

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082148.D
 Acq On : 9 Oct 2015 16:37
 Operator : UM/IZ
 Sample : G3963-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROPOSED-FILL(BESM)

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-BF092815.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	5.040	250	254	262	rVB	764164	1250684	35.98%	1.991%
2	5.452	288	290	293	rBV	1900601	2038273	58.63%	3.245%
3	6.492	378	381	383	rBV	1821559	2276327	65.48%	3.624%
4	6.617	390	392	395	rBV	2197242	2217412	63.79%	3.531%
5	6.675	395	397	401	rVB	146230	157568	4.53%	0.251%
6	6.846	410	412	416	rBV	617578	710137	20.43%	1.131%
7	7.006	423	426	428	rBV	2013093	1916484	55.13%	3.051%
8	7.417	460	462	467	rBV	1126638	1457779	41.93%	2.321%
9	8.138	521	525	529	rBV2	931999	1418125	40.79%	2.258%
10	8.720	574	576	579	rVV	146895	202723	5.83%	0.323%
11	8.846	586	587	590	rVB	97032	113390	3.26%	0.181%
12	8.949	594	596	598	rBV2	125645	139173	4.00%	0.222%
13	9.223	617	620	622	rVV	2094742	2785568	80.13%	4.435%
14	9.292	624	626	627	rVV	289810	254016	7.31%	0.404%
15	9.555	645	649	652	rBV3	96325	237596	6.83%	0.378%
16	9.612	652	654	658	rVV	660841	618463	17.79%	0.985%
17	9.669	658	659	664	rVB2	78626	98152	2.82%	0.156%
18	9.749	664	666	669	rBV	195520	266053	7.65%	0.424%
19	9.818	671	672	675	rVB	250788	232735	6.69%	0.371%
20	9.898	675	679	680	rBV	844670	957919	27.56%	1.525%
21	9.921	680	681	684	rVV	210050	262091	7.54%	0.417%
22	10.092	694	696	698	rBV	151886	225171	6.48%	0.359%
23	10.298	712	714	715	rBV	89376	120987	3.48%	0.193%
24	10.321	715	716	718	rVB	341945	248617	7.15%	0.396%
25	10.435	725	726	729	rBV	229547	326697	9.40%	0.520%
26	10.538	733	735	739	rBV3	92349	163029	4.69%	0.260%
27	10.686	745	748	751	rBV	1479368	1531940	44.07%	2.439%
28	10.789	756	757	762	rVB	278296	503383	14.48%	0.802%
29	10.984	771	774	778	rBV4	92107	227757	6.55%	0.363%
30	11.121	783	786	790	rBV3	56013	164351	4.73%	0.262%
31	11.189	790	792	794	rVV	114214	119020	3.42%	0.190%
32	11.246	794	797	798	rVV2	245312	342069	9.84%	0.545%
33	11.269	798	799	802	rVB2	157808	240641	6.92%	0.383%
34	11.406	807	811	814	rBV2	2011075	3459340	99.51%	5.508%

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35	11.464	814	816	817	rVV	378003	535073	15.39%	0.852%
36	11.486	817	818	822	rVV3	80611	132334	3.81%	0.211%
37	11.612	826	829	832	rBV2	259584	448002	12.89%	0.713%
38	11.669	832	834	837	rVV2	303248	335166	9.64%	0.534%
39	11.886	850	853	854	rVV	277633	365095	10.50%	0.581%
40	11.909	854	855	858	rVV	620890	637666	18.34%	1.015%
41	11.955	858	859	861	rVV	102871	144100	4.15%	0.229%
42	12.001	861	863	867	rVV2	432676	821497	23.63%	1.308%
43	12.081	867	870	871	rVV	222557	271067	7.80%	0.432%
44	12.115	871	873	875	rVV	130589	179540	5.16%	0.286%
45	12.184	877	879	880	rVV	199487	230235	6.62%	0.367%
46	12.207	880	881	888	rVB	335899	348537	10.03%	0.555%
47	12.435	898	901	902	rBV	164970	205194	5.90%	0.327%
48	12.469	902	904	907	rVV2	267386	320692	9.22%	0.511%
49	12.527	907	909	913	rVB	139091	181333	5.22%	0.289%
50	12.607	913	916	918	rBV	3025419	3476367	100.00%	5.535%
51	12.664	918	921	922	rVV2	59599	119530	3.44%	0.190%
52	12.687	922	923	925	rVV	171736	208542	6.00%	0.332%
53	12.744	925	928	930	rVV2	117917	205611	5.91%	0.327%
54	12.789	930	932	933	rVV	199701	229223	6.59%	0.365%
55	12.835	933	936	938	rVV	2472383	3267637	94.00%	5.203%
56	12.869	938	939	942	rVB2	125683	176047	5.06%	0.280%
57	12.972	944	948	951	rBV	2147429	2422963	69.70%	3.858%
58	13.041	951	954	956	rBV2	190361	332690	9.57%	0.530%
59	13.155	960	964	966	rVV	490839	684268	19.68%	1.090%
60	13.189	966	967	968	rVV	125508	145145	4.18%	0.231%
61	13.224	968	970	971	rVV	307166	325852	9.37%	0.519%
62	13.258	971	973	977	rVV	282829	385738	11.10%	0.614%
63	13.349	979	981	982	rVV	111152	97129	2.79%	0.155%
64	13.384	982	984	988	rVB2	101556	162038	4.66%	0.258%
65	13.544	995	998	1000	rBV2	153369	278933	8.02%	0.444%
66	13.658	1004	1008	1012	rBV2	208611	363645	10.46%	0.579%
67	13.772	1015	1018	1019	rBV	305683	352336	10.14%	0.561%
68	13.807	1019	1021	1022	rVV	181986	349785	10.06%	0.557%
69	13.864	1024	1026	1029	rVV3	388313	677221	19.48%	1.078%
70	14.024	1036	1040	1042	rVV2	1561078	2959348	85.13%	4.712%
71	14.058	1042	1043	1048	rVV	1495487	1345966	38.72%	2.143%

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72	14.127	1048	1049	1051	rVV	141760	176096	5.07%	0.280%
73	14.184	1051	1054	1056	rVV2	216075	443352	12.75%	0.706%
74	14.218	1056	1057	1058	rVV	129496	155182	4.46%	0.247%
75	14.252	1058	1060	1066	rVB3	150838	370504	10.66%	0.590%
76	14.412	1072	1074	1076	rVB	237948	218512	6.29%	0.348%
77	14.447	1076	1077	1079	rVB2	133056	145801	4.19%	0.232%
78	14.492	1079	1081	1083	rBV3	185846	302379	8.70%	0.481%
79	14.538	1083	1085	1089	rVB4	144278	267121	7.68%	0.425%
80	14.790	1105	1107	1109	rVV2	127041	138146	3.97%	0.220%
81	14.892	1114	1116	1121	rVB2	88790	177404	5.10%	0.282%
82	15.064	1128	1131	1135	rBV	1223597	2772720	79.76%	4.415%
83	15.121	1135	1136	1137	rVV	127882	128385	3.69%	0.204%
84	15.155	1137	1139	1142	rVB	215869	319068	9.18%	0.508%
85	15.258	1145	1148	1151	rBV3	65087	188294	5.42%	0.300%
86	15.350	1153	1156	1159	rVB	596753	879786	25.31%	1.401%
87	15.418	1159	1162	1164	rBV	947345	1184371	34.07%	1.886%
88	15.475	1164	1167	1168	rBV	405167	552947	15.91%	0.880%
89	15.898	1201	1204	1206	rBV2	91176	178608	5.14%	0.284%
90	15.955	1206	1209	1212	rVV4	66413	168414	4.84%	0.268%
91	16.013	1212	1214	1220	rVB	75492	143737	4.13%	0.229%
92	16.733	1272	1277	1284	rVB3	75497	319625	9.19%	0.509%
93	16.893	1287	1291	1295	rBV2	393083	785704	22.60%	1.251%
94	17.064	1302	1306	1308	rBV	65507	155569	4.48%	0.248%
95	17.121	1308	1311	1313	rVV	56535	110502	3.18%	0.176%
96	17.327	1325	1329	1335	rBV	260278	577254	16.61%	0.919%
97	17.556	1345	1349	1357	rVB2	77229	260267	7.49%	0.414%
98	19.487	1510	1518	1528	rVB	66651	298950	8.60%	0.476%
99	19.670	1529	1534	1539	rBV	47238	192998	5.55%	0.307%
100	20.676	1617	1622	1631	rVB2	39015	187922	5.41%	0.299%

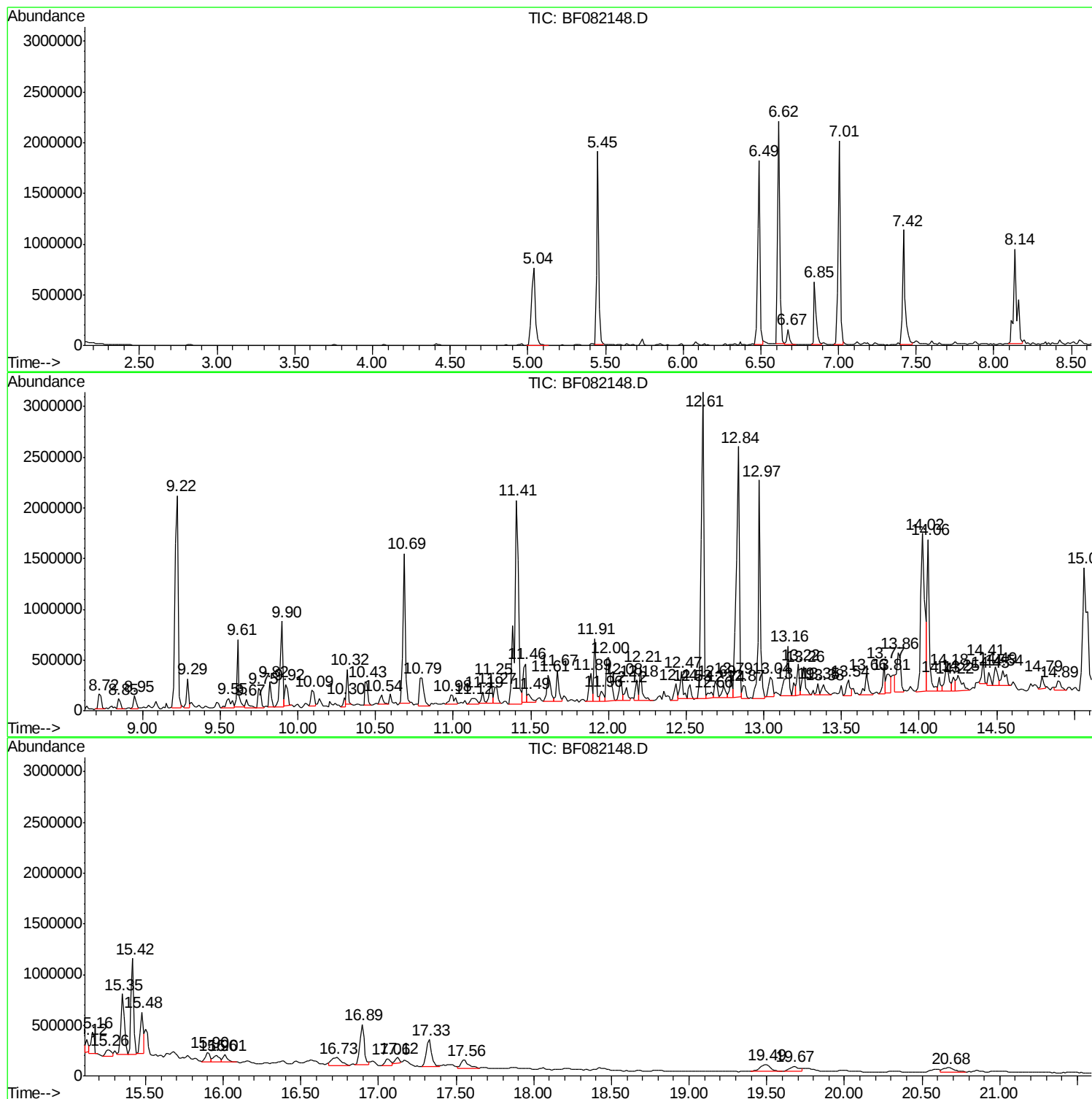
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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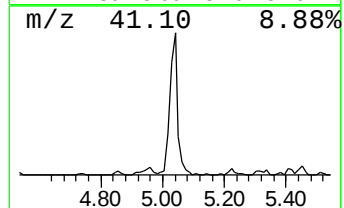
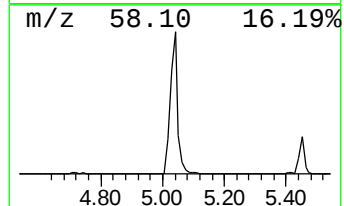
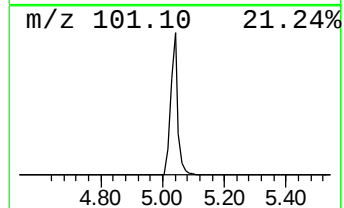
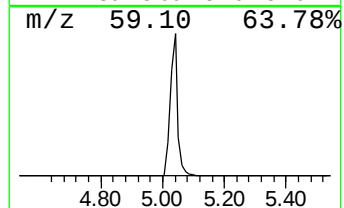
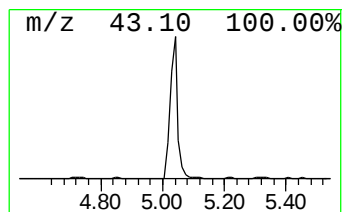
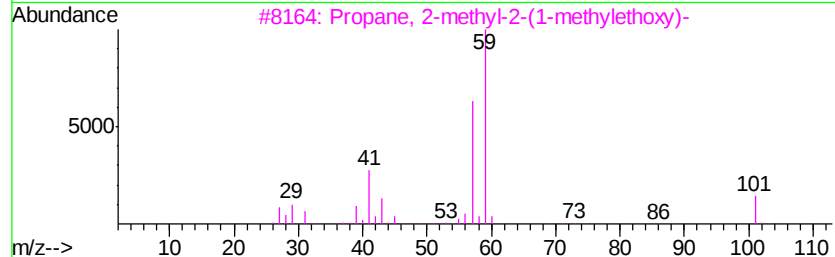
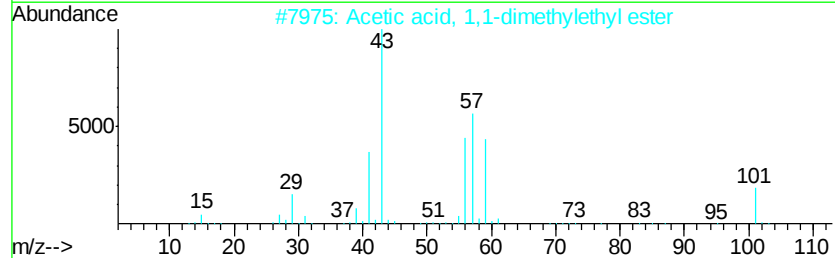
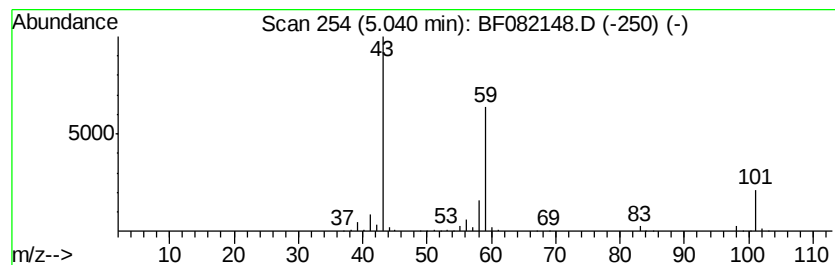
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.04	35.22 ng	1250680	1,4-Dichlorobenzene-d4	6.85		
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, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39	
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28	
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28	
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17	



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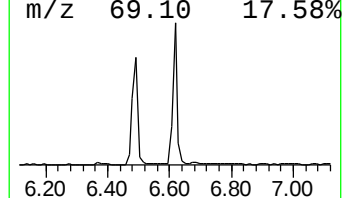
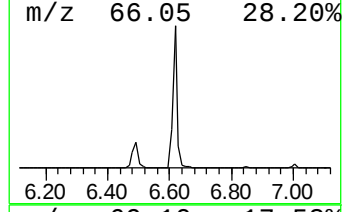
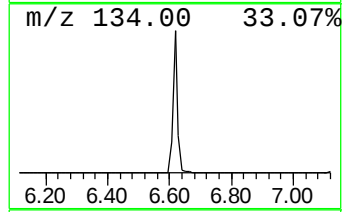
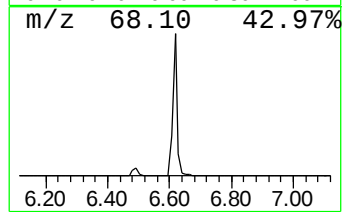
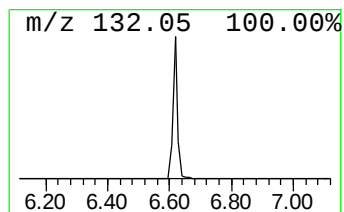
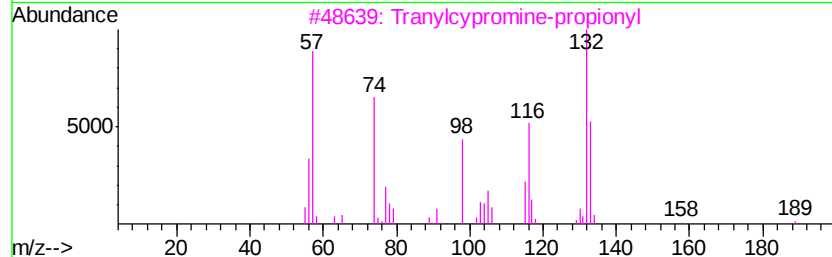
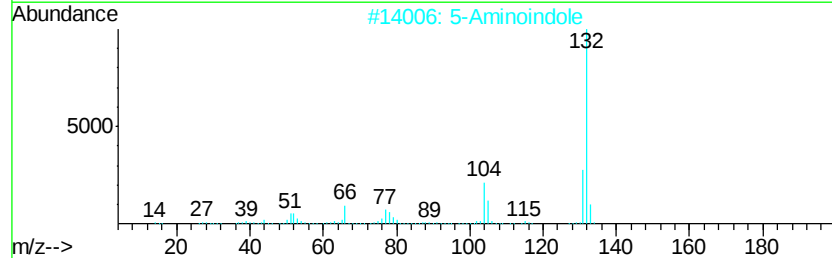
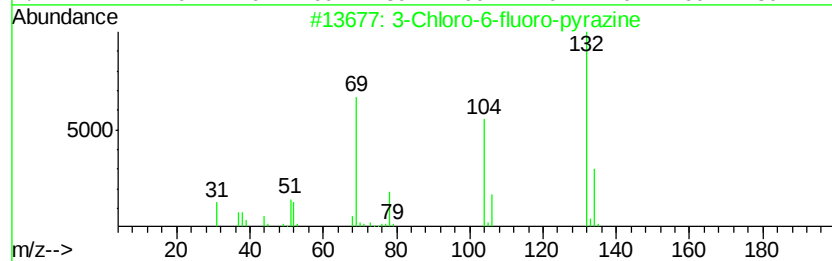
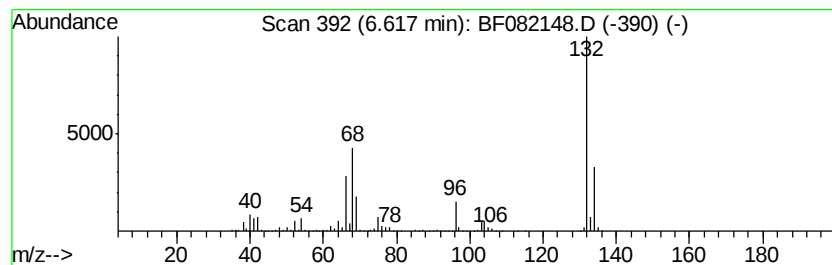
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.62 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.62	62.45 ng	2217410	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9



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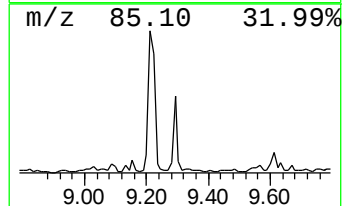
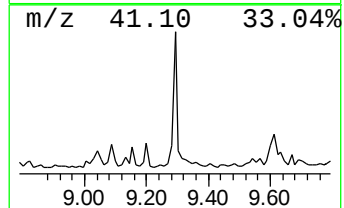
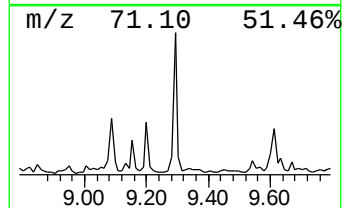
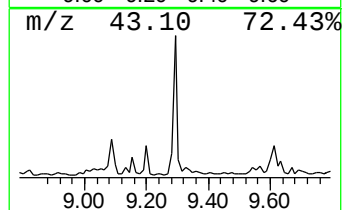
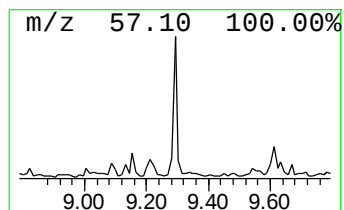
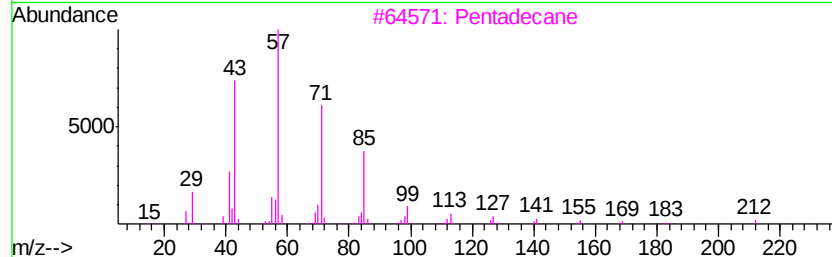
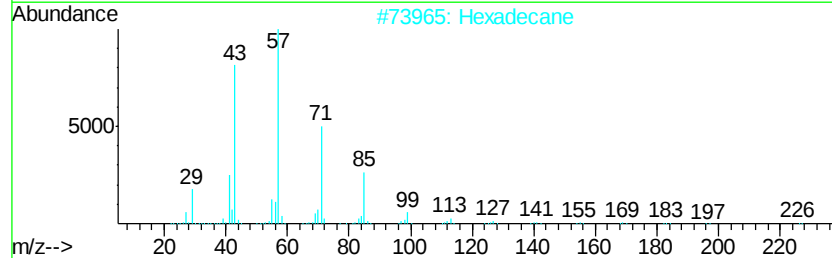
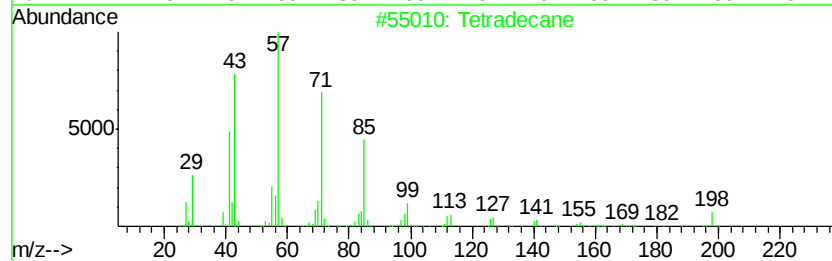
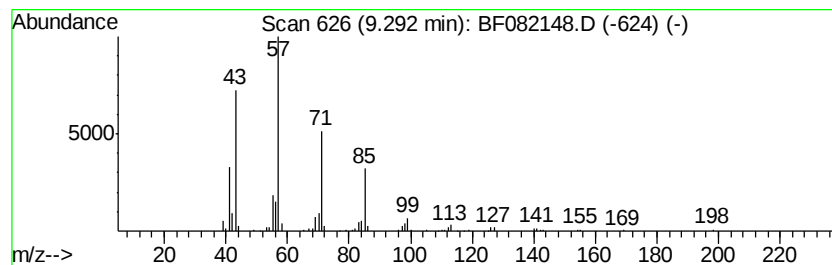
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Tetradecane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	5.30 ng	254016	Acenaphthene-d10	9.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	95
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	86
4		Undecane	156	C11H24	001120-21-4	86
5		Dodecane	170	C12H26	000112-40-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PROPOSED-FILL(BESM)

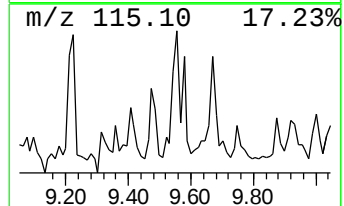
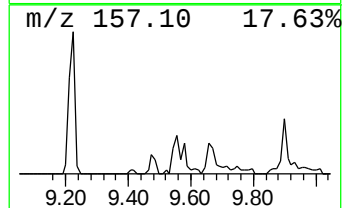
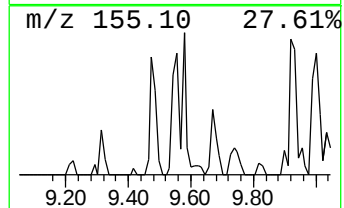
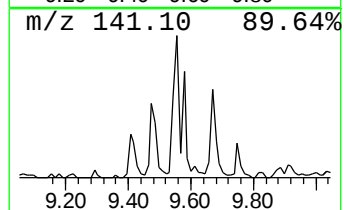
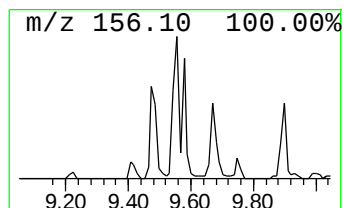
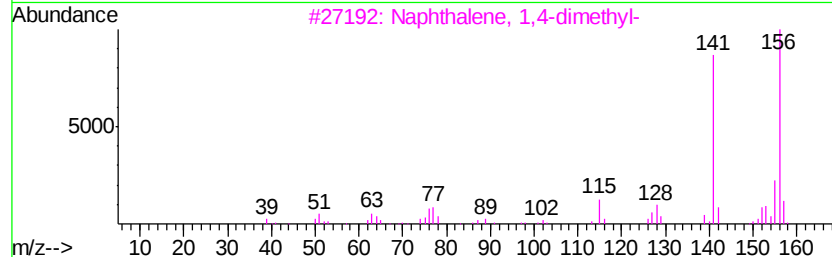
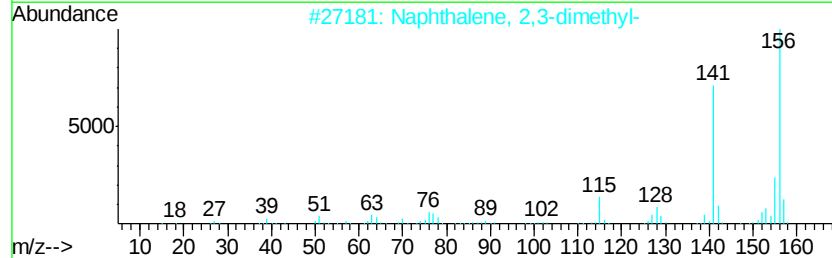
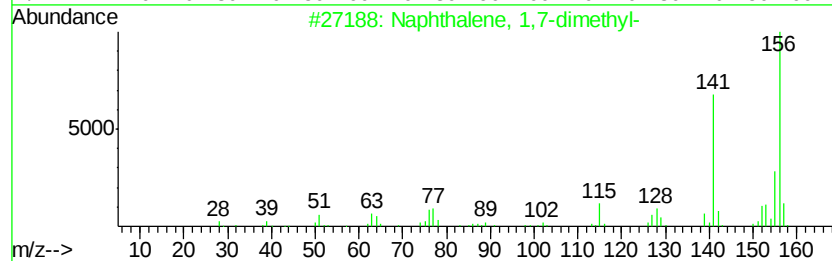
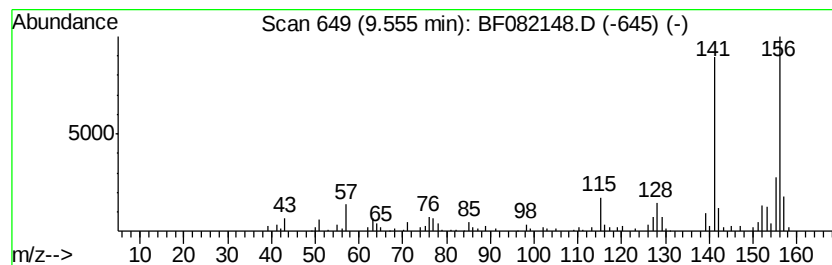
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.55	4.96 ng	237596	Acenaphthene-d10	9.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

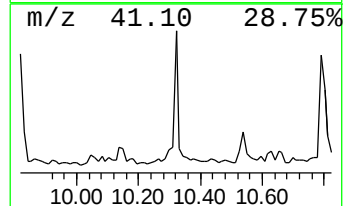
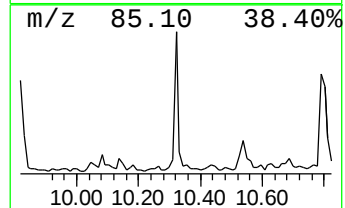
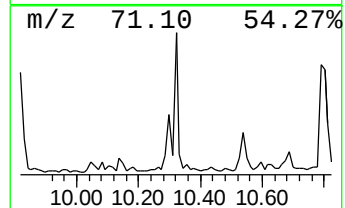
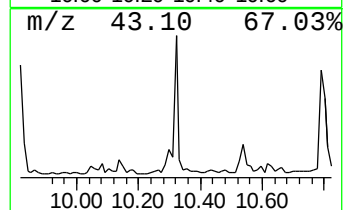
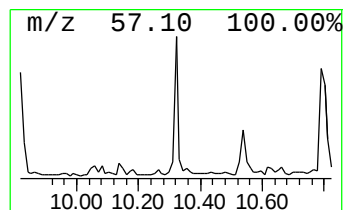
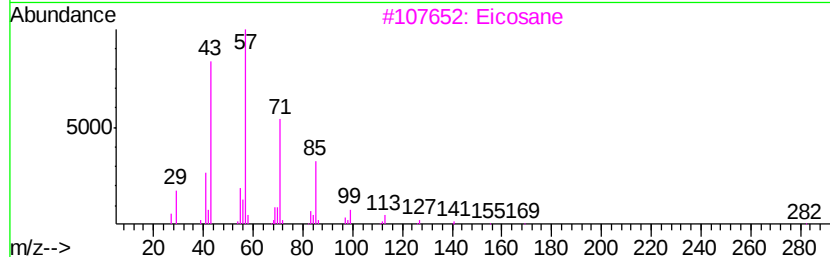
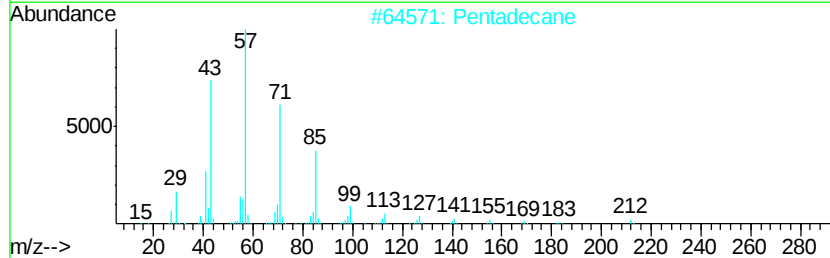
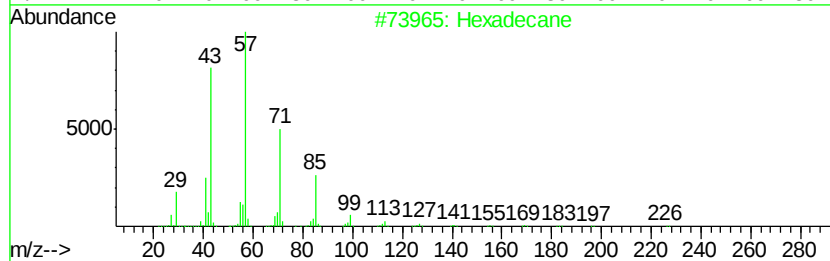
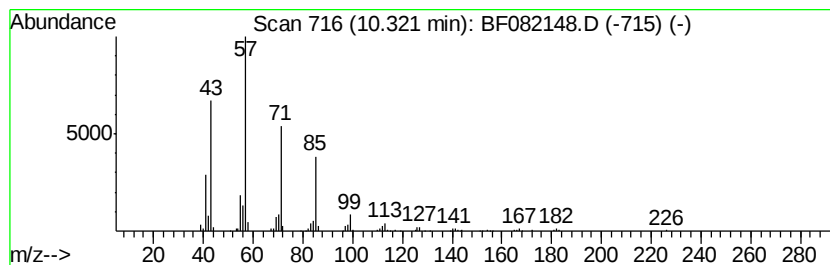
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Hexadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	5.19 ng	248617	Acenaphthene-d10	9.90
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	94
2	Pentadecane	212 C15H32	000629-62-9	90
3	Eicosane	282 C20H42	000112-95-8	90
4	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	81
5	Bacchotricuneatin c	342 C20H22O5	066563-30-2	74



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PROPOSED-FILL(BESM)

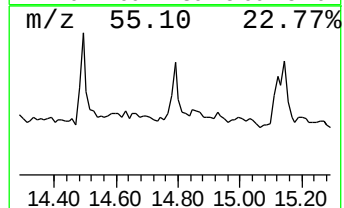
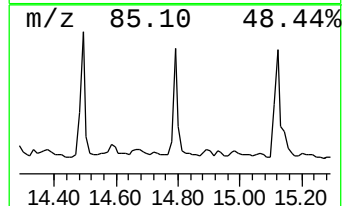
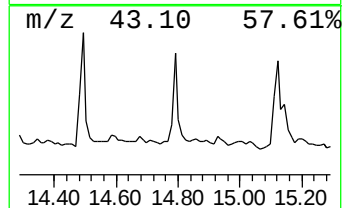
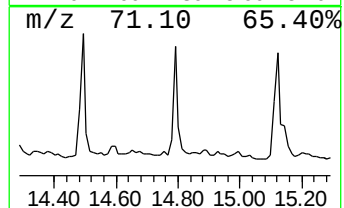
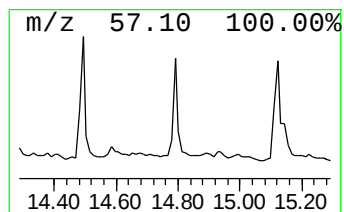
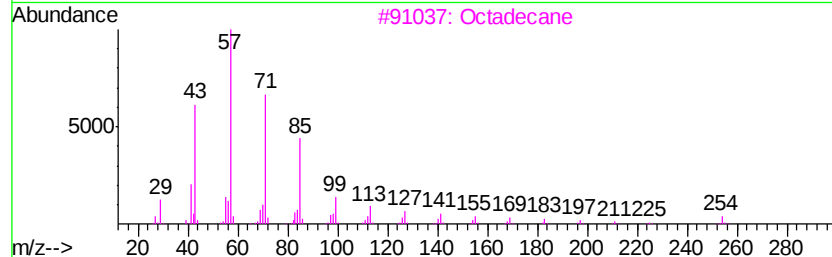
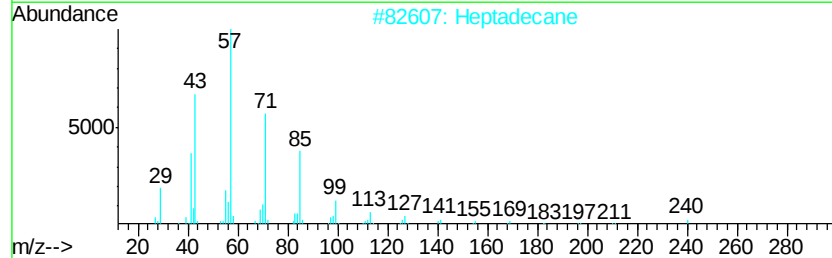
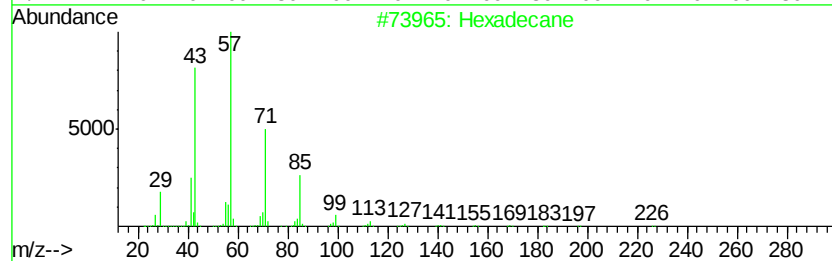
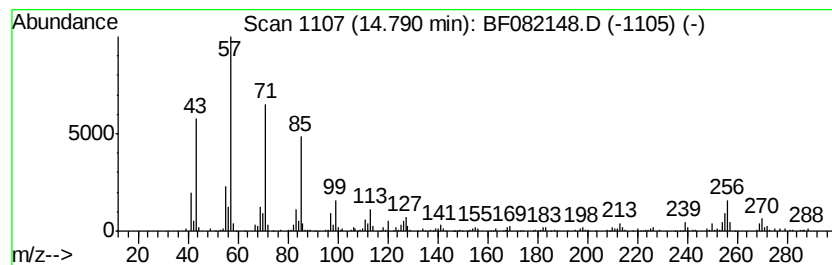
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown14.79 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	5.00 ng	138146	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Heptadecane	240	C17H36	000629-78-7	90
3		Octadecane	254	C18H38	000593-45-3	87
4		Tetradecane, 2-methyl-	212	C15H32	001560-95-8	81
5		Heneicosane	296	C21H44	000629-94-7	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PROPOSED-FILL(BESM)

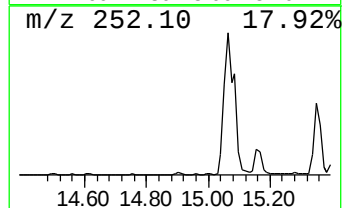
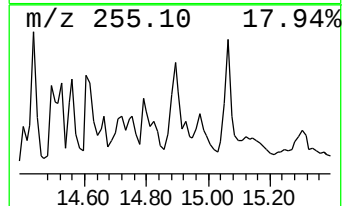
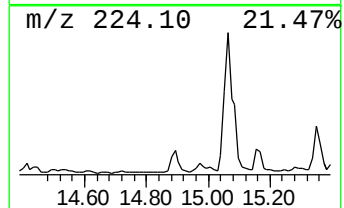
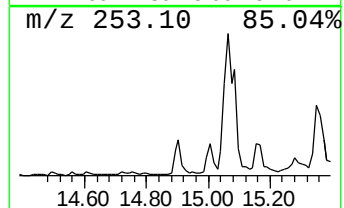
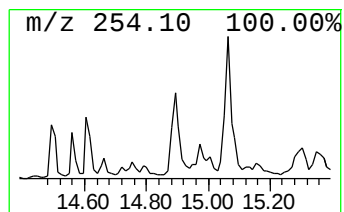
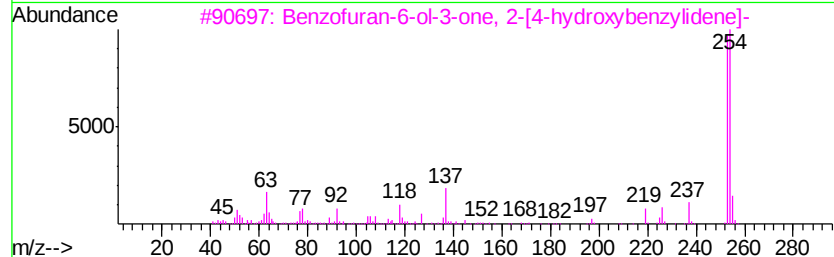
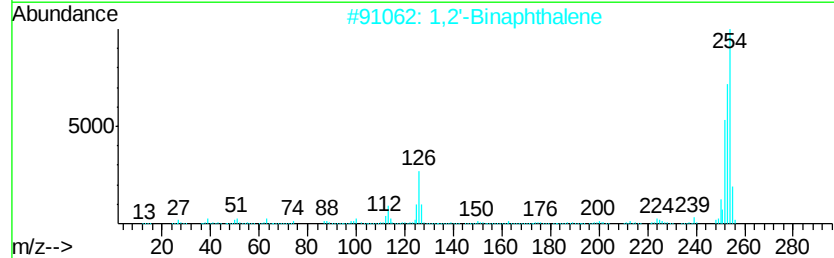
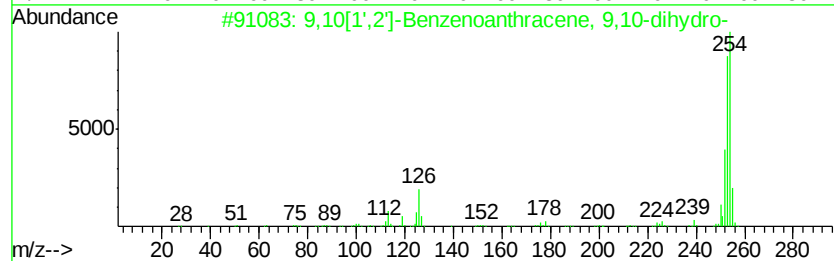
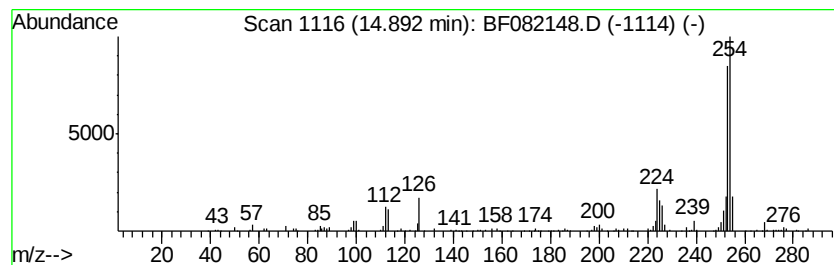
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 9,10[1',2']-Benzenoanthracene... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	6.42 ng	177404	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	64
2			1,2'-Binaphthalene	254	C20H14	004325-74-0	59
3			Benzofuran-6-ol-3-one, 2-[4-hydr...	254	C15H10O4	1000128-64-9	59
4			Anthracene, 9-phenyl-	254	C20H14	000602-55-1	58
5			1H-1,2,4-Triazole-5(4H)-thione, ...	254	C13H10N4S	057600-03-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
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Instrument :
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ClientSampleId :
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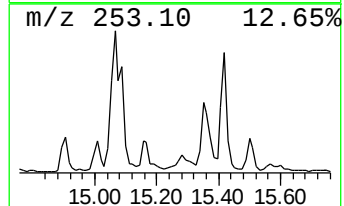
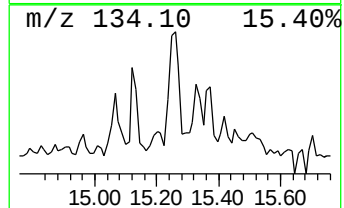
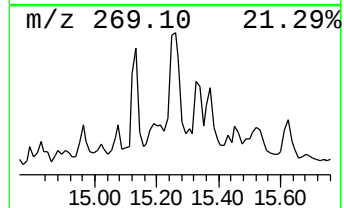
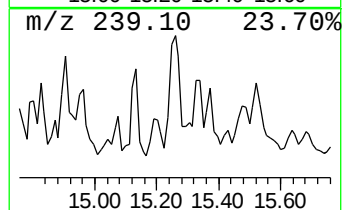
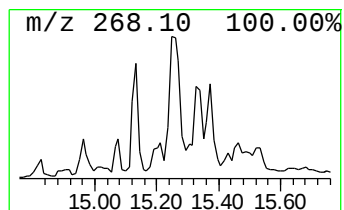
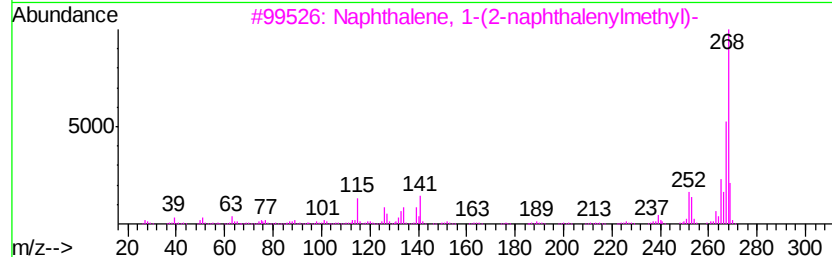
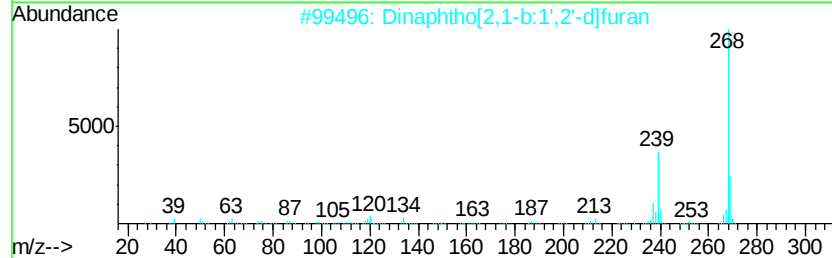
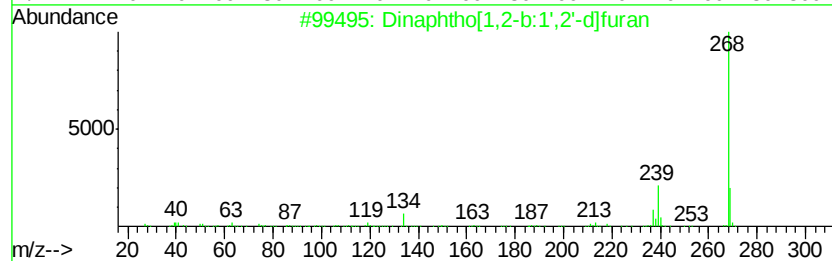
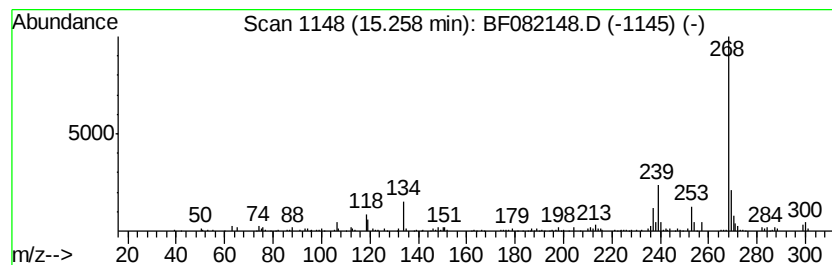
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.26	6.81 ng	188294	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	87
2			Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	80
3			Naphthalene, 1-(2-naphthalenyl)me...	268	C21H16	000611-48-3	64
4			4H-Dibenz[a,k]anthracene, 5,6-d...	268	C21H16	007198-87-0	59
5			9,10-Anthracenedione, 1,4-diamin...	268	C15H12N2O3	002872-48-2	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
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Misc :
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :
PROPOSED-FILL(BESM)

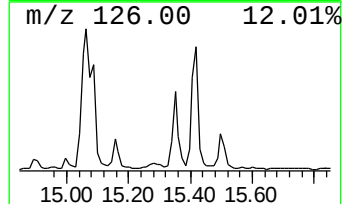
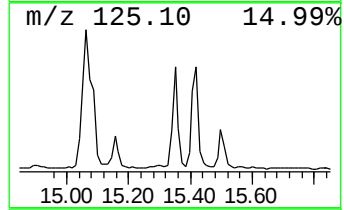
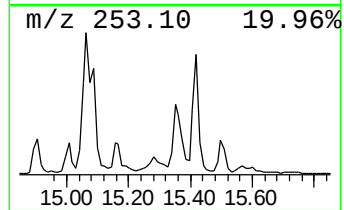
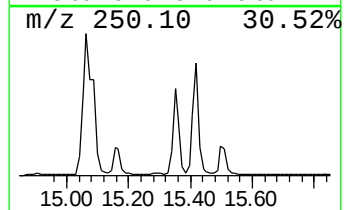
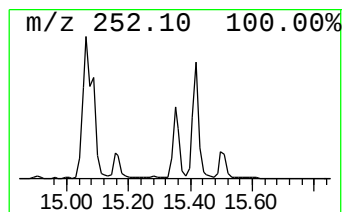
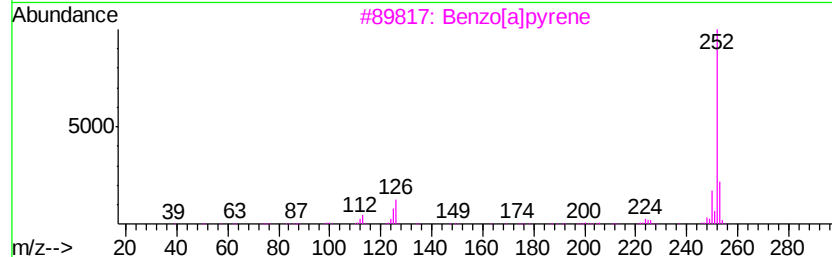
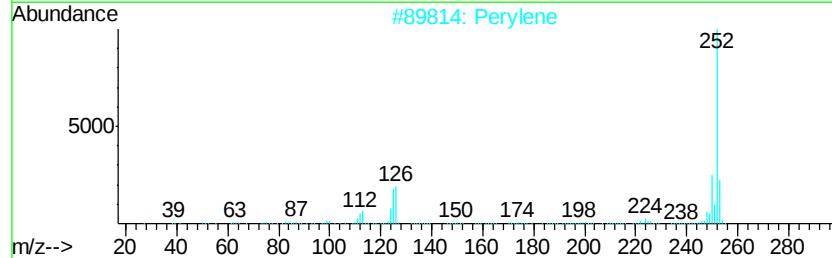
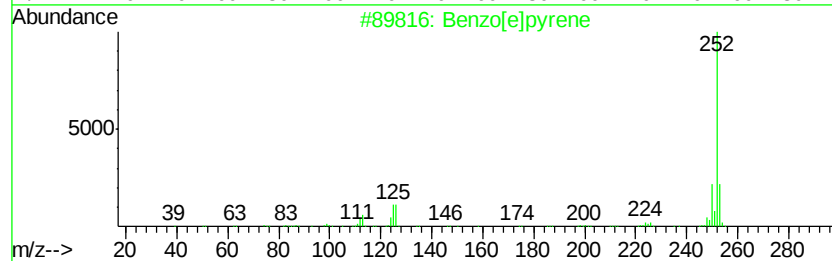
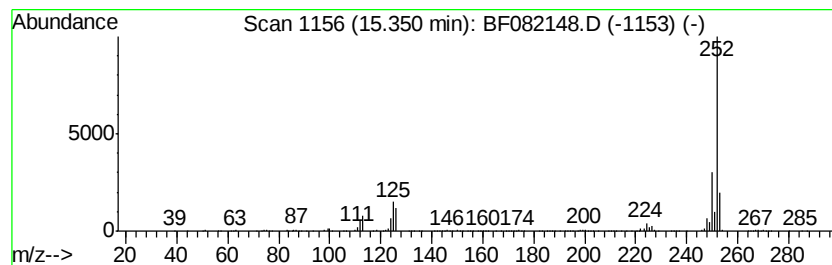
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.35	31.82 ng	879786	Perylene-d12	15.48

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PROPOSED-FILL(BESM)

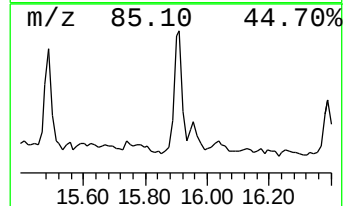
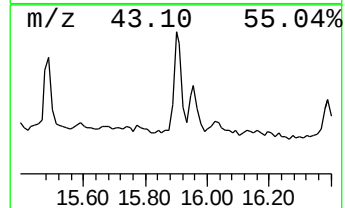
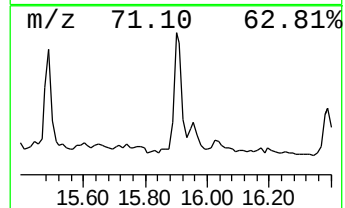
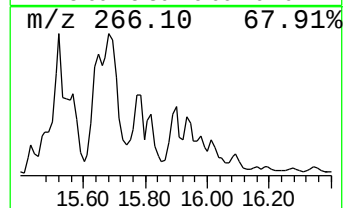
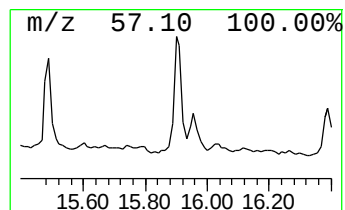
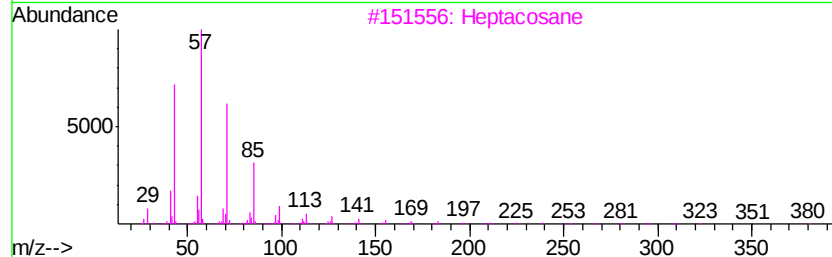
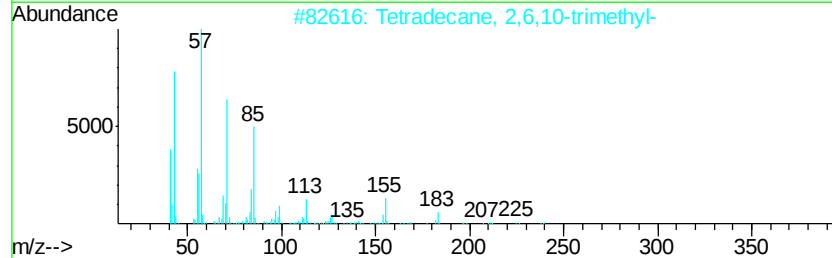
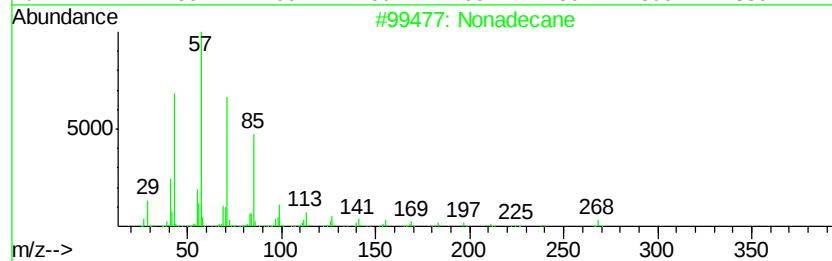
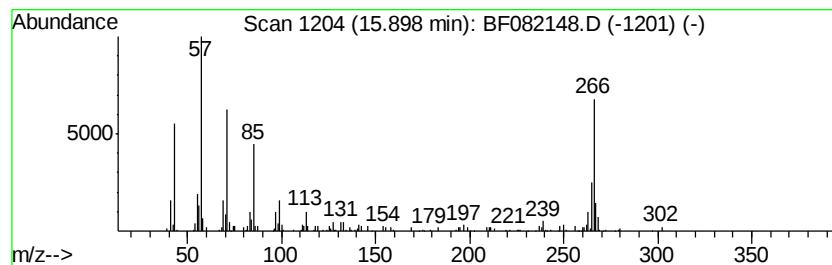
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Nonadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.90	6.46 ng	178608	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Nonadecane	268	C19H40	000629-92-5	90
2			Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	50
3			Heptacosane	380	C27H56	000593-49-7	50
4			Eicosane	282	C20H42	000112-95-8	45
5			Octacosane	394	C28H58	000630-02-4	45



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
Data File : BF082148.D
Acq On : 9 Oct 2015 16:37
Operator : UM/IZ
Sample : G3963-02
Misc :
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Instrument :
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ClientSampleId :
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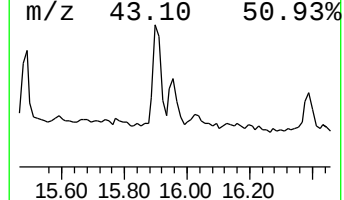
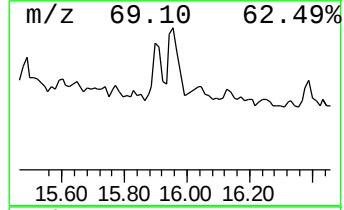
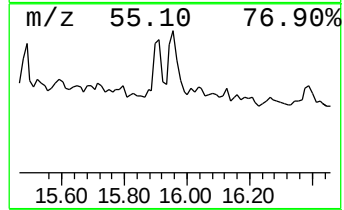
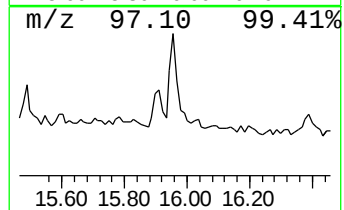
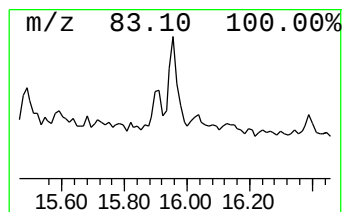
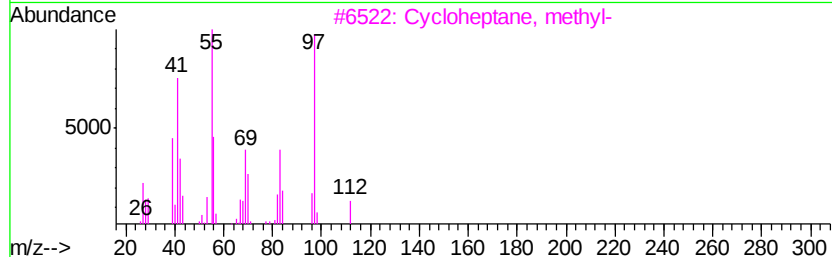
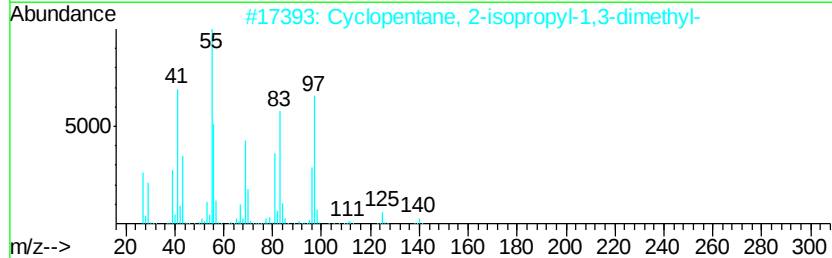
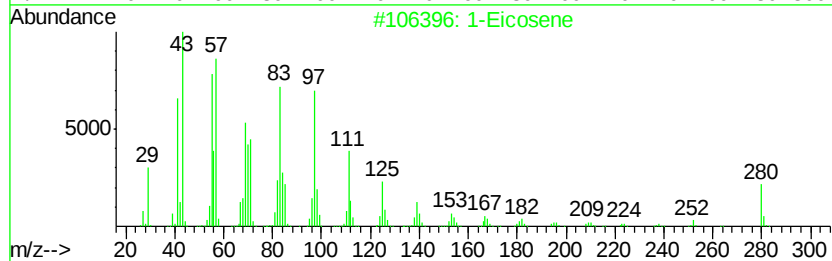
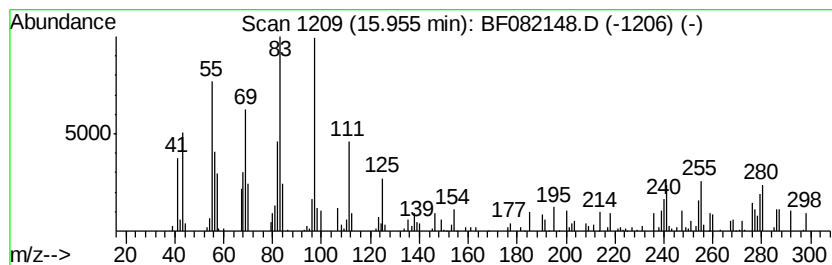
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 1-Eicosene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.96	6.09 ng	168414	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Eicosene	280	C20H40	003452-07-1	64
2		Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	46
3		Cycloheptane, methyl-	112	C8H16	004126-78-7	25
4		Cyclohexanone, 3-butyl-	154	C10H18O	039178-69-3	22
5		Cyclopentane, 1-ethyl-3-methyl-,...	112	C8H16	002613-65-2	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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ClientSampleId :
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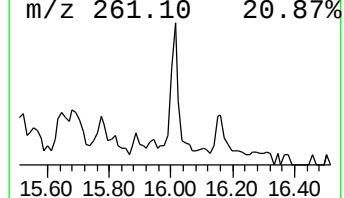
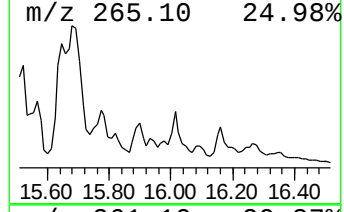
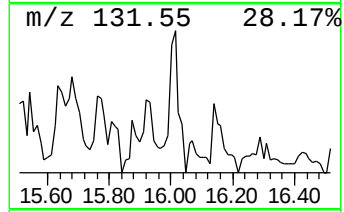
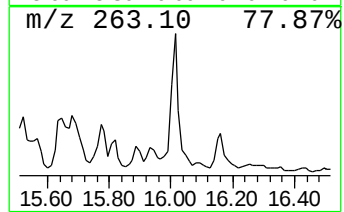
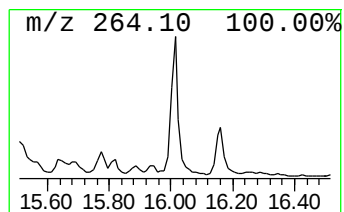
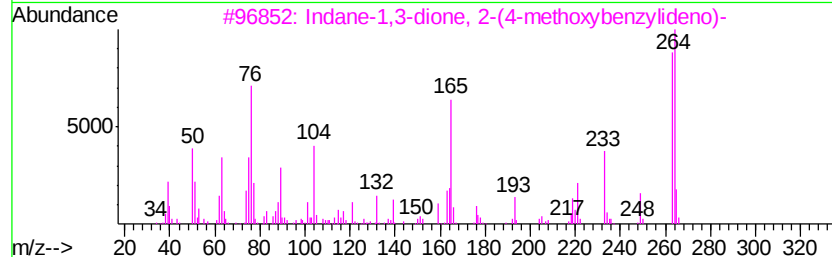
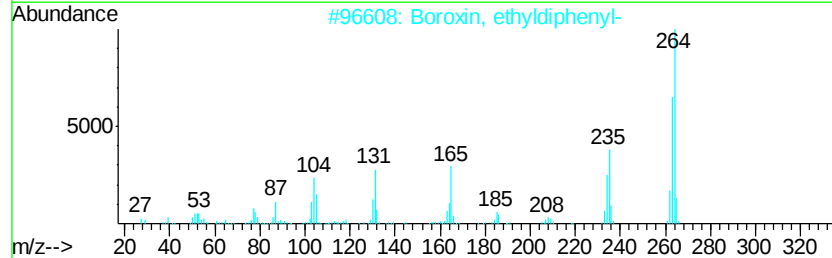
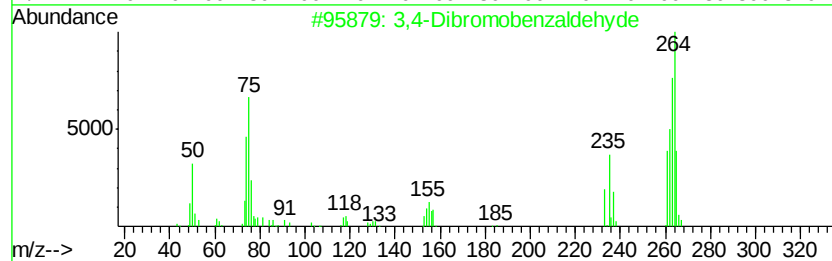
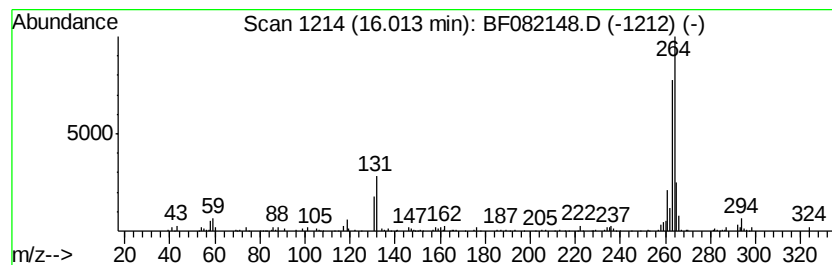
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 3,4-Dibromobenzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	5.20 ng	143737	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	64
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	64
3		Indane-1,3-dione, 2-(4-methoxybe...	264	C17H12O3	007421-76-3	53
4		Perylene-D12	264	C20D12	001520-96-3	35
5		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	32



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
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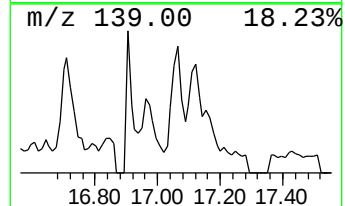
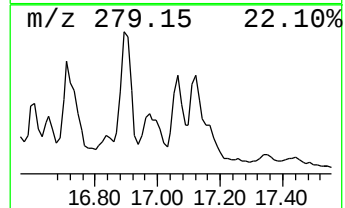
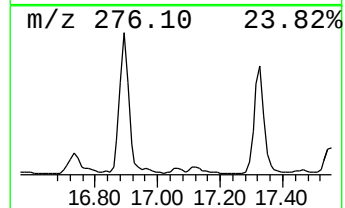
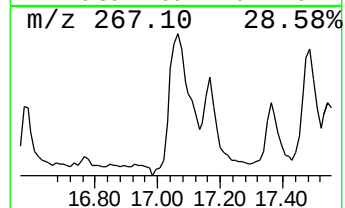
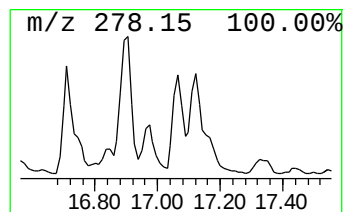
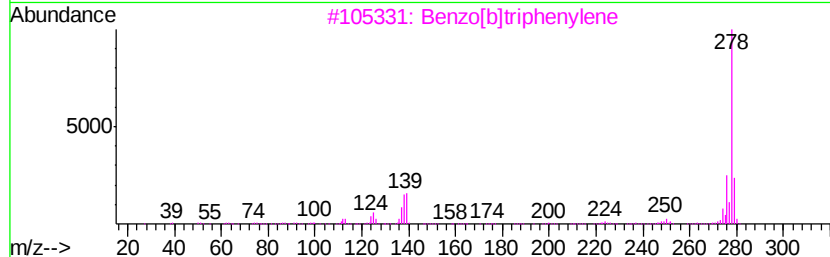
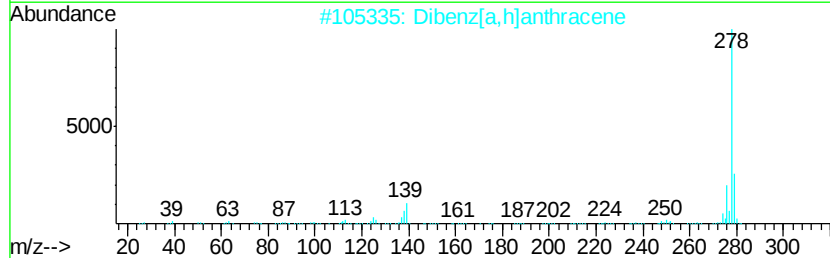
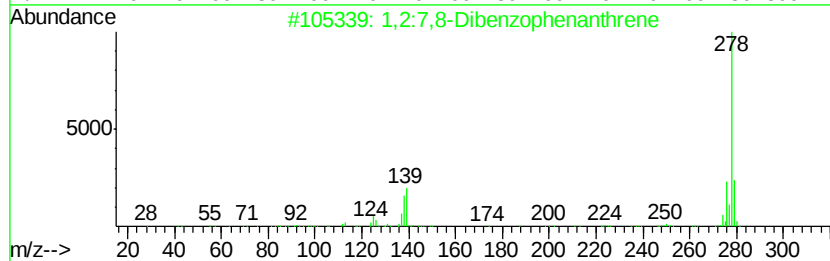
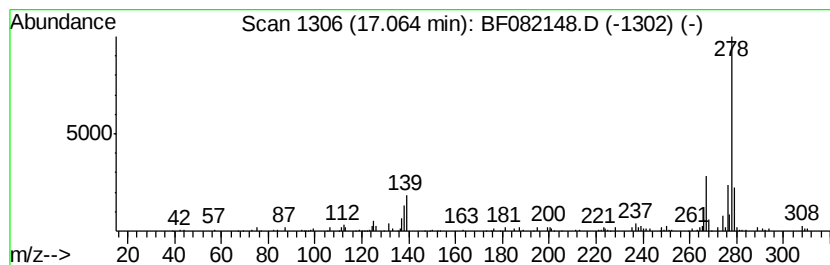
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 1,2:7,8-Dibenzophenanthrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.06	5.63 ng	155569	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	91
2		Dibenz[a,h]anthracene	278	C22H14	000053-70-3	91
3		Benzo[b]triphenylene	278	C22H14	000215-58-7	83
4		Pentacene	278	C22H14	000135-48-8	83
5		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	78



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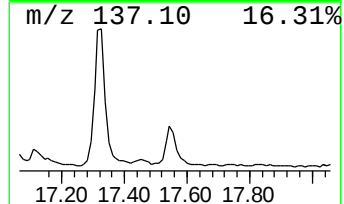
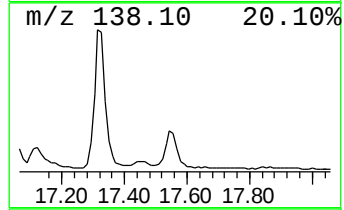
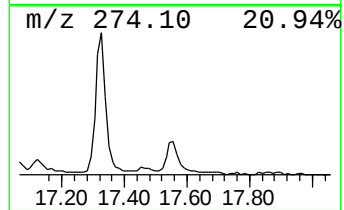
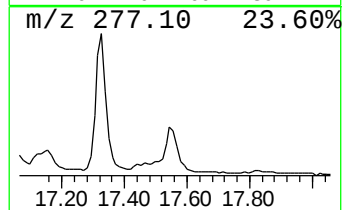
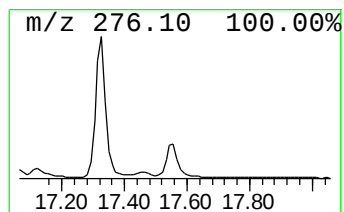
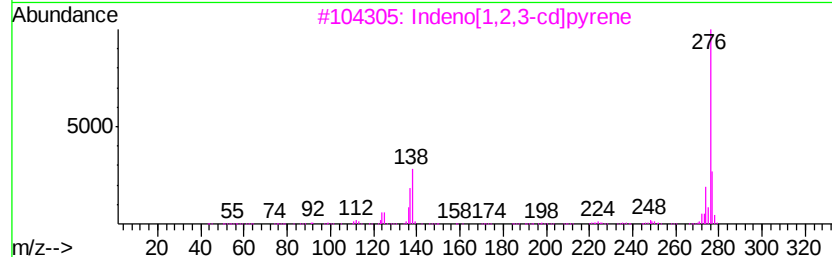
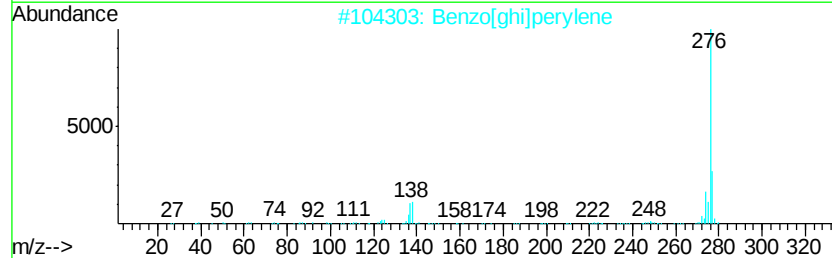
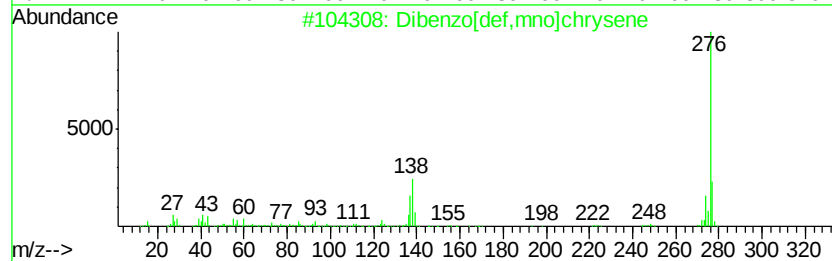
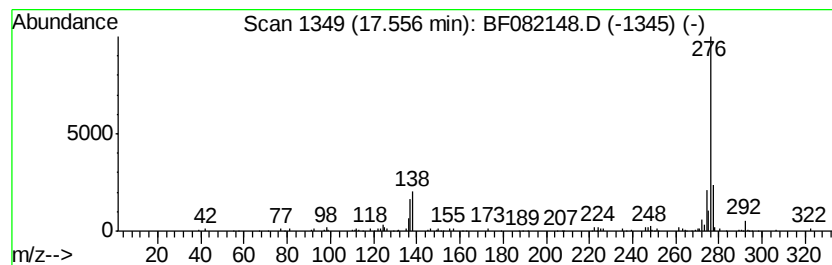
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Dibenzo[def,mno]chrysene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.56	9.41 ng	260267	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenzo[def,mno]chrysene	276	C22H12	000191-26-4	96
2		Benzo[ghi]perylene	276	C22H12	000191-24-2	95
3		Indeno[1,2,3-cd]pyrene	276	C22H12	000193-39-5	81
4		Indeno[1,2,3-cd]fluoranthene	276	C22H12	000193-43-1	74
5		6H-Pyrido[4,3-b]carbazole, 9-met...	276	C18H16N2O	010371-86-5	52



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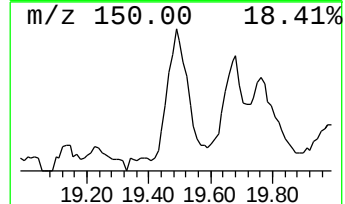
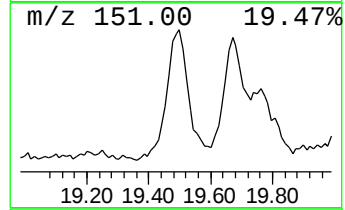
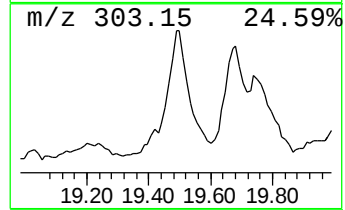
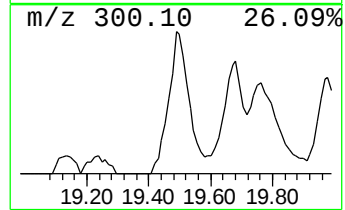
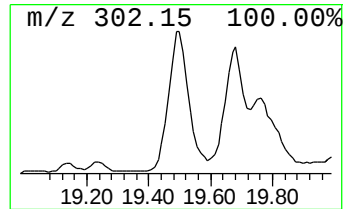
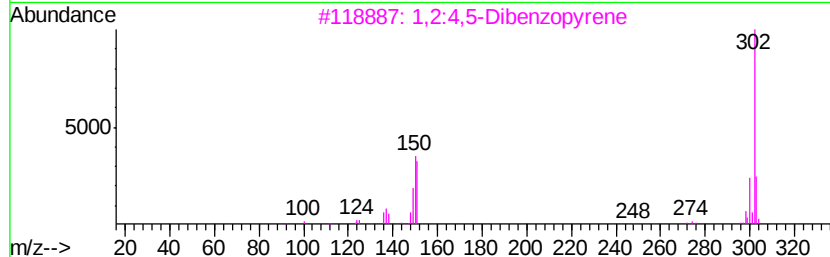
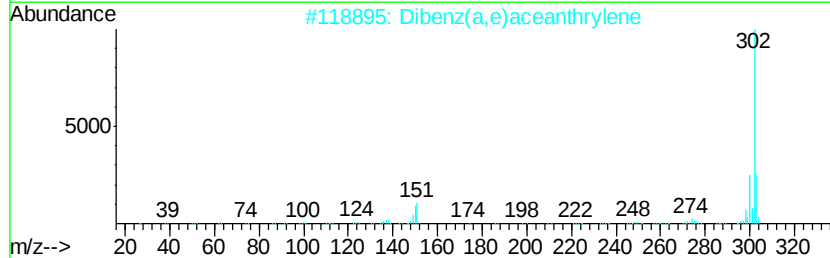
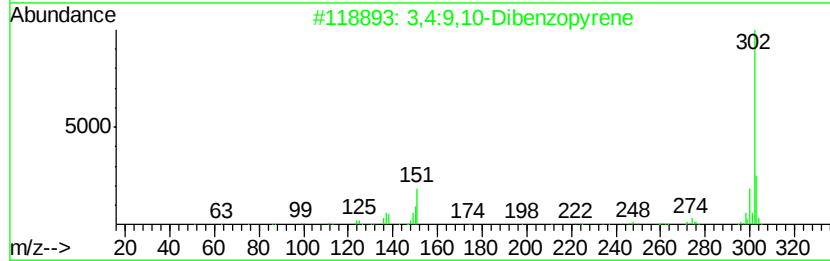
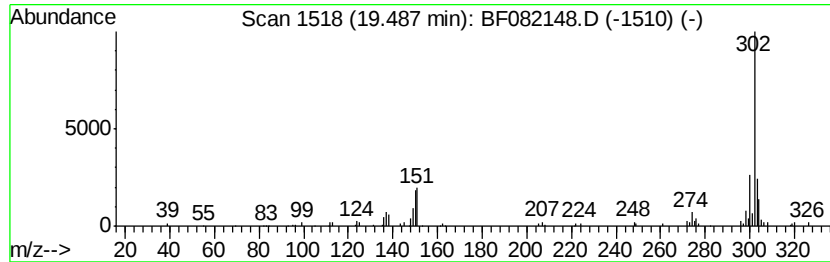
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 3,4:9,10-Dibenzopyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.49	10.81 ng	298950	Perylene-d12	15.48

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	97
2		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	95
4		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	93
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70



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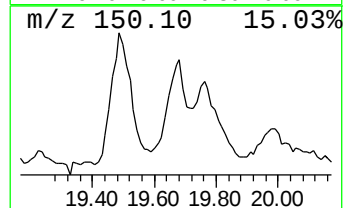
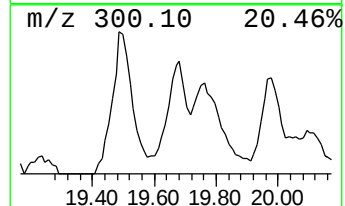
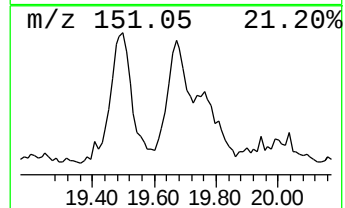
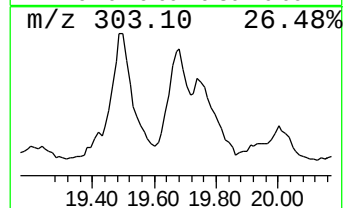
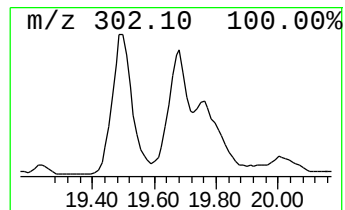
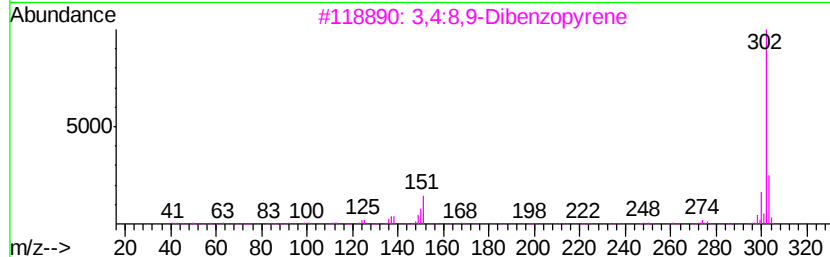
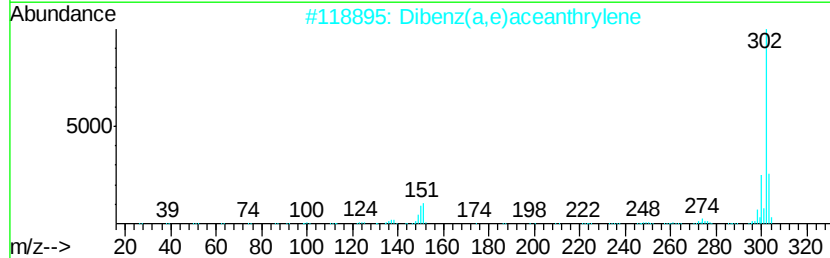
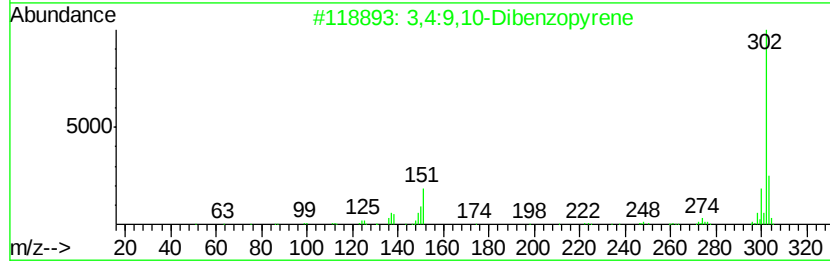
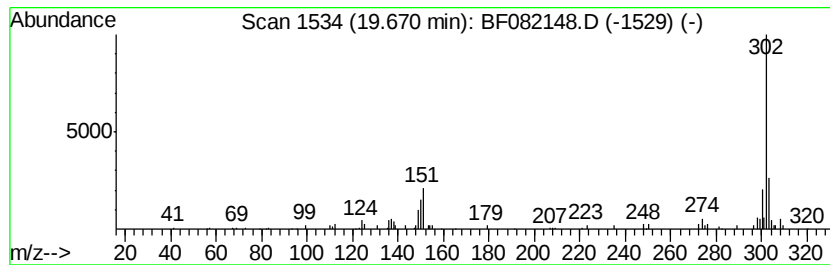
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown19.67 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.67	6.98 ng	192998	Perylene-d12	15.48

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4:9,10-Dibenzopyrene			302	C24H14	000189-55-9	96
2	Dibenz(a,e)aceanthrylene			302	C24H14	005385-75-1	96
3	3,4:8,9-Dibenzopyrene			302	C24H14	000189-64-0	95
4	1,2:4,5-Dibenzopyrene			302	C24H14	000192-65-4	93
5	Indeno[1,2,3-fg]naphthacene			302	C24H14	000203-11-2	64



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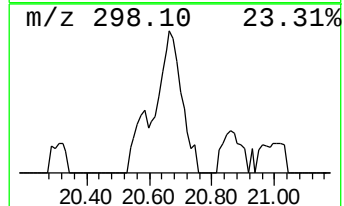
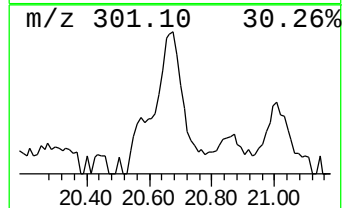
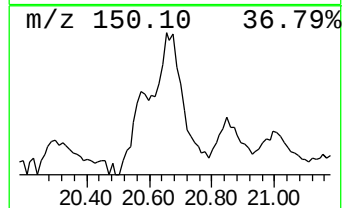
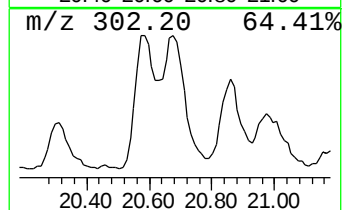
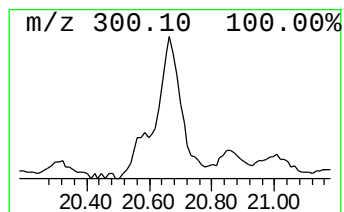
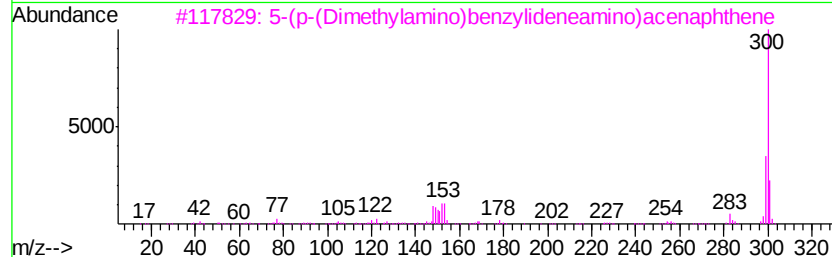
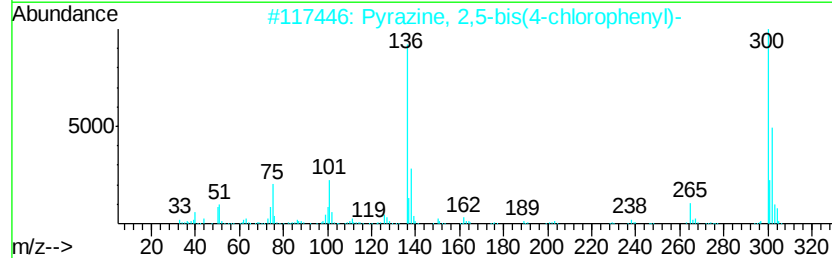
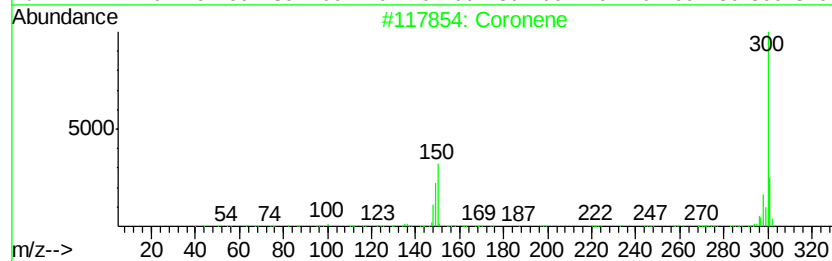
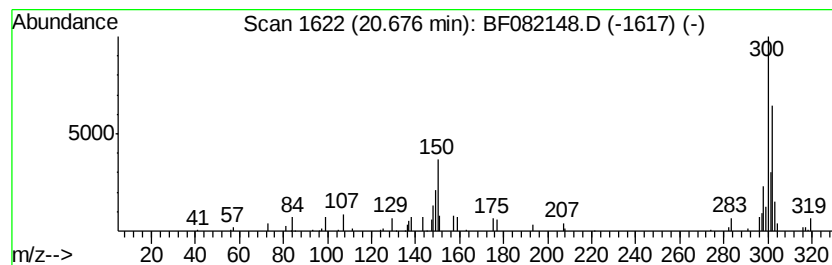
Instrument :
BNA_F
ClientSampleId :
PROPOSED-FILL(BESM)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Coronene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.68	6.80 ng	187922	Perylene-d12	15.48
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Coronene		300 C24H12	000191-07-1 64
2	Pyrazine, 2,5-bis(4-chlorophenyl)-		300 C16H10Cl2N2	074376-33-3 40
3	5-(p-(Dimethylamino)benzylideneamino)acenaphthene		300 C21H20N2	006256-22-0 38
4	Selenolo[3,4-b][1]benzoselenophene		302 C10H6OSe2	039827-01-5 30
5	4'-Bromo-flavone		300 C15H9BrO2	020525-20-6 25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100915\
 Data File : BF082148.D
 Acq On : 9 Oct 2015 16:37
 Operator : UM/IZ
 Sample : G3963-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PROPOSED-FILL(BESM)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.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...	5.04	35.2	ng	1250680	1	6.85	710137	20.0
unknown6.62	6.62	62.5	ng	2217410	1	6.85	710137	20.0
Tetradecane	9.29	5.3	ng	254016	3	9.90	957919	20.0
Naphthalene, 1,7-...	9.55	5.0	ng	237596	3	9.90	957919	20.0
Hexadecane	10.32	5.2	ng	248617	3	9.90	957919	20.0
unknown14.79	14.79	5.0	ng	138146	6	15.48	552947	20.0
9,10[1',2']-Benze...	14.89	6.4	ng	177404	6	15.48	552947	20.0
Dinaphtho[1,2-b:1...	15.26	6.8	ng	188294	6	15.48	552947	20.0
Benzo[e]pyrene	15.35	31.8	ng	879786	6	15.48	552947	20.0
Nonadecane	15.90	6.5	ng	178608	6	15.48	552947	20.0
1-Eicosene	15.96	6.1	ng	168414	6	15.48	552947	20.0
3,4-Dibromobenzal...	16.01	5.2	ng	143737	6	15.48	552947	20.0
1,2:7,8-Dibenzoph...	17.06	5.6	ng	155569	6	15.48	552947	20.0
Dibenzo[def,mno]c...	17.56	9.4	ng	260267	6	15.48	552947	20.0
3,4:9,10-Dibenzop...	19.49	10.8	ng	298950	6	15.48	552947	20.0
unknown19.67	19.67	7.0	ng	192998	6	15.48	552947	20.0
Coronene	20.68	6.8	ng	187922	6	15.48	552947	20.0