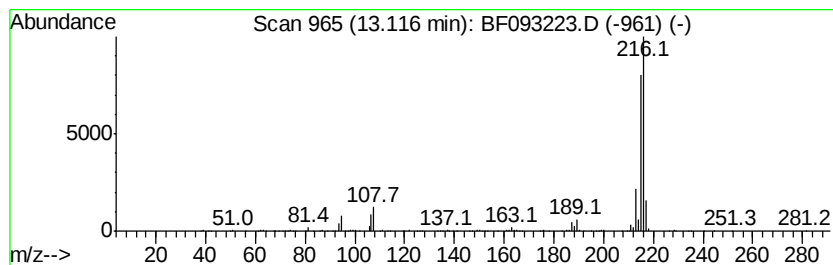
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ClientSampleId :
E2-B1E-SSW-1

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 13 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.12	3.20 ng	653386	Chrysene-d12	13.98		
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		Pvrene, 1-methyl-	216	C17H12	002381-21-7	93
4		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5		7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64



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ALS Vial : 12 Sample Multiplier: 1

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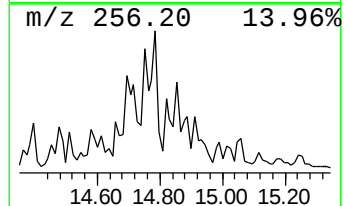
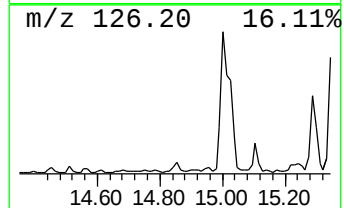
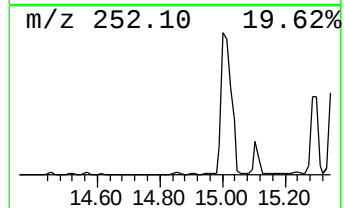
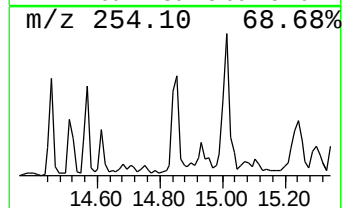
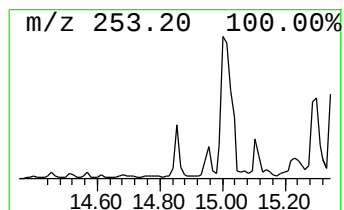
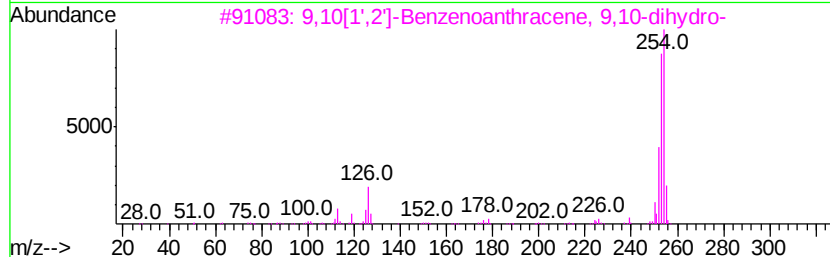
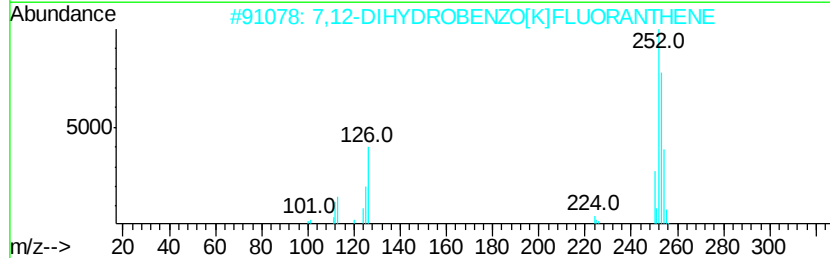
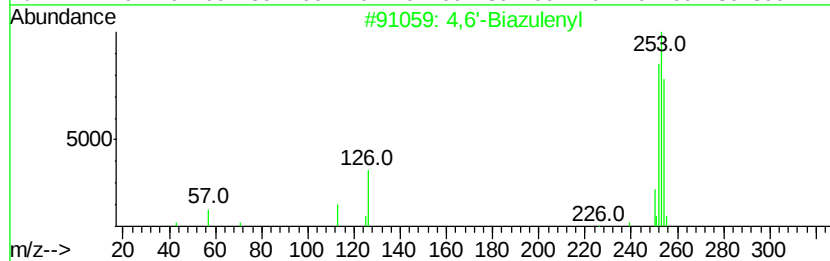
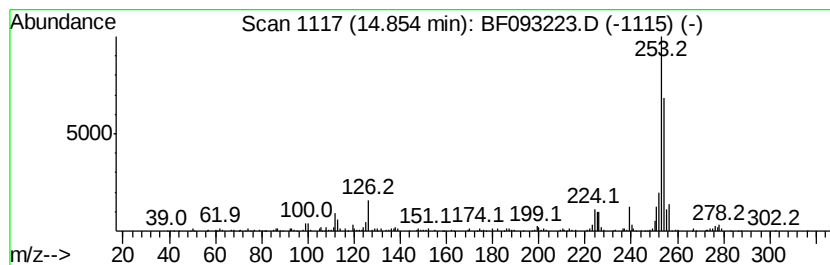
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,6'-Biazulenyl Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	3.11 ng	144004	Perylene-d12	15.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4,6'-Biazulenyl	254	C20H14	094154-49-1	76
2			7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	64
3			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	50
4			4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	46
5			1,1'-Binaphthalene	254	C20H14	000604-53-5	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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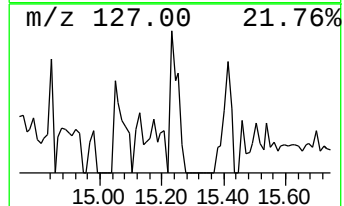
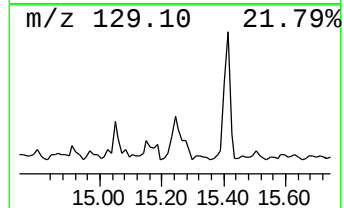
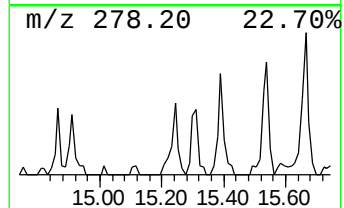
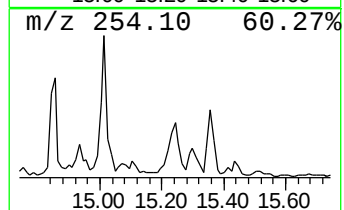
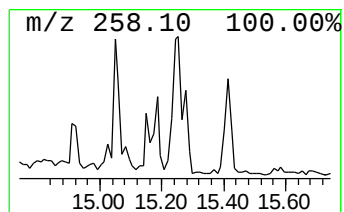
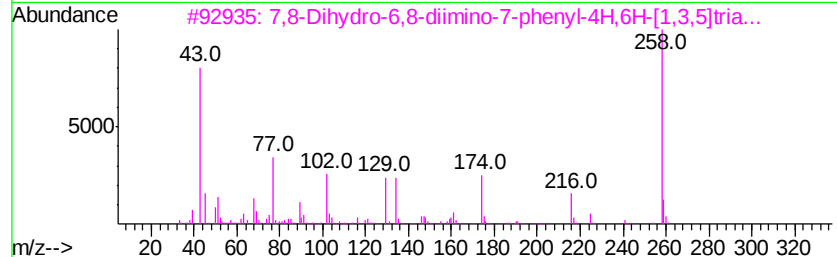
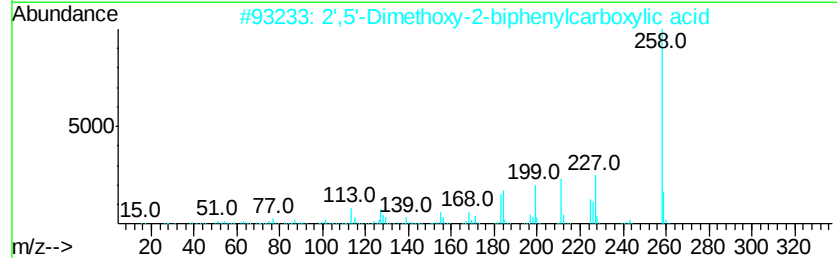
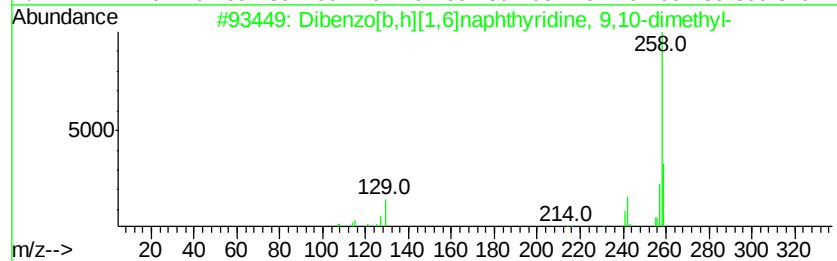
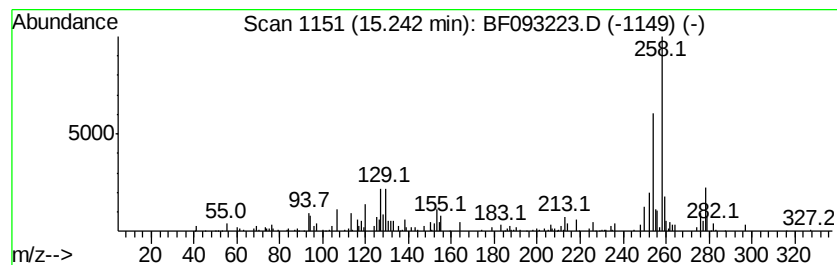
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown15.24 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.24	2.90 ng	134332	Perylene-d12	15.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzo[b,h][1,6]naphthylidene, ...	258	C18H14N2	004240-85-1	35
2		2',5'-Dimethoxy-2-biphenylcarbox...	258	C15H14O4	003525-23-3	30
3		7,8-Dihydro-6,8-diimino-7-phenyl...	258	C11H10N6S	059894-16-5	27
4		1H,4H,4'H,8H,8'H-3,1-Benzothiaz...	258	C15H18N2S	1000139-29-7	22
5		9H-Xanthen-9-one, 1,3,6-trihydro...	258	C14H10O5	020716-98-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
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Sample : I1997-12
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2-B1E-SSW-1

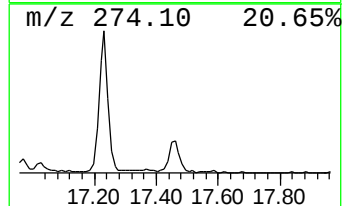
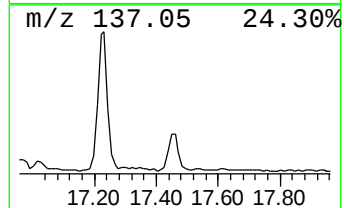
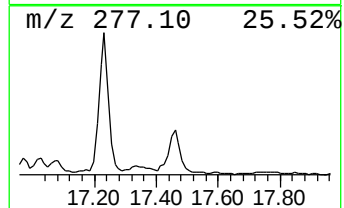
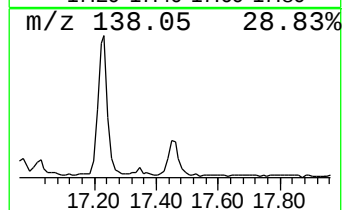
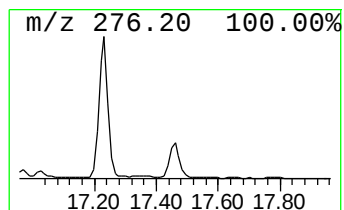
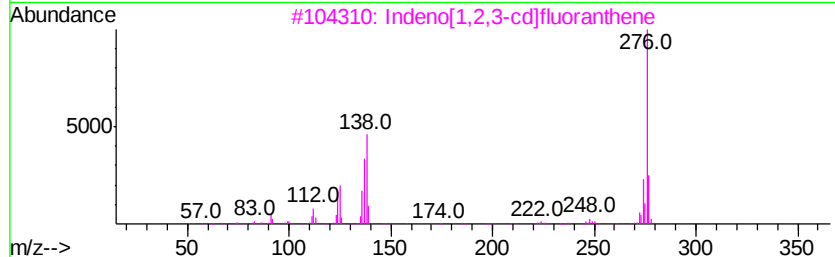
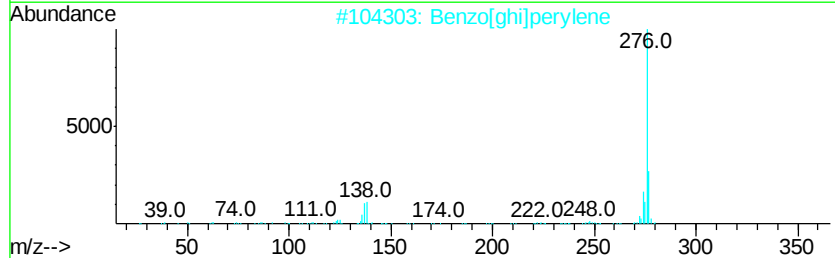
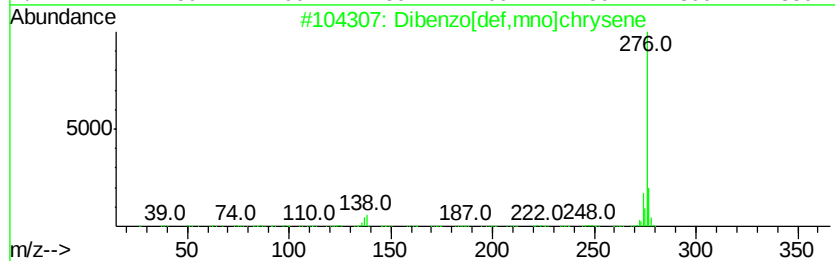
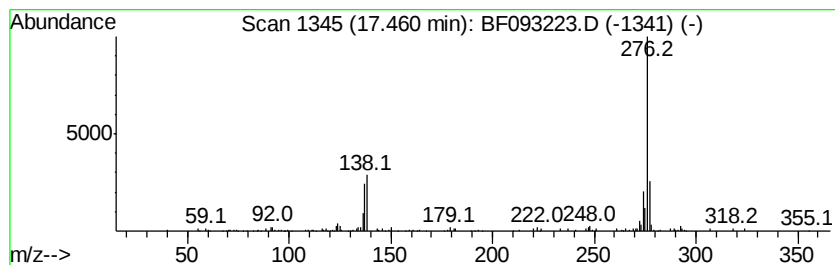
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenzo[def,mno]chrysene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	6.36 ng	294130	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	95
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	93
3		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	76
4		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	70
5		1H-Cyclopenta[4,5]pyrido[1,2-a]b...	276	C17H16N4	329707-31-5	47



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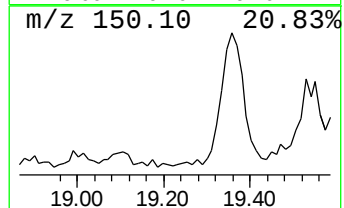
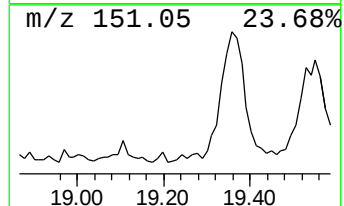
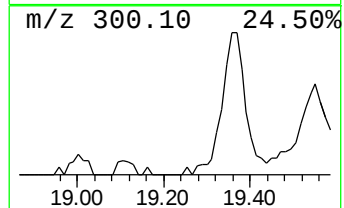
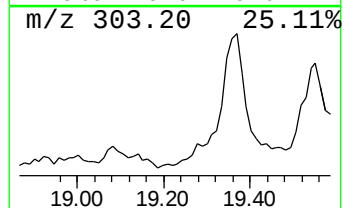
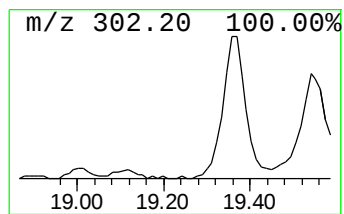
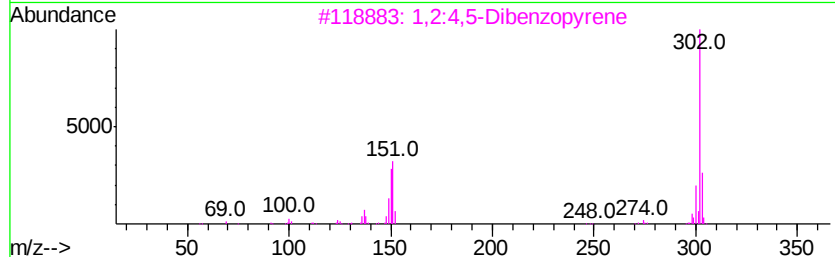
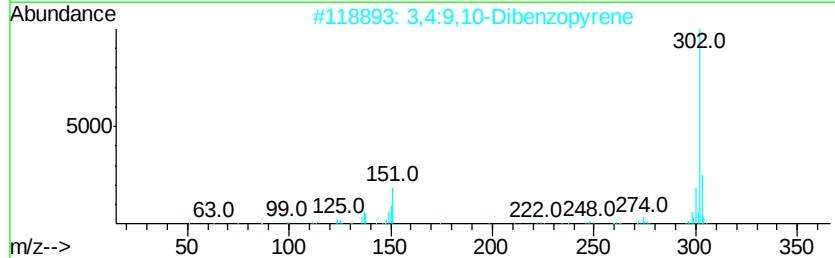
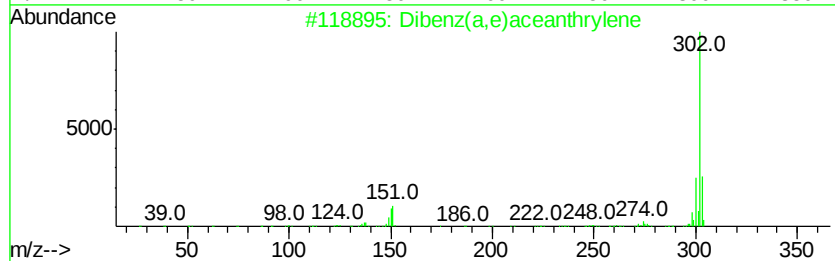
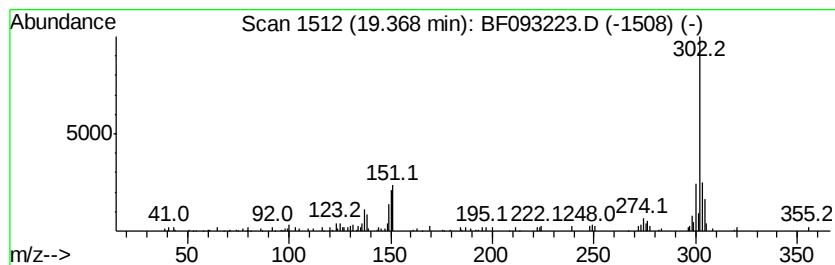
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Dibenz(a,e)aceanthrylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	4.88 ng	225886	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	94
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	94
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	86
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76



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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...	4.98	35.1 ng		1825440	1	6.82	1041120	20.0
unknown6.59	6.59	75.3 ng		3917590	1	6.82	1041120	20.0
2-Bromo dodecane	10.76	3.0 ng		241949	4	11.34	1640690	20.0
1H-Indene, 2-phenyl-	11.85	5.3 ng		438268	4	11.34	1640690	20.0
Phenanthrene, 2-m...	11.87	5.7 ng		468585	4	11.34	1640690	20.0
Anthracene, 2-met...	11.92	3.3 ng		268407	4	11.34	1640690	20.0
4H-Cyclopenta[def...	11.95	13.6 ng		1111180	4	11.34	1640690	20.0
Naphthalene, 2-ph...	12.13	3.6 ng		293019	4	11.34	1640690	20.0
Phenanthrene, 2,5...	12.40	4.2 ng		345331	4	11.34	1640690	20.0
unknown12.43	12.43	4.4 ng		360009	4	11.34	1640690	20.0
Cyclopenta(def)ph...	12.49	3.0 ng		244522	4	11.34	1640690	20.0
11H-Benzo[a]fluorene	13.12	3.2 ng		653386	5	13.98	4078190	20.0
4,6'-Biazulenyl	14.85	3.1 ng		144004	6	15.41	925021	20.0
unknown15.24	15.24	2.9 ng		134332	6	15.41	925021	20.0
Dibenzo[def,mno]c...	17.46	6.4 ng		294130	6	15.41	925021	20.0
Dibenz(a,e)aceant...	19.37	4.9 ng		225886	6	15.41	925021	20.0