

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
 Data File : BF093183.D
 Acq On : 25 Feb 2017 10:44
 Operator : SJ/MA
 Sample : I1972-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-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	5.001	253	255	268	rVB	1401353	2118943	34.25%	1.726%
2	5.436	290	293	295	rBV	4204696	4776854	77.21%	3.892%
3	6.476	381	384	387	rBV	3368213	4890784	79.06%	3.985%
4	6.602	392	395	398	rVV	3940193	4239011	68.52%	3.454%
5	6.830	413	415	418	rBV	1056818	906359	14.65%	0.738%
6	6.990	426	429	432	rBV	3644020	3345543	54.08%	2.726%
7	7.402	462	465	468	rBV	2115467	3049439	49.29%	2.484%
8	8.122	526	528	532	rVB2	1362308	1426922	23.06%	1.163%
9	8.830	588	590	593	rBV	250623	310338	5.02%	0.253%
10	8.933	597	599	601	rVB	411152	346204	5.60%	0.282%
11	9.208	620	623	625	rVB	3798587	4517777	73.03%	3.681%
12	9.459	643	645	648	rBV	229552	339667	5.49%	0.277%
13	9.539	649	652	653	rBV	473477	521215	8.43%	0.425%
14	9.562	653	654	656	rVV	314102	252602	4.08%	0.206%
15	9.596	656	657	659	rVB	529583	404923	6.55%	0.330%
16	9.653	659	662	667	rBV2	264523	366457	5.92%	0.299%
17	9.733	667	669	671	rVB	297951	319764	5.17%	0.261%
18	9.882	677	682	683	rBV2	934198	1255542	20.29%	1.023%
19	9.905	683	684	686	rVB	823169	993297	16.06%	0.809%
20	10.076	697	699	701	rVV	697039	943456	15.25%	0.769%
21	10.191	707	709	711	rBV2	225654	290883	4.70%	0.237%
22	10.282	715	717	721	rBV2	279858	499763	8.08%	0.407%
23	10.419	728	729	732	rVB	779566	1101795	17.81%	0.898%
24	10.488	732	735	736	rBV	308407	484231	7.83%	0.395%
25	10.511	736	737	738	rVV	307616	245390	3.97%	0.200%
26	10.556	738	741	742	rVV2	187672	357087	5.77%	0.291%
27	10.579	742	743	746	rVB	765680	773151	12.50%	0.630%
28	10.671	748	751	753	rVV	2641441	2948730	47.66%	2.402%
29	10.796	757	762	764	rVB4	218618	412936	6.67%	0.336%
30	10.979	774	778	779	rBV3	379091	805611	13.02%	0.656%
31	11.128	786	791	793	rBV2	693457	1676363	27.10%	1.366%
32	11.173	793	795	797	rVB	593912	529075	8.55%	0.431%
33	11.219	797	799	801	rBV2	674301	1098999	17.76%	0.895%
34	11.265	801	803	806	rVB	455383	552379	8.93%	0.450%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.391	809	814	816	rBV2	3907719	6186526	100.00%	5.040%
36	11.448	816	819	820	rVB	1436623	1821833	29.45%	1.484%
37	11.471	820	821	824	rVB	410431	393888	6.37%	0.321%
38	11.596	829	832	836	rBV4	751588	1538081	24.86%	1.253%
39	11.699	839	841	843	rVB3	239749	284746	4.60%	0.232%
40	11.871	853	856	857	rBV	1095095	1336726	21.61%	1.089%
41	11.894	857	858	860	rVB	1549397	1415527	22.88%	1.153%
42	11.939	860	862	864	rBV	719943	909121	14.70%	0.741%
43	11.985	864	866	870	rVB2	1464596	2665436	43.08%	2.172%
44	12.042	870	871	873	rBV	202123	367201	5.94%	0.299%
45	12.156	880	881	883	rVB	417147	555328	8.98%	0.452%
46	12.191	883	884	886	rVB	408649	339898	5.49%	0.277%
47	12.316	892	895	896	rBV3	229538	408840	6.61%	0.333%
48	12.362	898	899	901	rVB2	206426	241102	3.90%	0.196%
49	12.419	901	904	905	rBV	751808	1031563	16.67%	0.840%
50	12.454	905	907	910	rVB2	525540	806798	13.04%	0.657%
51	12.511	910	912	915	rVB	598915	778317	12.58%	0.634%
52	12.591	916	919	921	rBV	3833730	4808644	77.73%	3.918%
53	12.648	921	924	925	rBV2	211304	321736	5.20%	0.262%
54	12.728	928	931	933	rBV3	376695	544391	8.80%	0.444%
55	12.819	935	939	941	rBV2	3382761	5366703	86.75%	4.372%
56	12.854	941	942	945	rVB2	542858	713887	11.54%	0.582%
57	12.957	946	951	954	rVB3	2745178	4032327	65.18%	3.285%
58	13.025	954	957	961	rBV4	682793	1471703	23.79%	1.199%
59	13.139	963	967	969	rVB2	1205394	1862850	30.11%	1.518%
60	13.208	969	973	974	rBV2	600171	844305	13.65%	0.688%
61	13.242	974	976	980	rVB2	1136126	1495375	24.17%	1.218%
62	13.334	982	984	985	rBV	556681	467070	7.55%	0.381%
63	13.368	985	987	991	rVB2	604456	870778	14.08%	0.709%
64	13.448	991	994	996	rVB3	235425	345773	5.59%	0.282%
65	13.539	998	1002	1003	rBV3	270000	715211	11.56%	0.583%
66	13.562	1003	1004	1005	rVB	362939	248976	4.02%	0.203%
67	13.654	1008	1012	1014	rBV	798863	1133677	18.32%	0.924%
68	13.757	1018	1021	1022	rBV	662595	814633	13.17%	0.664%
69	13.859	1028	1030	1033	rVB	874603	1012338	16.36%	0.825%
70	13.928	1033	1036	1039	rBV2	159555	349236	5.65%	0.285%
71	14.008	1039	1043	1044	rBV	2709536	4397659	71.08%	3.583%

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72	14.042	1044	1046	1048	rVV	2318558	2594755	41.94%	2.114%
73	14.111	1049	1052	1055	rBV3	283644	471749	7.63%	0.384%
74	14.179	1055	1058	1059	rBV3	187868	360481	5.83%	0.294%
75	14.237	1061	1063	1065	rBV2	344163	460919	7.45%	0.376%
76	14.328	1070	1071	1072	rVV	269058	250021	4.04%	0.204%
77	14.362	1072	1074	1075	rVV	341791	506368	8.19%	0.413%
78	14.397	1075	1077	1079	rVV	1075242	1303446	21.07%	1.062%
79	14.431	1079	1080	1082	rVV	548065	568959	9.20%	0.464%
80	14.488	1082	1085	1087	rVV3	393106	1032554	16.69%	0.841%
81	14.522	1087	1088	1092	rVV3	469059	855334	13.83%	0.697%
82	14.591	1092	1094	1097	rVB3	287318	402804	6.51%	0.328%
83	14.705	1102	1104	1109	rVB5	318824	559795	9.05%	0.456%
84	14.877	1118	1119	1123	rVB3	230910	335406	5.42%	0.273%
85	15.037	1130	1133	1138	rBV	1531179	3656085	59.10%	2.979%
86	15.140	1140	1142	1144	rVV	453741	504397	8.15%	0.411%
87	15.242	1147	1151	1152	rBV	190996	428913	6.93%	0.349%
88	15.277	1152	1154	1155	rVV2	148786	240377	3.89%	0.196%
89	15.322	1155	1158	1161	rVV	803809	1423740	23.01%	1.160%
90	15.391	1161	1164	1166	rVV	1487918	1831500	29.60%	1.492%
91	15.448	1166	1169	1170	rVV	651460	867140	14.02%	0.706%
92	15.471	1170	1171	1175	rVV2	392431	761426	12.31%	0.620%
93	15.654	1185	1187	1190	rVB2	125692	234760	3.79%	0.191%
94	15.860	1202	1205	1207	rBV	134096	251998	4.07%	0.205%
95	16.854	1288	1292	1295	rBV	455222	857296	13.86%	0.698%
96	17.014	1303	1306	1309	rBV	156883	369088	5.97%	0.301%
97	17.071	1309	1311	1314	rVV2	125800	270752	4.38%	0.221%
98	17.277	1326	1329	1336	rVB	282414	596854	9.65%	0.486%
99	17.506	1346	1349	1357	rVB2	114007	372182	6.02%	0.303%
100	19.449	1513	1519	1525	rVB2	104438	371222	6.00%	0.302%

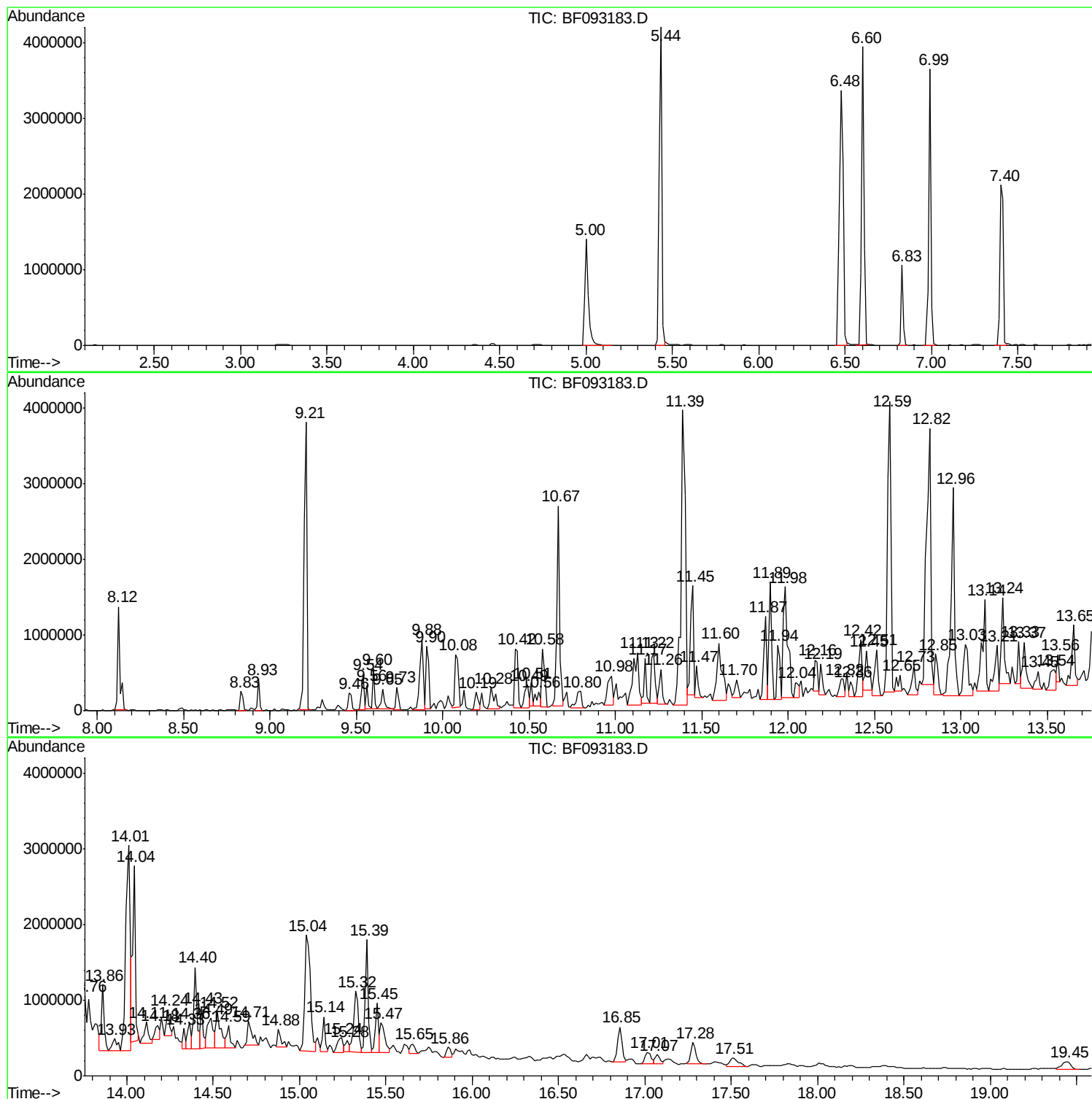
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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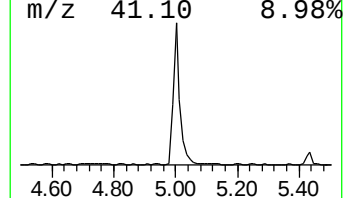
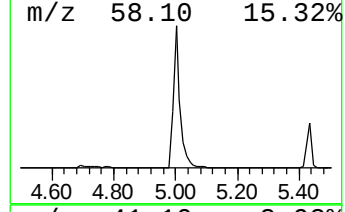
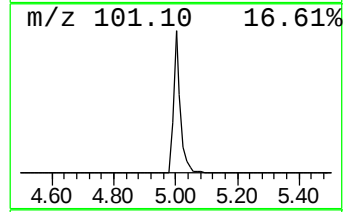
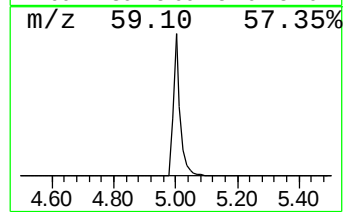
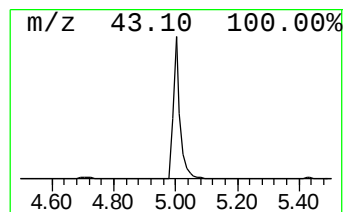
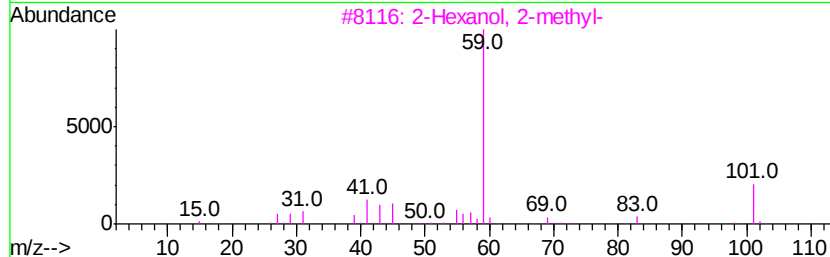
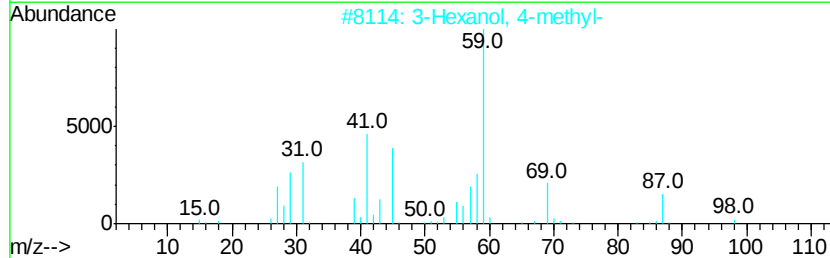
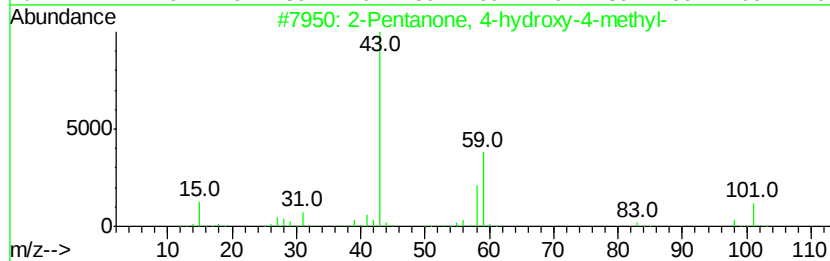
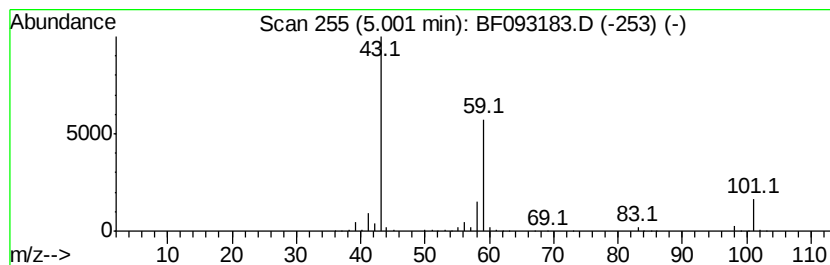
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	46.76 ng	2118940	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			3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	23
5			3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9



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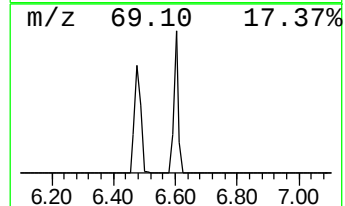
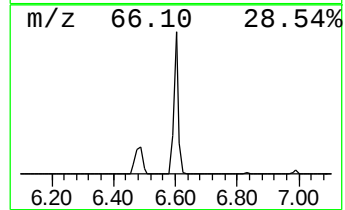
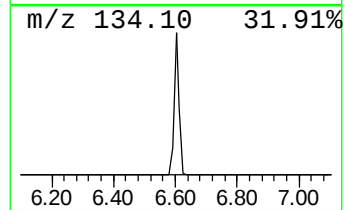
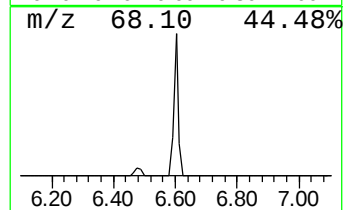
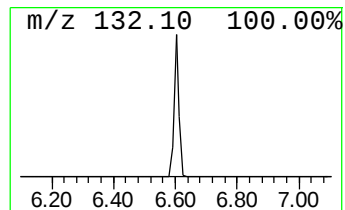
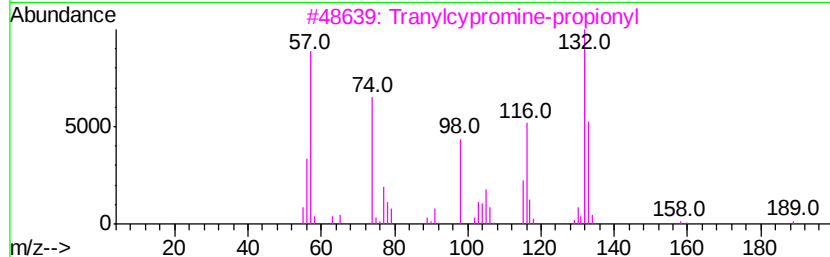
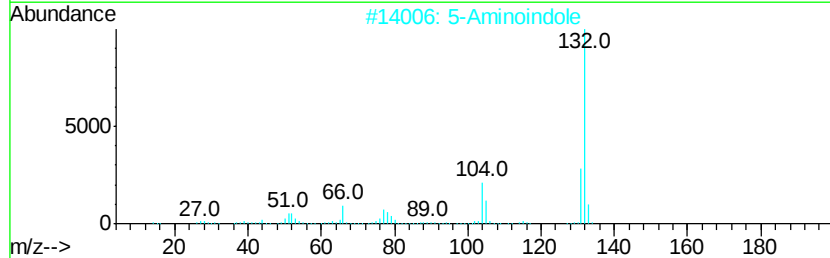
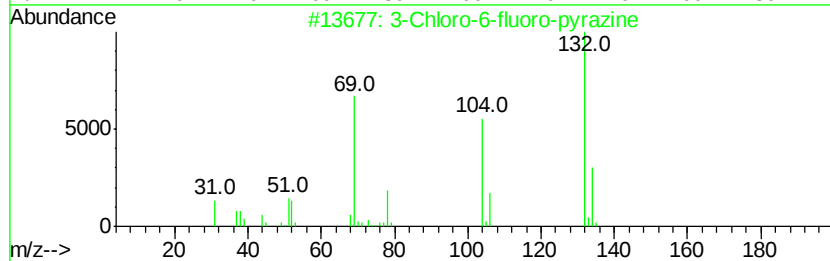
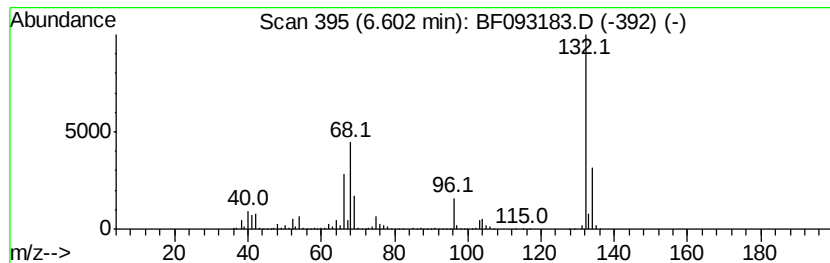
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	93.54 ng	4239010	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-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			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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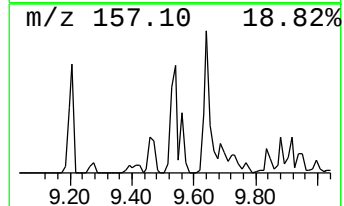
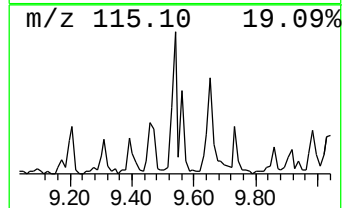
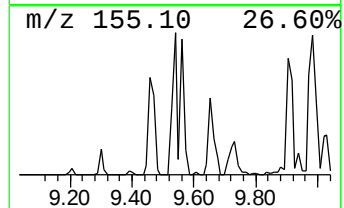
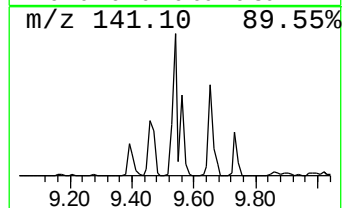
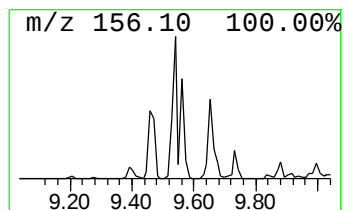
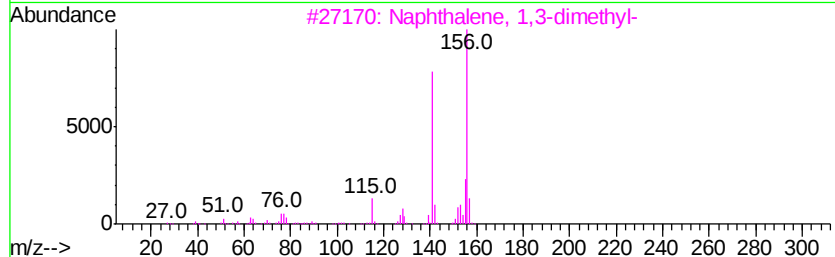
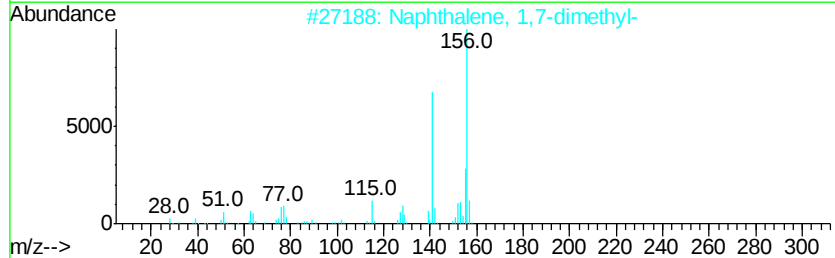
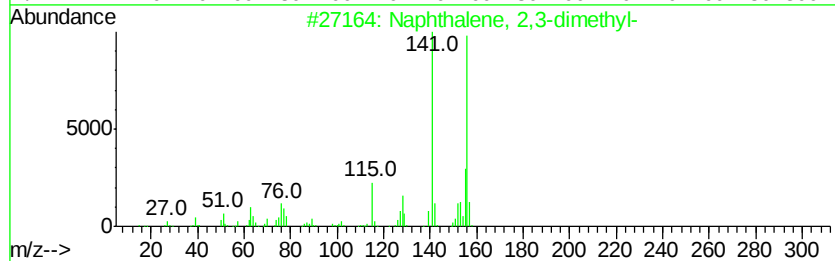
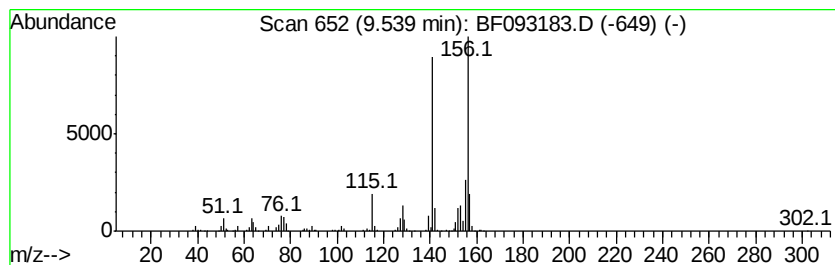
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.54	8.30 ng	521215	Acenaphthene-d10	9.88

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
3			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
5			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
Sample : I1972-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
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ClientSampleId :
E2B21-WESTSW-1

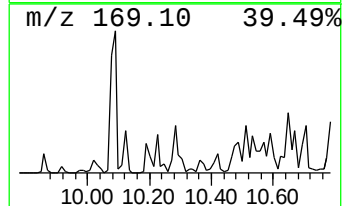
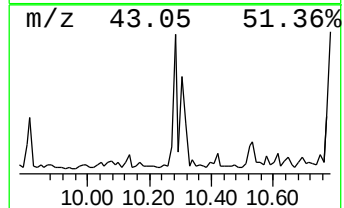
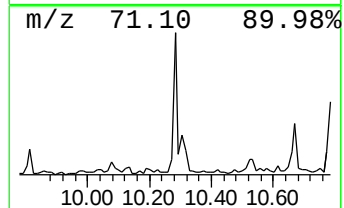
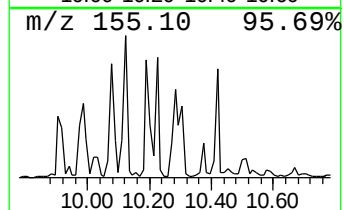
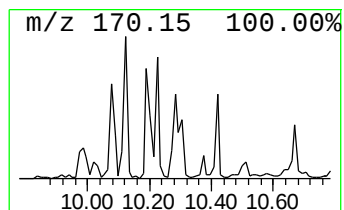
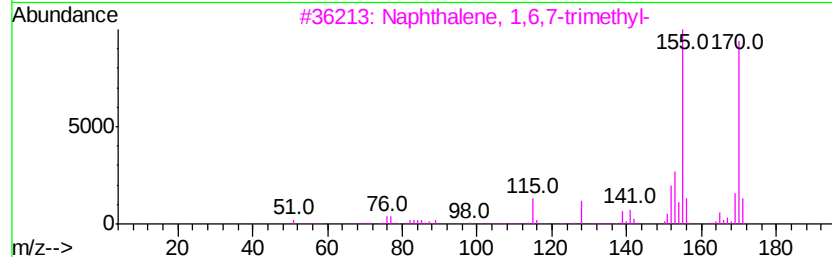
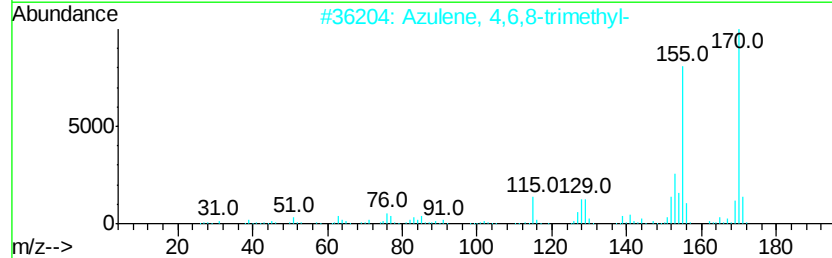
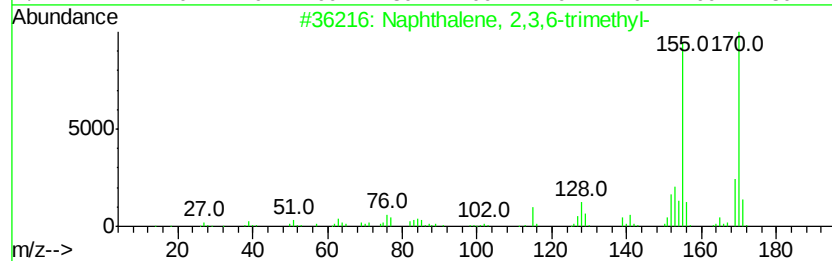
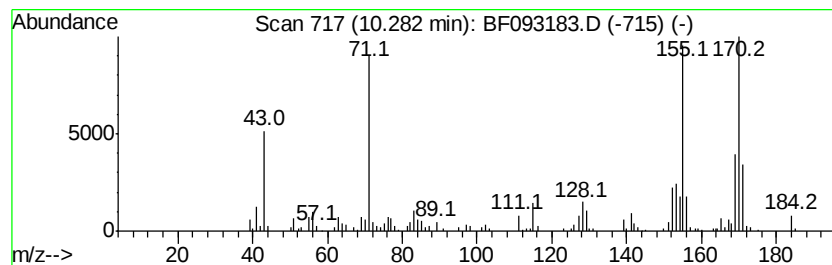
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	7.96 ng	499763	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
2		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	91
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	64
4		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	64
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	60



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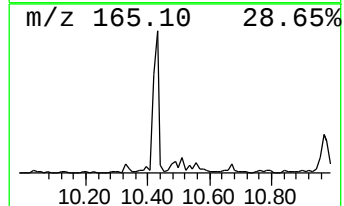
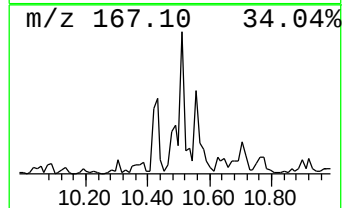
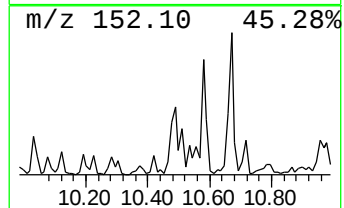
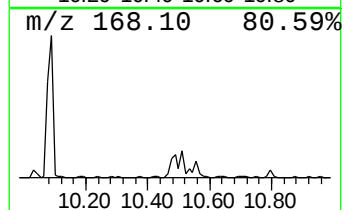
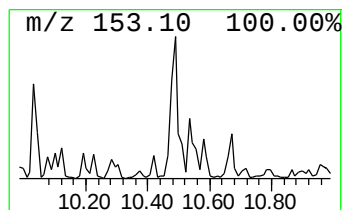
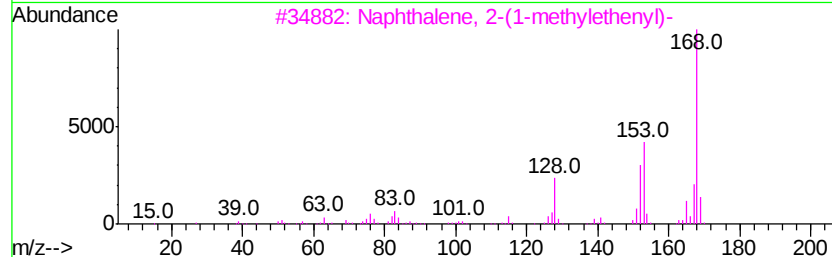
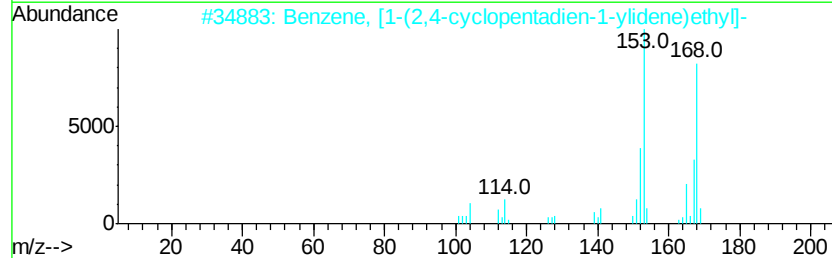
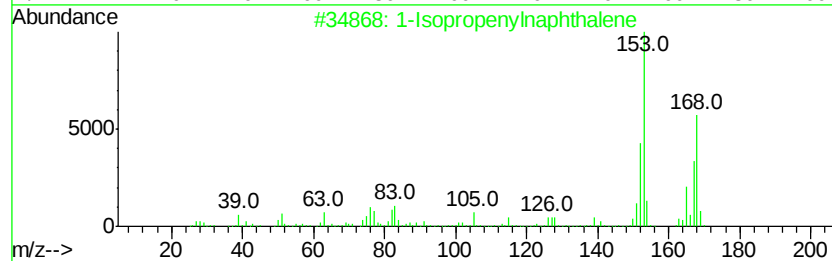
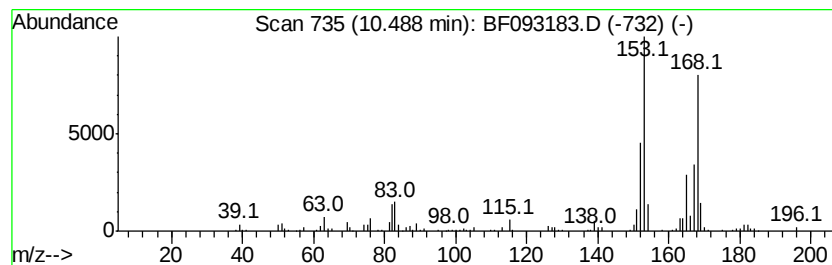
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1-Isopropenylnaphthalene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.49	7.71 ng	484231	Acenaphthene-d10		9.88	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	93
2		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	90
3		Naphthalene, 2-(1-methylethenyl)-	168	C13H12	003710-23-4	59
4		Ethanone, 1-(2,4,6-trihydroxyphe...	168	C8H8O4	000480-66-0	52
5		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
Sample : I1972-07
Misc :
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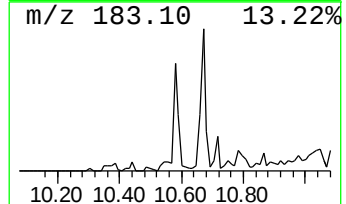
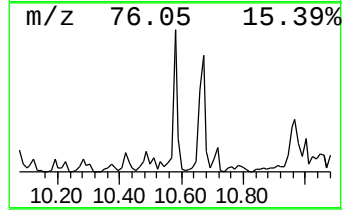
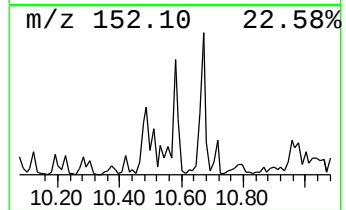
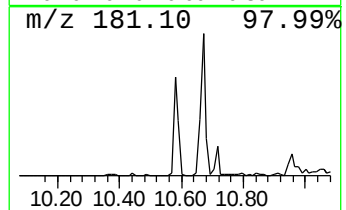
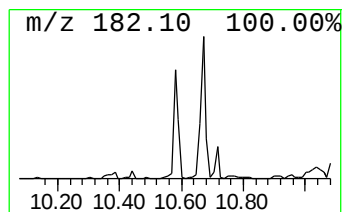
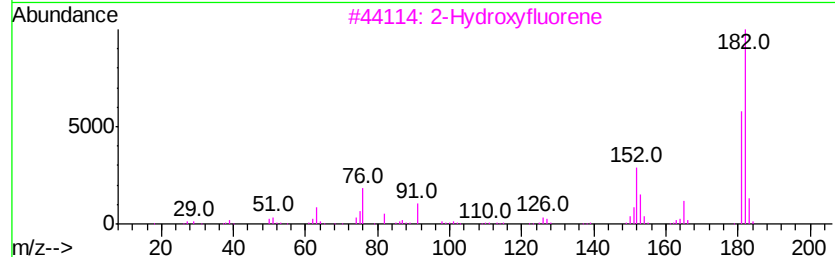
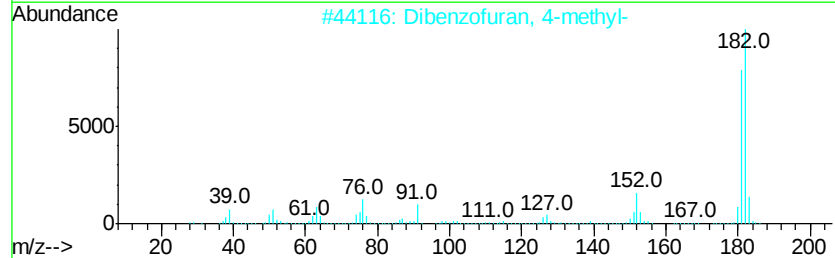
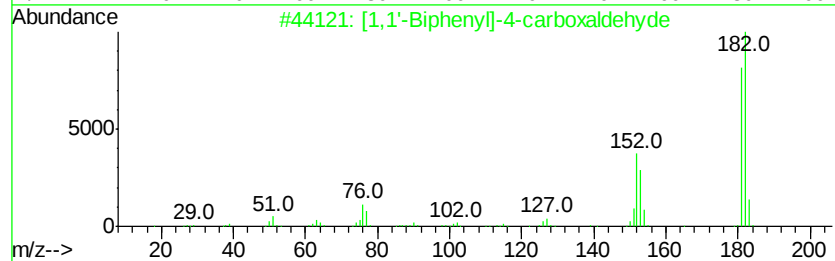
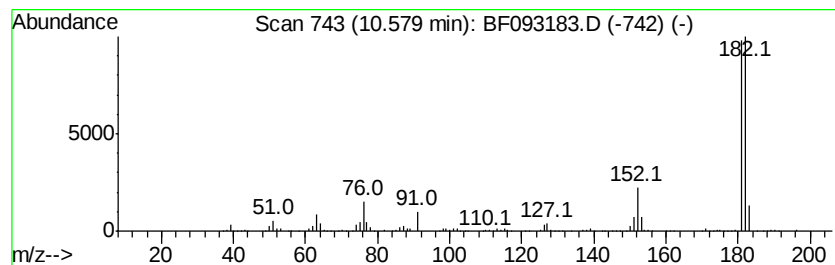
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	12.32 ng	773151	Acenaphthene-d10	9.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76
3		2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
4		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72
5		9H-Xanthene	182	C13H10O	000092-83-1	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
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Misc :
ALS Vial : 36 Sample Multiplier: 1

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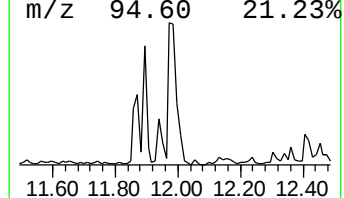
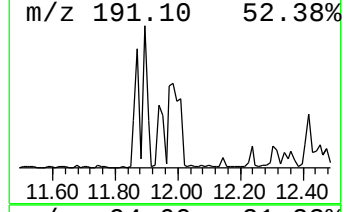
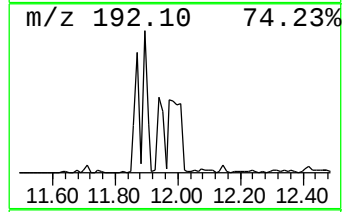
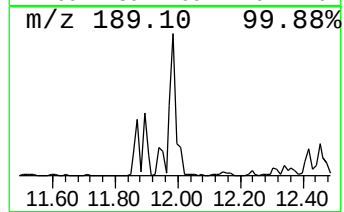
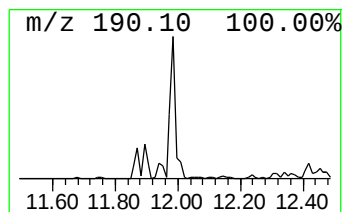
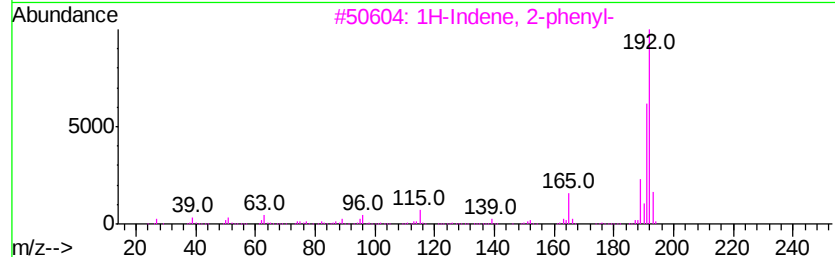
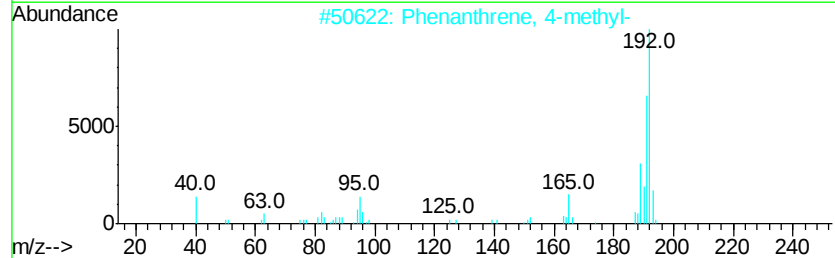
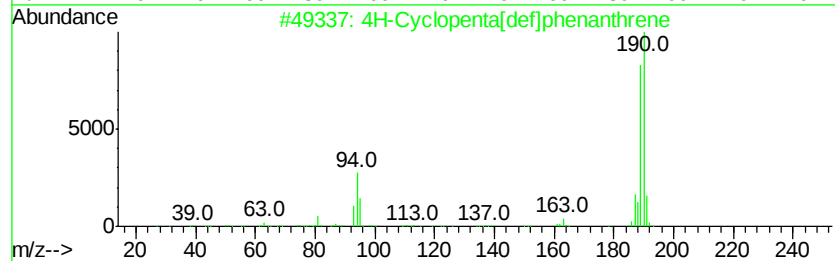
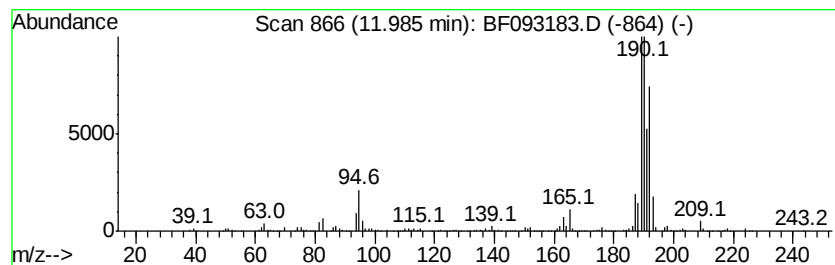
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	8.62 ng	2665440	Phenanthrene-d10	11.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
3		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
4		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
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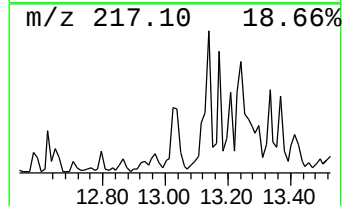
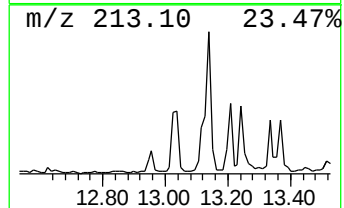
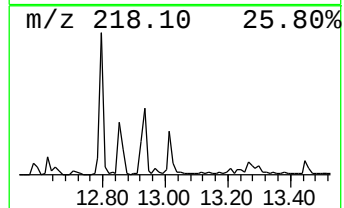
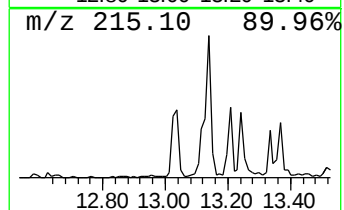
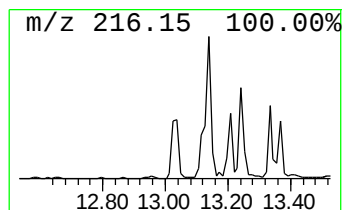
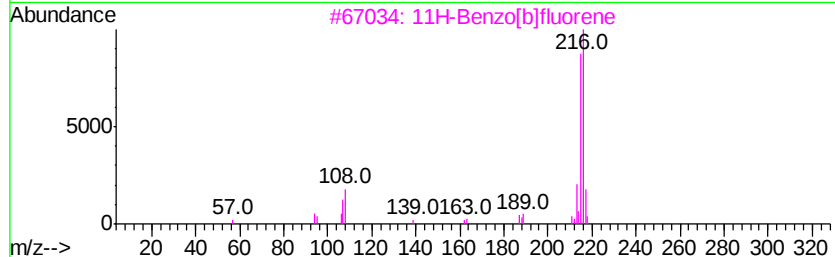
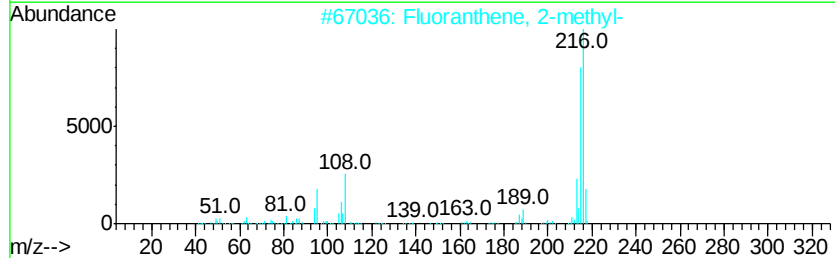
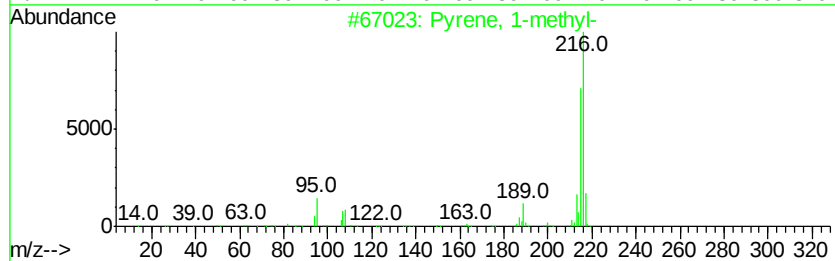
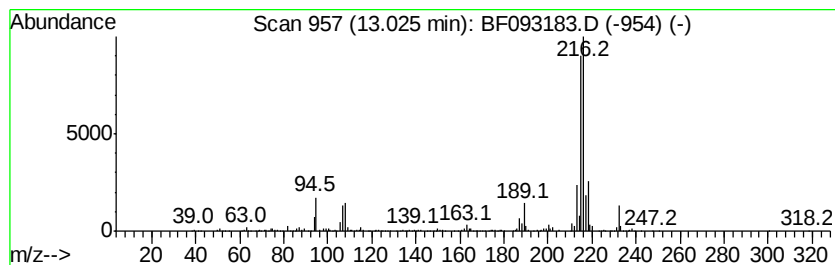
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.03	6.69 ng	1471700	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	89
4		Pyrene, 2-methyl-	216	C17H12	003442-78-2	78
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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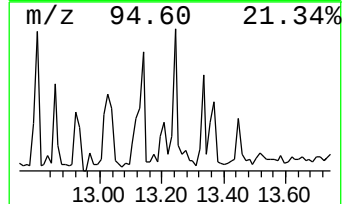
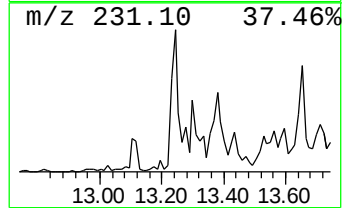
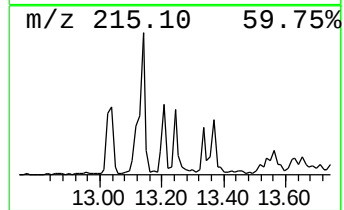
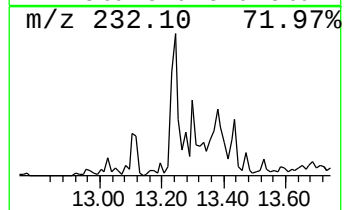
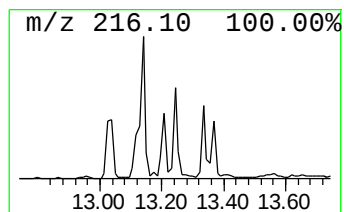
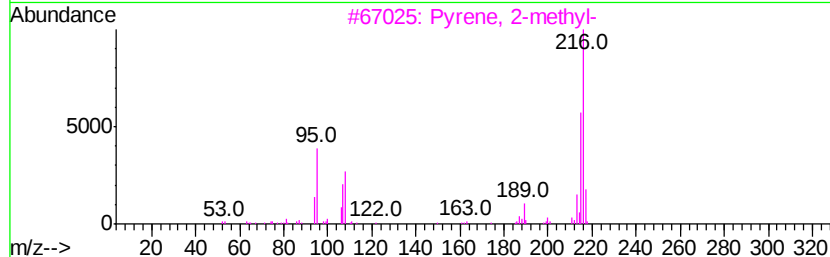
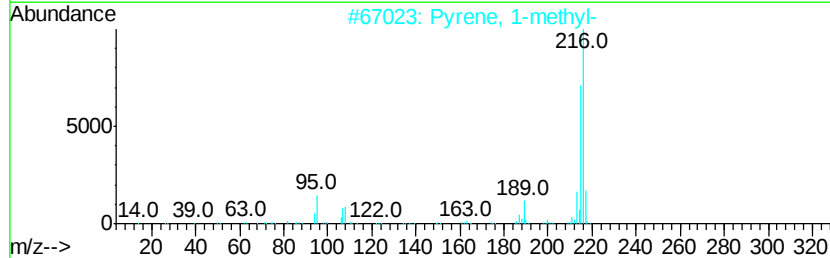
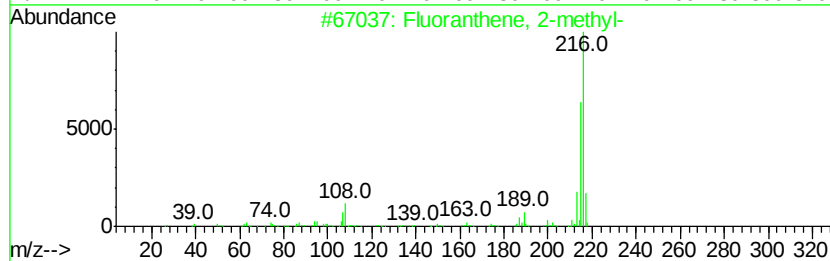
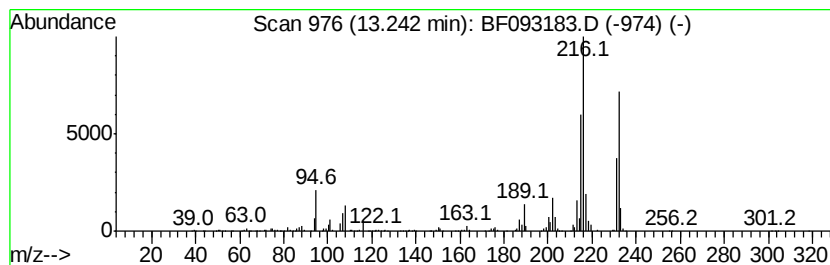
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.24	6.80 ng	1495380	Chrysene-d12	14.02
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 95
3		Pyrene, 2-methyl-	216 C17H12	003442-78-2 78
4		11H-Benzo[b]fluorene	216 C17H12	000243-17-4 55
5		11H-Benzo[a]fluorene	216 C17H12	000238-84-6 55



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
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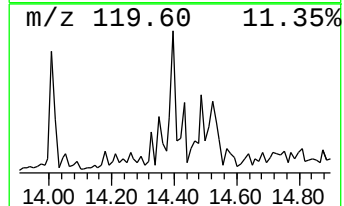
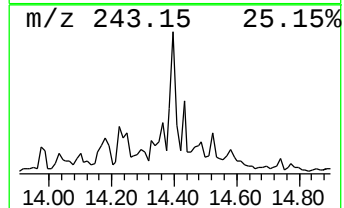
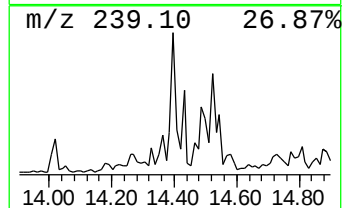
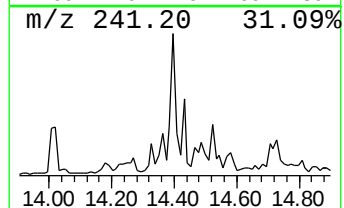
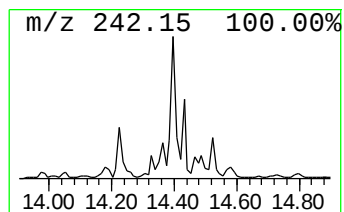
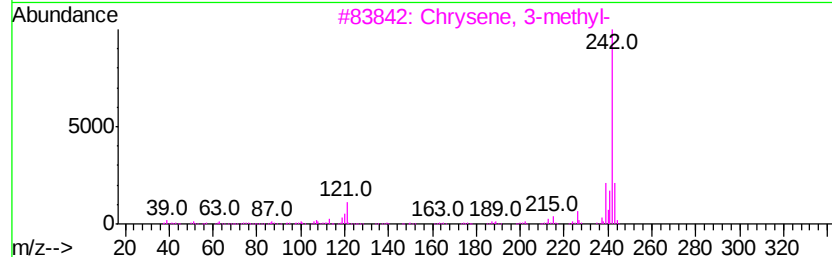
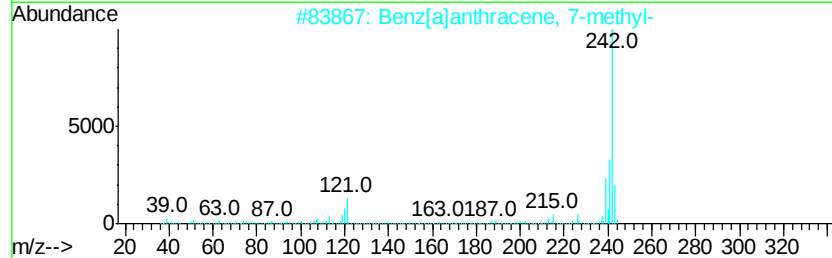
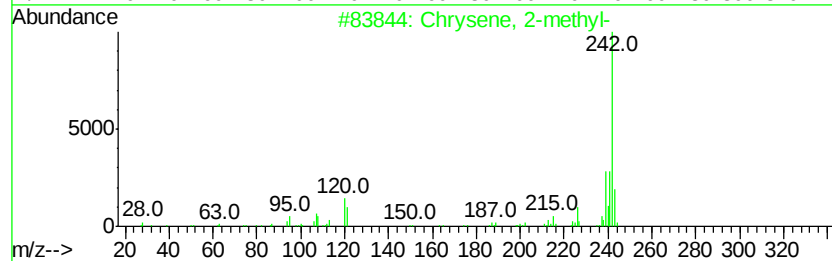
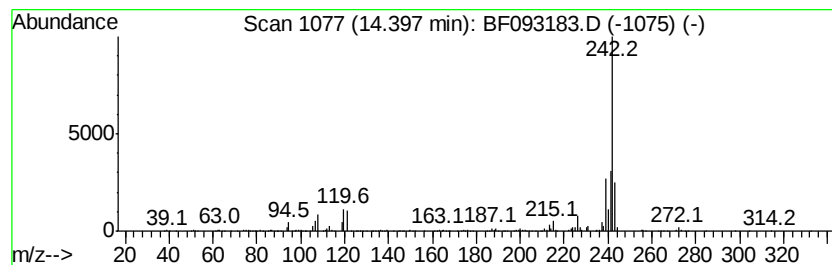
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Chrysene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.40	5.93 ng	1303450	Chrysene-d12	14.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Chrysene, 2-methyl-	242	C19H14	003351-32-4	96
2		Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3		Chrysene, 3-methyl-	242	C19H14	003351-31-3	95
4		Chrysene, 1-methyl-	242	C19H14	003351-28-8	95
5		Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	95



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022417\
Data File : BF093183.D
Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
Sample : I1972-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

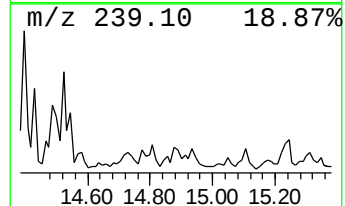
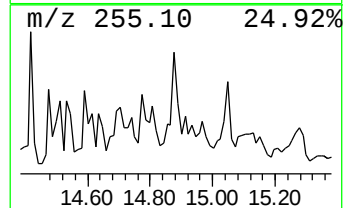
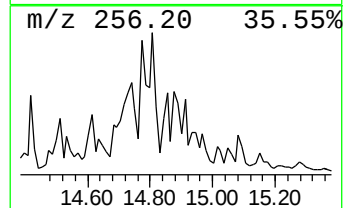
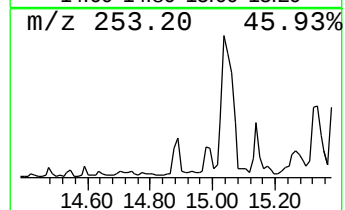
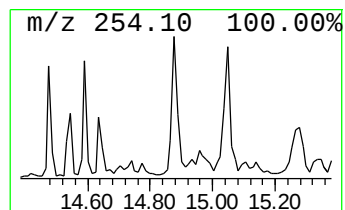
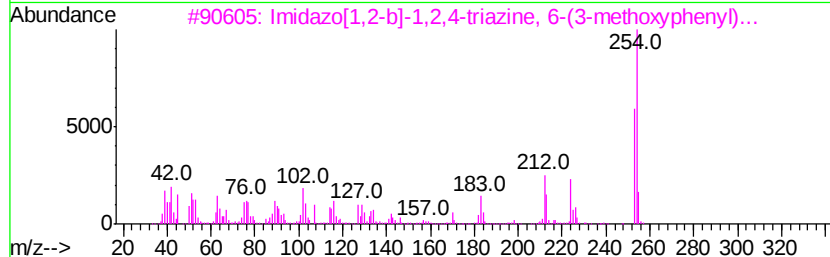
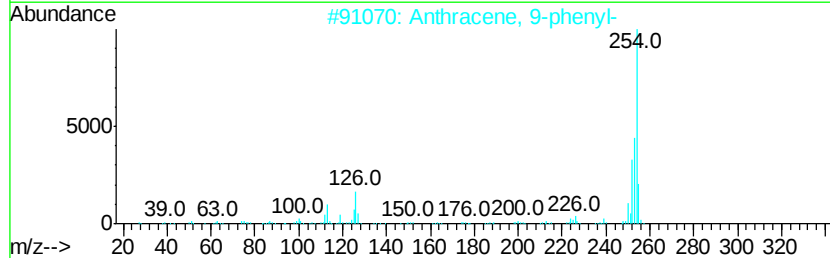
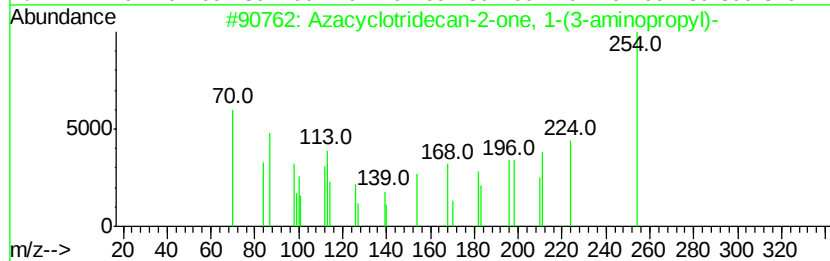
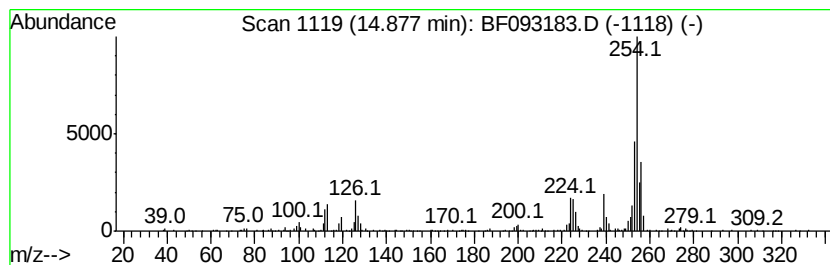
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Azacyclotridecan-2-one, 1-(... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	7.74 ng	335406	Perylene-d12	15.45
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Azacyclotridecan-2-one, 1-(3-ami...	254 C15H30N2O	064414-61-5 83
2		Anthracene, 9-phenyl-	254 C20H14	000602-55-1 76
3		Imidazo[1,2-b]-1,2,4-triazine, 6...	254 C14H14N4O	1000277-24-4 50
4		9,10-Ethenoanthracene-11,12-dica...	254 C18H10N2	019067-49-3 47
5		9,10[1',2']-Benzenoanthracene, 9...	254 C20H14	000477-75-8 46



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Sample : I1972-07
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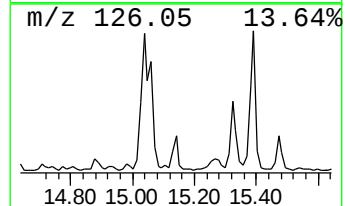
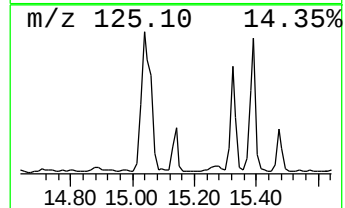
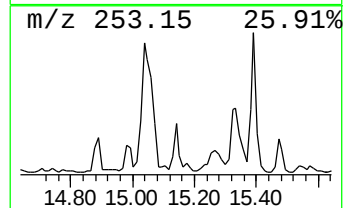
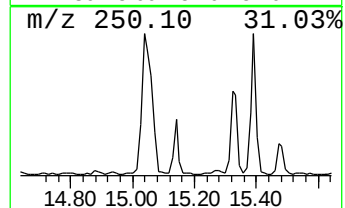
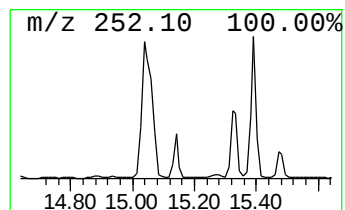
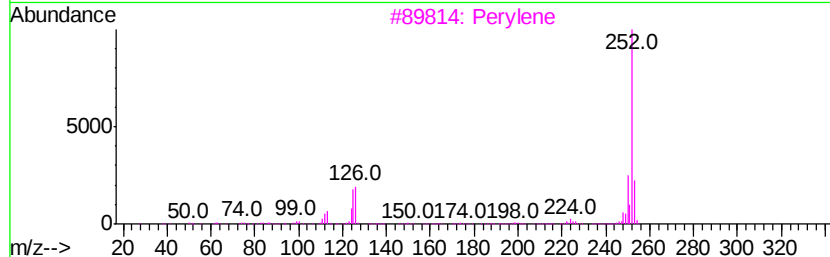
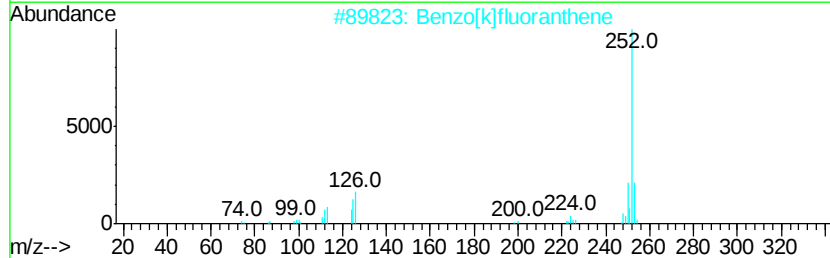
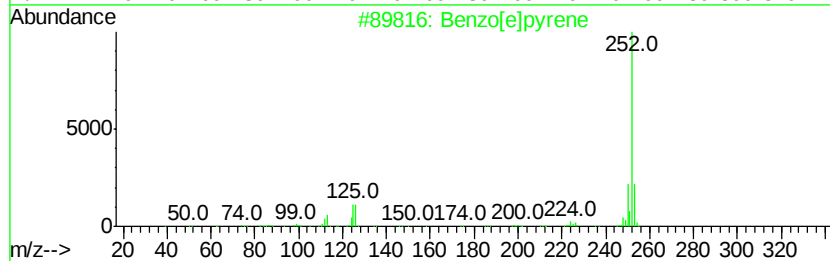
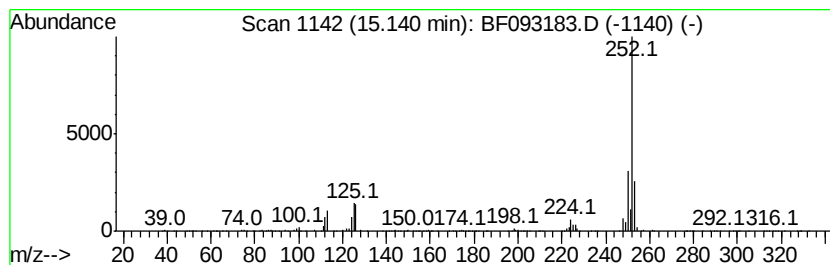
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.14	11.63 ng	504397	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91



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Acq On : 25 Feb 2017 10:44
Operator : SJ/MA
Sample : I1972-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

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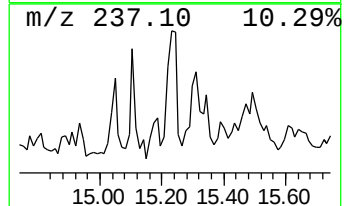
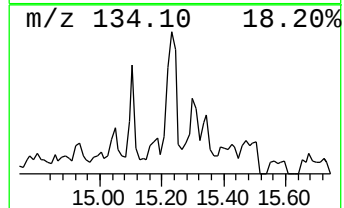
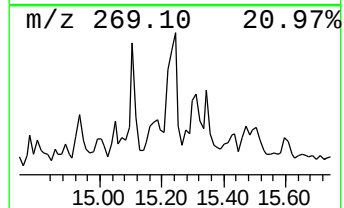
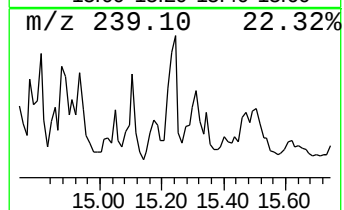
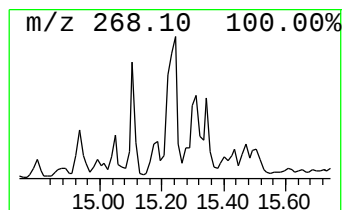
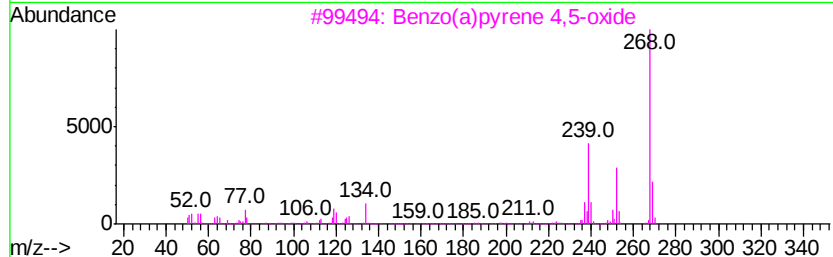
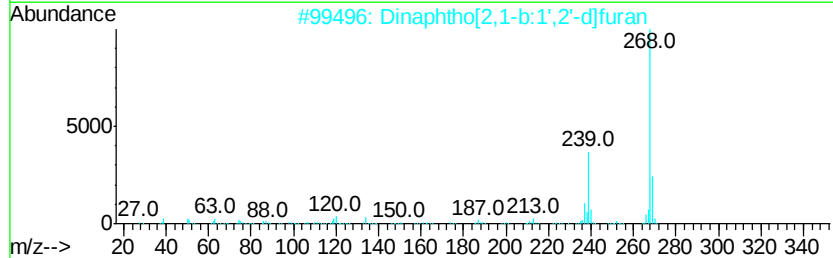
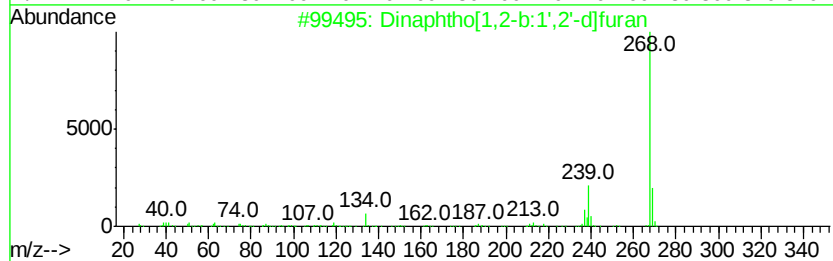
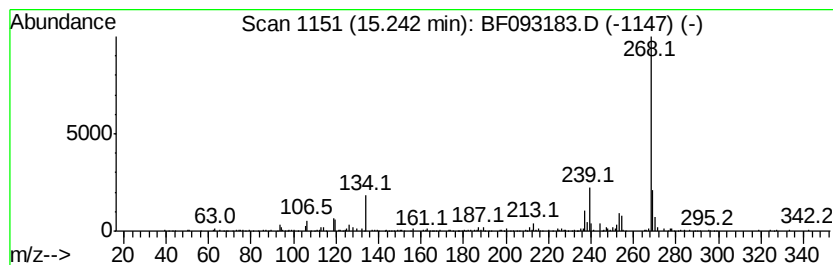
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	9.89 ng	428913	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	93
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	74
4		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	64
5		9,10-Anthracenedione, 1,4,5,8-te...	268	C14H12N4O2	002475-45-8	59



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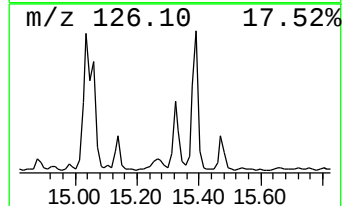
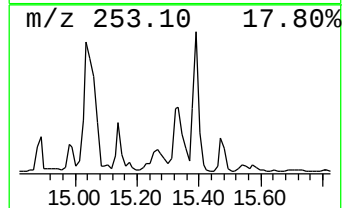
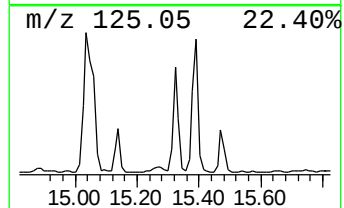
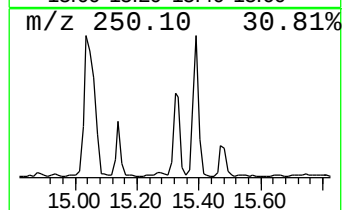
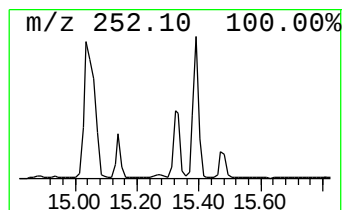
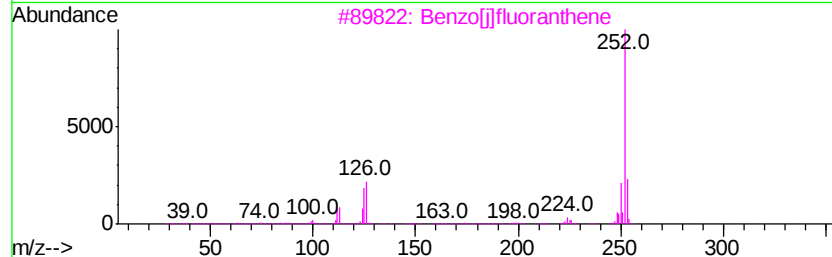
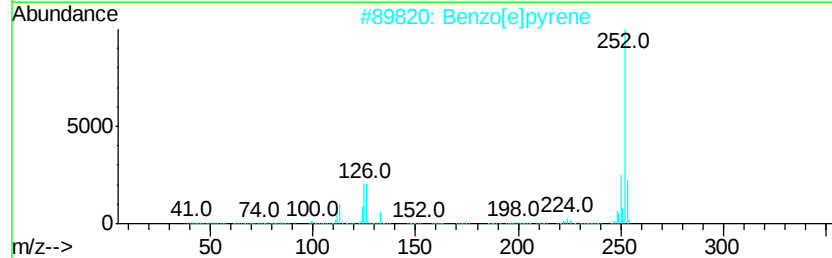
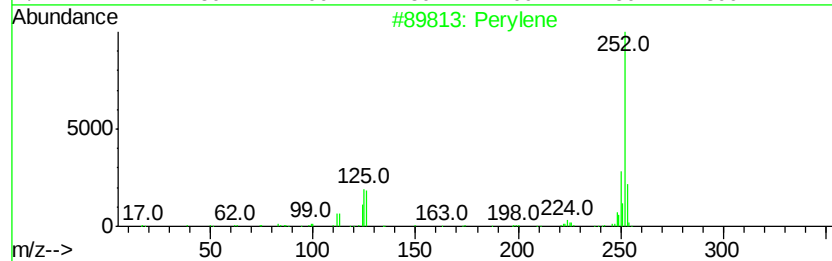
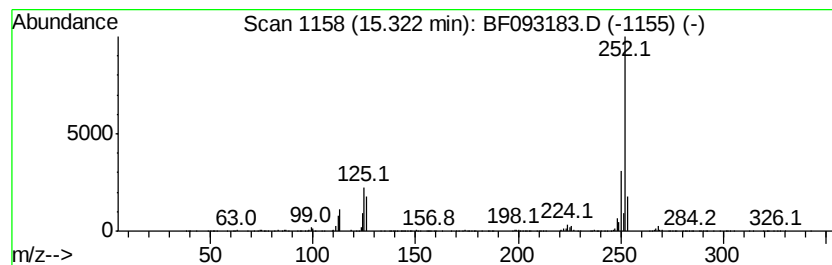
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	32.84 ng	1423740	Perylene-d12	15.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[i]fluoranthene	252	C20H12	000205-82-3	95
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93



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Sample : I1972-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

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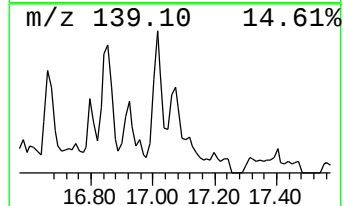
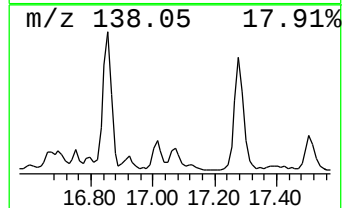
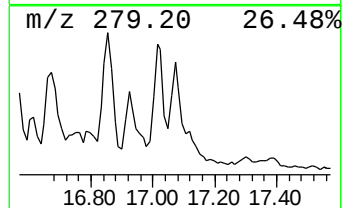
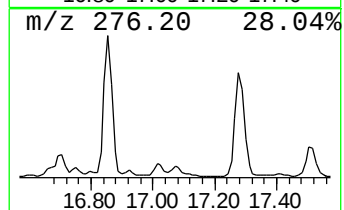
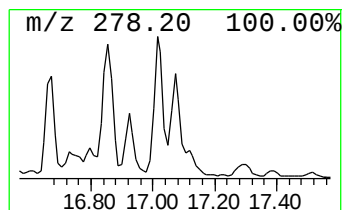
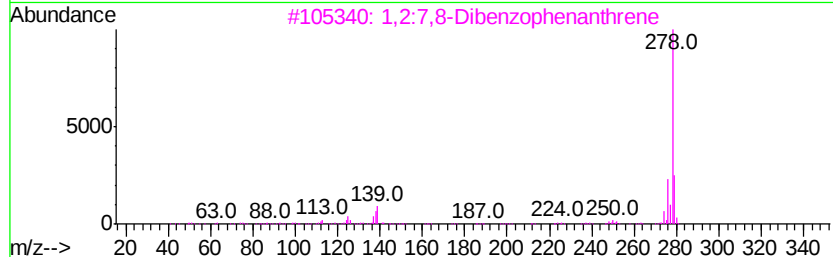
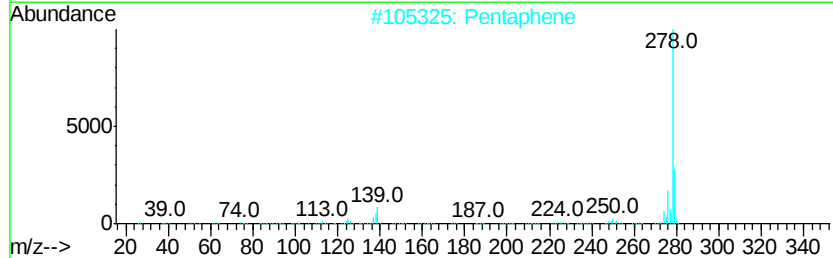
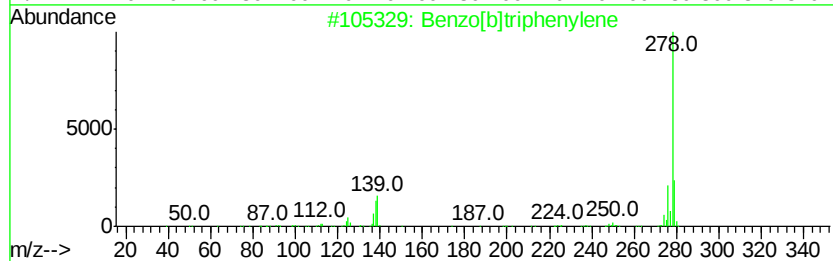
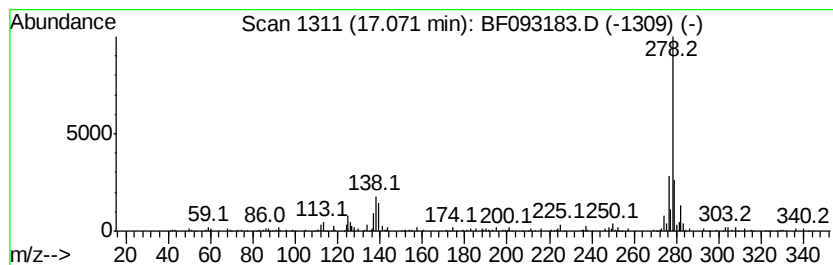
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Benzo[b]triphenylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.07	6.24 ng	270752	Perylene-d12	15.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Pentaphene	278	C22H14	000222-93-5	95
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	95
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	93
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	93



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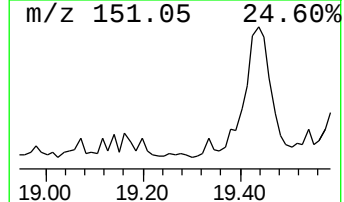
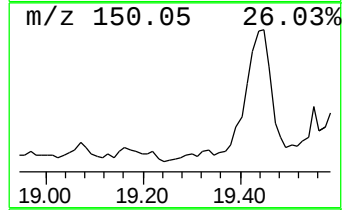
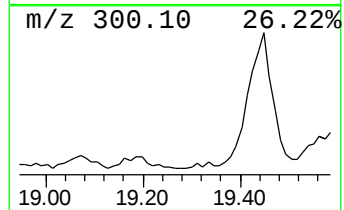
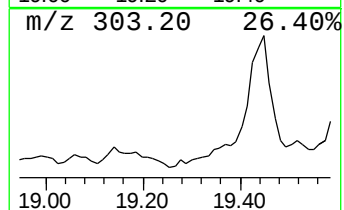
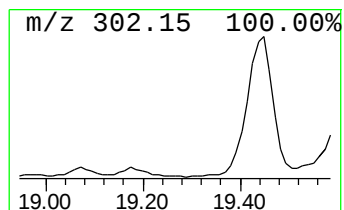
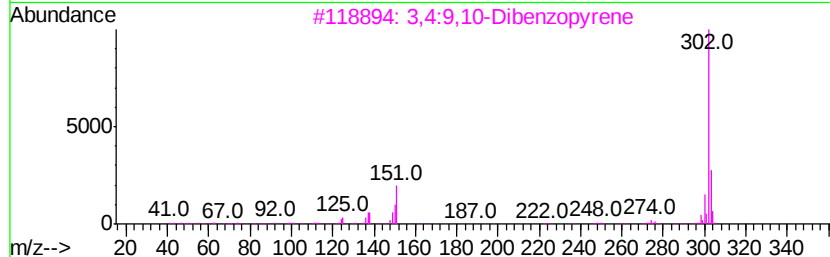
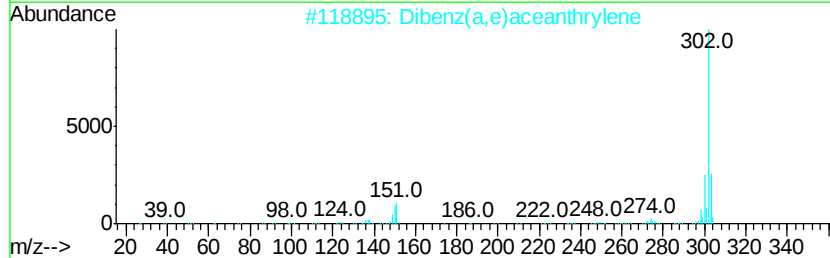
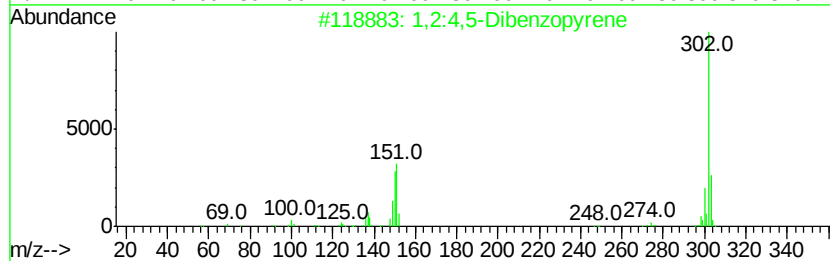
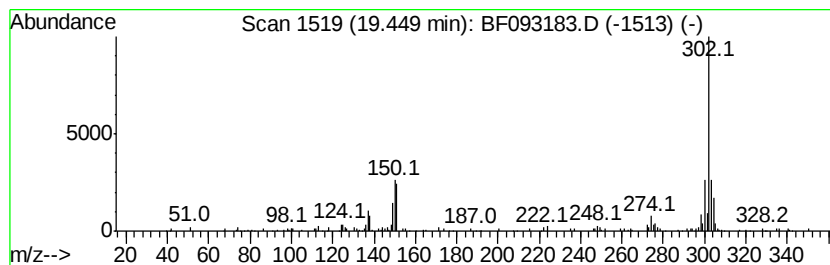
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 1,2:4,5-Dibenzopyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.45	8.56 ng	371222	Perylene-d12	15.45	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:4,5-Dibenzopvrene	302	C24H14	000192-65-4	96
2	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	96
3	3,4:9,10-Dibenzopvrene	302	C24H14	000189-55-9	93
4	3,4:8,9-Dibenzopvrene	302	C24H14	000189-64-0	86
5	Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022417\
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 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2B21-WESTSW-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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.00	46.8	ng	2118940	1	6.83	906359	20.0
unknown6.60	6.60	93.5	ng	4239010	1	6.83	906359	20.0
Naphthalene, 2,3-...	9.54	8.3	ng	521215	3	9.88	1255540	20.0
Naphthalene, 2,3,...	10.28	8.0	ng	499763	3	9.88	1255540	20.0
1-Isopropenylnaph...	10.49	7.7	ng	484231	3	9.88	1255540	20.0
[1,1'-Biphenyl]-4...	10.58	12.3	ng	773151	3	9.88	1255540	20.0
4H-Cyclopenta[def...	11.99	8.6	ng	2665440	4	11.37	6186530	20.0
Pyrene, 1-methyl-	13.03	6.7	ng	1471700	5	14.02	4397660	20.0
Fluoranthene, 2-m...	13.24	6.8	ng	1495380	5	14.02	4397660	20.0
Chrysene, 2-methyl-	14.40	5.9	ng	1303450	5	14.02	4397660	20.0
Azacyclotridecan-...	14.88	7.7	ng	335406	6	15.45	867140	20.0
Benzo[e]pyrene	15.14	11.6	ng	504397	6	15.45	867140	20.0
Dinaphtho[1,2-b:1...	15.24	9.9	ng	428913	6	15.45	867140	20.0
Perylene	15.32	32.8	ng	1423740	6	15.45	867140	20.0
Benzo[b]triphenylene	17.07	6.2	ng	270752	6	15.45	867140	20.0
1,2:4,5-Dibenzopy...	19.45	8.6	ng	371222	6	15.45	867140	20.0