

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081037.D
 Acq On : 18 Aug 2015 8:59
 Operator : UM/IZ
 Sample : G3283-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

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-BF081715.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	3.324	108	117	120	rVB2	30934	97621	3.57%	0.198%
2	4.033	176	179	182	rBV	74907	112681	4.12%	0.228%
3	4.776	239	244	246	rBV	1034129	1941057	70.94%	3.935%
4	5.039	265	267	269	rVV	211660	216268	7.90%	0.438%
5	5.096	269	272	275	rVV2	72651	129886	4.75%	0.263%
6	5.176	275	279	280	rVV	196884	302011	11.04%	0.612%
7	5.210	280	282	285	rVV	1444549	2275661	83.17%	4.614%
8	5.622	315	318	320	rVB	106279	107662	3.93%	0.218%
9	5.770	327	331	334	rBV2	57760	97711	3.57%	0.198%
10	5.873	338	340	342	rBV2	50792	108234	3.96%	0.219%
11	6.079	354	358	360	rBV2	162833	210298	7.69%	0.426%
12	6.124	360	362	363	rVV	97027	159928	5.85%	0.324%
13	6.159	363	365	369	rVB2	83117	212101	7.75%	0.430%
14	6.227	369	371	372	rBV	126045	137262	5.02%	0.278%
15	6.284	372	376	377	rVV	2002127	2475007	90.46%	5.018%
16	6.399	383	386	388	rBV	2176387	2144650	78.38%	4.348%
17	6.456	388	391	392	rVB	118244	83595	3.06%	0.169%
18	6.627	404	406	408	rVV	512596	439942	16.08%	0.892%
19	6.684	410	411	416	rVV4	54379	100858	3.69%	0.204%
20	6.787	417	420	421	rVV	1809276	1751902	64.03%	3.552%
21	6.810	421	422	424	rVB	276368	202533	7.40%	0.411%
22	6.890	426	429	430	rBV	112637	128798	4.71%	0.261%
23	6.913	430	431	433	rVV2	81369	103809	3.79%	0.210%
24	6.959	433	435	436	rVV	163747	150902	5.52%	0.306%
25	6.982	436	437	440	rVB	80306	89831	3.28%	0.182%
26	7.027	440	441	444	rVB	83600	103402	3.78%	0.210%
27	7.199	451	456	459	rBV2	1398425	1833803	67.02%	3.718%
28	7.405	472	474	476	rBV	175605	231671	8.47%	0.470%
29	7.587	488	490	491	rVV	116958	135063	4.94%	0.274%
30	7.656	494	496	498	rVV	345892	385810	14.10%	0.782%
31	7.747	501	504	506	rVB3	57158	103486	3.78%	0.210%
32	7.919	516	519	522	rVB3	477617	1070548	39.13%	2.171%
33	8.193	541	543	547	rBV4	52137	102876	3.76%	0.209%
34	8.628	578	581	583	rBV	270403	244319	8.93%	0.495%

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35	8.719	587	589	592	rBV	146349	155380	5.68%	0.315%
36	8.993	610	613	616	rVB	2067043	1964967	71.82%	3.984%
37	9.245	633	635	640	rBV2	55869	101138	3.70%	0.205%
38	9.393	646	648	650	rVV	502739	460712	16.84%	0.934%
39	9.656	669	671	673	rBV2	454685	524848	19.18%	1.064%
40	9.690	673	674	676	rVB	574460	444657	16.25%	0.902%
41	9.862	687	689	691	rVV	351020	295753	10.81%	0.600%
42	10.205	717	719	721	rVV	554488	470667	17.20%	0.954%
43	10.445	737	740	742	rBV	1212821	1200895	43.89%	2.435%
44	10.582	750	752	755	rVB	65045	96969	3.54%	0.197%
45	10.902	775	780	782	rBV4	36061	89293	3.26%	0.181%
46	11.028	789	791	793	rBV	236915	194145	7.10%	0.394%
47	11.165	798	803	805	rBV2	2257944	2655384	97.05%	5.384%
48	11.211	805	807	809	rVV	828628	704353	25.74%	1.428%
49	11.371	817	821	822	rBV	312927	400301	14.63%	0.812%
50	11.451	825	828	831	rVV4	62093	112881	4.13%	0.229%
51	11.634	839	844	845	rBV3	199006	224759	8.21%	0.456%
52	11.656	845	846	848	rVV	157472	242558	8.87%	0.492%
53	11.691	848	849	852	rVV2	141225	224802	8.22%	0.456%
54	11.748	852	854	858	rVB2	393678	534559	19.54%	1.084%
55	11.862	861	864	866	rVV3	61591	116525	4.26%	0.236%
56	11.931	868	870	874	rVB2	159190	213368	7.80%	0.433%
57	12.182	889	892	893	rBV	88300	99954	3.65%	0.203%
58	12.354	903	907	909	rBV	2170056	2736088	100.00%	5.547%
59	12.399	909	911	913	rVV2	86524	127162	4.65%	0.258%
60	12.491	916	919	920	rVV2	84895	130360	4.76%	0.264%
61	12.571	923	926	929	rBV	1715082	2377938	86.91%	4.821%
62	12.616	929	930	933	rVB2	134146	120979	4.42%	0.245%
63	12.685	934	936	937	rBV	120881	117268	4.29%	0.238%
64	12.719	937	939	942	rVB	1437329	1604651	58.65%	3.253%
65	12.788	942	945	946	rBV2	110880	172279	6.30%	0.349%
66	12.891	950	954	956	rVB	258724	461082	16.85%	0.935%
67	12.959	958	960	962	rBV	332651	333387	12.18%	0.676%
68	12.994	962	963	965	rVV	174604	209869	7.67%	0.426%
69	13.314	989	991	995	rVB2	91867	123840	4.53%	0.251%
70	13.394	996	998	1001	rVB2	70908	102079	3.73%	0.207%
71	13.508	1006	1008	1009	rBV	193936	228820	8.36%	0.464%

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72	13.554	1009	1012	1015	rVV3	114520	297517	10.87%	0.603%
73	13.634	1018	1019	1021	rBV	186863	183207	6.70%	0.371%
74	13.759	1026	1030	1031	rBV2	1160374	1899016	69.41%	3.850%
75	13.794	1031	1033	1035	rVV	932980	1082845	39.58%	2.195%
76	13.862	1037	1039	1041	rVV	304903	296961	10.85%	0.602%
77	13.954	1045	1047	1049	rVV3	122675	236375	8.64%	0.479%
78	14.148	1061	1064	1065	rVB	105163	148049	5.41%	0.300%
79	14.240	1069	1072	1073	rBV2	76422	134150	4.90%	0.272%
80	14.285	1073	1076	1078	rVB4	133155	239619	8.76%	0.486%
81	14.445	1088	1090	1095	rBV3	73776	150574	5.50%	0.305%
82	14.525	1095	1097	1101	rBV	315458	400654	14.64%	0.812%
83	14.605	1102	1104	1106	rVV2	55777	89174	3.26%	0.181%
84	14.754	1114	1117	1121	rBV	787294	1560793	57.04%	3.164%
85	14.845	1123	1125	1126	rVB	147334	183347	6.70%	0.372%
86	15.005	1137	1139	1142	rVB	357922	538007	19.66%	1.091%
87	15.062	1142	1144	1147	rVB	599390	738922	27.01%	1.498%
88	15.120	1147	1149	1150	rBV	191282	309125	11.30%	0.627%
89	15.588	1188	1190	1194	rVB	69666	114249	4.18%	0.232%
90	15.714	1198	1201	1207	rVB3	54503	145052	5.30%	0.294%
91	16.068	1230	1232	1239	rVB5	60189	167259	6.11%	0.339%
92	16.194	1239	1243	1248	rBV4	49626	159474	5.83%	0.323%
93	16.354	1254	1257	1260	rVB	279576	475869	17.39%	0.965%
94	16.491	1267	1269	1272	rBV	50656	115472	4.22%	0.234%
95	16.548	1272	1274	1285	rVB4	72899	283009	10.34%	0.574%
96	16.720	1285	1289	1294	rBV	195305	412774	15.09%	0.837%
97	16.914	1303	1306	1310	rVB	61409	112234	4.10%	0.228%
98	18.594	1447	1453	1460	rVB	49776	200732	7.34%	0.407%
99	18.754	1460	1467	1470	rBV	39307	157329	5.75%	0.319%
100	19.600	1537	1541	1548	rVB4	32391	124706	4.56%	0.253%

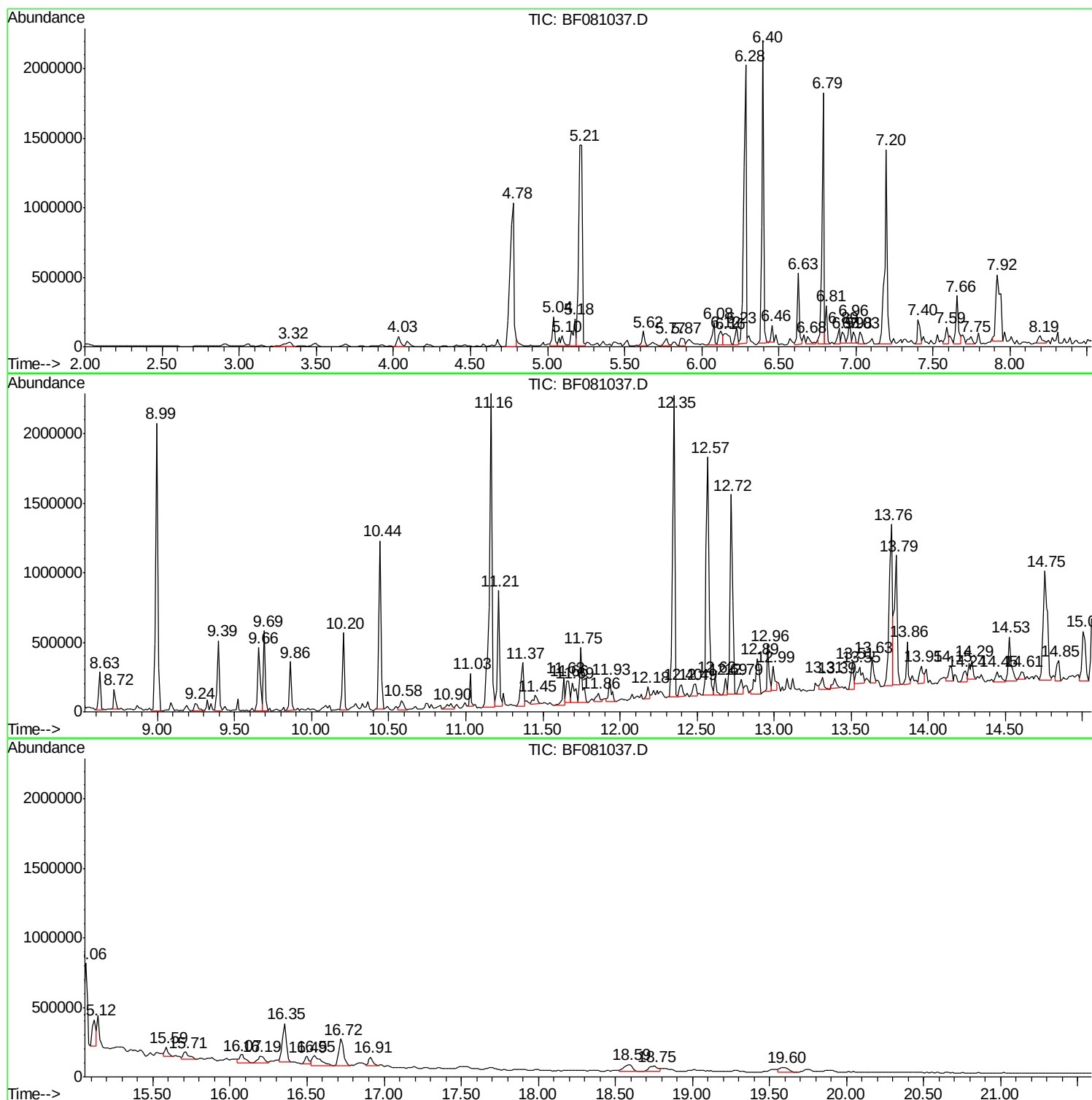
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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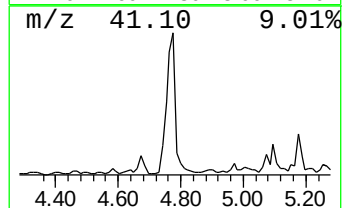
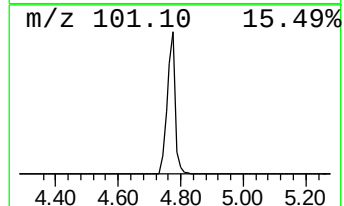
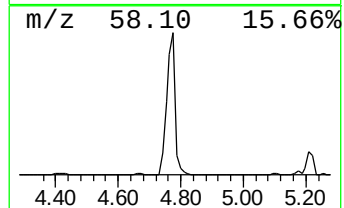
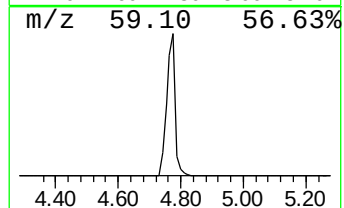
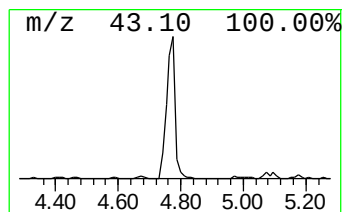
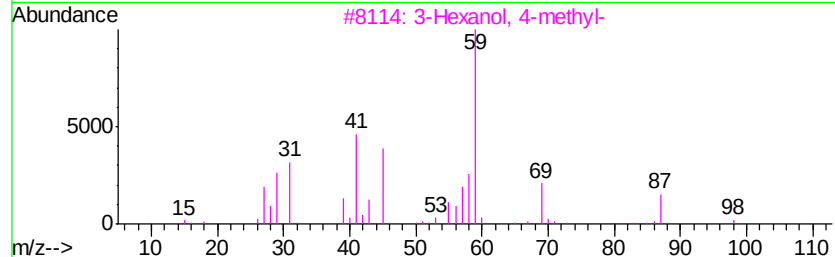
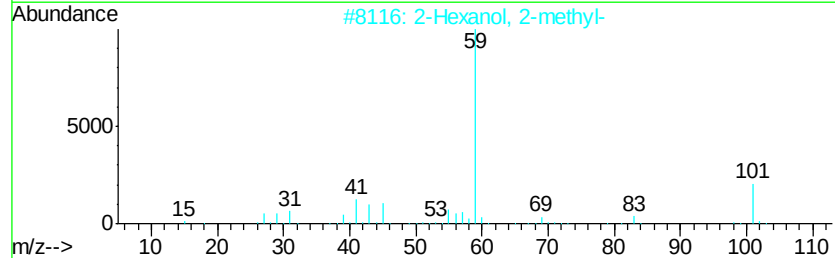
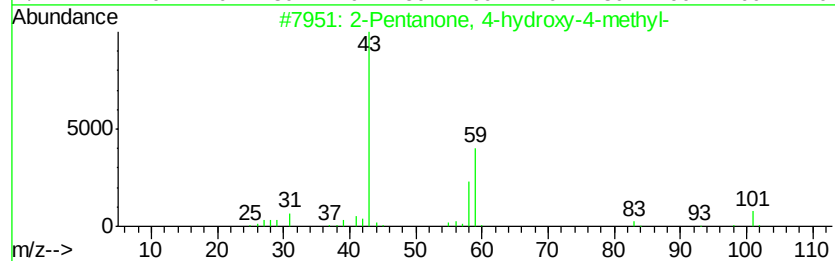
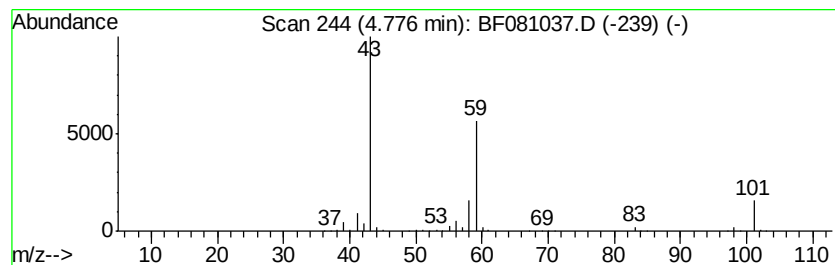
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.78	88.24 ng	1941060	1,4-Dichlorobenzene-d4	6.63

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33	
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33	
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32	
5	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28	



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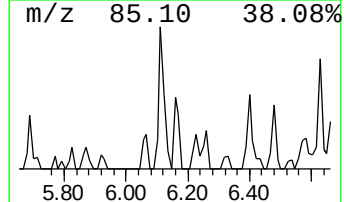
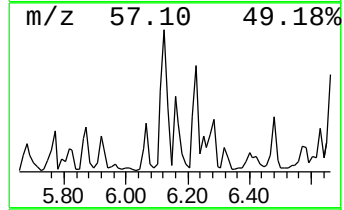
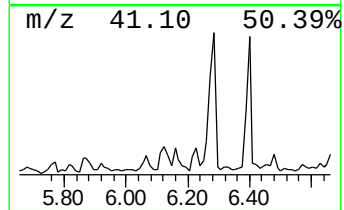
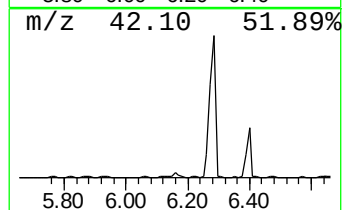
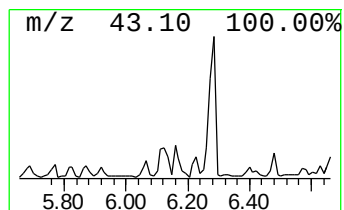
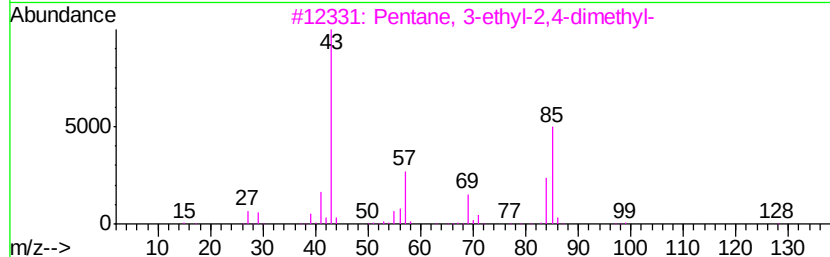
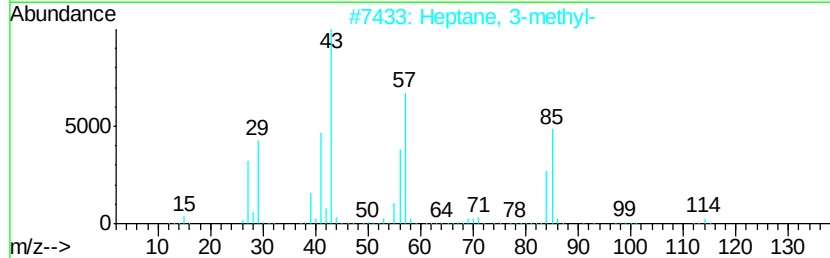
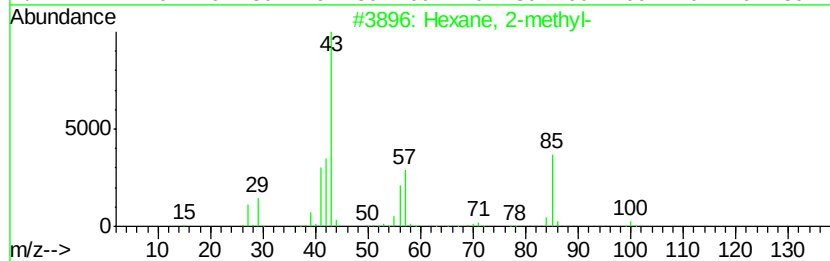
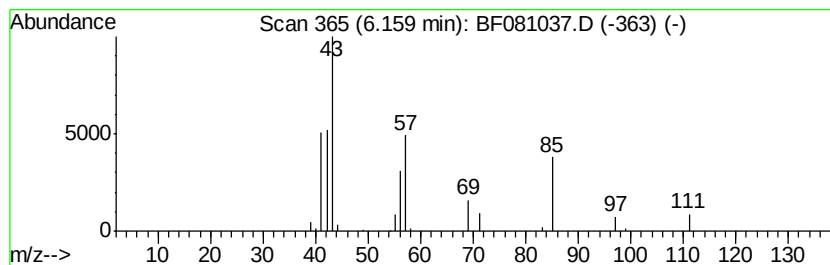
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown6.16 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	9.64 ng	212101	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexane, 2-methyl-	100	C7H16	000591-76-4	45
2		Heptane, 3-methyl-	114	C8H18	000589-81-1	28
3		Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	23
4		Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	23
5		Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9



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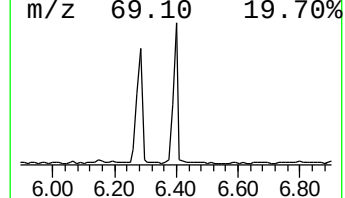
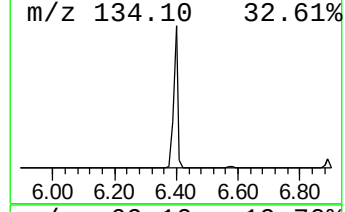
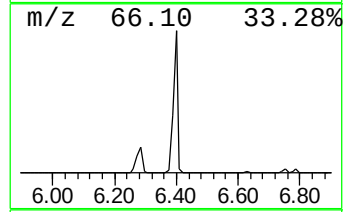
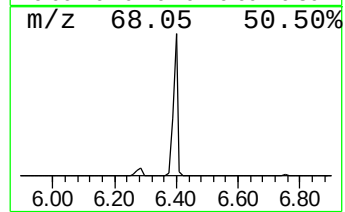
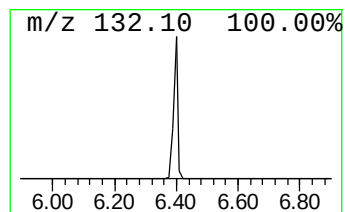
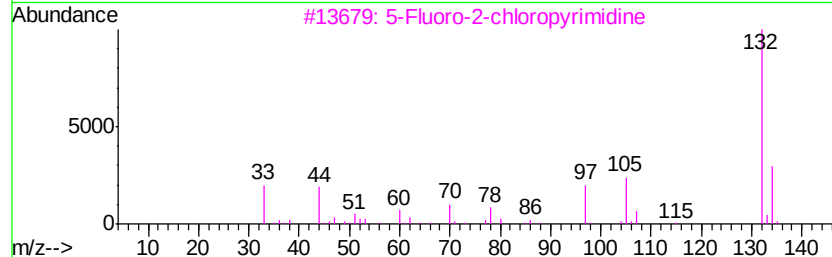
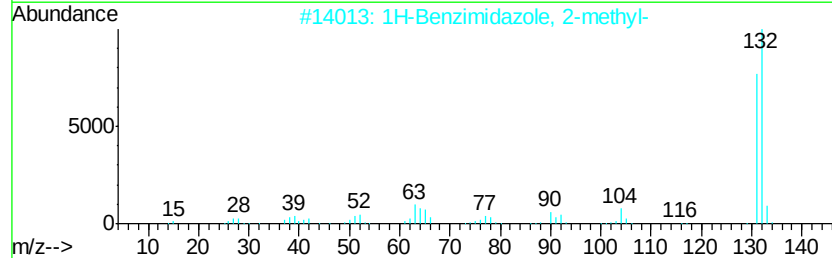
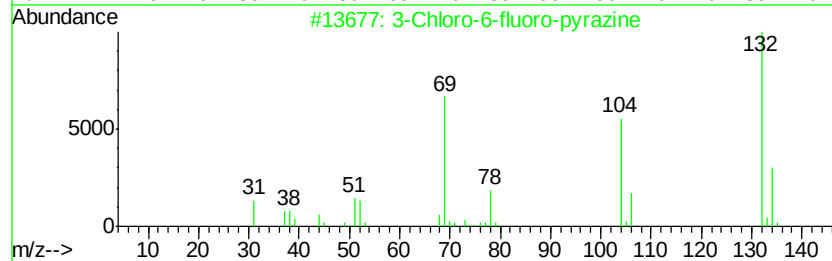
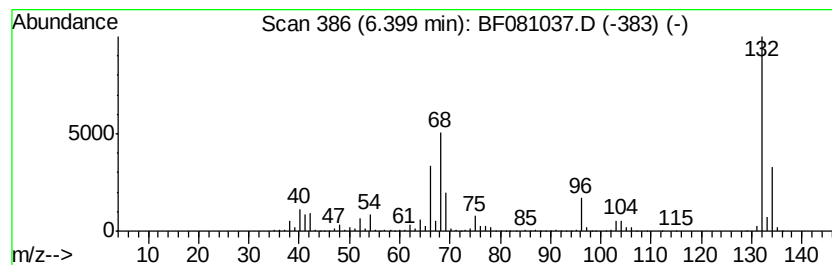
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Peak Number 5 unknown6.40 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	97.50 ng	2144650	1,4-Dichlorobenzene-d4	6.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H	Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5	Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4	2	Cyclohexen-1-one	96	C6H8O	000930-68-7	10
5	(5	METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10



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Data File : BF081037.D
Acq On : 18 Aug 2015 8:59
Operator : UM/IZ
Sample : G3283-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

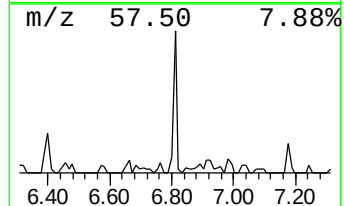
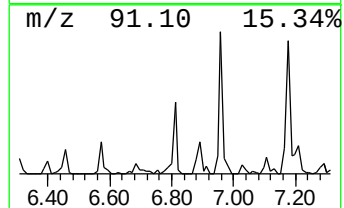
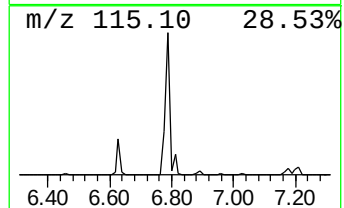
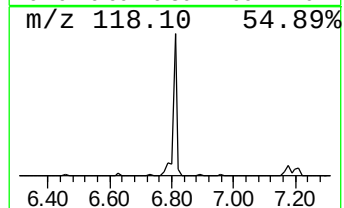
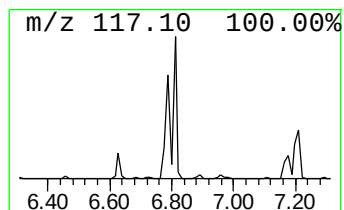
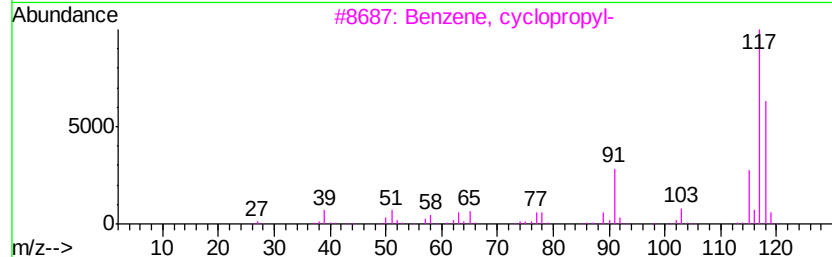
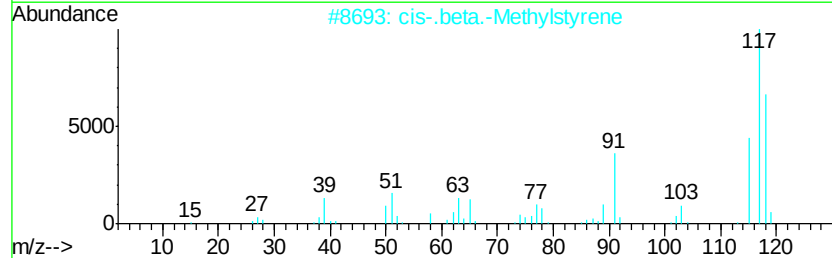
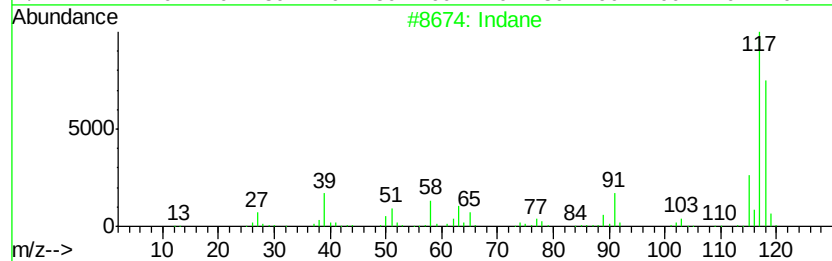
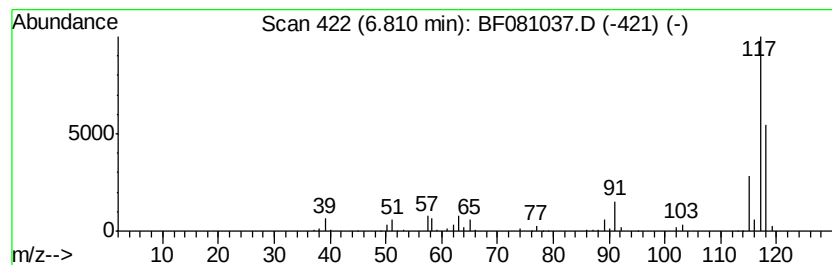
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Indane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	9.21 ng	202533	1,4-Dichlorobenzene-d4	6.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	87
2	cis-.beta.-Methylstyrene	118	C9H10	000766-90-5	74
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	64
5	Benzaldehyde, 4-(1-phenyl-2-prop...	238	C16H14O2	1000277-56-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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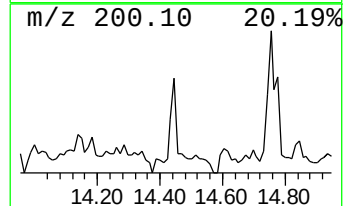
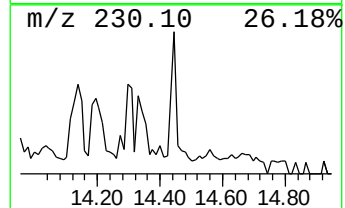
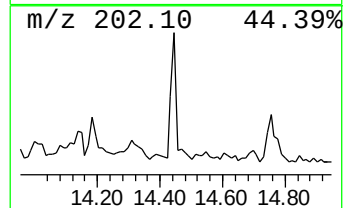
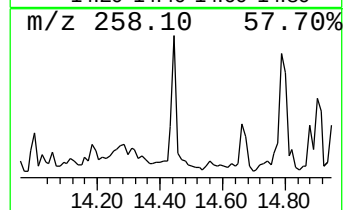
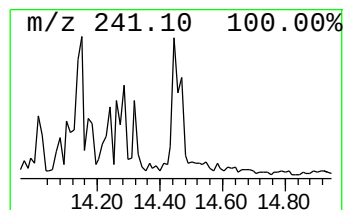
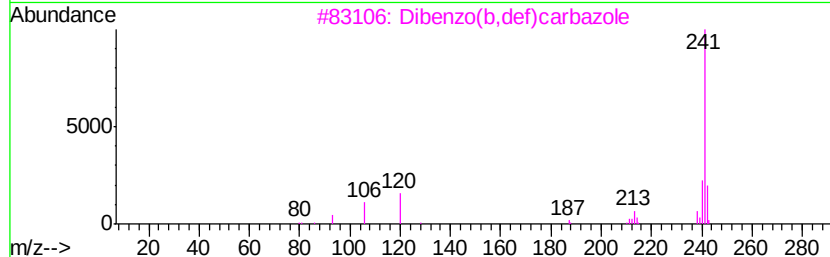
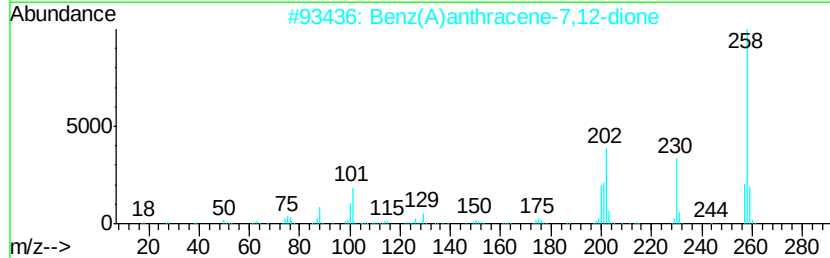
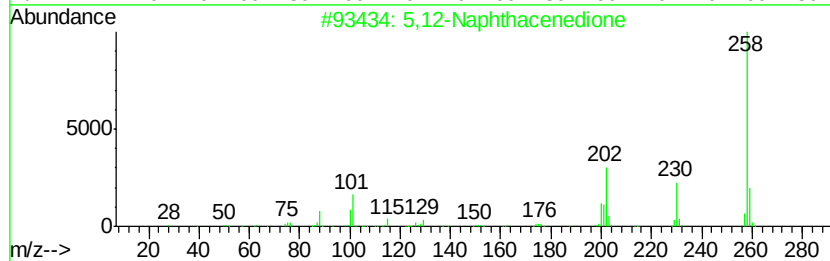
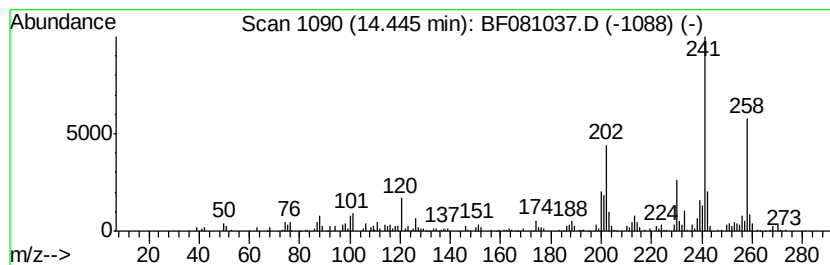
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 5,12-Naphthacenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.		
14.45	9.74 ng	150574	Perylene-d12	15.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,12-Naphthacenedione	258	C18H10O2	001090-13-7	55	
2	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	46	
3	Dibenzo(b,def)carbazole	241	C18H11N	104313-09-9	38	
4	2,6-Diethyl-4-(4-methoxyphenyl)p...	241	C16H19NO	073669-46-2	38	
5	3,5-Bis(trifluoromethyl)benzoic ...	258	C9H4F6O2	000725-89-3	32	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 8:59
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ClientSampleId :
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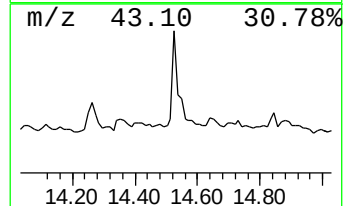
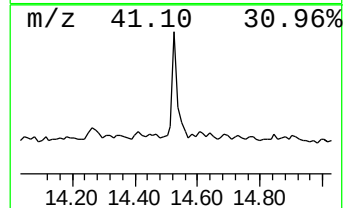
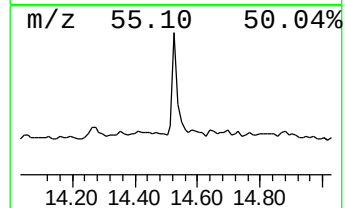
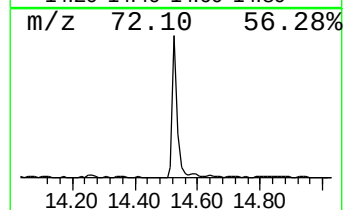
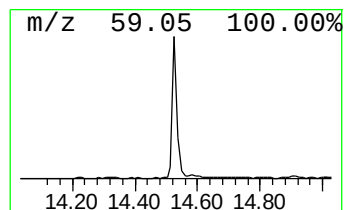
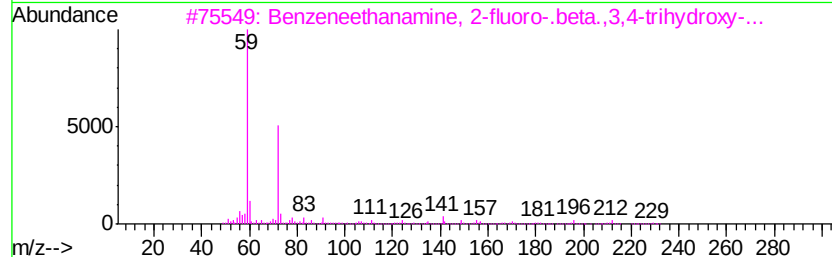
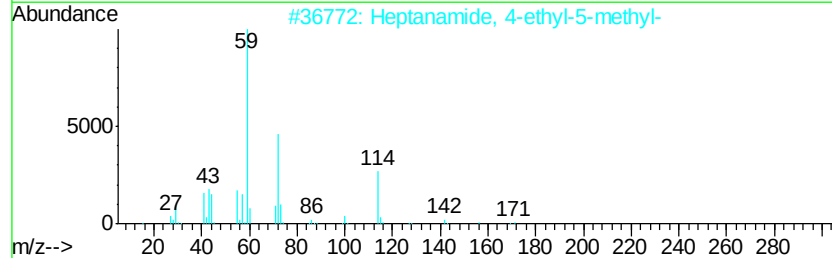
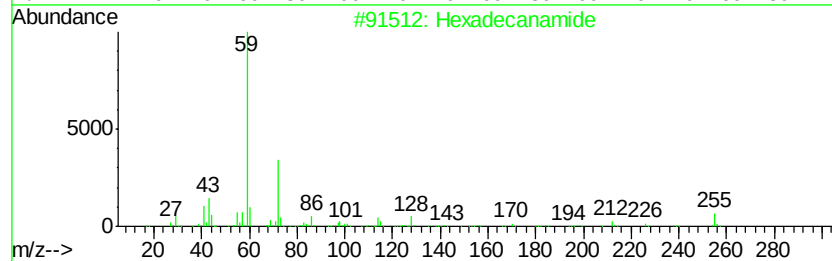
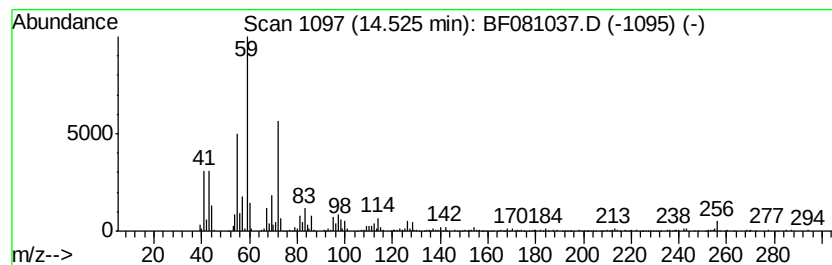
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Hexadecanamide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.53	25.92 ng	400654	Perylene-d12	15.12

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanamide		255	C16H33NO	000629-54-9	64
2	Heptanamide, 4-ethyl-5-methyl-		171	C10H21NO	054789-40-1	64
3	Benzeneethanamine, 2-fluoro-.bet...		229	C11H16FN03	061338-98-5	64
4	Tetradecanamide		227	C14H29NO	000638-58-4	59
5	Nonanamide		157	C9H19NO	001120-07-6	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081037.D
Acq On : 18 Aug 2015 8:59
Operator : UM/IZ
Sample : G3283-03
Misc :
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Instrument :
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ClientSampleId :
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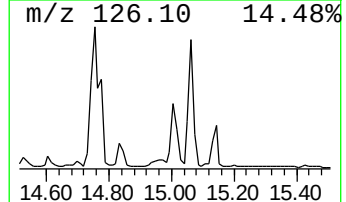
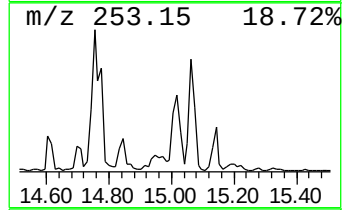
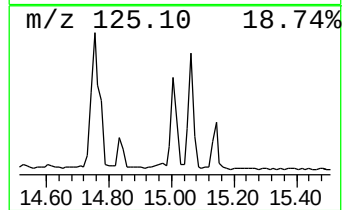
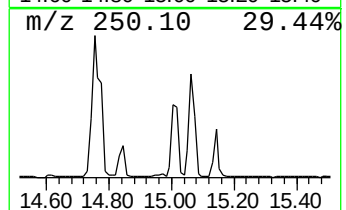
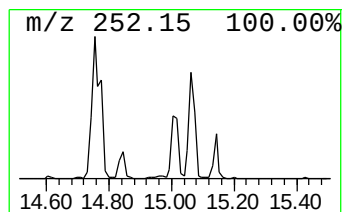
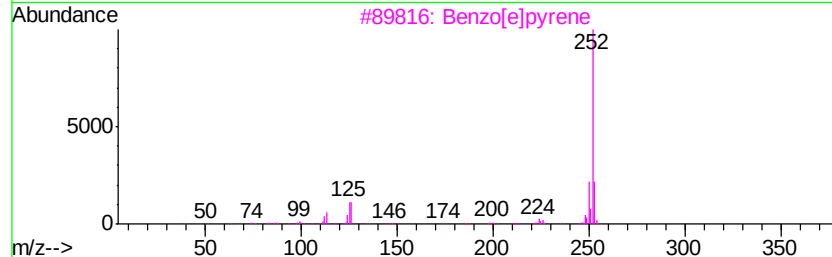
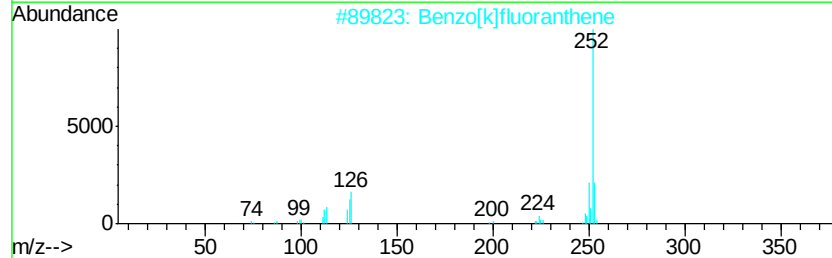
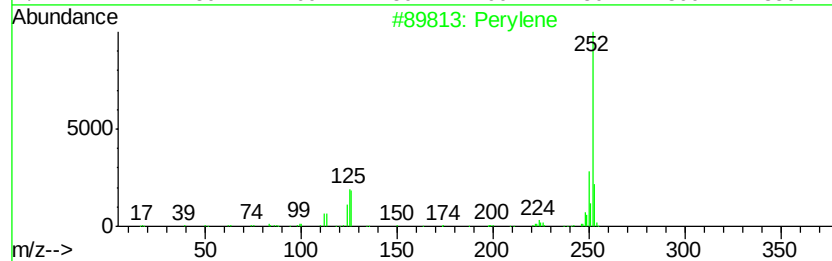
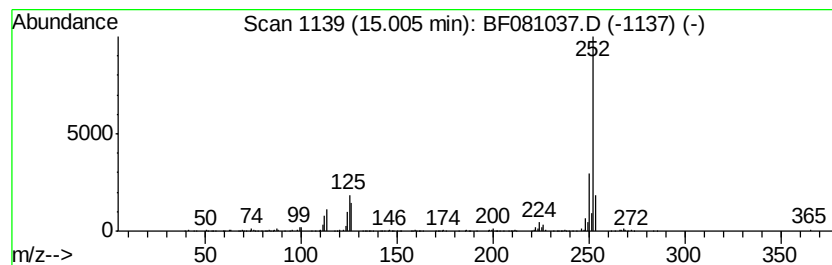
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.01	34.81 ng	538007	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Perylene	252	C20H12	000198-55-0	98
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3		Benzo[e]pyrene	252	C20H12	000192-97-2	96
4		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5		Benzo[j]fluoranthene	252	C20H12	000205-82-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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Acq On : 18 Aug 2015 8:59
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Sample : G3283-03
Misc :
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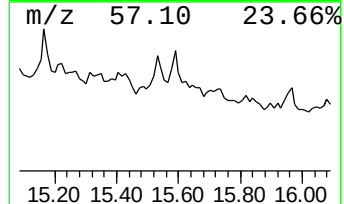
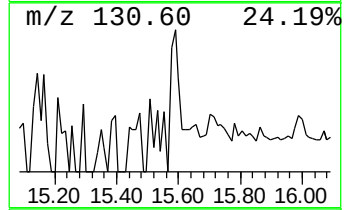
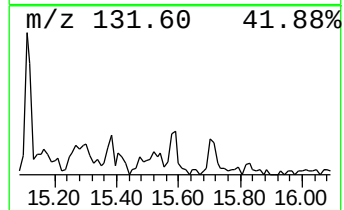
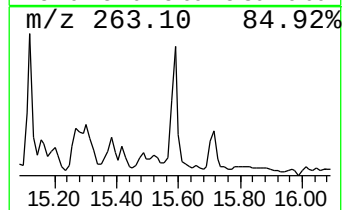
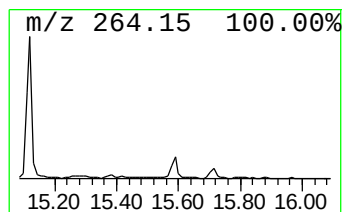
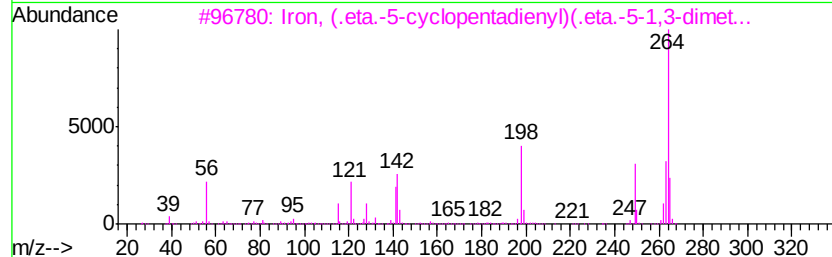
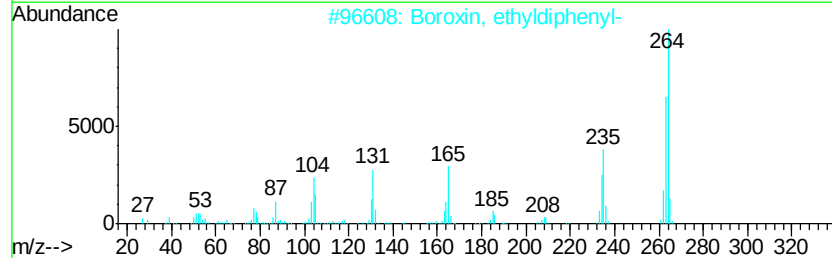
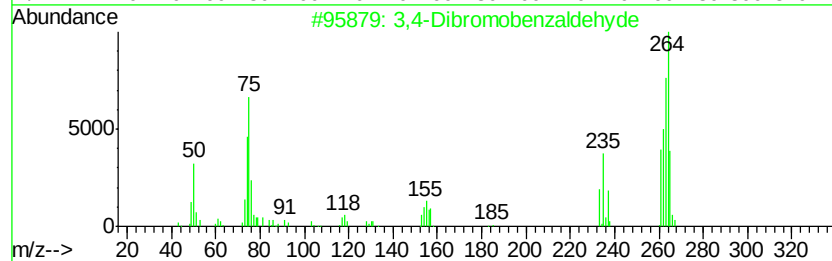
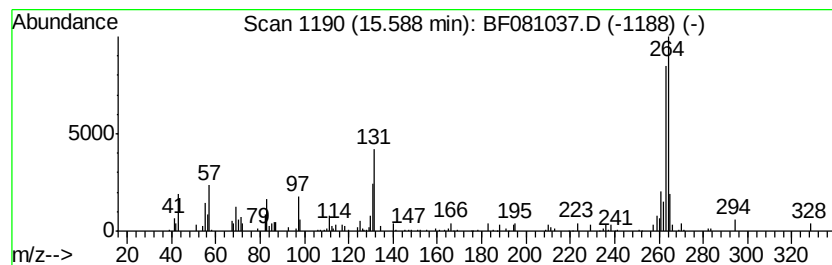
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,4-Dibromobenzaldehyde Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.		
15.59	7.39 ng	114249	Perylene-d12	15.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		3,4-Dibromobenzaldehyde	262	C7H4Br2O	074003-55-7	58
2		Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	42
3		Iron, (.eta.-5-cyclopentadienyl)...	264	C16H16Fe	1000155-06-6	35
4		2,5-Bis(4-hydroxyphenyl)pyrimidine	264	C16H12N2O2	159488-83-2	25
5		Cyclopentanone 2,4-dinitrophenyl...	264	C11H12N4O4	002057-87-6	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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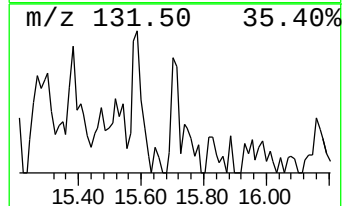
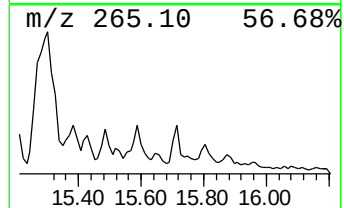
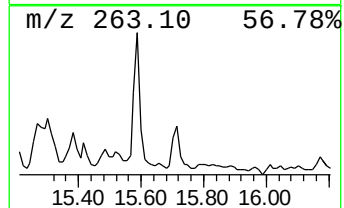
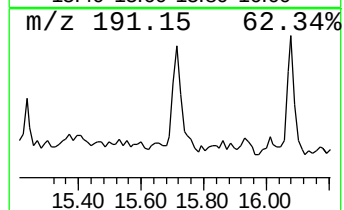
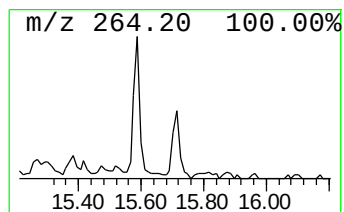
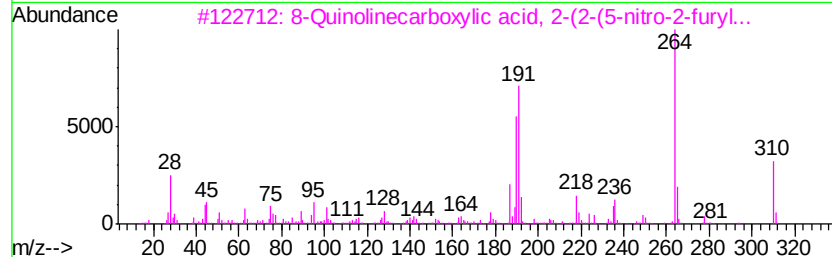
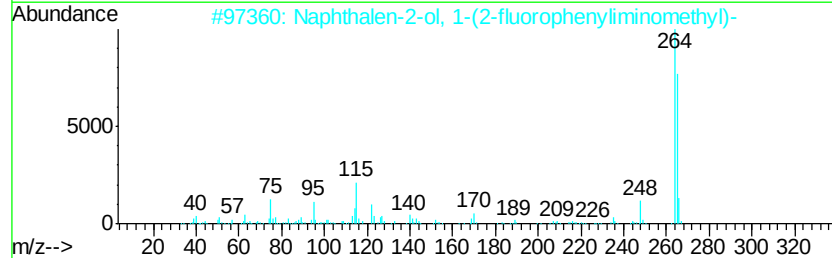
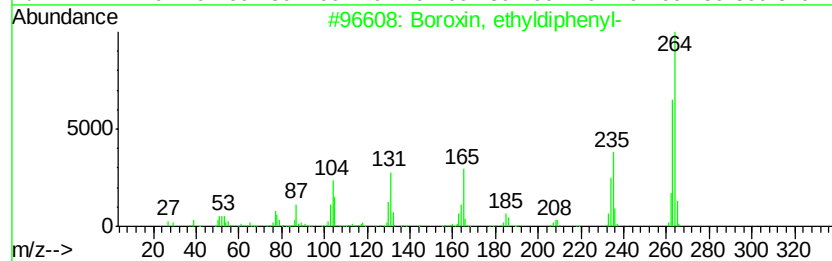
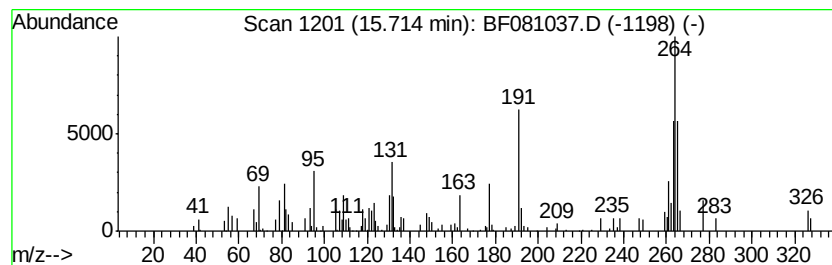
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 unknown15.71 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.71	9.38 ng	145052	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Boroxin, ethyldiphenyl-	264	C14H15B3O3	1000151-82-0	38
2		Naphthalen-2-ol, 1-(2-fluorophen...	265	C17H12FNO	073621-66-6	35
3		8-Quinolinecarboxylic acid, 2-(2...	310	C16H10N2O5	013022-19-0	32
4		Benzaldehyde, 4-(5-phenyl-2-oxaz...	264	C16H12N2O2	1000262-81-2	27
5		9H-Purin-6-amine, N,9-bis(trimet...	279	C11H21N5Si2	017995-04-9	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
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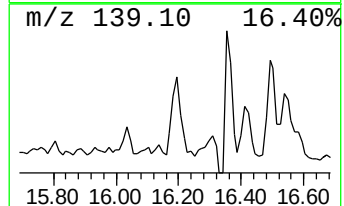
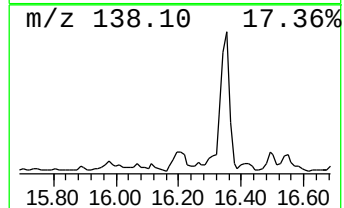
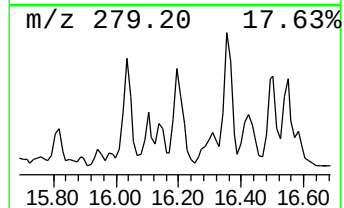
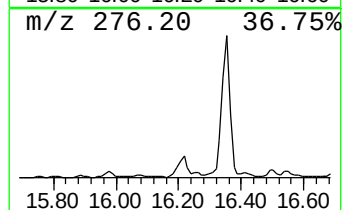
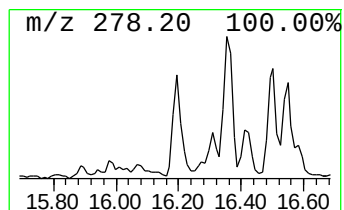
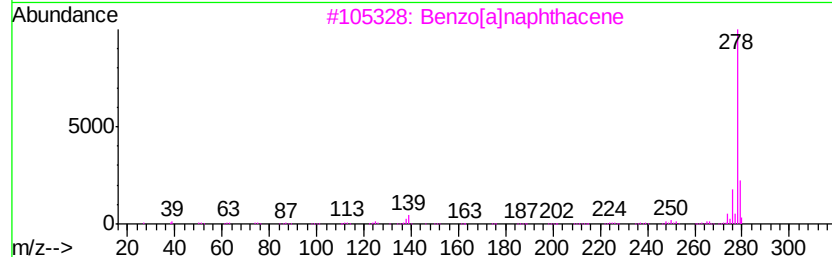
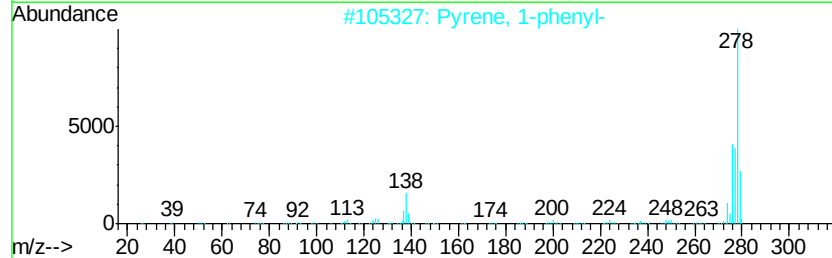
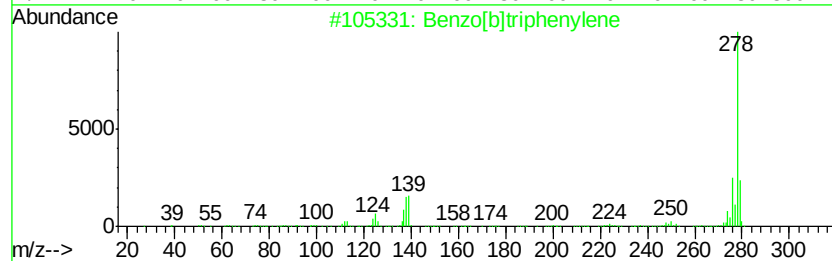
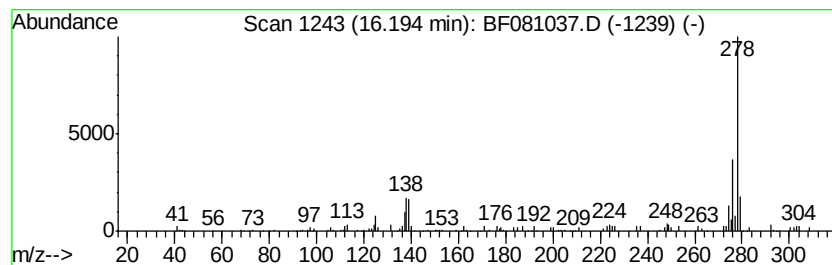
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Benzo[b]triphenylene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.19	10.32 ng	159474	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[b]triphenylene	278	C22H14	000215-58-7	96
2		Pyrene, 1-phenyl-	278	C22H14	005101-27-9	64
3		Benzo[a]naphthacene	278	C22H14	000226-88-0	62
4		Pentacene	278	C22H14	000135-48-8	58
5		1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081037.D
Acq On : 18 Aug 2015 8:59
Operator : UM/IZ
Sample : G3283-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

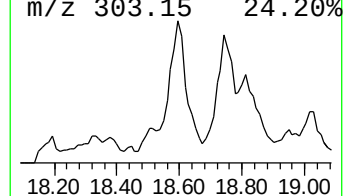
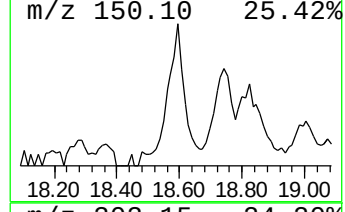
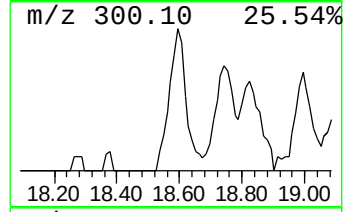
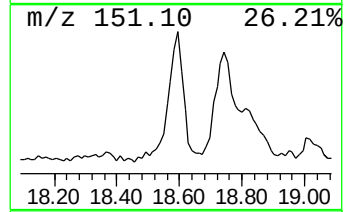
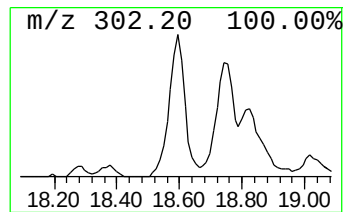
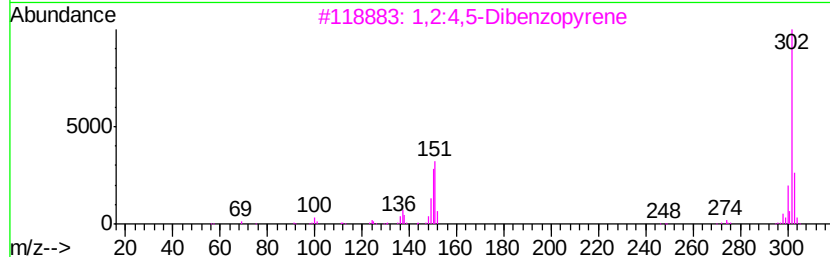
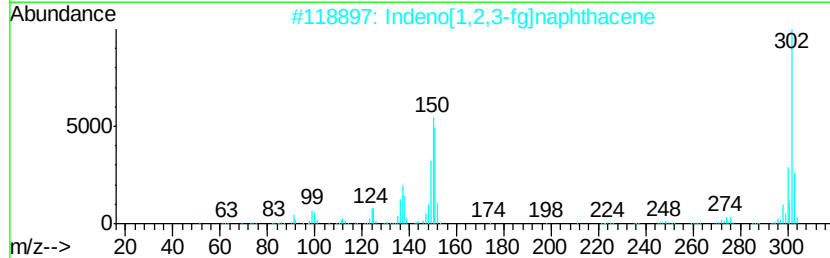
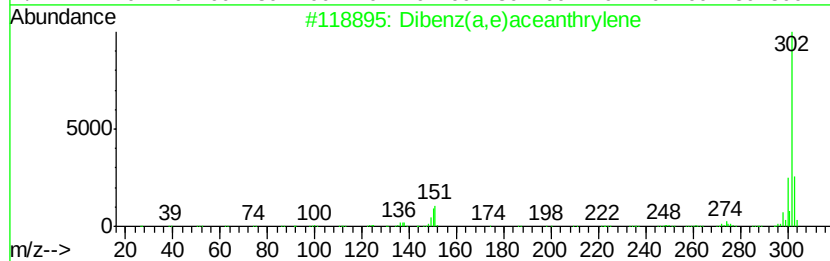
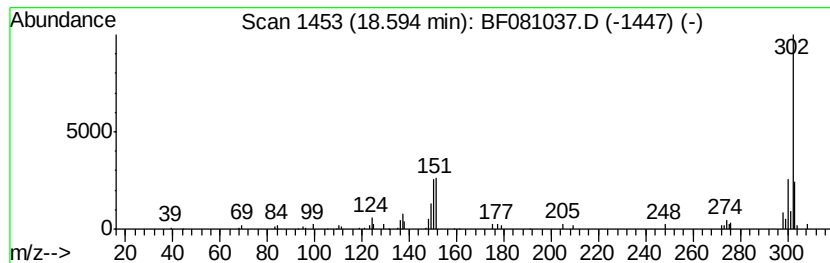
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dibenz(a,e)aceanthrylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	12.99 ng	200732	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
2		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	93
3		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	91
4		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	89
5		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081037.D
Acq On : 18 Aug 2015 8:59
Operator : UM/IZ
Sample : G3283-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

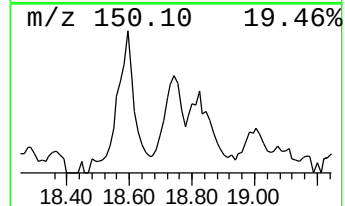
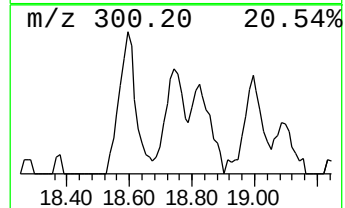
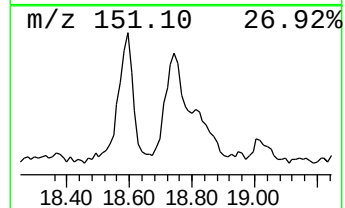
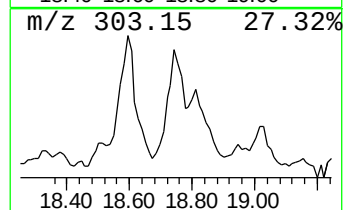
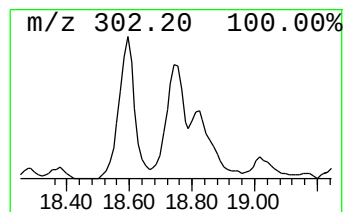
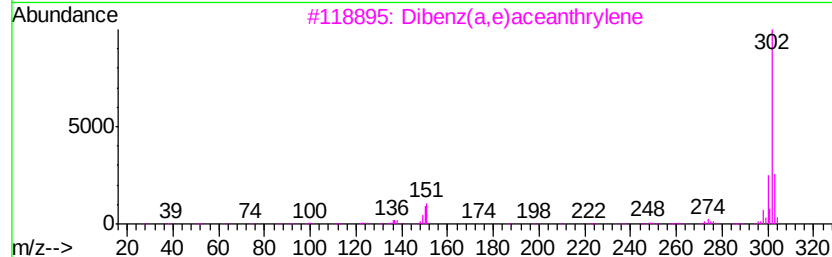
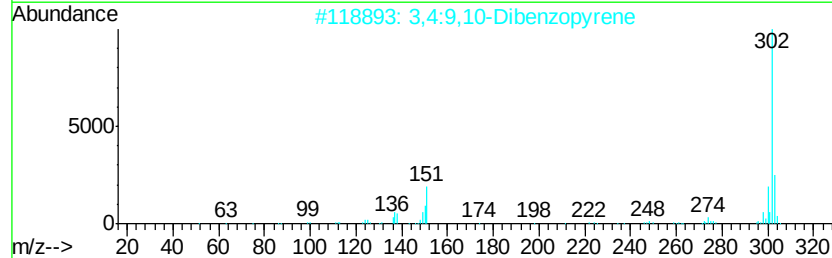
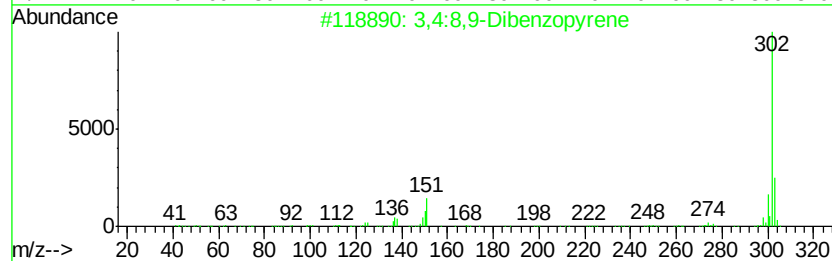
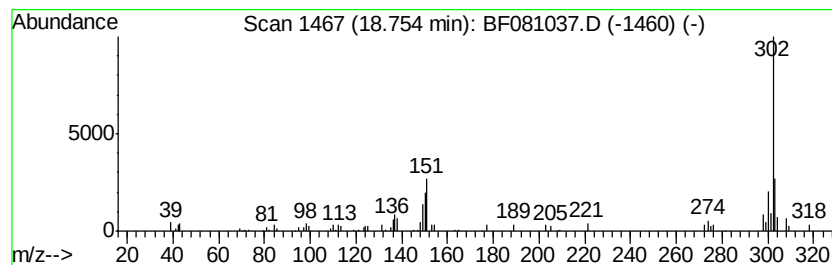
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 3,4:8,9-Dibenzopyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.75	10.18 ng	157329	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	96
2		3,4:9,10-Dibenzopyrene	302	C24H14	000189-55-9	96
3		Dibenz(a,e)aceanthrylene	302	C24H14	005385-75-1	95
4		1,2:4,5-Dibenzopyrene	302	C24H14	000192-65-4	89
5		Indeno[1,2,3-fg]naphthacene	302	C24H14	000203-11-2	76



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
Data File : BF081037.D
Acq On : 18 Aug 2015 8:59
Operator : UM/IZ
Sample : G3283-03
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TEC-COMP16

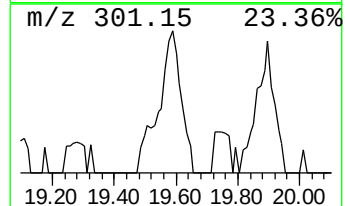
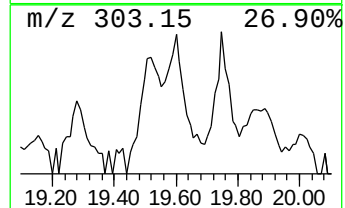
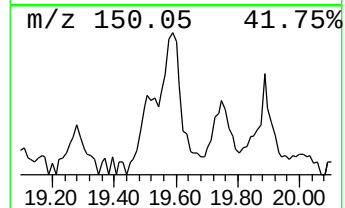
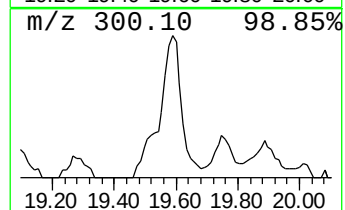
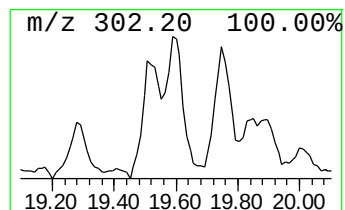
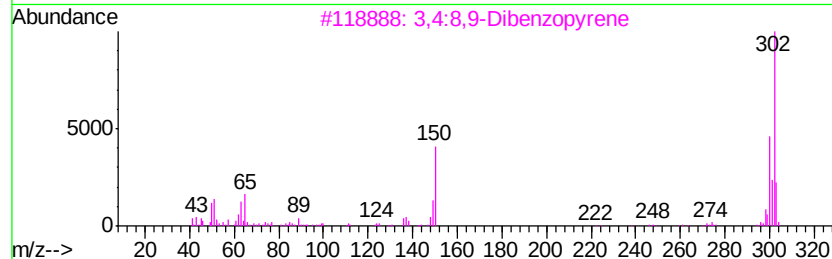
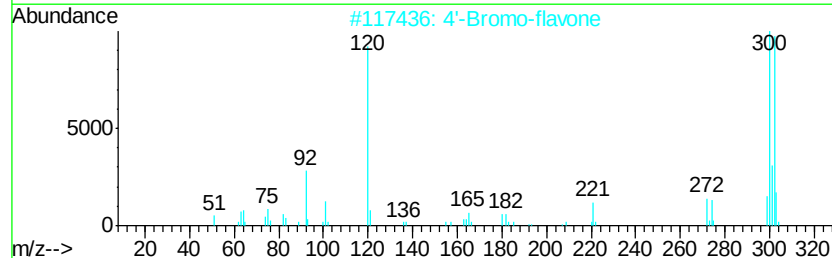
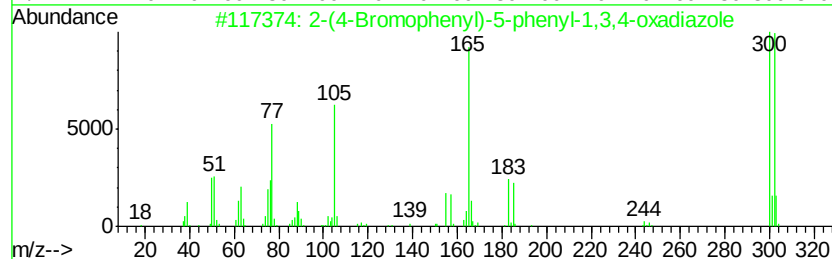
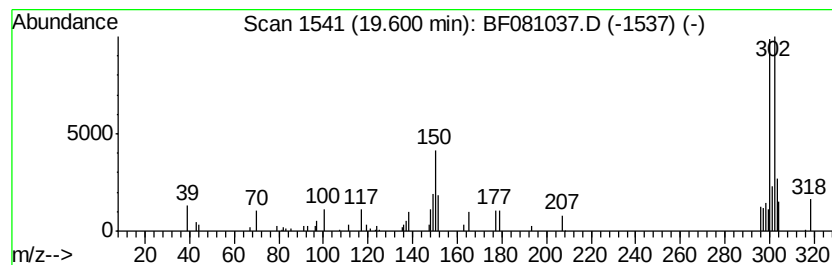
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 4'-Bromo-flavone Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	8.07 ng	124706	Perylene-d12	15.12

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-(4-Bromophenyl)-5-phenyl-1,3,4...	300	C14H9BrN2O	021510-43-0	52
2		4'-Bromo-flavone	300	C15H9BrO2	020525-20-6	50
3		3,4:8,9-Dibenzopyrene	302	C24H14	000189-64-0	49
4		1,2:3,4-Dibenzopyrene	302	C24H14	000191-30-0	43
5		Coronene	300	C24H12	000191-07-1	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081715\
 Data File : BF081037.D
 Acq On : 18 Aug 2015 8:59
 Operator : UM/IZ
 Sample : G3283-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP16

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081715.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...	4.78	88.2	ng	1941060	1	6.63	439942	20.0
unknown6.16	6.16	9.6	ng	212101	1	6.63	439942	20.0
unknown6.40	6.40	97.5	ng	2144650	1	6.63	439942	20.0
Indane	6.81	9.2	ng	202533	1	6.63	439942	20.0
5,12-Naphthacened...	14.45	9.7	ng	150574	6	15.12	309125	20.0
Hexadecanamide	14.53	25.9	ng	400654	6	15.12	309125	20.0
Perylene	15.01	34.8	ng	538007	6	15.12	309125	20.0
3,4-Dibromobenzal...	15.59	7.4	ng	114249	6	15.12	309125	20.0
unknown15.71	15.71	9.4	ng	145052	6	15.12	309125	20.0
Benzo[b]triphenylene	16.19	10.3	ng	159474	6	15.12	309125	20.0
Dibenz(a,e)aceant...	18.59	13.0	ng	200732	6	15.12	309125	20.0
3,4:8,9-Dibenzopy...	18.75	10.2	ng	157329	6	15.12	309125	20.0
4'-Bromo-flavone	19.60	8.1	ng	124706	6	15.12	309125	20.0