

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
 Data File : BF093225.D
 Acq On : 28 Feb 2017 00:46
 Operator : SJ/MA
 Sample : I1996-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA5D-SWW

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	4.979	250	253	260	rBV	1039830	1483916	29.83%	1.739%
2	5.424	289	292	294	rBV	3304321	3612986	72.62%	4.234%
3	6.464	380	383	386	rBV	2618403	3557409	71.50%	4.169%
4	6.590	391	394	396	rBV	3735540	3491814	70.19%	4.092%
5	6.819	411	414	416	rBV	1000042	996635	20.03%	1.168%
6	6.967	425	427	430	rBV	2128494	2702105	54.31%	3.167%
7	7.390	461	464	466	rBV	2044597	2438791	49.02%	2.858%
8	8.099	524	526	531	rVB	1268627	1453152	29.21%	1.703%
9	9.185	618	621	623	rBV	2929717	3824393	76.87%	4.482%
10	9.516	648	650	651	rBV	132716	136831	2.75%	0.160%
11	9.573	653	655	658	rVV	866108	905268	18.20%	1.061%
12	9.630	658	660	665	rVB	74207	96353	1.94%	0.113%
13	9.722	665	668	670	rBV	173333	237819	4.78%	0.279%
14	9.859	677	680	681	rVV	1402979	1433191	28.81%	1.680%
15	9.893	681	683	685	rVB	258594	354731	7.13%	0.416%
16	9.996	691	692	695	rVV3	94038	139864	2.81%	0.164%
17	10.065	695	698	699	rVV2	199434	247412	4.97%	0.290%
18	10.282	713	717	721	rBV3	113319	220459	4.43%	0.258%
19	10.408	726	728	730	rVB	352919	478756	9.62%	0.561%
20	10.465	730	733	734	rBV	63321	98997	1.99%	0.116%
21	10.488	734	735	740	rVB3	52550	95214	1.91%	0.112%
22	10.556	740	741	743	rVB	146834	153730	3.09%	0.180%
23	10.648	746	749	751	rBV	1953438	1955925	39.31%	2.292%
24	10.762	757	759	762	rVB2	159384	259570	5.22%	0.304%
25	10.945	772	775	777	rBV3	128121	245339	4.93%	0.288%
26	11.036	779	783	784	rVB3	51744	96335	1.94%	0.113%
27	11.082	784	787	791	rBV3	126843	309276	6.22%	0.362%
28	11.151	791	793	795	rVB	205605	169944	3.42%	0.199%
29	11.208	795	798	799	rBV2	150828	273568	5.50%	0.321%
30	11.242	799	801	804	rVB	248479	315951	6.35%	0.370%
31	11.345	807	810	811	rBV	1325270	1698139	34.13%	1.990%
32	11.368	811	812	814	rVV	3545601	3129162	62.90%	3.667%
33	11.414	814	816	818	rVB	774379	1073153	21.57%	1.258%
34	11.448	818	819	821	rVB2	120398	145883	2.93%	0.171%

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35	11.574	827	830	834	rBV2	349552	609269	12.25%	0.714%
36	11.631	834	835	837	rVV2	140499	159267	3.20%	0.187%
37	11.676	837	839	841	rVB2	101623	124272	2.50%	0.146%
38	11.848	851	854	855	rBV	485279	586959	11.80%	0.688%
39	11.871	855	856	858	rVB	764727	661086	13.29%	0.775%
40	11.916	858	860	862	rBV2	294729	375583	7.55%	0.440%
41	11.962	862	864	868	rVB	730510	1367363	27.48%	1.603%
42	12.042	868	871	873	rBV4	107455	256575	5.16%	0.301%
43	12.134	876	879	881	rBV	271947	421635	8.47%	0.494%
44	12.168	881	882	884	rVB	229660	219013	4.40%	0.257%
45	12.294	890	893	894	rBV2	104761	180906	3.64%	0.212%
46	12.316	894	895	896	rVV	143790	131815	2.65%	0.154%
47	12.351	896	898	899	rVB2	83825	110497	2.22%	0.130%
48	12.396	899	902	903	rBV	344559	436592	8.78%	0.512%
49	12.431	903	905	908	rVV2	292928	476178	9.57%	0.558%
50	12.488	908	910	913	rVV	278865	363683	7.31%	0.426%
51	12.568	913	917	919	rVV	3920368	4975105	100.00%	5.831%
52	12.625	919	922	923	rVV2	123408	196457	3.95%	0.230%
53	12.648	923	924	926	rVB	143185	146070	2.94%	0.171%
54	12.705	926	929	931	rBV2	263818	343283	6.90%	0.402%
55	12.797	933	937	939	rVV	3047352	4928723	99.07%	5.776%
56	12.831	939	940	943	rVB2	212322	283259	5.69%	0.332%
57	12.934	944	949	952	rVB2	2063585	3291077	66.15%	3.857%
58	13.002	952	955	957	rBV2	319569	606053	12.18%	0.710%
59	13.117	961	965	966	rVV	642510	980558	19.71%	1.149%
60	13.174	966	970	972	rVV2	288684	563130	11.32%	0.660%
61	13.219	972	974	977	rVV	471260	625463	12.57%	0.733%
62	13.277	977	979	980	rVV	83899	94120	1.89%	0.110%
63	13.311	980	982	983	rVV	255441	239760	4.82%	0.281%
64	13.345	983	985	989	rVB2	180835	317878	6.39%	0.373%
65	13.494	996	998	1000	rBV2	127883	277386	5.58%	0.325%
66	13.619	1005	1009	1011	rBV2	283544	490142	9.85%	0.574%
67	13.734	1016	1019	1020	rBV	415035	499009	10.03%	0.585%
68	13.779	1022	1023	1026	rVV2	267703	581707	11.69%	0.682%
69	13.837	1026	1028	1030	rVV2	376433	522449	10.50%	0.612%
70	13.905	1031	1034	1037	rBV	66341	106788	2.15%	0.125%
71	13.985	1037	1041	1042	rBV3	1979093	3881179	78.01%	4.549%

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72	14.008	1042	1043	1047	rVB	1504199	1868310	37.55%	2.190%
73	14.088	1048	1050	1052	rVV	311028	287370	5.78%	0.337%
74	14.134	1052	1054	1057	rVV3	167606	283679	5.70%	0.332%
75	14.180	1057	1058	1059	rVV	134246	123731	2.49%	0.145%
76	14.214	1059	1061	1062	rVB2	191609	183159	3.68%	0.215%
77	14.328	1070	1071	1072	rBV	119904	148379	2.98%	0.174%
78	14.374	1072	1075	1076	rVV	412895	536240	10.78%	0.628%
79	14.408	1076	1078	1080	rVV2	173755	270791	5.44%	0.317%
80	14.465	1080	1083	1084	rVV3	210544	429555	8.63%	0.503%
81	14.500	1084	1086	1089	rVV3	192161	476230	9.57%	0.558%
82	14.568	1090	1092	1095	rVB	127126	168605	3.39%	0.198%
83	14.682	1100	1102	1103	rBV	143524	166090	3.34%	0.195%
84	14.854	1115	1117	1118	rBV	193151	216501	4.35%	0.254%
85	15.014	1128	1131	1134	rBV	1552270	3212404	64.57%	3.765%
86	15.105	1138	1139	1141	rVV	322510	411482	8.27%	0.482%
87	15.208	1145	1148	1149	rVV2	94460	206852	4.16%	0.242%
88	15.300	1153	1156	1159	rVV	841909	1242064	24.97%	1.456%
89	15.357	1159	1161	1164	rVV	1285190	1703159	34.23%	1.996%
90	15.414	1164	1166	1168	rVV	676539	1062885	21.36%	1.246%
91	15.448	1168	1169	1172	rVB2	404367	395687	7.95%	0.464%
92	15.825	1199	1202	1205	rBV	131534	234712	4.72%	0.275%
93	15.871	1205	1206	1210	rVV3	58677	132263	2.66%	0.155%
94	16.625	1269	1272	1273	rBV2	74835	132641	2.67%	0.155%
95	16.808	1285	1288	1293	rBV	542391	1166924	23.46%	1.368%
96	16.968	1300	1302	1305	rBV	99705	184873	3.72%	0.217%
97	17.026	1305	1307	1310	rVB2	74845	132640	2.67%	0.155%
98	17.231	1322	1325	1330	rBV	398472	853143	17.15%	1.000%
99	17.460	1342	1345	1353	rVB	143964	432579	8.69%	0.507%
100	19.380	1508	1513	1519	rVB2	116544	398689	8.01%	0.467%

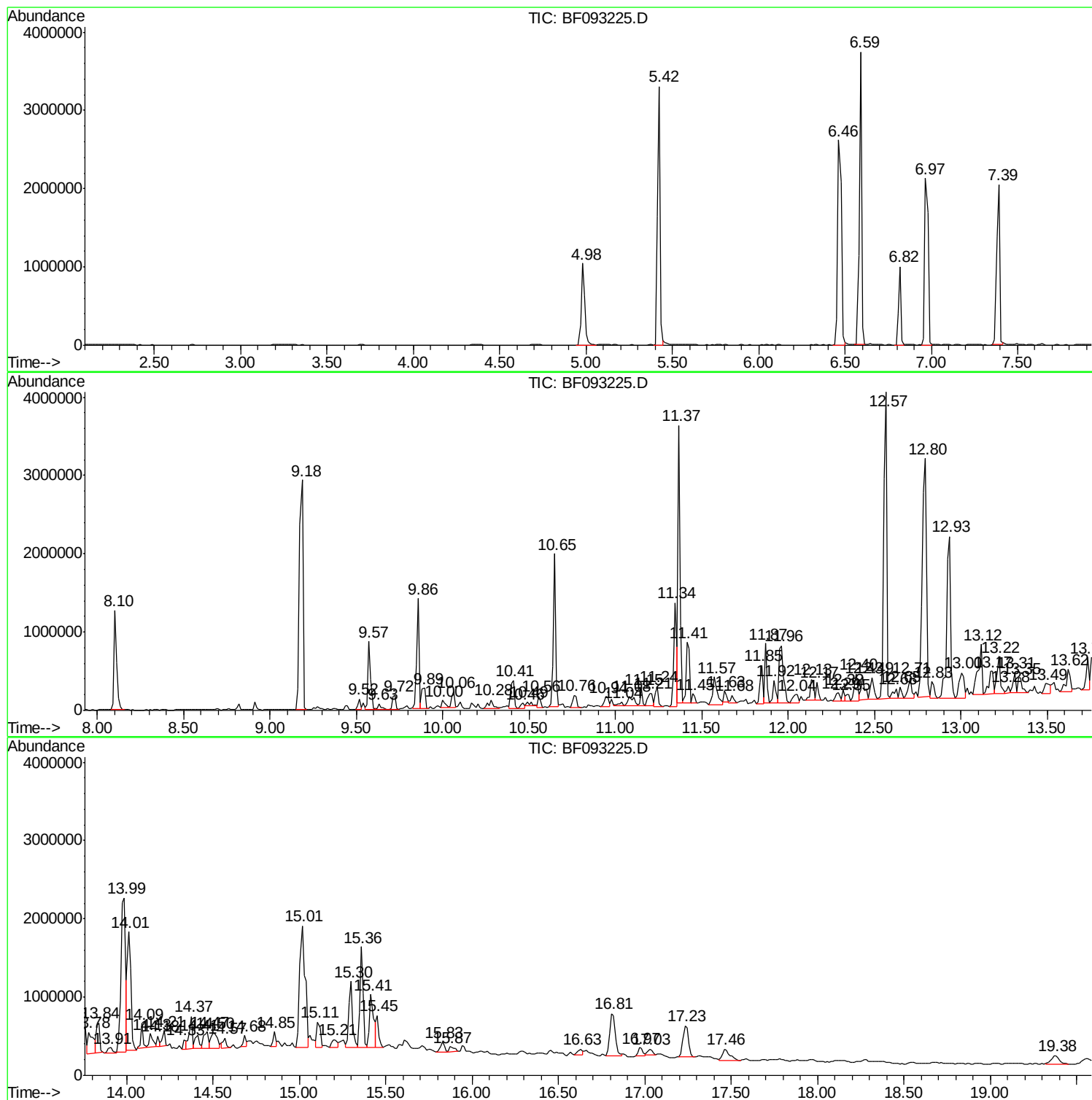
Sum of corrected areas: 85323997

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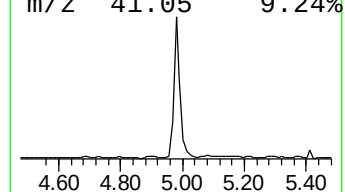
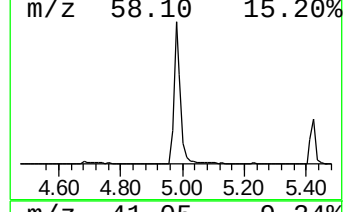
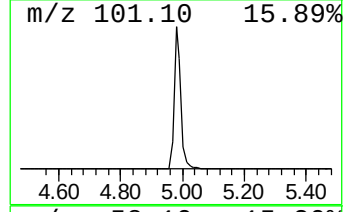
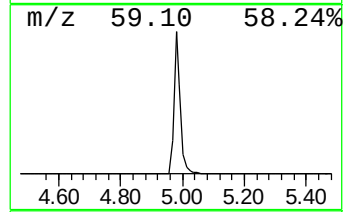
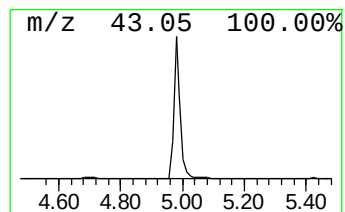
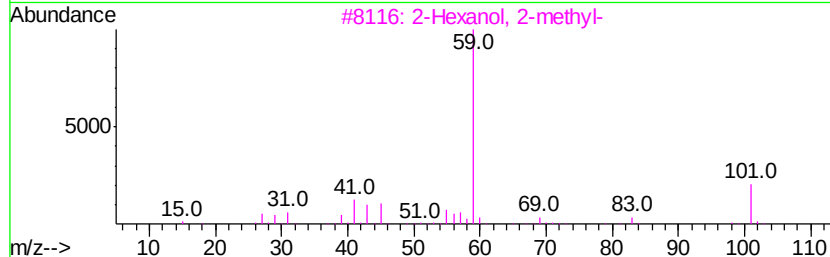
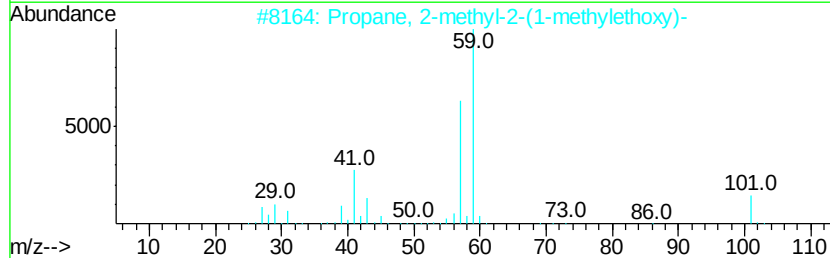
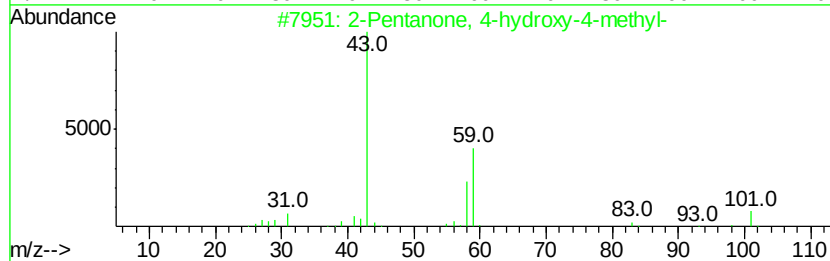
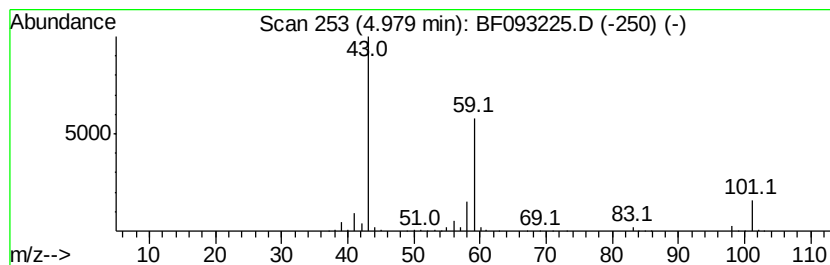
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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	29.78 ng	1483920	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		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4		3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5		Acetic acid, cyano-, 1,1-dimethyl-	141	C7H11NO2	001116-98-9	32



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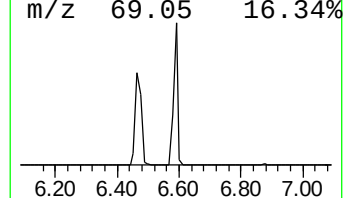
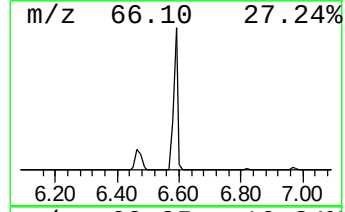
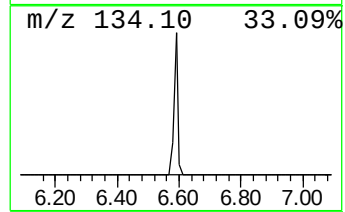
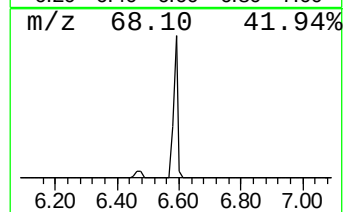
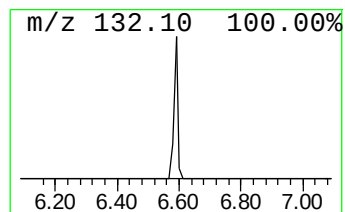
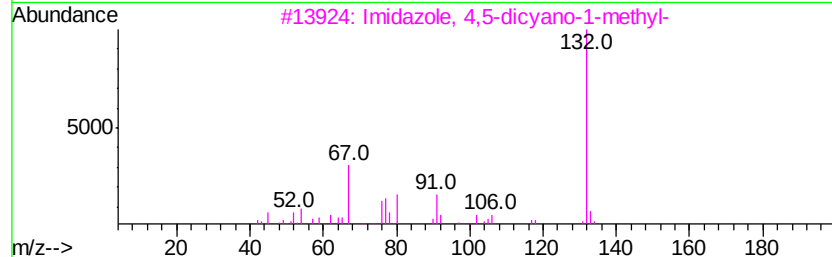
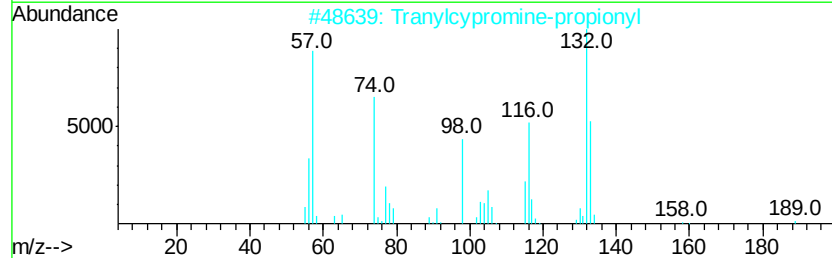
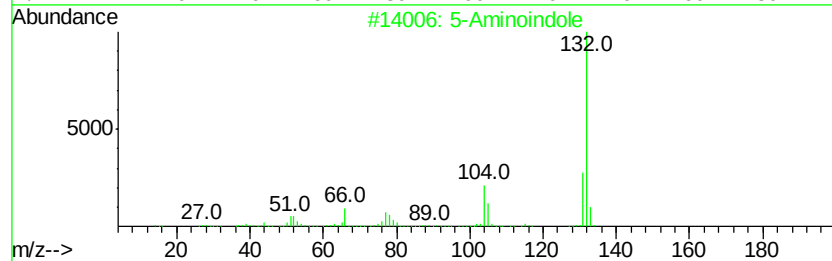
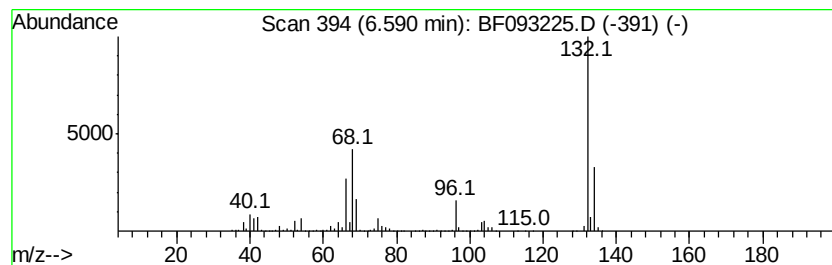
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.59 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	70.07 ng	3491810	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Aminoindole	132	C8H8N2	005192-03-0	12
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9
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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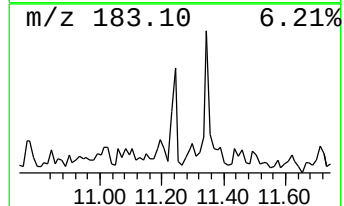
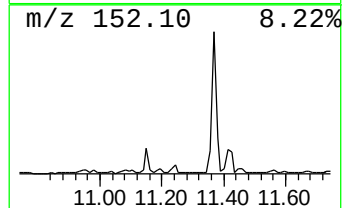
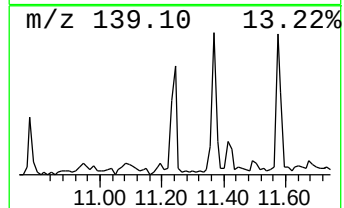
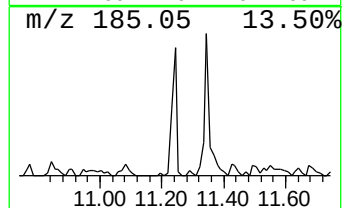
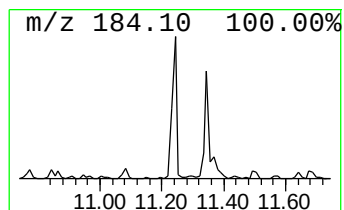
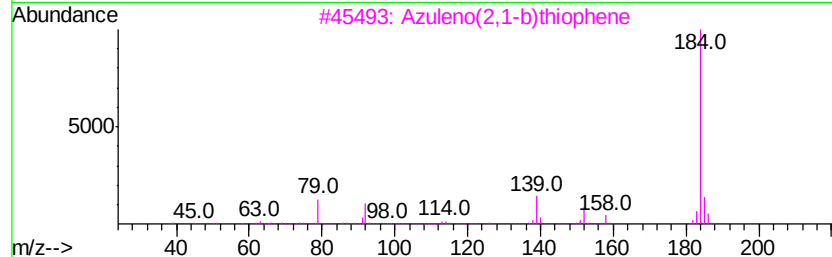
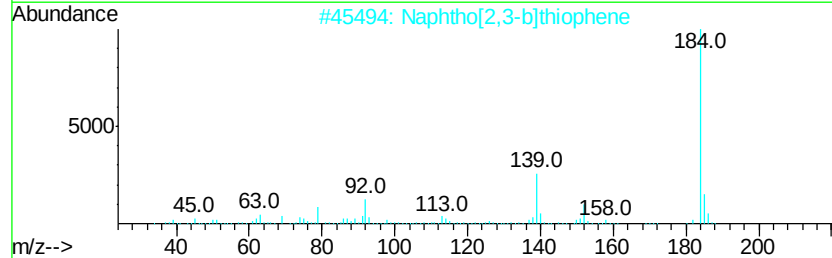
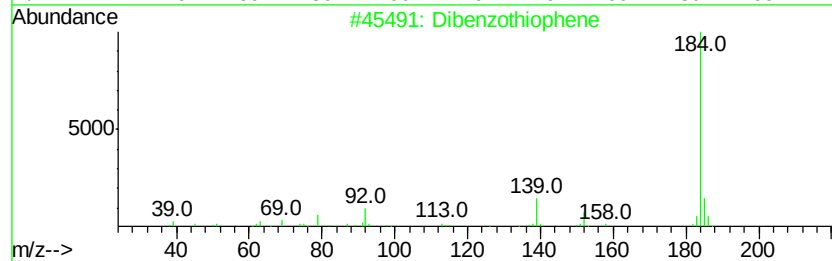
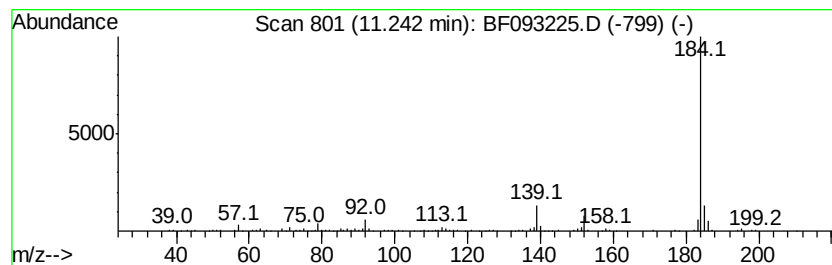
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Peak Number 4 Dibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.24	3.72 ng	315951	Phenanthrene-d10	11.35		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Dibenzothiophene	184	C12H8S	000132-65-0	94
2		Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3		Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
4		Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	80
5		Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093225.D
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Operator : SJ/MA
Sample : I1996-07
Misc :
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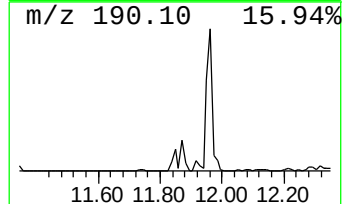
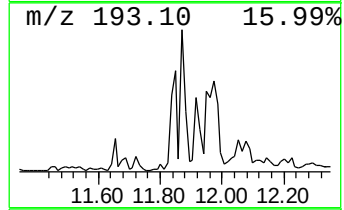
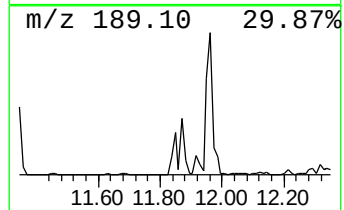
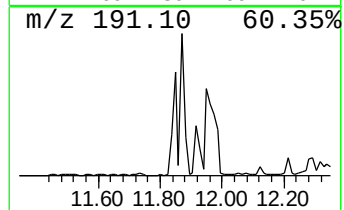
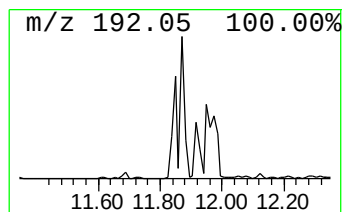
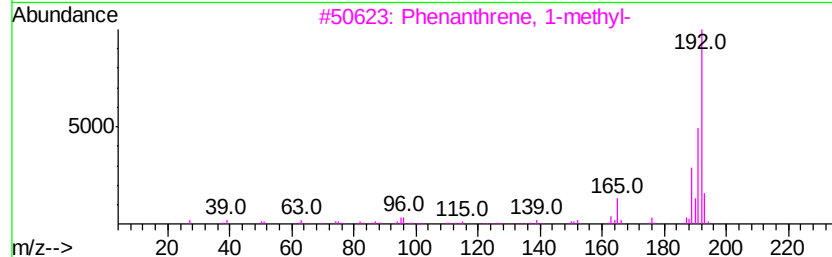
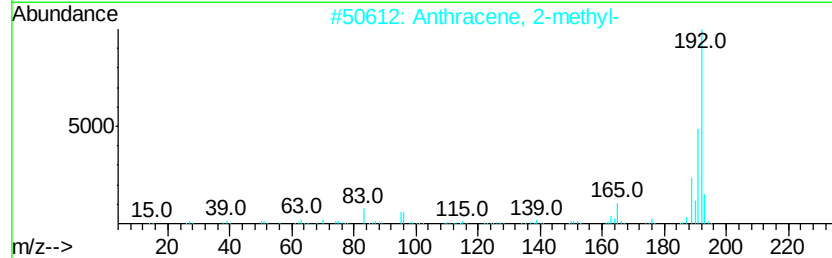
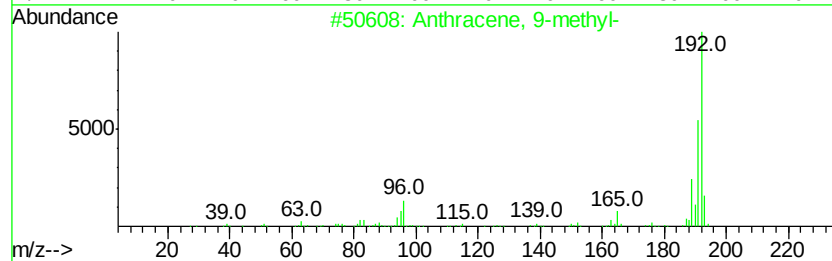
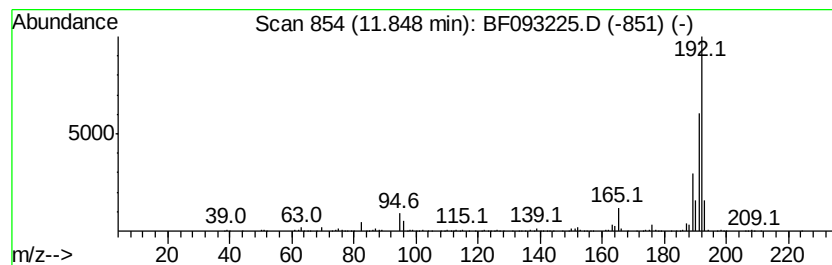
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.85	6.91 ng	586959	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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Sample : I1996-07
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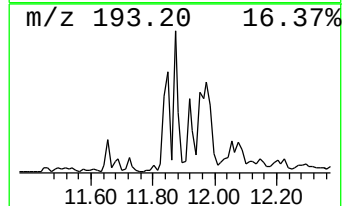
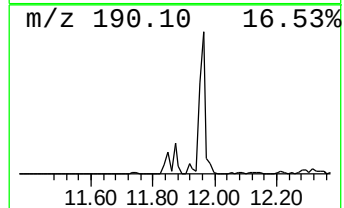
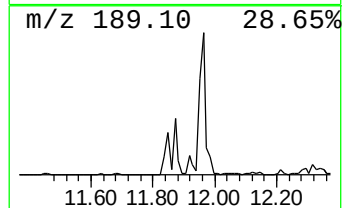
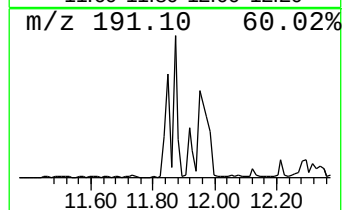
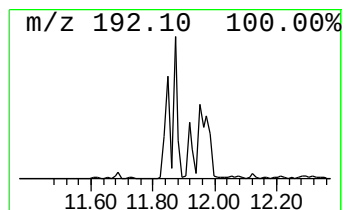
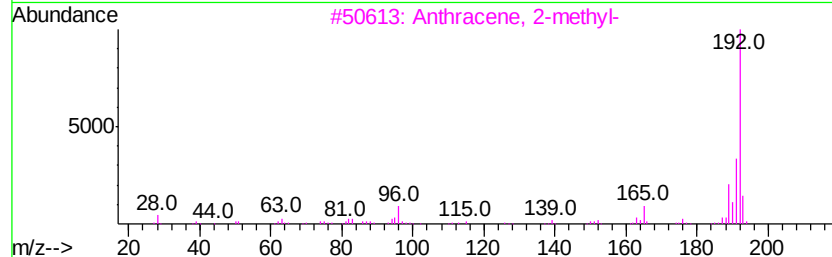
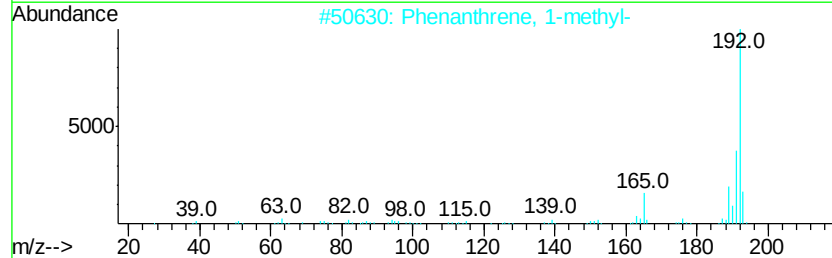
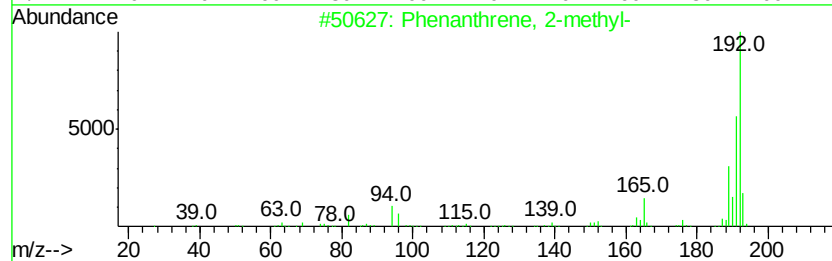
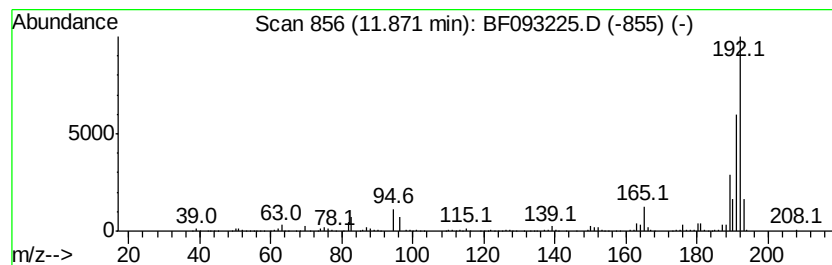
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.87	7.79 ng	661086	Phenanthrene-d10		11.35
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
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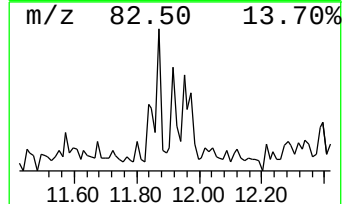
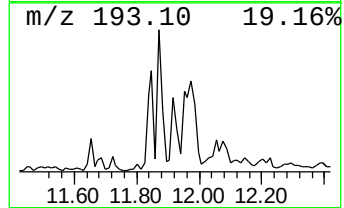
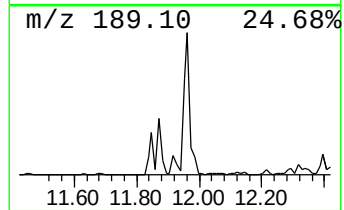
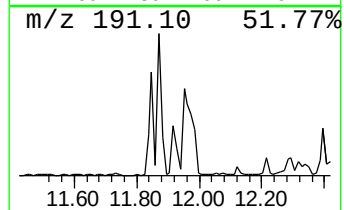
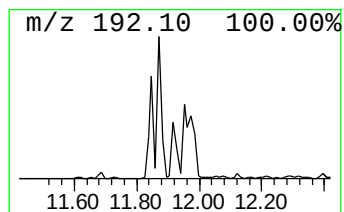
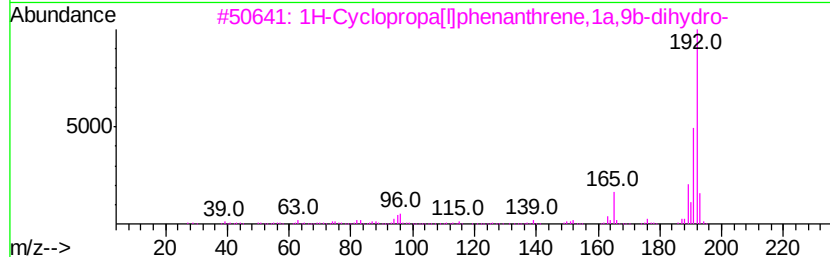
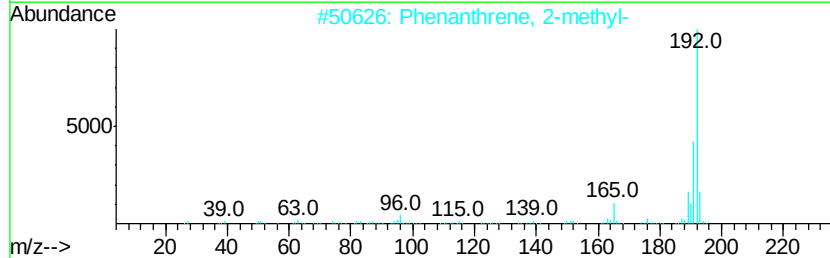
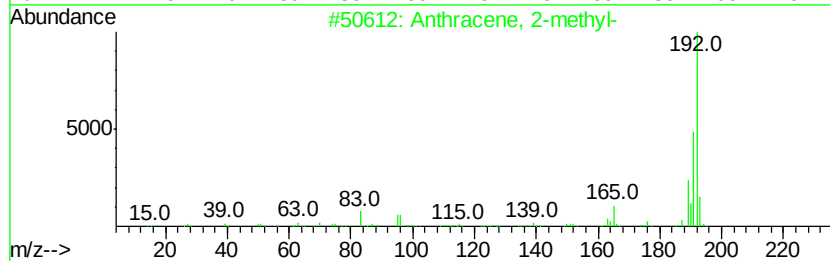
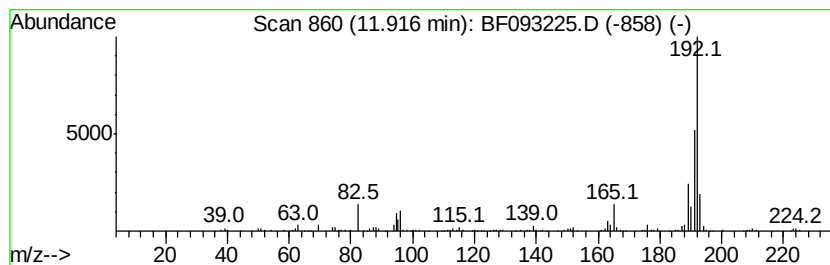
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.92	4.42 ng	375583	Phenanthrene-d10	11.35	
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	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093225.D
Acq On : 28 Feb 2017 00:46
Operator : SJ/MA
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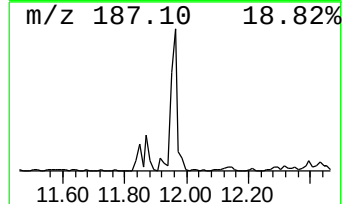
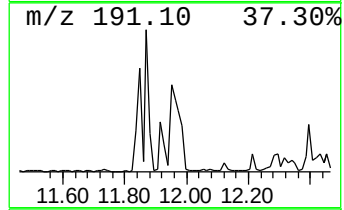
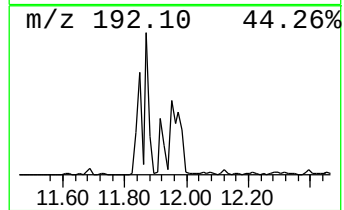
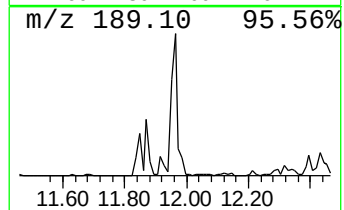
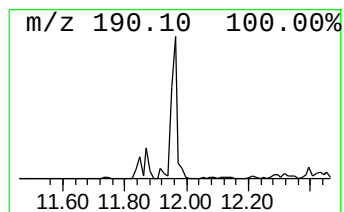
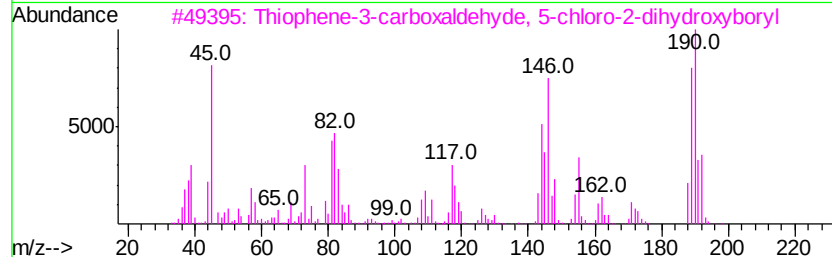
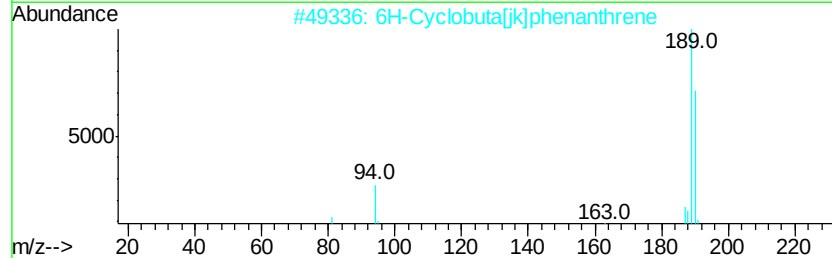
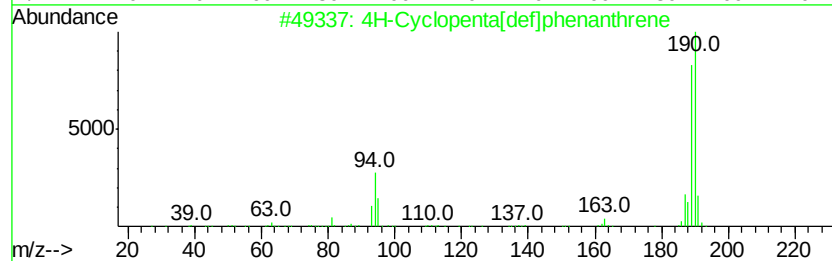
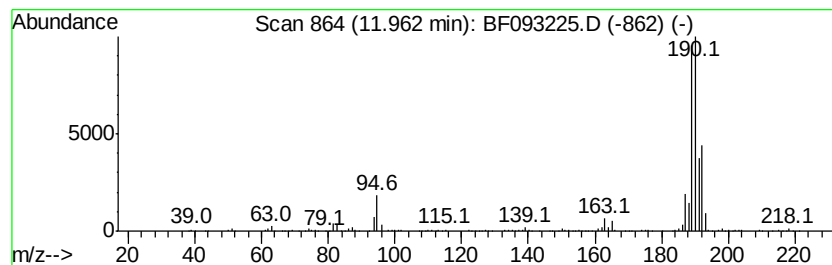
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
11.96	16.10 ng	1367360	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	59
3		Thiophene-3-carboxaldehyde, 5-chloro-2-dihydroxyboryl	190	C5H4BClO3S	036155-87-0	53
4		2,3,5,6-Tetramethylterephthalaldehyde	190	C12H14O2	007072-01-7	47
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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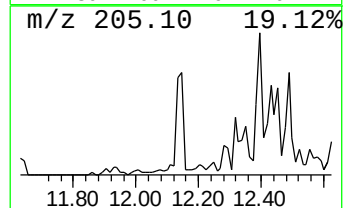
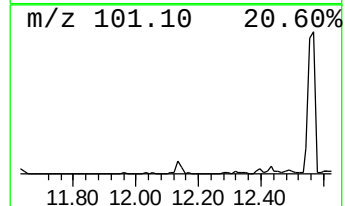
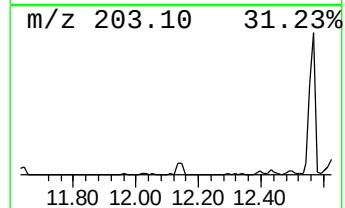
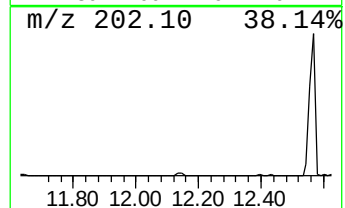
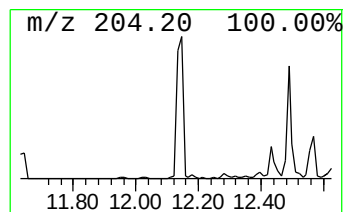
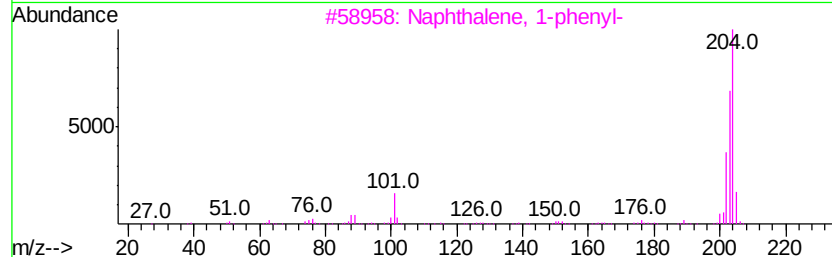
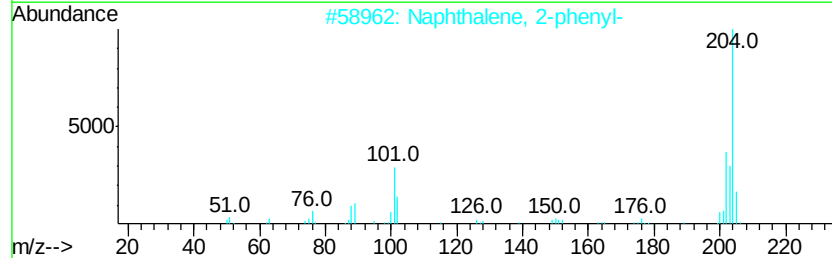
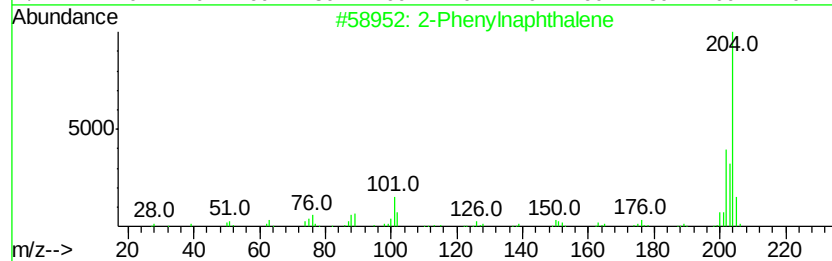
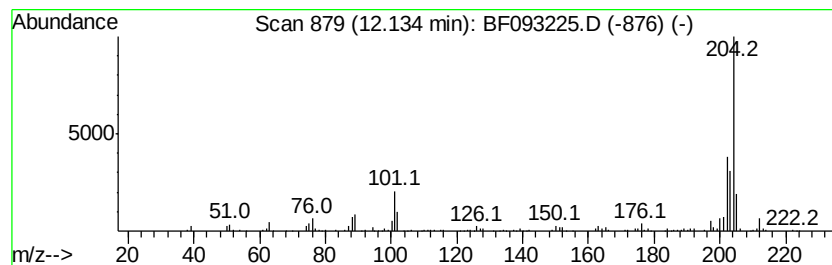
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 2-Phenylnaphthalene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	4.97 ng	421635	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Phenylnaphthalene	204	C16H12	035465-71-5	96
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	83
4		1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	78
5		Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	68



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022717\
Data File : BF093225.D
Acq On : 28 Feb 2017 00:46
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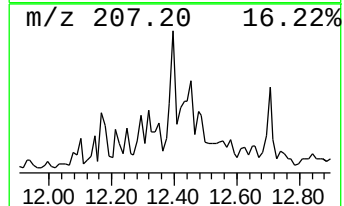
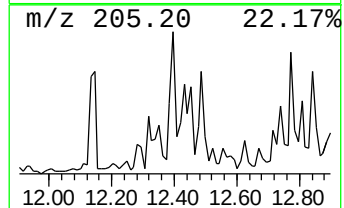
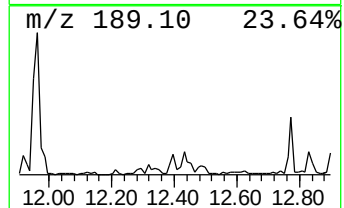
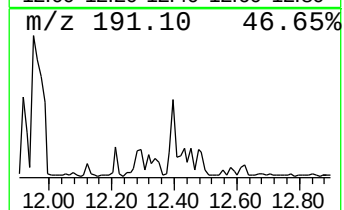
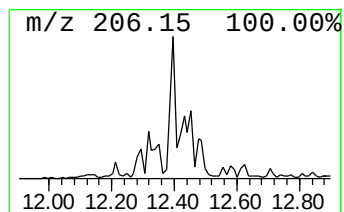
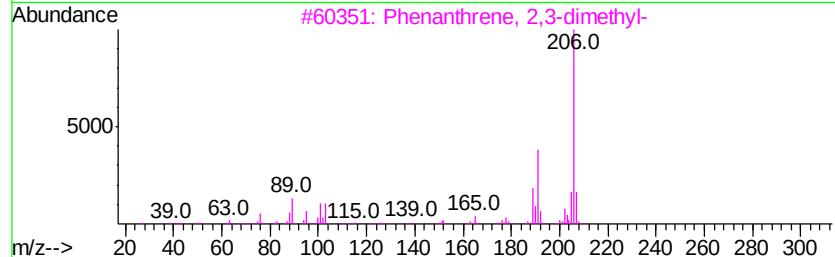
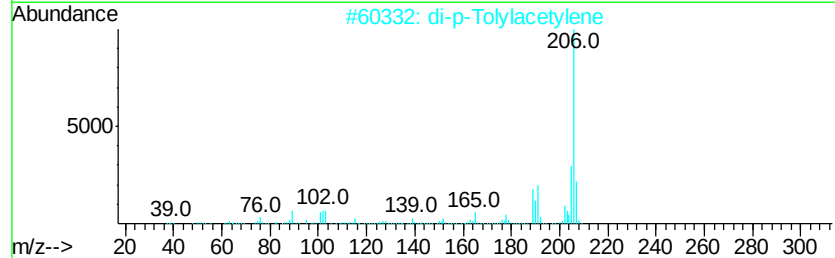
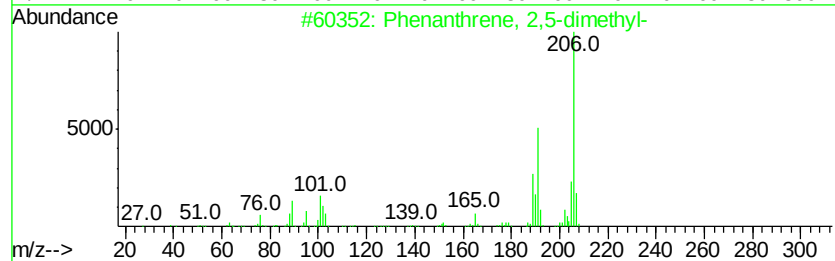
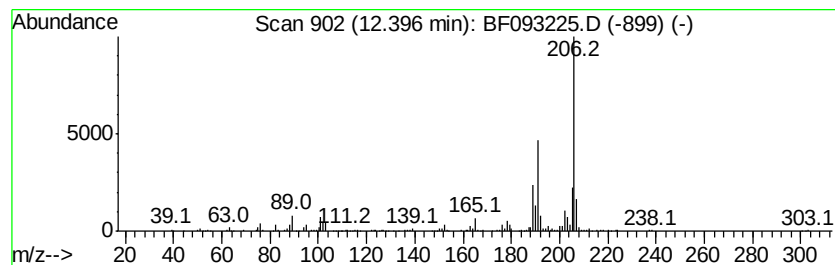
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	5.14 ng	436592	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2		di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3		Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4		Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	92
5		9,10-Dimethylantracene	206	C16H14	000781-43-1	91



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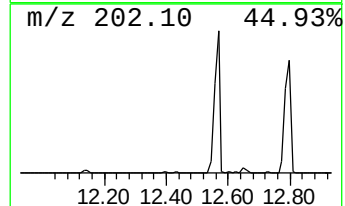
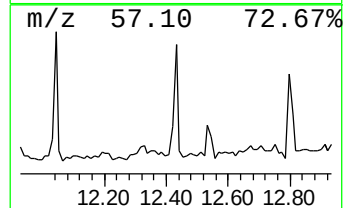
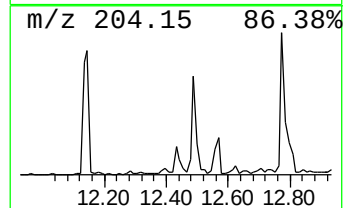
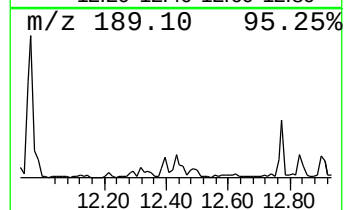
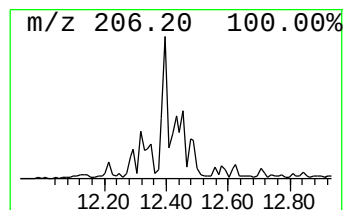
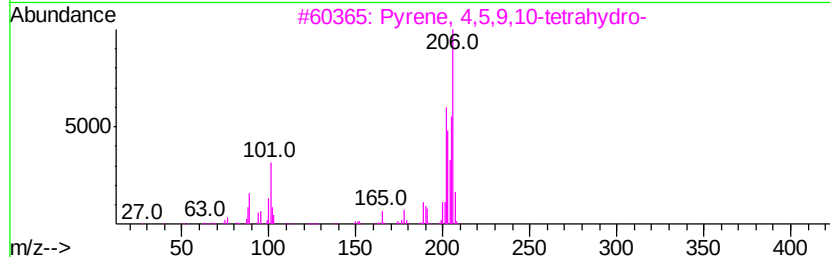
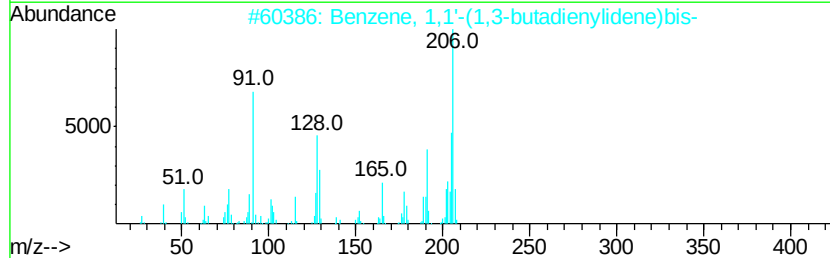
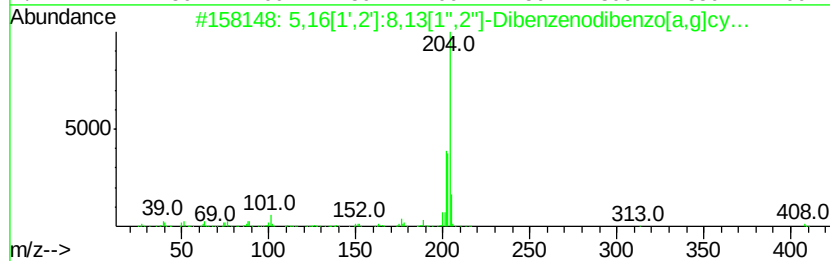
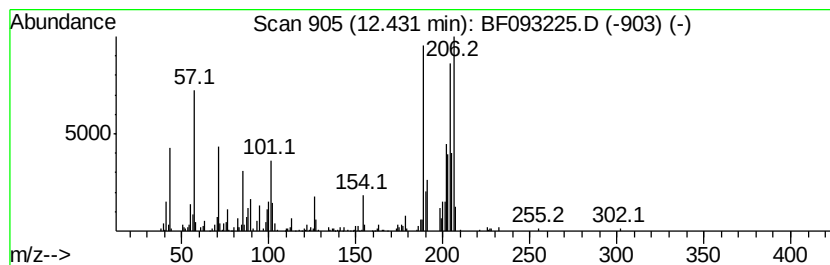
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown12.43 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.43	5.61 ng	476178	Phenanthrene-d10	11.35	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	27
2	Benzene, 1,1'-(1,3-butadienylidene...	206	C16H14	004165-81-5	25
3	Pvrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	25
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	22
5	1,4-Diphenyl-1,3-butadiene	206	C16H14	000886-65-7	22



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022717\
Data File : BF093225.D
Acq On : 28 Feb 2017 00:46
Operator : SJ/MA
Sample : I1996-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA5D-SWW

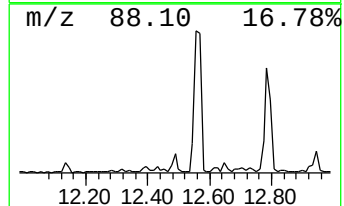
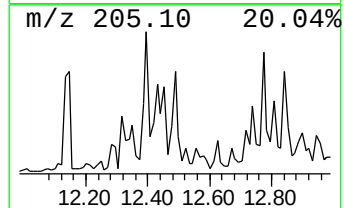
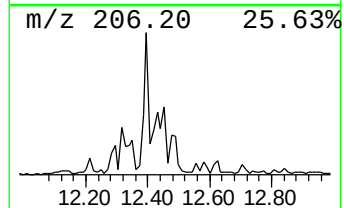
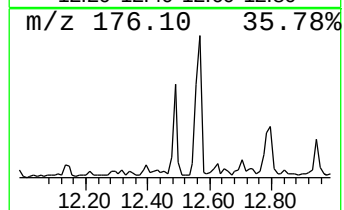
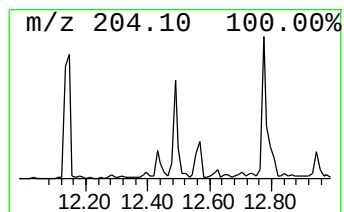
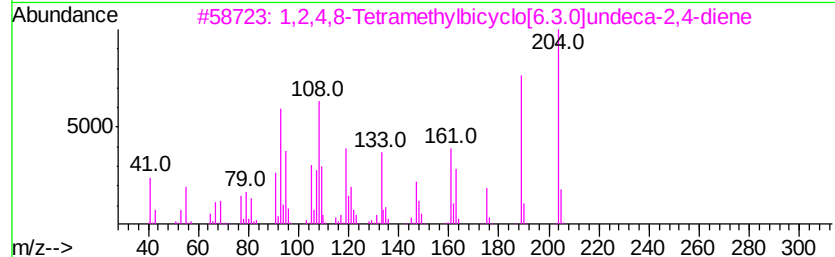
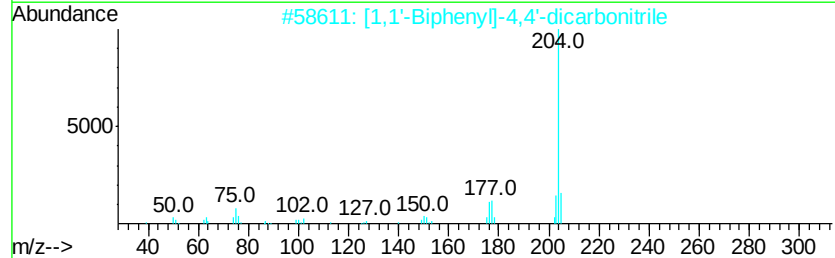
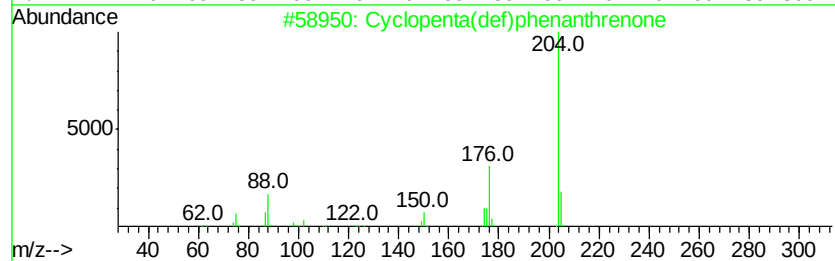
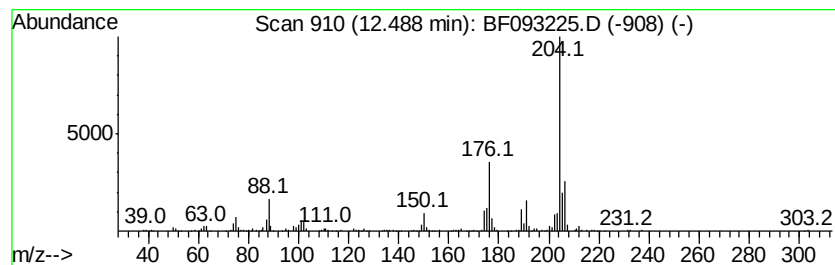
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	4.28 ng	363683	Phenanthrene-d10	11.35

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2		[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3		1,2,4,8-Tetramethylbicyclo[6.3.0]undeca-2,4-diene	204	C15H24	137235-51-9	49
4		Tricyclo[8.2.2.2(4,7)]hexadeca-2,4,6,8-tetraene	204	C16H12	006572-60-7	47
5		[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



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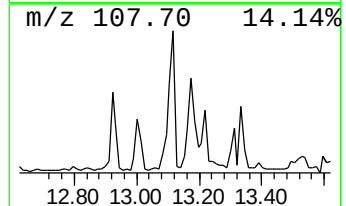
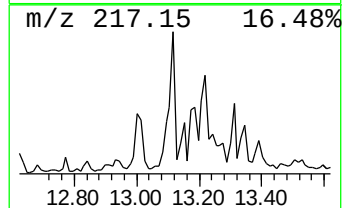
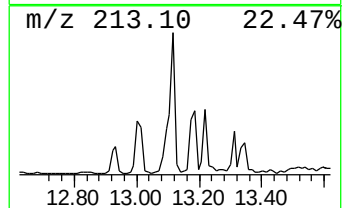
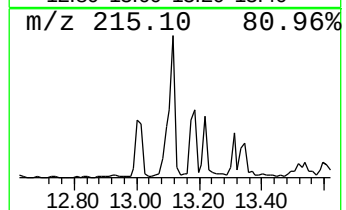
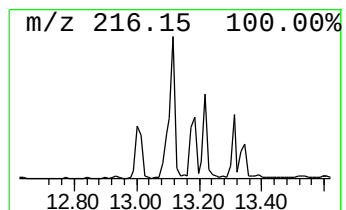
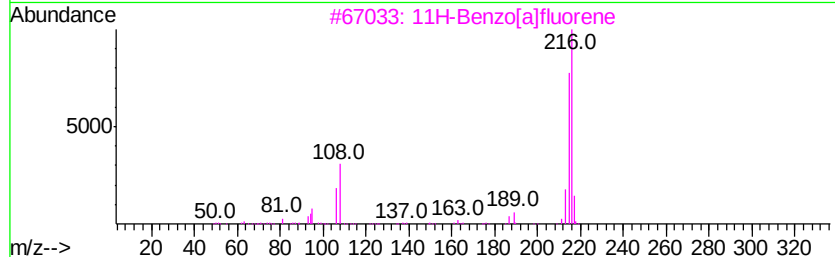
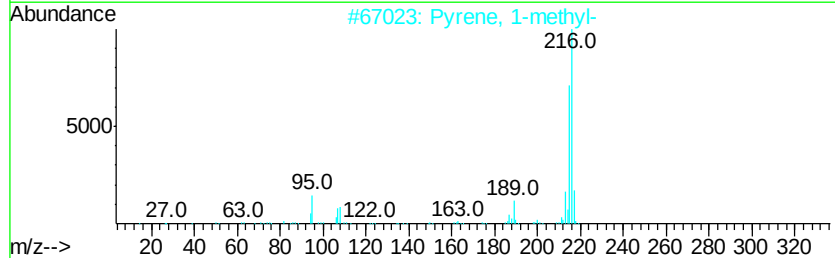
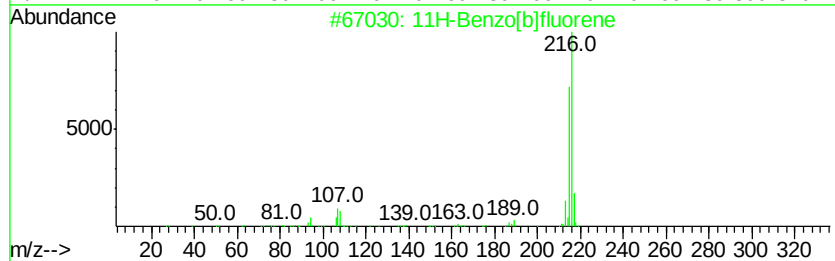
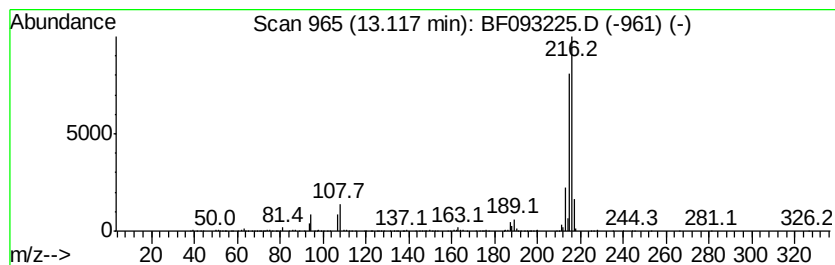
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.12	5.05 ng	980558	Chrysene-d12	13.99	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72



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Sample : I1996-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

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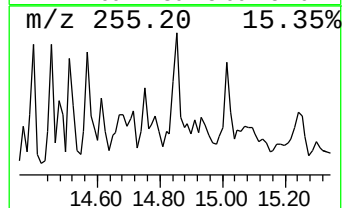
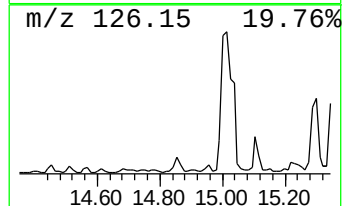
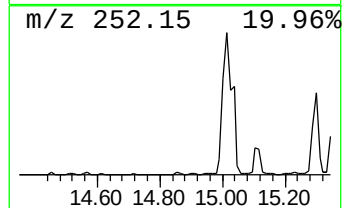
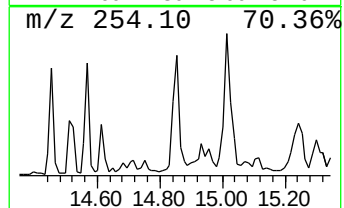
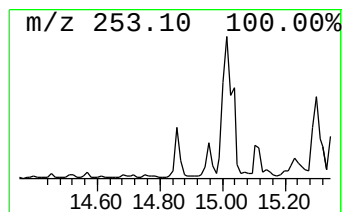
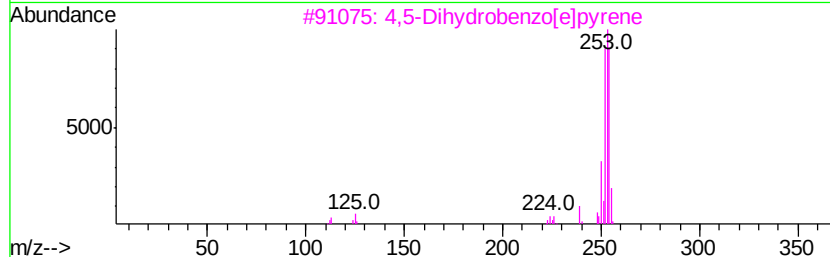
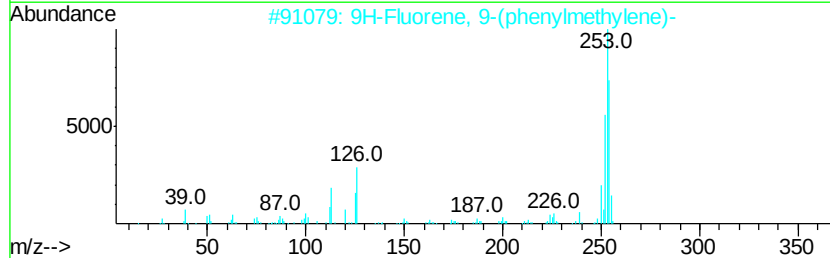
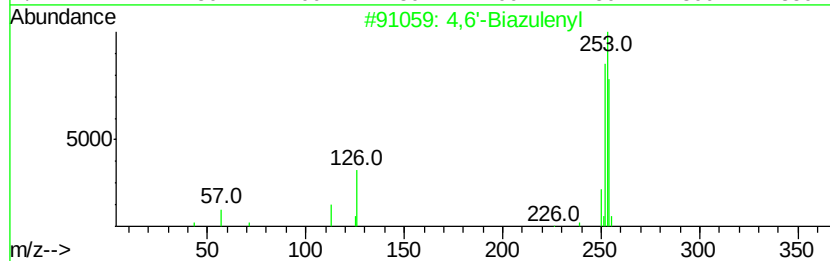
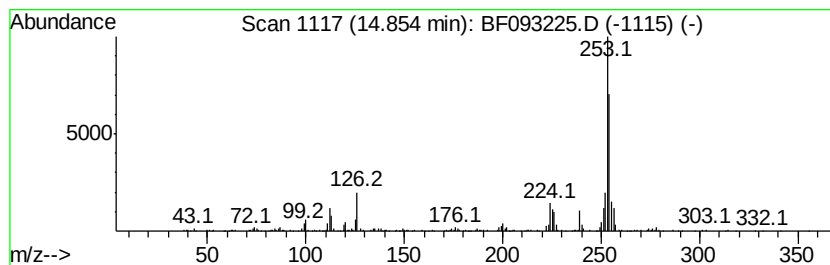
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 4,6'-Biazulenyl Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.85	4.07 ng	216501	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,6'-Biazulenyl	254	C20H14	094154-49-1	74
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	72
3		4,5-Dihydrobenzo[el]pyrene	254	C20H14	095676-42-9	68
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	55
5		Anthracene, 9-phenyl-	254	C20H14	000602-55-1	53



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Sample : I1996-07
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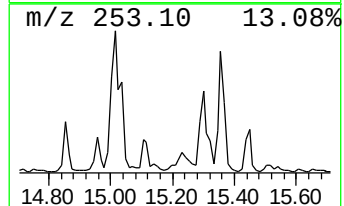
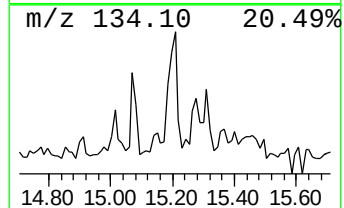
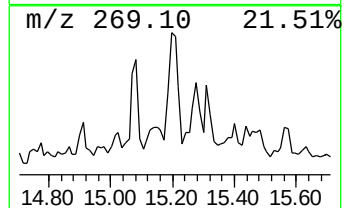
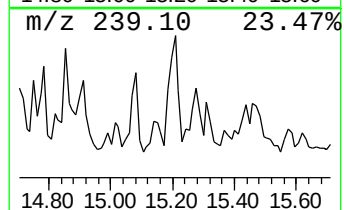
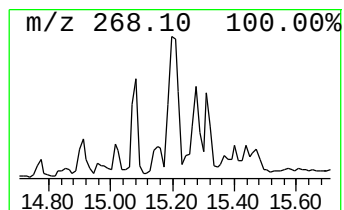
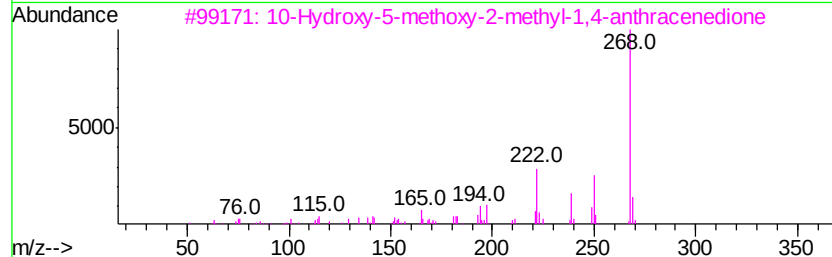
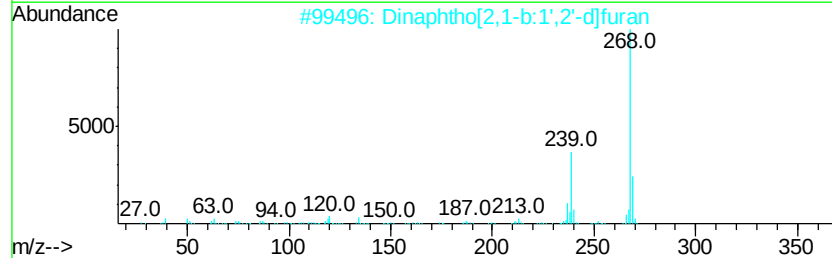
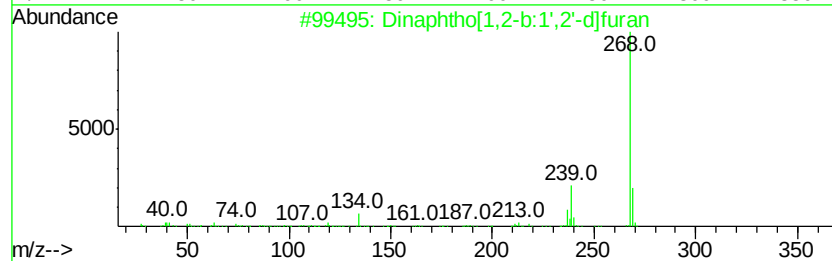
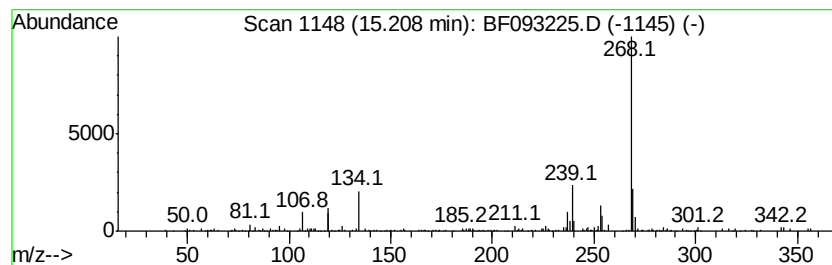
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.21	3.89 ng	206852	Perylene-d12	15.41		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		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	64
3		10-Hydroxy-5-methoxy-2-methyl-1,4-anthracenedione	268	C16H12O4	084542-45-0	50
4		9,10-Anthracenedione, 1,4,5,8-tetrakis(methylthio)-	268	C14H12N4O2	002475-45-8	50
5		trans-4'-Methyl-4-(methylthio)chalcone	268	C17H16OS	126443-27-4	47



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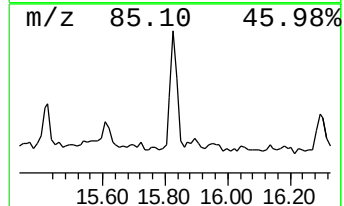
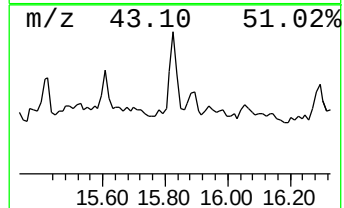
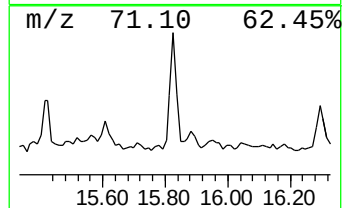
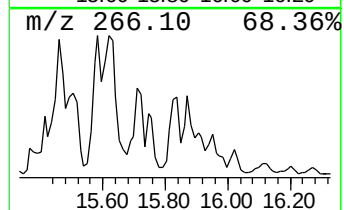
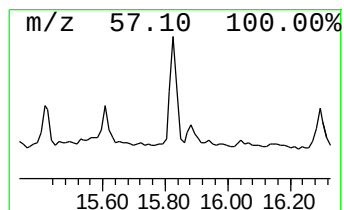
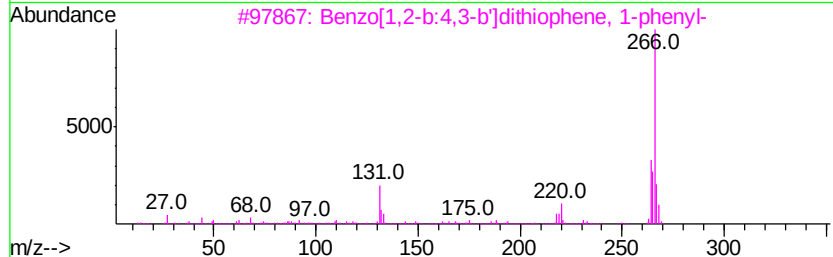
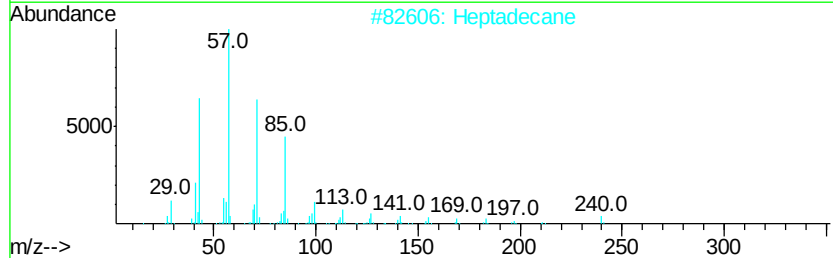
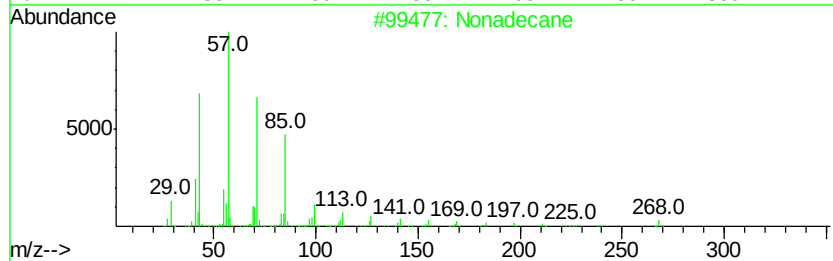
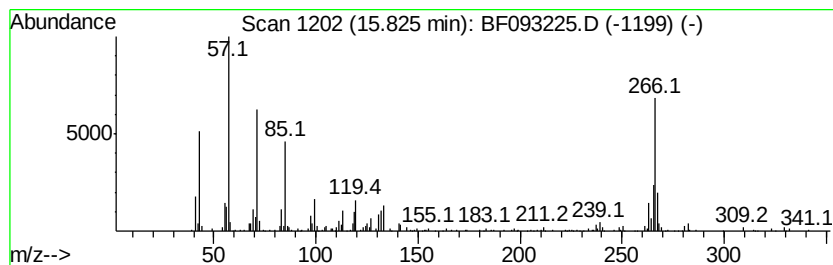
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Nonadecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.83	4.42 ng	234712	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	55
2		Heptadecane	240	C17H36	000629-78-7	47
3		Benzo[1,2-b:4,3-b']dithiophene, ...	266	C16H10S2	016587-58-9	38
4		Benz[ilaceanthrylene, 3-methyl-	266	C21H14	003343-10-0	38
5		5-Hydroxy-4-methoxy-6H-indolo[3,...	266	C15H10N2O3	018110-86-6	38



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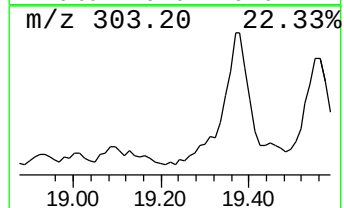
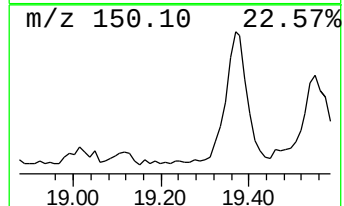
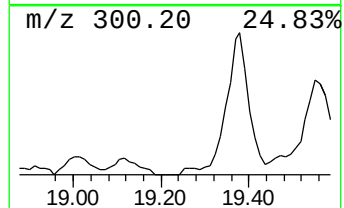
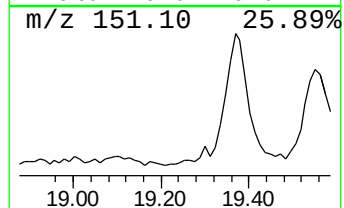
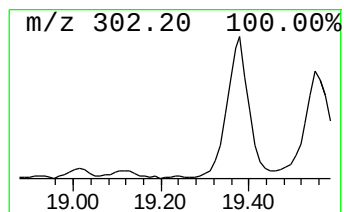
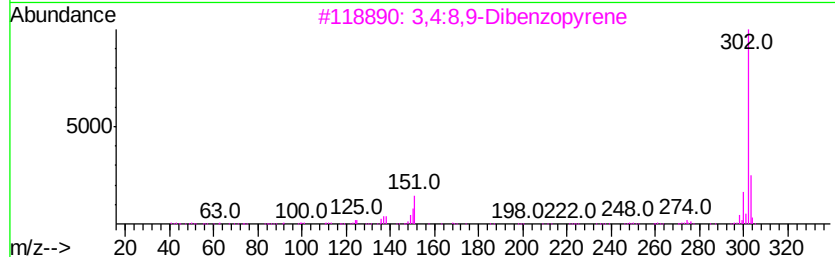
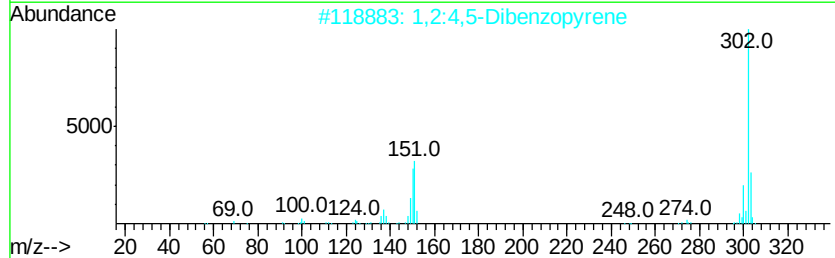
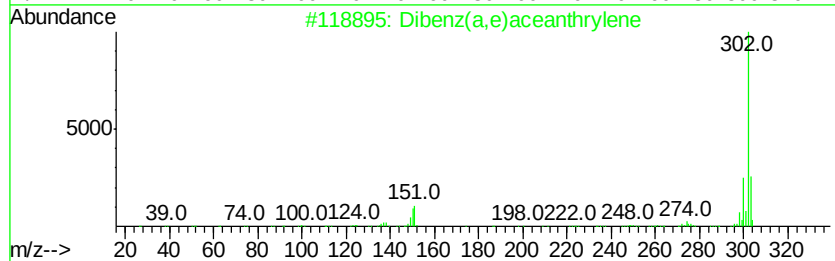
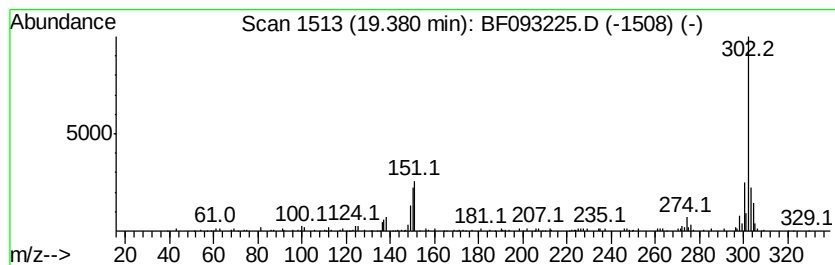
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.38	7.50 ng	398689	Perylene-d12	15.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	98
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	97
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	95
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	95



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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.98	29.8	ng	1483920	1	6.82	996635	20.0
unknown6.59	6.59	70.1	ng	3491810	1	6.82	996635	20.0
Dibenzothiophene	11.24	3.7	ng	315951	4	11.35	1698140	20.0
Anthracene, 9-met...	11.85	6.9	ng	586959	4	11.35	1698140	20.0
Phenanthrene, 2-m...	11.87	7.8	ng	661086	4	11.35	1698140	20.0
Anthracene, 2-met...	11.92	4.4	ng	375583	4	11.35	1698140	20.0
4H-Cyclopenta[def...	11.96	16.1	ng	1367360	4	11.35	1698140	20.0
2-Phenylnaphthalene	12.13	5.0	ng	421635	4	11.35	1698140	20.0
Phenanthrene, 2,5...	12.40	5.1	ng	436592	4	11.35	1698140	20.0
unknown12.43	12.43	5.6	ng	476178	4	11.35	1698140	20.0
Cyclopenta(def)ph...	12.49	4.3	ng	363683	4	11.35	1698140	20.0
11H-Benzo[b]fluorene	13.12	5.0	ng	980558	5	13.99	3881180	20.0
4,6'-Biazulenyl	14.85	4.1	ng	216501	6	15.41	1062890	20.0
Dinaphtho[1,2-b:1...	15.21	3.9	ng	206852	6	15.41	1062890	20.0
Nonadecane	15.83	4.4	ng	234712	6	15.41	1062890	20.0
Dibenz(a,e)aceant...	19.38	7.5	ng	398689	6	15.41	1062890	20.0