

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
 Data File : BF090883.D
 Acq On : 27 Oct 2016 22:52
 Operator : UM/SJ
 Sample : H5411-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-01-5.5-6.0-DUP

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-BF102616.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	4.933	246	249	257	rBV	473416	636251	5.71%	0.399%
2	5.367	284	287	289	rBV	2966106	2848894	25.57%	1.787%
3	6.407	376	378	381	rBV	1989467	2356742	21.15%	1.478%
4	6.533	387	389	392	rBV	2035924	2789393	25.04%	1.750%
5	6.773	408	410	412	rBV	751696	714068	6.41%	0.448%
6	6.933	421	424	426	rBV	1693226	2302516	20.67%	1.444%
7	7.333	457	459	462	rBV	1155087	1611506	14.46%	1.011%
8	8.065	520	523	527	rBV2	830393	1945273	17.46%	1.220%
9	8.773	583	585	587	rBV	779485	663109	5.95%	0.416%
10	8.865	591	593	596	rVB	386605	523758	4.70%	0.329%
11	9.139	614	617	619	rBV	4252895	3709620	33.30%	2.327%
12	9.242	622	626	629	rVV	210798	341584	3.07%	0.214%
13	9.402	637	640	644	rBV	347366	533937	4.79%	0.335%
14	9.470	644	646	647	rVV	667893	648047	5.82%	0.407%
15	9.493	647	648	650	rVV	287168	385935	3.46%	0.242%
16	9.539	650	652	654	rVV	987299	1100909	9.88%	0.691%
17	9.585	654	656	659	rVV2	262431	415106	3.73%	0.260%
18	9.676	661	664	666	rBV	617807	715198	6.42%	0.449%
19	9.813	673	676	677	rBV	1546575	1561887	14.02%	0.980%
20	9.848	677	679	681	rVV	2380596	2224020	19.96%	1.395%
21	9.973	687	690	692	rVV2	234089	331953	2.98%	0.208%
22	10.019	692	694	696	rVV	1758987	1689450	15.16%	1.060%
23	10.225	709	712	717	rBV4	182544	578043	5.19%	0.363%
24	10.362	722	724	726	rVV	2575977	2512908	22.55%	1.576%
25	10.419	726	729	730	rVV	266984	528076	4.74%	0.331%
26	10.442	730	731	732	rVV	424860	397588	3.57%	0.249%
27	10.488	732	735	736	rVV3	189605	452320	4.06%	0.284%
28	10.511	736	737	740	rVV	450159	670284	6.02%	0.420%
29	10.602	742	745	747	rVV	2809647	2918466	26.19%	1.831%
30	10.728	754	756	759	rVB	347934	384102	3.45%	0.241%
31	10.911	768	772	773	rBV2	465401	803208	7.21%	0.504%
32	11.036	780	783	788	rBV2	353979	923094	8.29%	0.579%
33	11.151	791	793	795	rBV	464544	769689	6.91%	0.483%
34	11.196	795	797	800	rVB	791136	1015367	9.11%	0.637%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.334	803	809	811	rBV	7197457	11141598	100.00%	6.989%
36	11.379	811	813	814	rVV	3641133	3324569	29.84%	2.086%
37	11.402	814	815	817	rVV2	348537	461221	4.14%	0.289%
38	11.528	823	826	830	rBV2	1026898	1423154	12.77%	0.893%
39	11.596	830	832	834	rVV2	482431	508362	4.56%	0.319%
40	11.802	847	850	851	rBV	1328480	1450542	13.02%	0.910%
41	11.825	851	852	854	rVB	1724708	1618260	14.52%	1.015%
42	11.871	854	856	858	rBV	662023	755815	6.78%	0.474%
43	11.916	858	860	864	rVB	1895975	3301277	29.63%	2.071%
44	12.099	873	876	880	rVB2	721501	1134802	10.19%	0.712%
45	12.248	886	889	890	rBV	252605	401837	3.61%	0.252%
46	12.351	895	898	899	rBV	594050	747629	6.71%	0.469%
47	12.385	899	901	904	rVB3	410364	822951	7.39%	0.516%
48	12.442	904	906	909	rVB2	338045	510960	4.59%	0.321%
49	12.522	909	913	915	rBV	6580338	8456071	75.90%	5.305%
50	12.568	915	917	919	rVV2	148728	305834	2.74%	0.192%
51	12.659	922	925	926	rBV	482893	630328	5.66%	0.395%
52	12.751	929	933	935	rBV2	6291706	9946562	89.27%	6.240%
53	12.785	935	936	940	rVB2	491865	589641	5.29%	0.370%
54	12.888	940	945	948	rBV3	2683567	3671551	32.95%	2.303%
55	12.957	948	951	955	rBV3	664604	1286853	11.55%	0.807%
56	13.071	956	961	962	rVB	1324140	2261152	20.29%	1.418%
57	13.128	964	966	968	rVV	838863	1098708	9.86%	0.689%
58	13.174	968	970	971	rVV	951151	1213220	10.89%	0.761%
59	13.265	976	978	979	rVV	432442	533912	4.79%	0.335%
60	13.288	979	980	984	rVB2	560668	718286	6.45%	0.451%
61	13.471	992	996	1001	rBV3	422965	1299185	11.66%	0.815%
62	13.574	1001	1005	1007	rBV2	437909	885982	7.95%	0.556%
63	13.688	1012	1015	1016	rVV2	509579	949249	8.52%	0.595%
64	13.711	1016	1017	1018	rVV	933856	875667	7.86%	0.549%
65	13.734	1018	1019	1022	rVV2	695510	1159306	10.41%	0.727%
66	13.791	1022	1024	1027	rVB2	431711	684058	6.14%	0.429%
67	13.848	1027	1029	1033	rBV	156660	345213	3.10%	0.217%
68	13.928	1033	1036	1038	rVV2	3691951	6871136	61.67%	4.310%
69	13.974	1038	1040	1043	rVV	3324965	4616811	41.44%	2.896%
70	14.042	1044	1046	1048	rVV	897384	870350	7.81%	0.546%
71	14.111	1050	1052	1054	rVV3	268705	554897	4.98%	0.348%

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72	14.168	1055	1057	1058	rVB	356563	417943	3.75%	0.262%
73	14.282	1066	1067	1068	rVV	343044	374673	3.36%	0.235%
74	14.328	1068	1071	1072	rVV	893784	1500746	13.47%	0.941%
75	14.351	1072	1073	1075	rVV	491954	706335	6.34%	0.443%
76	14.420	1075	1079	1080	rVV4	662715	1203602	10.80%	0.755%
77	14.465	1080	1083	1085	rVV3	592229	1292066	11.60%	0.811%
78	14.522	1085	1088	1091	rVV3	347162	637172	5.72%	0.400%
79	14.625	1095	1097	1102	rVV4	330936	814696	7.31%	0.511%
80	14.717	1102	1105	1109	rVB4	206497	524199	4.70%	0.329%
81	14.797	1109	1112	1116	rBV4	300767	723313	6.49%	0.454%
82	14.968	1123	1127	1131	rBV	3271003	8107064	72.76%	5.086%
83	15.048	1133	1134	1136	rVB	623454	817143	7.33%	0.513%
84	15.151	1140	1143	1145	rBV2	212742	623959	5.60%	0.391%
85	15.242	1148	1151	1154	rVV	2439958	3449762	30.96%	2.164%
86	15.300	1154	1156	1159	rVV	2984531	4690142	42.10%	2.942%
87	15.357	1159	1161	1162	rVV	725636	1017008	9.13%	0.638%
88	15.380	1162	1163	1166	rVB2	1070596	1410326	12.66%	0.885%
89	15.551	1173	1178	1182	rVB	230704	783948	7.04%	0.492%
90	15.757	1193	1196	1198	rBV	156753	341727	3.07%	0.214%
91	15.871	1204	1206	1211	rVB2	241628	399304	3.58%	0.250%
92	16.397	1250	1252	1260	rVB4	166935	529283	4.75%	0.332%
93	16.534	1261	1264	1274	rVB3	225894	899373	8.07%	0.564%
94	16.728	1276	1281	1284	rVB	1401165	2914296	26.16%	1.828%
95	16.877	1290	1294	1296	rBV	310401	670069	6.01%	0.420%
96	16.934	1296	1299	1301	rBV2	214562	389475	3.50%	0.244%
97	17.128	1311	1316	1323	rBV	1029978	2484826	22.30%	1.559%
98	17.334	1331	1334	1341	rVB2	338246	760965	6.83%	0.477%
99	19.197	1491	1497	1504	rVB	216806	893497	8.02%	0.561%
100	19.357	1505	1511	1515	rBV	154406	603014	5.41%	0.378%

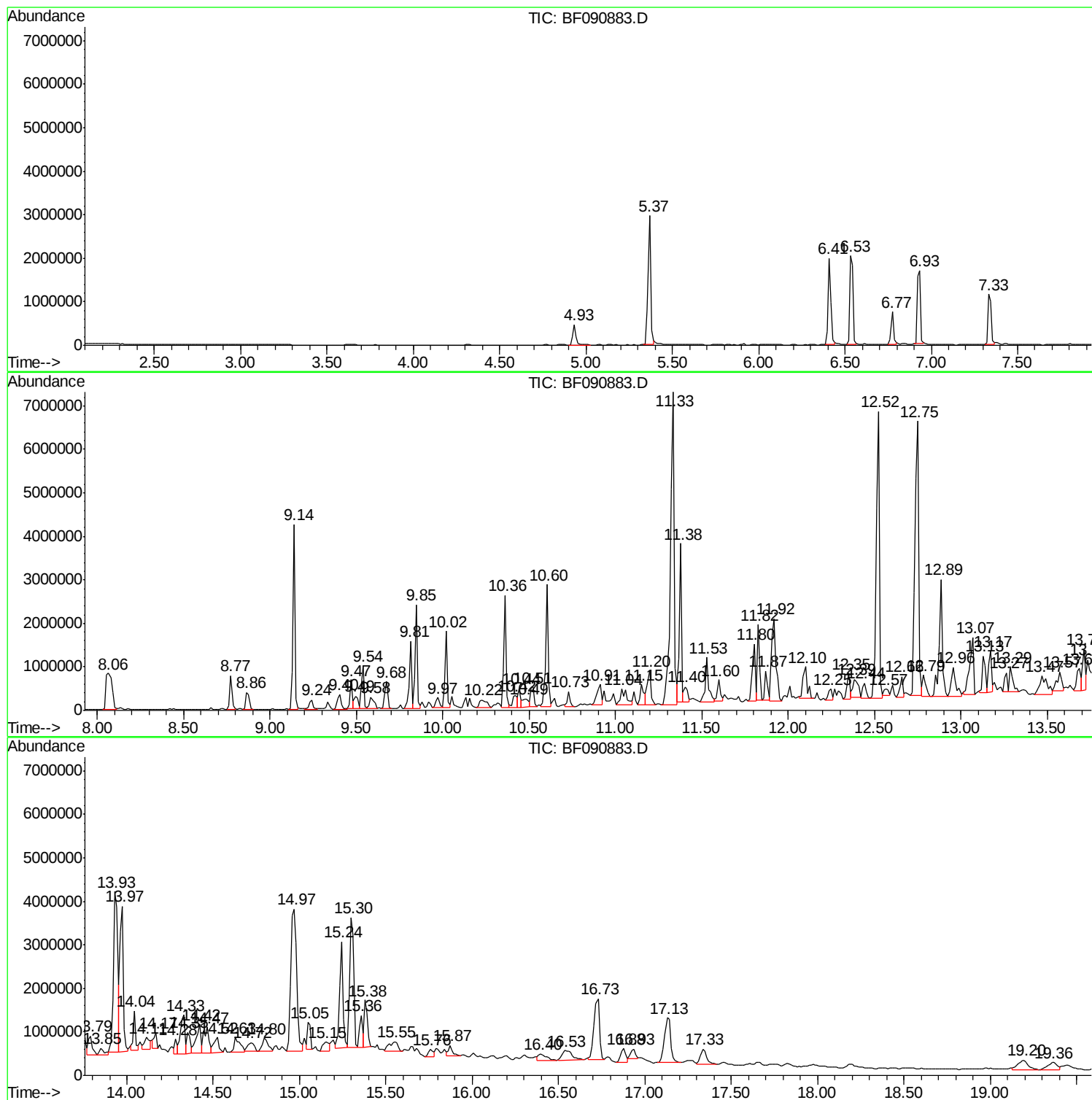
Sum of corrected areas: 159409176

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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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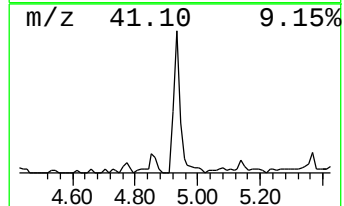
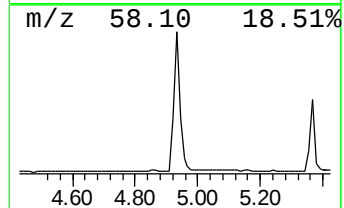
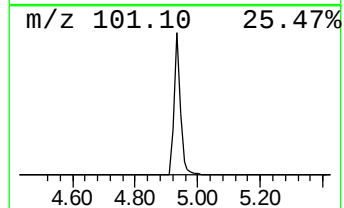
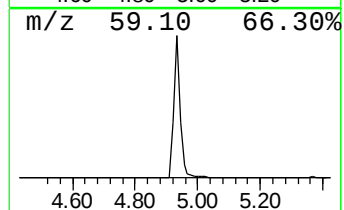
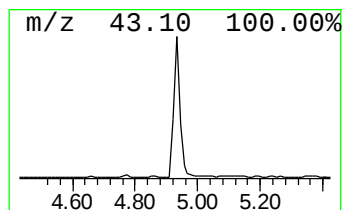
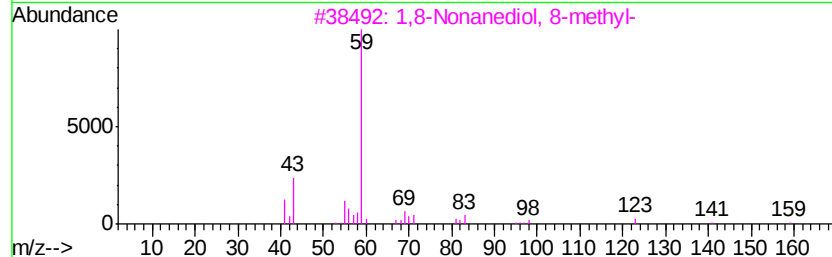
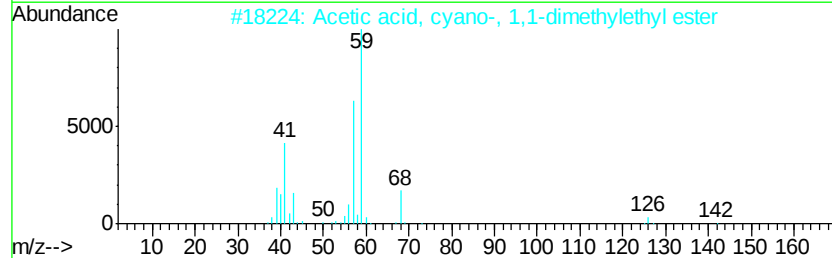
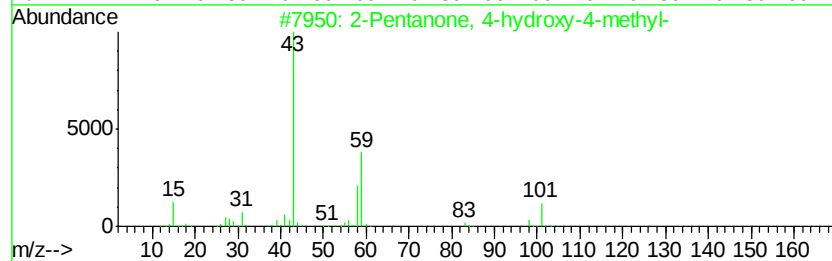
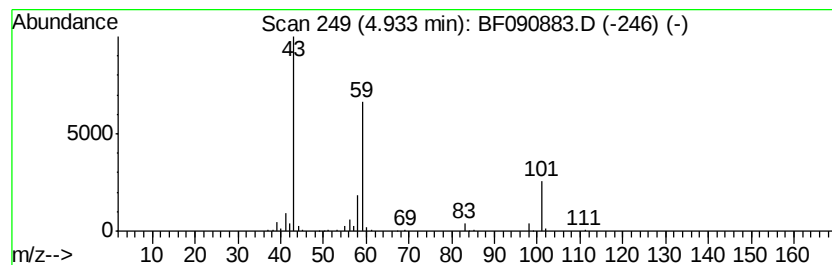
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.93	17.82 ng	636251	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2			Acetic acid, cyano-, 1,1-dimethyl...	141	C7H11NO2	001116-98-9	25
3			1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	23
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9
5			Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9



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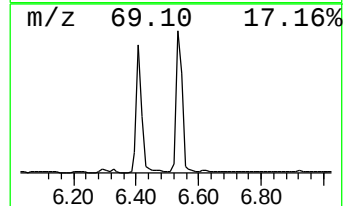
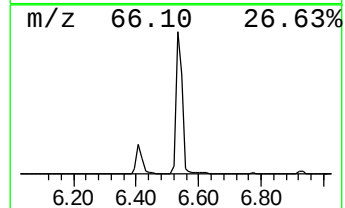
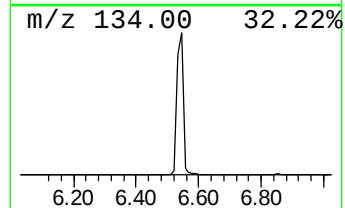
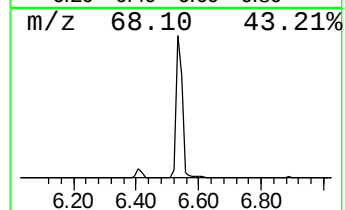
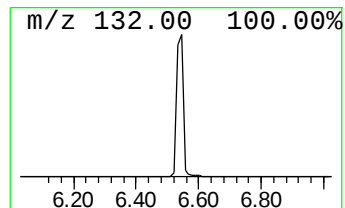
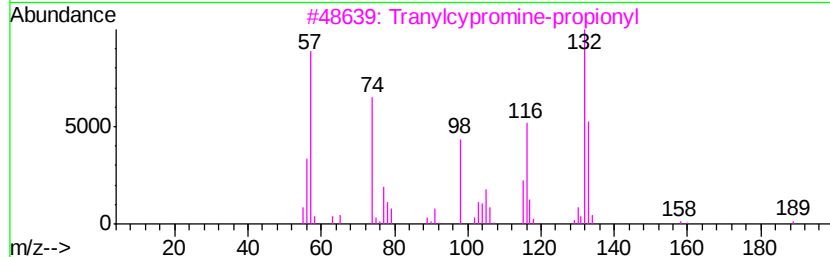
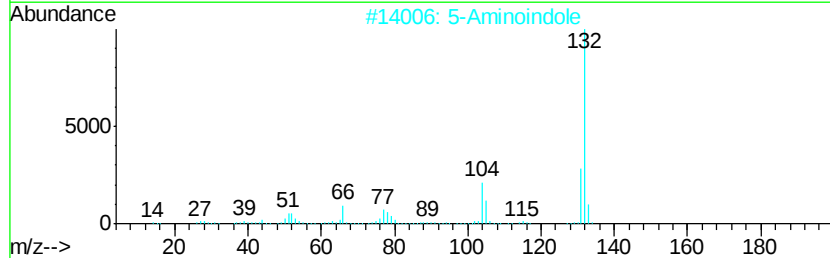
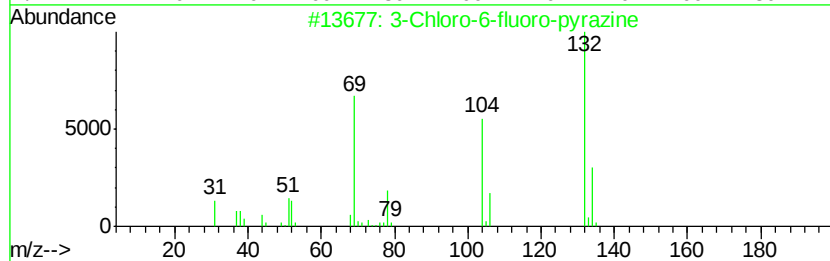
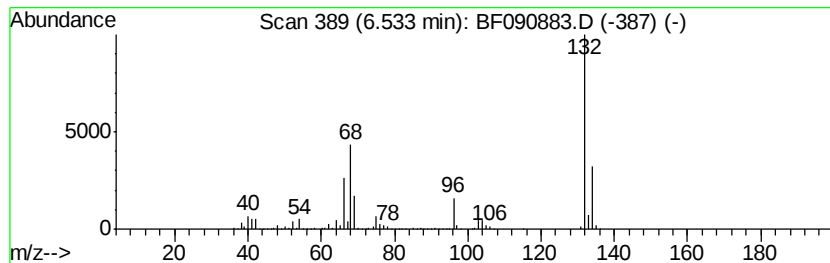
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.53 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	78.13 ng	2789390	1,4-Dichlorobenzene-d4	6.77

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2			5-Aminoindole	132	C8H8N2	005192-03-0	12
3			Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
4			4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9



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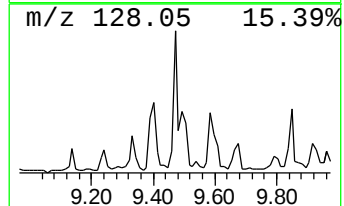
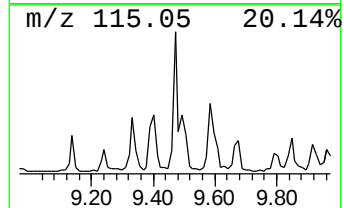
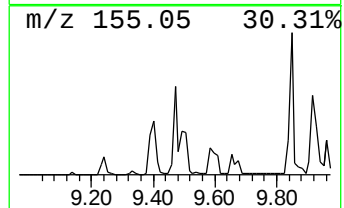
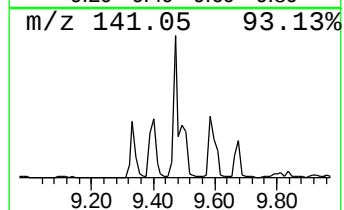
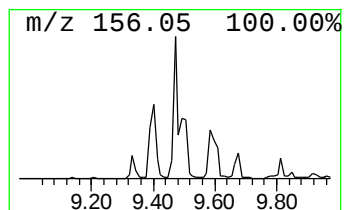
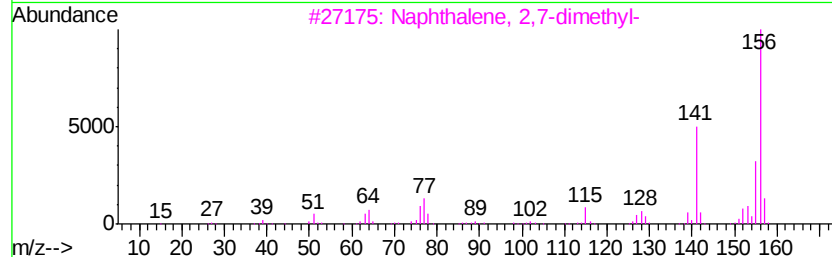
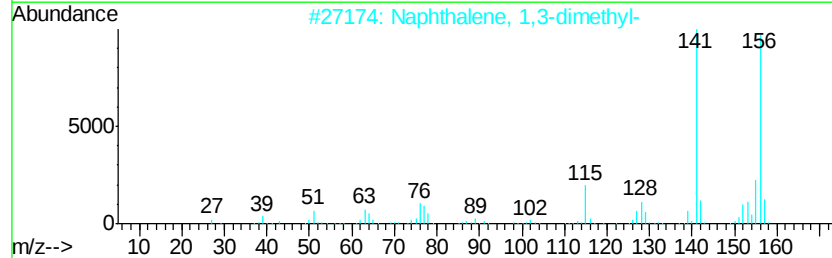
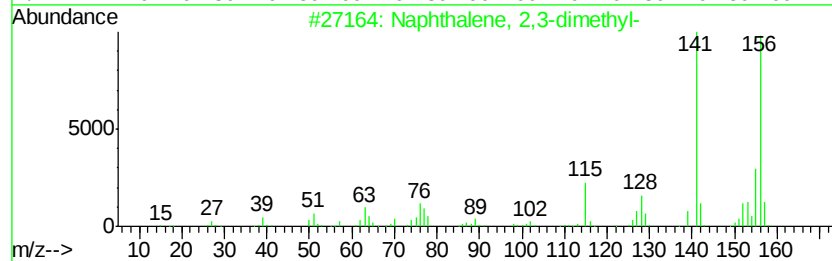
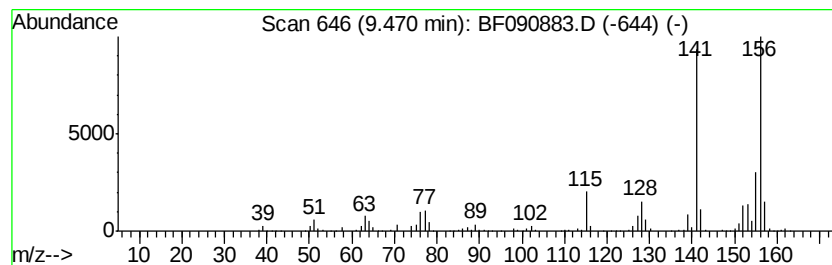
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.47	8.30 ng	648047	Acenaphthene-d10	9.81
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 98
2		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 98
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,2-dimethyl-	156 C12H12	000573-98-8 96
5		Naphthalene, 1,7-dimethyl-	156 C12H12	000575-37-1 96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090883.D
Acq On : 27 Oct 2016 22:52
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Sample : H5411-02
Misc :
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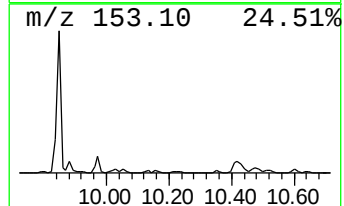
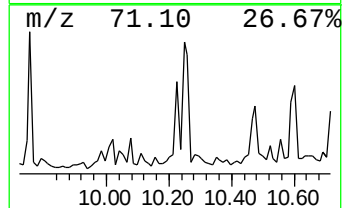
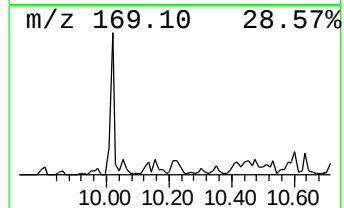
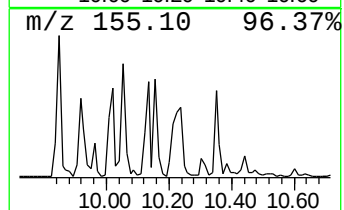
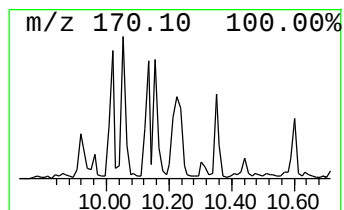
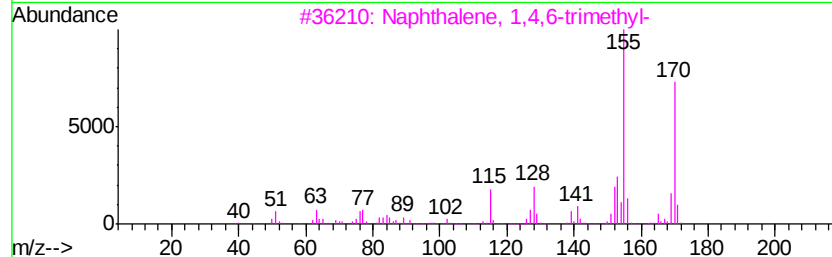
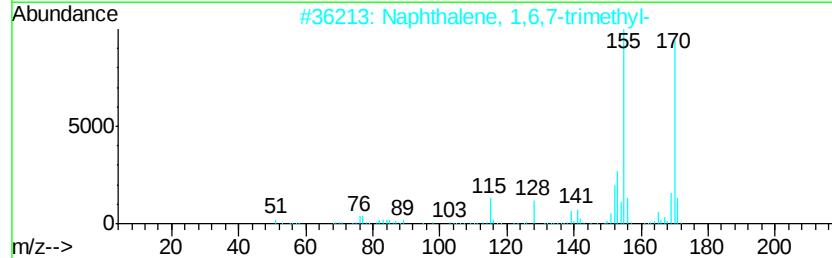
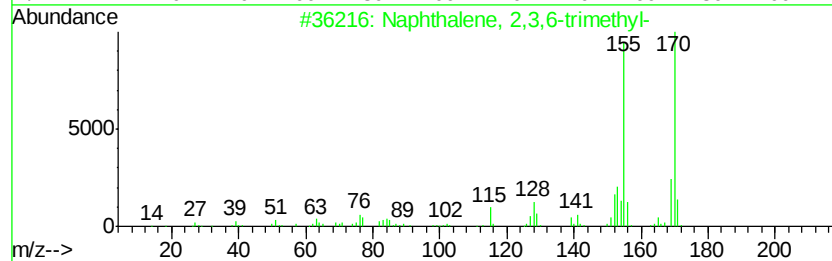
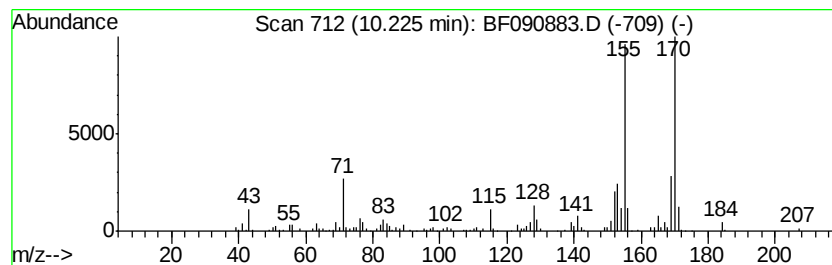
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 2,3,6-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	7.40 ng	578043	Acenaphthene-d10	9.81

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
5		Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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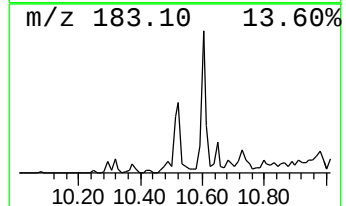
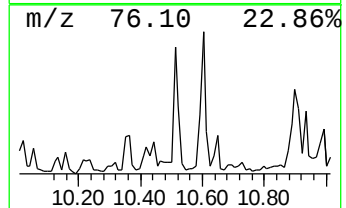
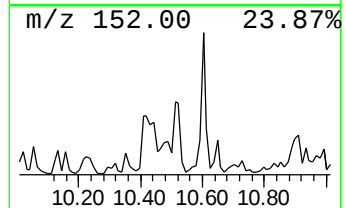
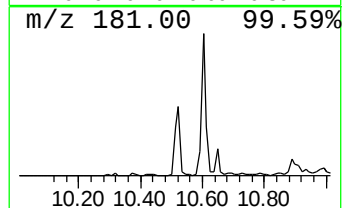
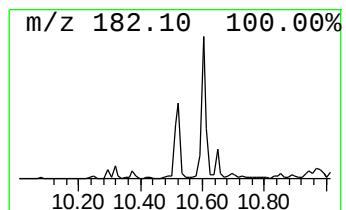
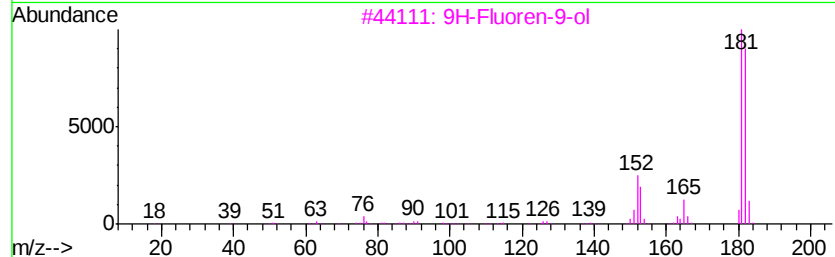
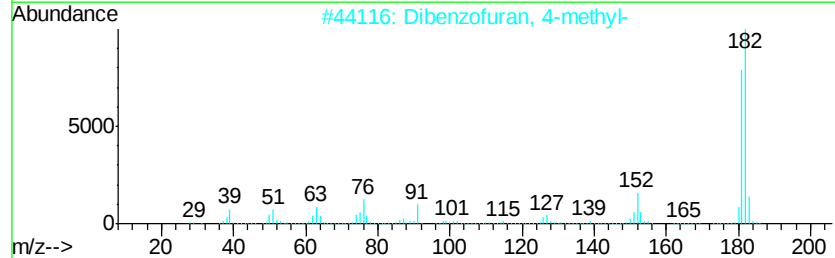
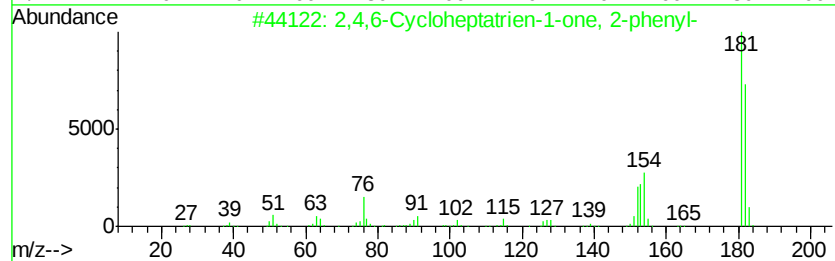
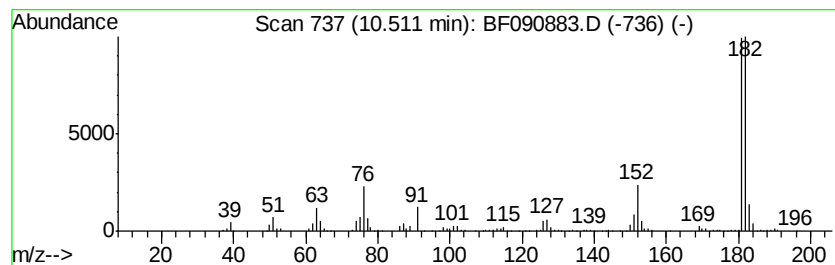
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 2,4,6-Cycloheptatrien-1-one... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	8.58 ng	670284	Acenaphthene-d10	9.81

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	91
2		Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3		9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4		[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
5		9H-Xanthene	182	C13H10O	000092-83-1	78



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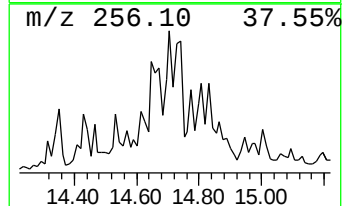
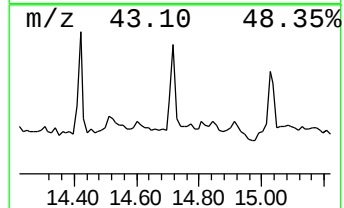
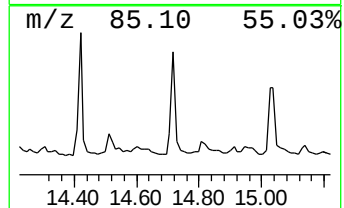
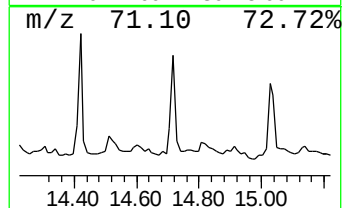
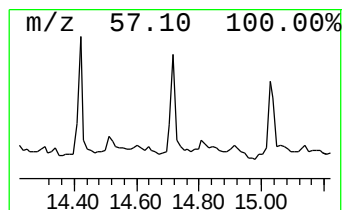
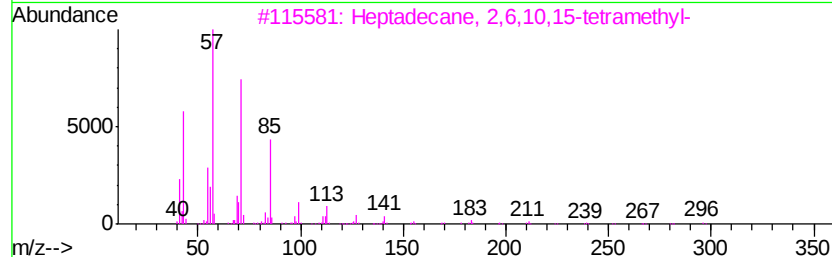
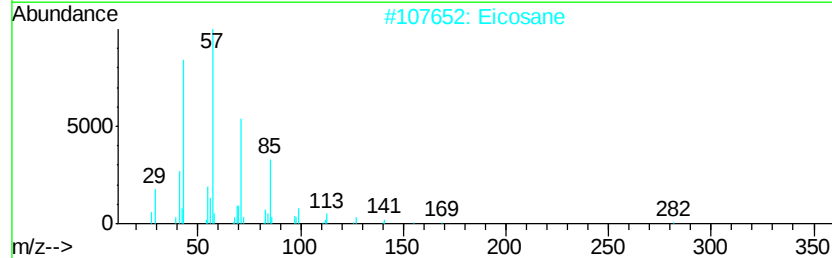
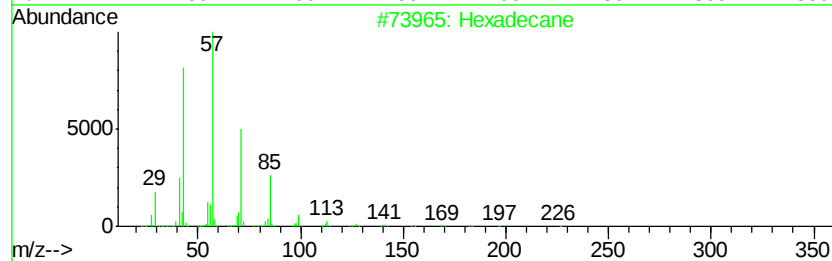
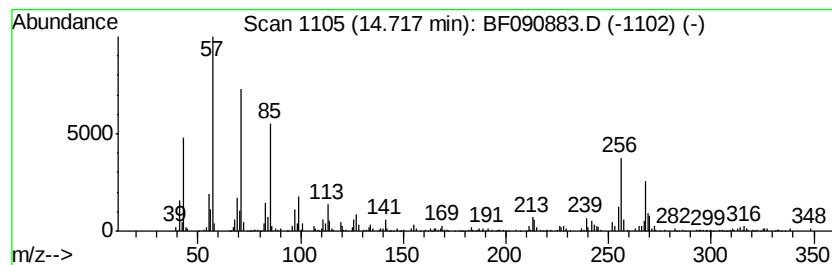
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	10.31 ng	524199	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Eicosane	282	C20H42	000112-95-8	55
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	49
4		Octacosane	394	C28H58	000630-02-4	49
5		Docosane, 9-butyl-	366	C26H54	055282-14-9	49



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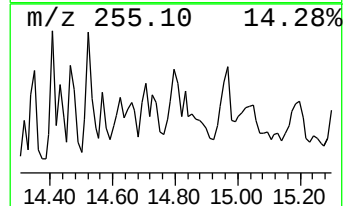
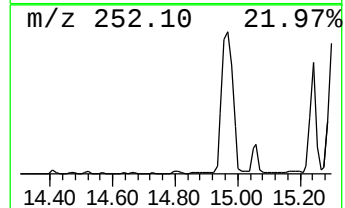
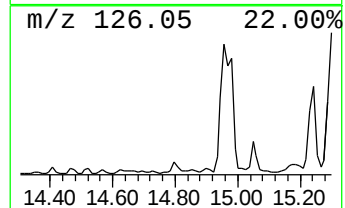
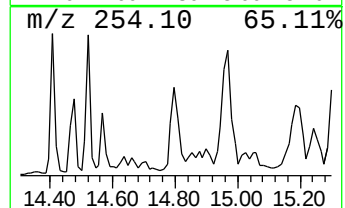
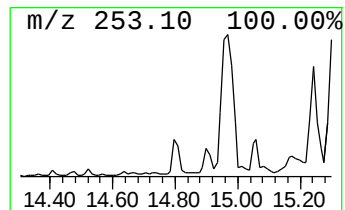
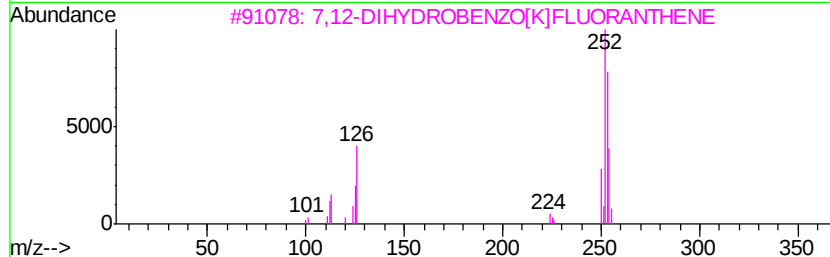
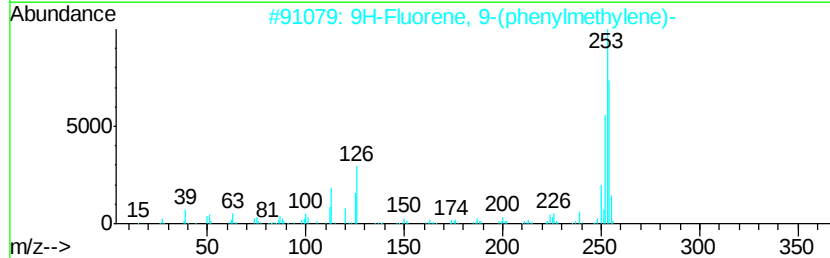
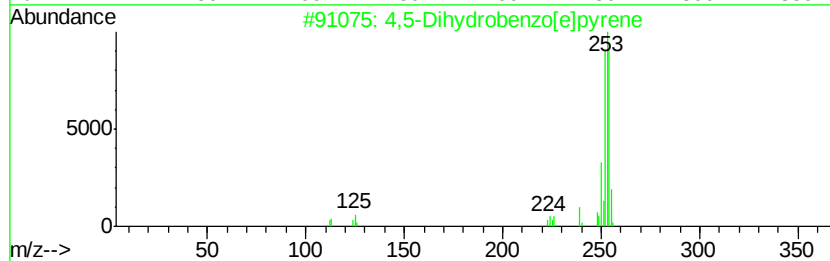
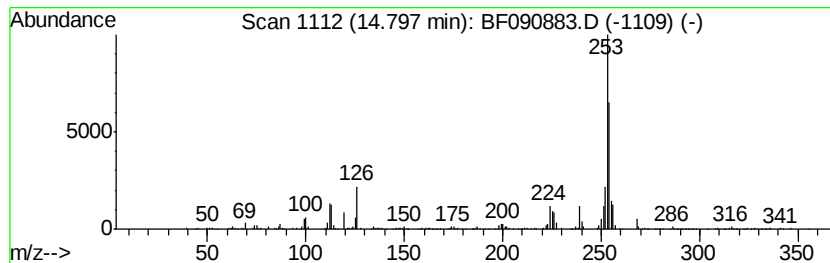
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 4,5-Dihydrobenzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	14.22 ng	723313	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4,5-Dihydrobenzo[e]pyrene	254	C20H14	095676-42-9	89
2		9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	81
3		7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	64
4		1,1'-Binaphthalene	254	C20H14	000604-53-5	55
5		4,4'-BiazulenyI	254	C20H14	094053-54-0	49



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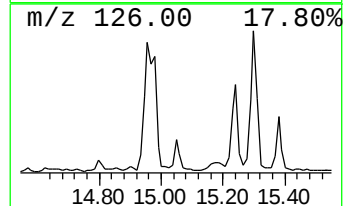
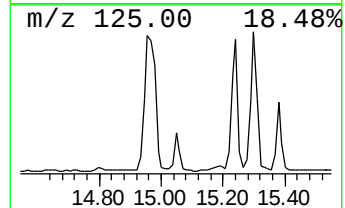
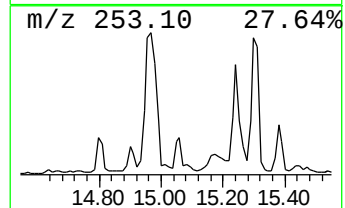
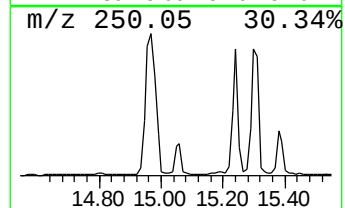
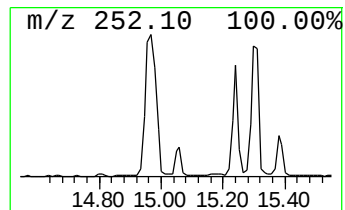
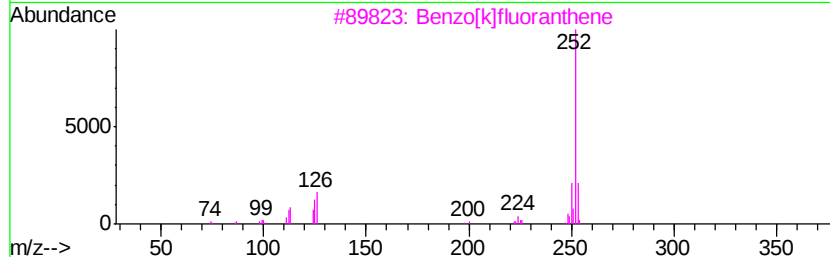
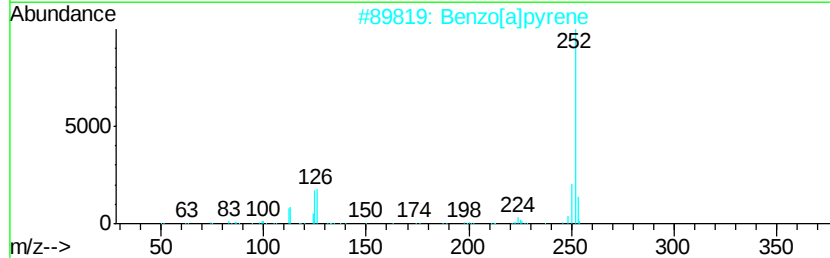
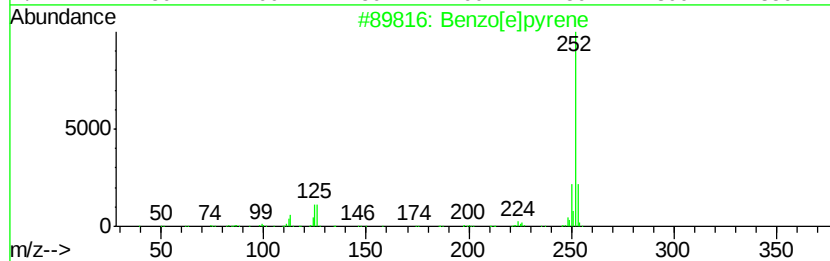
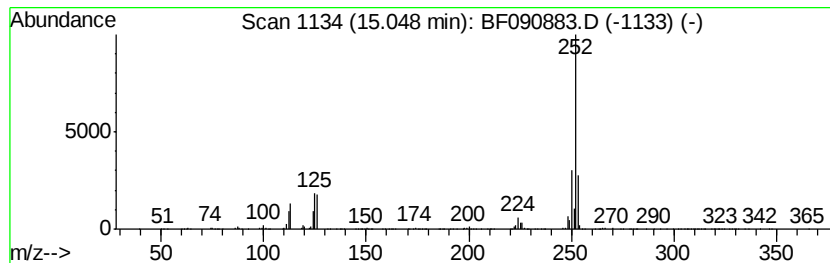
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	16.07 ng	817143	Perylene-d12	15.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	94
2		Benzo[a]pyrene	252	C20H12	000050-32-8	94
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5		Perylene	252	C20H12	000198-55-0	90



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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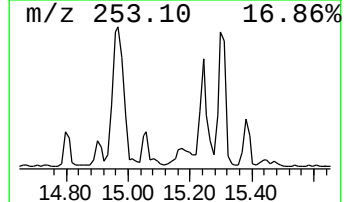
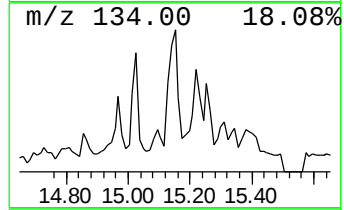
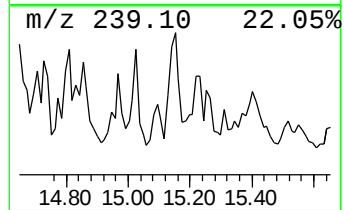
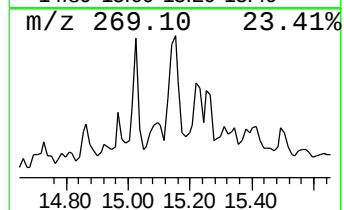
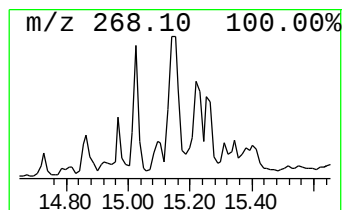
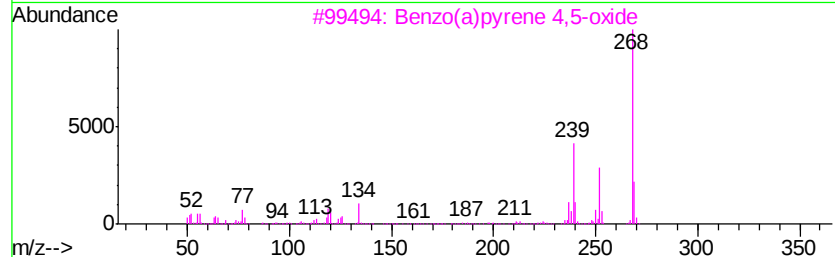
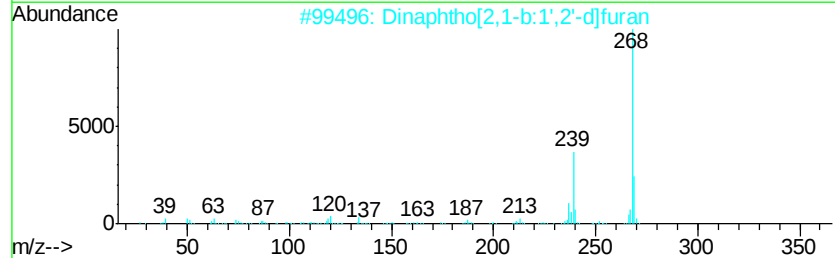
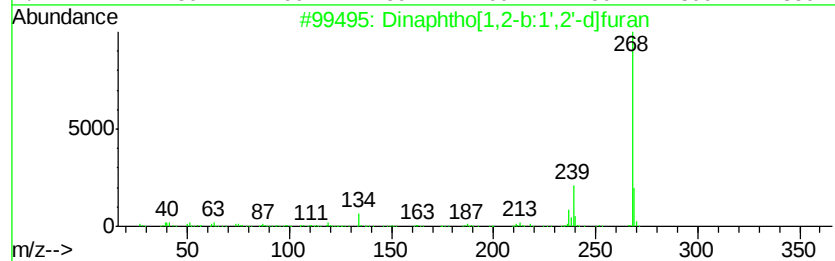
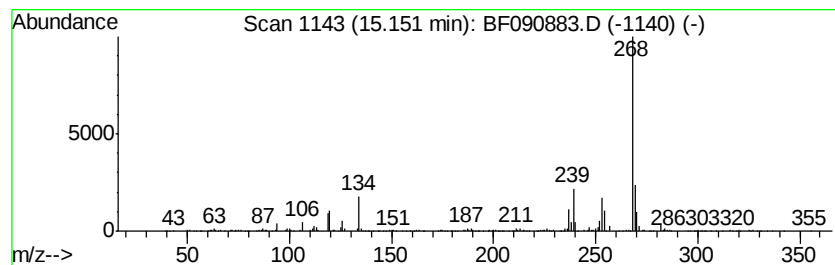
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	12.27 ng	623959	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	89
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	76
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
4		Coumaran-6-ol-3-one, 2-[4-methox...	268	C16H12O4	020727-61-1	58
5		trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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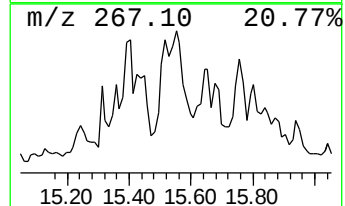
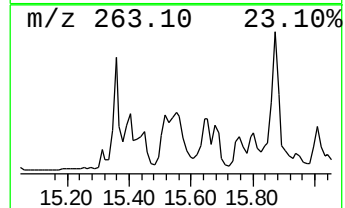
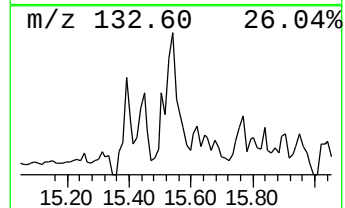
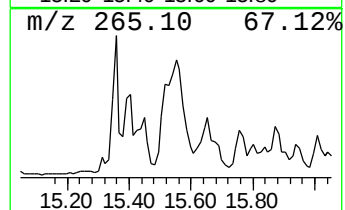
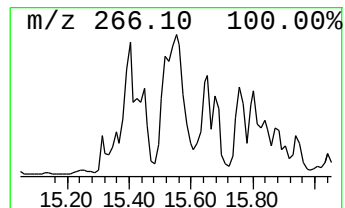
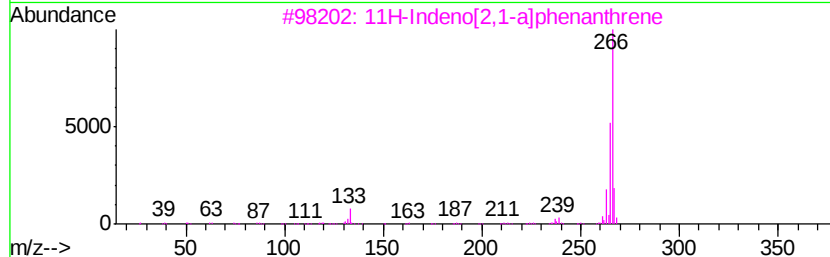
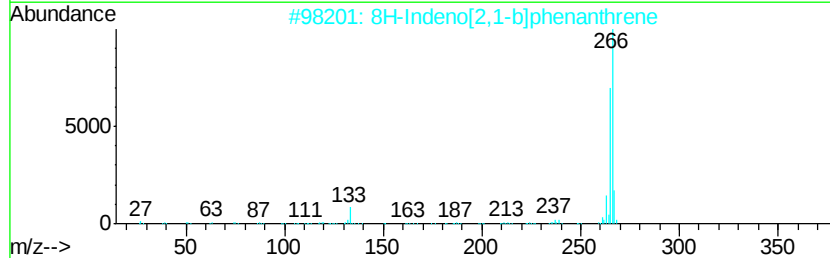
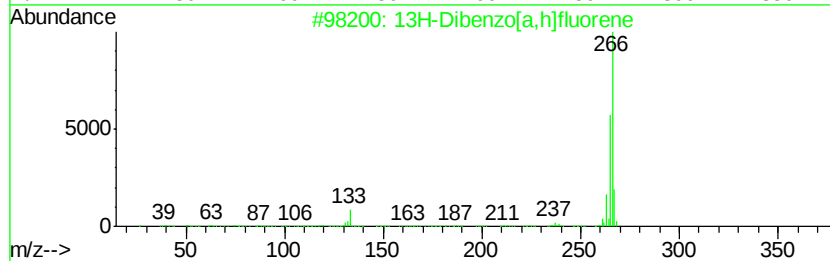
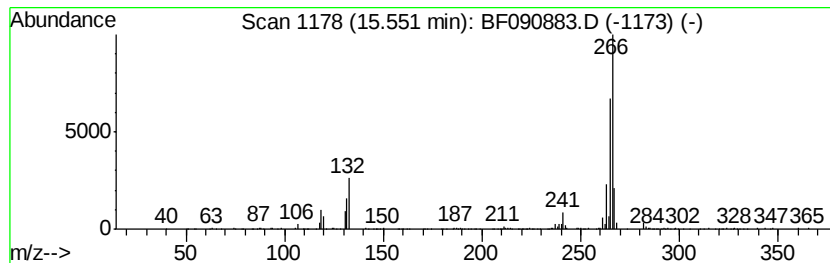
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 13H-Dibenzo[a,h]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	15.42 ng	783948	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	13H-Dibenzo[a,h]fluorene	266	C21H14	000239-85-0	96
2		8H-Indeno[2,1-b]phenanthrene	266	C21H14	000241-28-1	95
3		11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	92
4		4H-1-Benzopyran-4-one, 3-hydroxy...	266	C17H14O3	078396-37-9	64
5		Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	53



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
Data File : BF090883.D
Acq On : 27 Oct 2016 22:52
Operator : UM/SJ
Sample : H5411-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-01-5.5-6.0-DUP

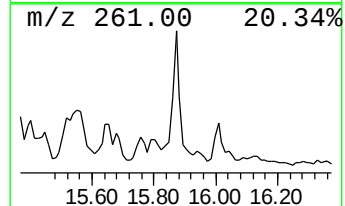
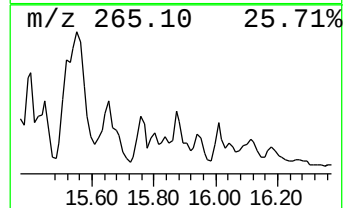
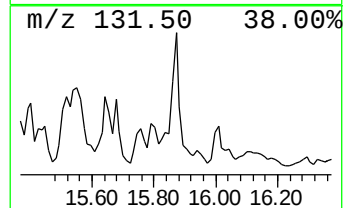
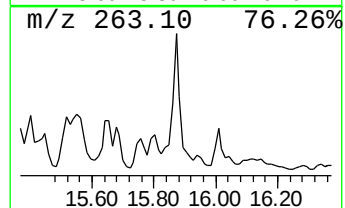
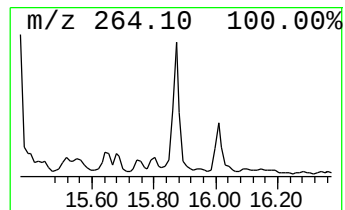
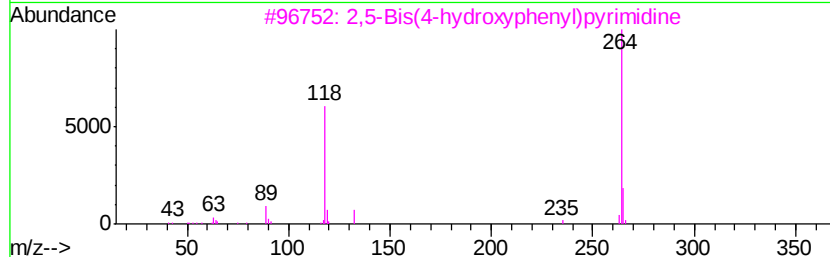
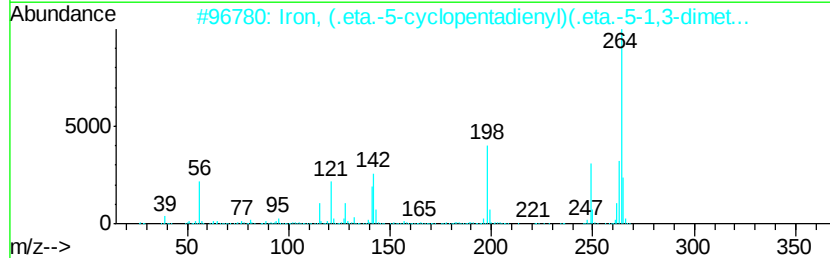
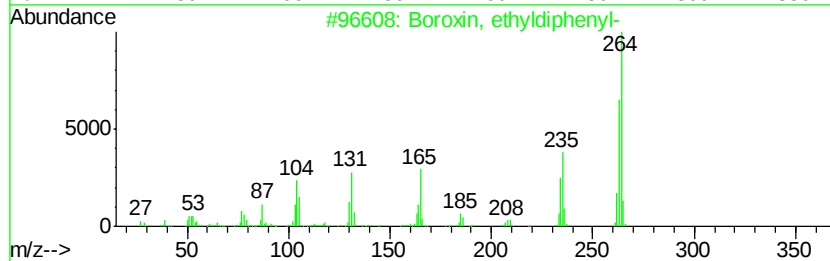
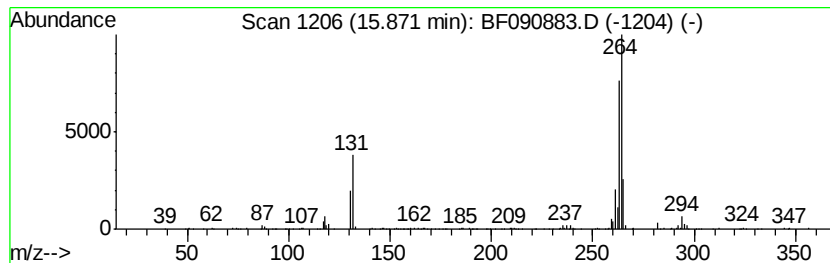
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown15.87 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.87	7.85 ng	399304	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	45
2		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	38
3		2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	27
4		7-Carbomethoxy-5,8-dimethoxy-1-t...	264	C14H16O5	122136-07-6	25
5		1,2-Diazine, 3,5-di[2-hydroxyph...	264	C16H12N2O2	122763-54-6	25



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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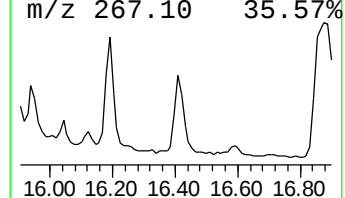
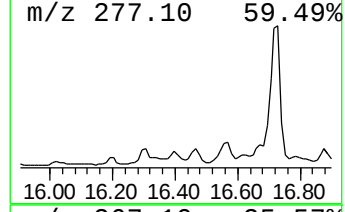
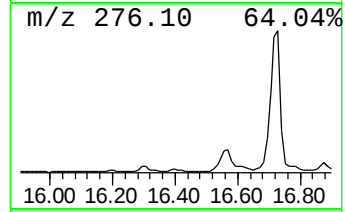
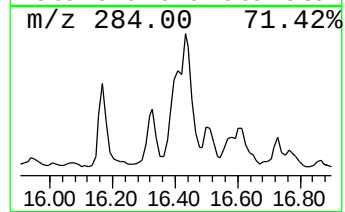
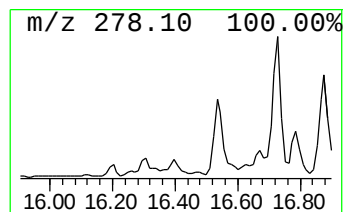
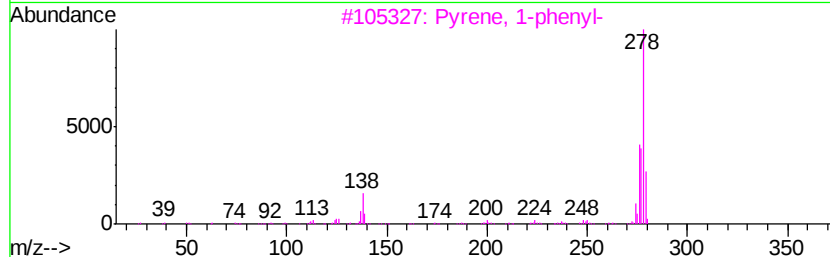
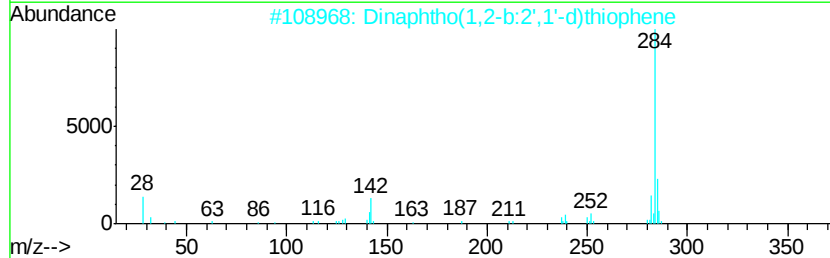
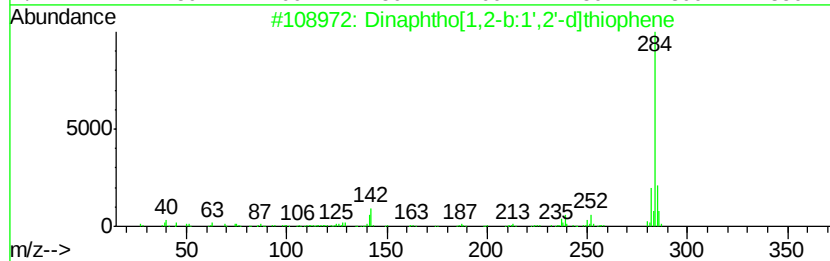
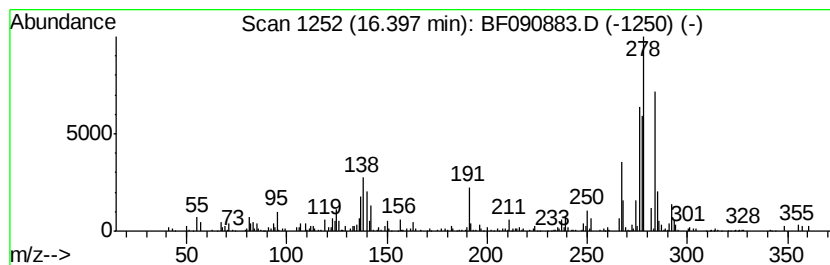
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]thi... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	10.41 ng	529283	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]thiophene	284	C20H12S	000207-94-3	53
2		Dinaphtho(1,2-b:2',1'-d)thiophene	284	C20H12S	000239-72-5	25
3		Pvrene, 1-phenyl-	278	C22H14	005101-27-9	22
4		Benzo[bltriphenylene	278	C22H14	000215-58-7	20
5		9-(m-Toluidino)acridine	284	C20H16N2	080260-72-6	18



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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Misc :
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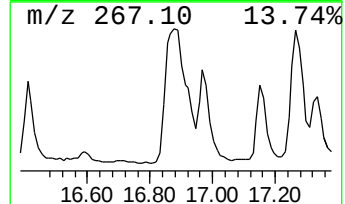
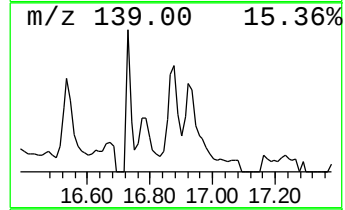
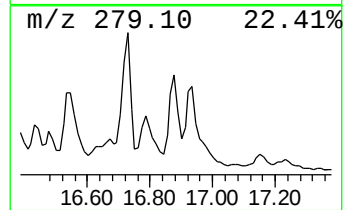
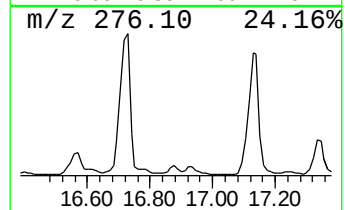
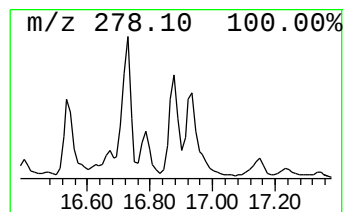
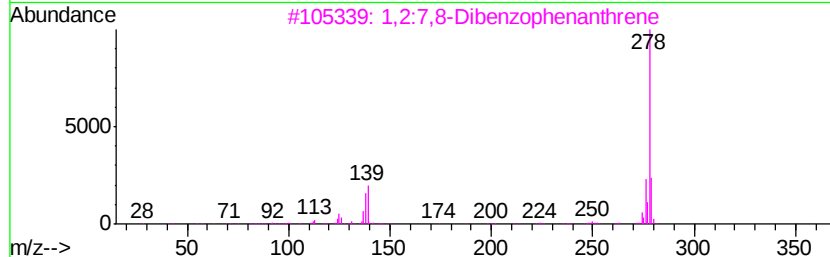
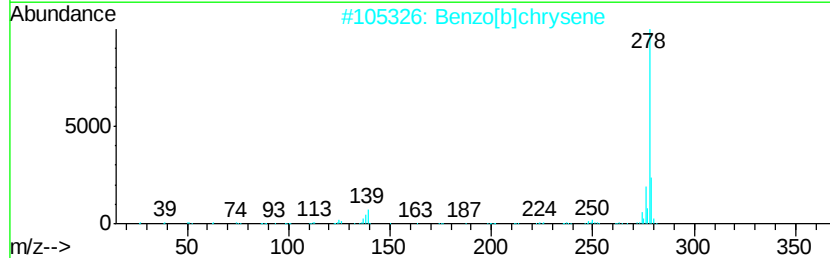
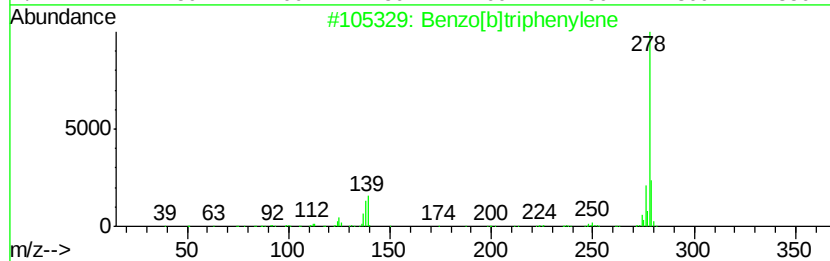
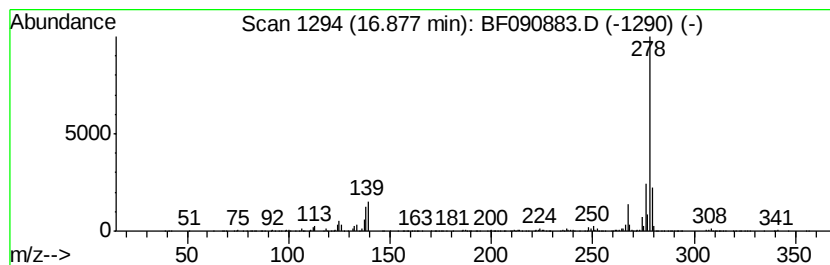
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Benzo[b]triphenylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	13.18 ng	670069	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	99
2		Benzo[b]chrysene	278	C22H14	000214-17-5	98
3		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
4		Benzo[a]naphthacene	278	C22H14	000226-88-0	96
5		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	94



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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Acq On : 27 Oct 2016 22:52
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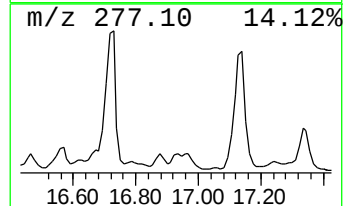
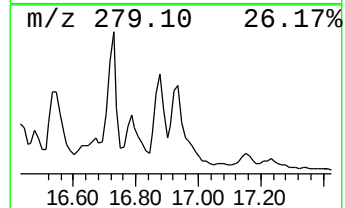
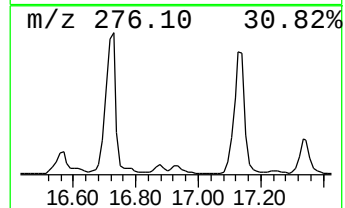
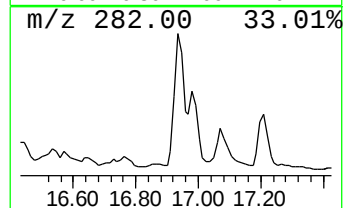
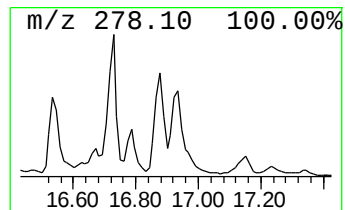
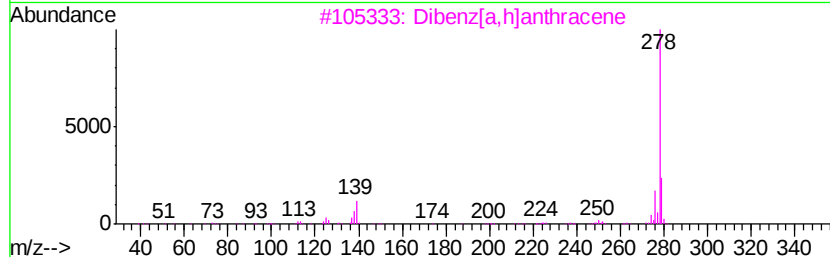
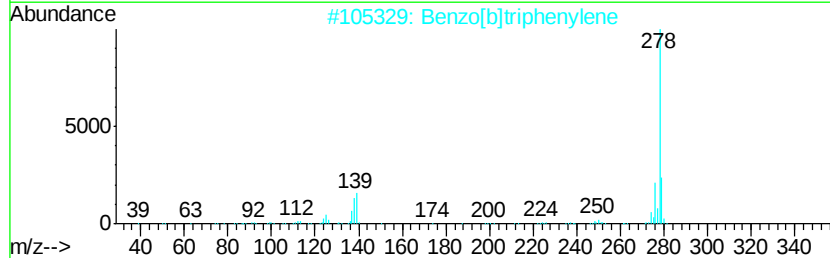
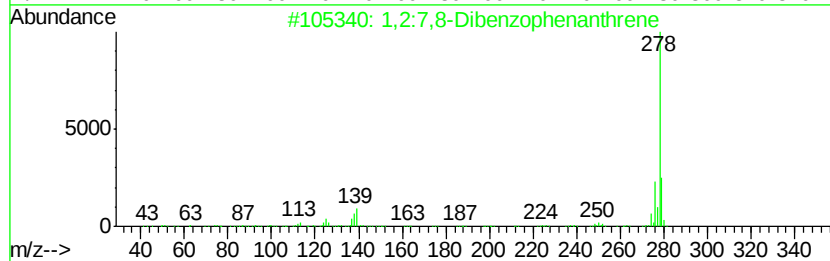
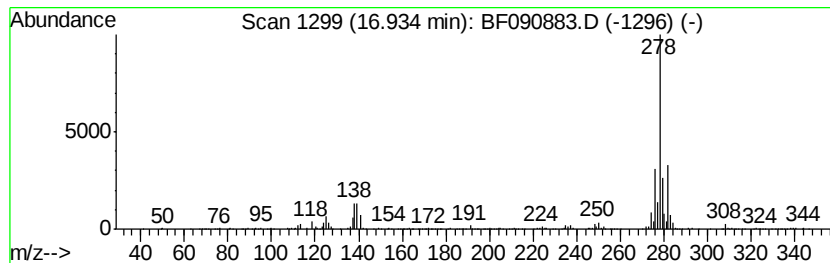
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 1,2:7,8-Dibenzophenanthrene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.93	7.66 ng	389475	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	98
2			Benzo[b]triphenylene	278	C22H14	000215-58-7	97
3			Dibenz[a,h]anthracene	278	C22H14	000053-70-3	97
4			Benzo[b]chrysene	278	C22H14	000214-17-5	97
5			Pentaphene	278	C22H14	000222-93-5	93



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102716\
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ALS Vial : 16 Sample Multiplier: 1

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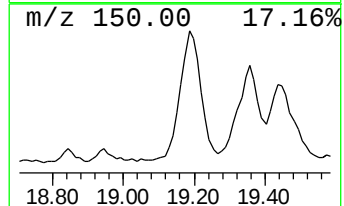
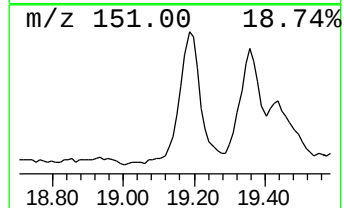
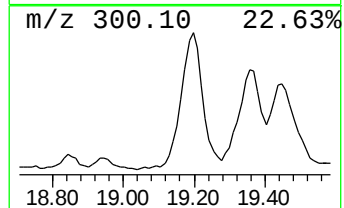
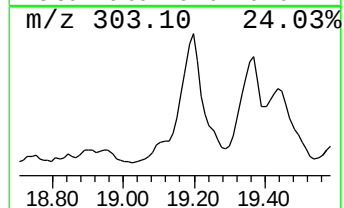
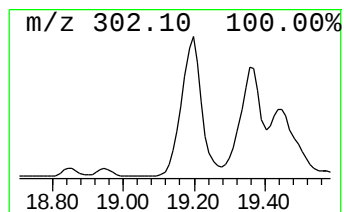
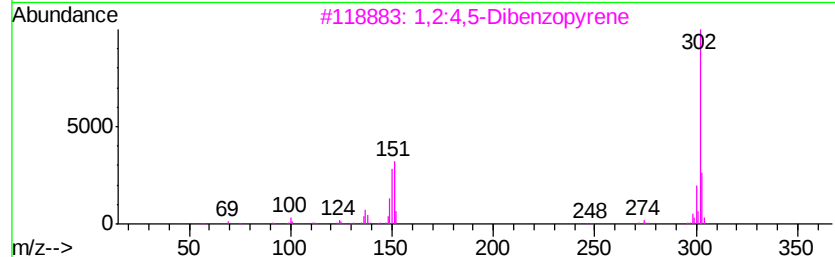
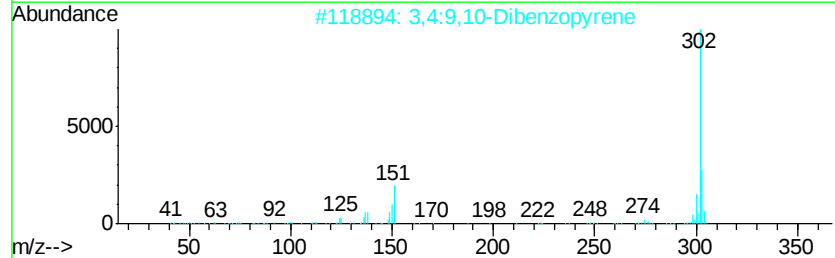
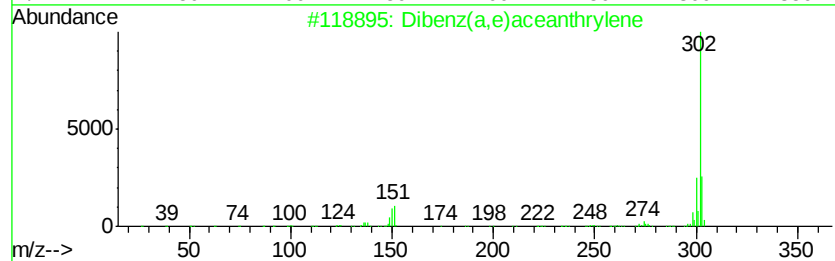
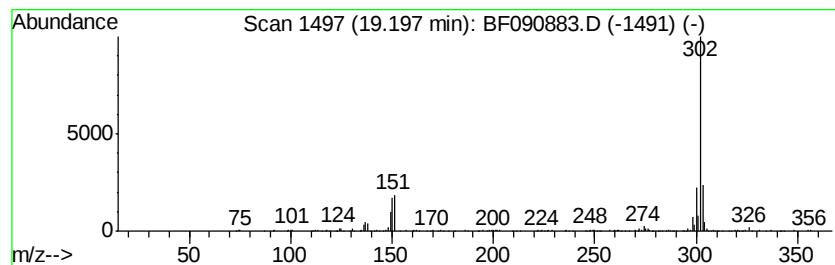
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Dibenz(a,e)aceanthrylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.20	17.57 ng	893497	Perylene-d12	15.36

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	98
2			3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
3			1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	96
4			3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	95
5			Dibenzo[fg,op]naphthacene	302	C24H14	000192-51-8	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102716\
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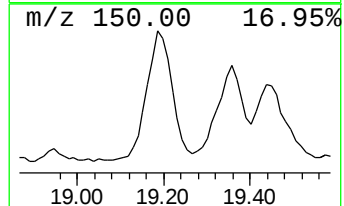
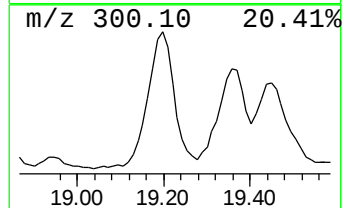
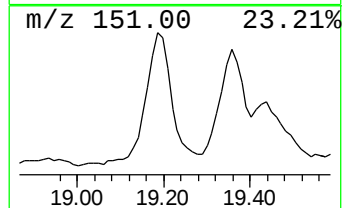
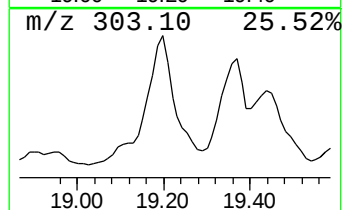
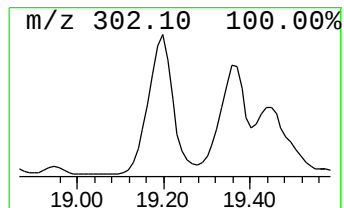
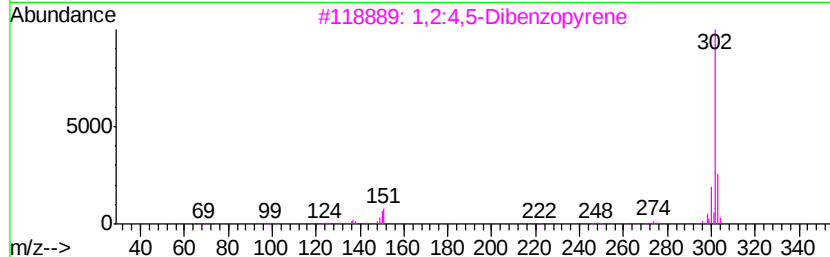
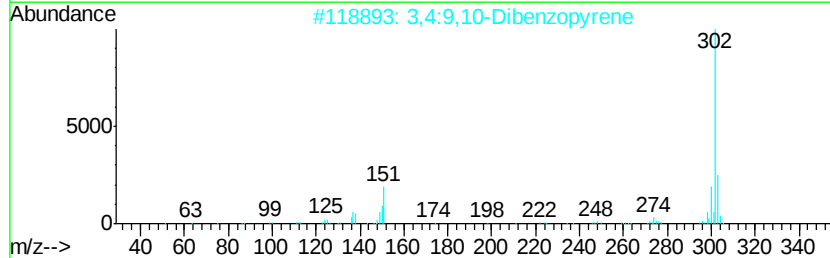
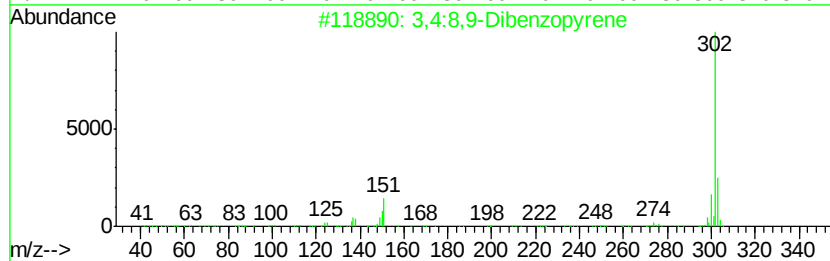
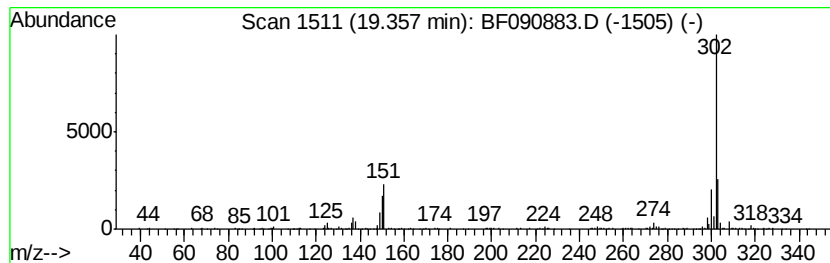
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 3,4:8,9-Dibenzopyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	11.86 ng	603014	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	98
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	98
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	97
4		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	93



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 BNA_F
 ClientSampleId :
 SB-01-5.5-6.0-DUP

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102616.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...	4.93	17.8	ng	636251	1	6.77	714068	20.0
unknown6.53	6.53	78.1	ng	2789390	1	6.77	714068	20.0
Naphthalene, 2,3-...	9.47	8.3	ng	648047	3	9.81	1561890	20.0
Naphthalene, 2,3,...	10.22	7.4	ng	578043	3	9.81	1561890	20.0
2,4,6-Cycloheptat...	10.51	8.6	ng	670284	3	9.81	1561890	20.0
Hexadecane	14.72	10.3	ng	524199	6	15.36	1017010	20.0
4,5-Dihydrobenzo[...	14.80	14.2	ng	723313	6	15.36	1017010	20.0
Benzo[e]pyrene	15.05	16.1	ng	817143	6	15.36	1017010	20.0
Dinaphtho[1,2-b:1...	15.15	12.3	ng	623959	6	15.36	1017010	20.0
13H-Dibenzo[a,h]f...	15.55	15.4	ng	783948	6	15.36	1017010	20.0
unknown15.87	15.87	7.8	ng	399304	6	15.36	1017010	20.0
Dinaphtho[1,2-b:1...	16.40	10.4	ng	529283	6	15.36	1017010	20.0
Benzo[b]triphenylene	16.88	13.2	ng	670069	6	15.36	1017010	20.0
1,2:7,8-Dibenzoph...	16.93	7.7	ng	389475	6	15.36	1017010	20.0
Dibenz(a,e)aceant...	19.20	17.6	ng	893497	6	15.36	1017010	20.0
3,4:8,9-Dibenzopy...	19.36	11.9	ng	603014	6	15.36	1017010	20.0