

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
 Data File : BF086949.D
 Acq On : 13 May 2016 00:18
 Operator : UM/SJ
 Sample : H2994-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CH-STA-1772-00(0-2)

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-BF050916.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	1.633	3	4	12	rVB	486827	748297	9.95%	0.717%
2	1.747	12	14	61	rVB	3155590	7519316	100.00%	7.207%
3	2.387	66	70	74	rVB	132591	260203	3.46%	0.249%
4	4.753	275	277	283	rVB	318084	482950	6.42%	0.463%
5	5.141	308	311	315	rVB	286922	396203	5.27%	0.380%
6	5.210	315	317	320	rBV	2264479	3015128	40.10%	2.890%
7	5.416	333	335	337	rVV	405048	431871	5.74%	0.414%
8	6.136	395	398	403	rVB3	172909	368563	4.90%	0.353%
9	6.296	409	412	414	rBV	2790841	3541195	47.09%	3.394%
10	6.399	419	421	423	rVV	3586567	3651403	48.56%	3.500%
11	6.444	423	425	429	rVV2	426514	618331	8.22%	0.593%
12	6.616	438	440	444	rVV2	819385	1127837	15.00%	1.081%
13	6.776	452	454	457	rVV	3055049	2841267	37.79%	2.723%
14	7.199	488	491	493	rVV	2520909	2792078	37.13%	2.676%
15	7.233	493	494	497	rVV	287244	270445	3.60%	0.259%
16	7.679	528	533	535	rBV4	105324	302486	4.02%	0.290%
17	7.907	551	553	557	rVV2	1588596	2519194	33.50%	2.415%
18	8.296	583	587	589	rBV4	152257	322599	4.29%	0.309%
19	8.342	589	591	597	rVV	408094	501940	6.68%	0.481%
20	8.513	604	606	609	rVV	389123	363004	4.83%	0.348%
21	8.616	613	615	618	rVV	677035	997869	13.27%	0.956%
22	8.719	622	624	626	rVV	966120	804601	10.70%	0.771%
23	8.993	645	648	650	rBV	3068794	3580093	47.61%	3.432%
24	9.073	653	655	658	rBV2	356422	454021	6.04%	0.435%
25	9.245	668	670	672	rBV	277626	365053	4.85%	0.350%
26	9.313	675	676	678	rBV	390478	594282	7.90%	0.570%
27	9.348	678	679	681	rVB	490755	393162	5.23%	0.377%
28	9.393	681	683	684	rBV	678441	708037	9.42%	0.679%
29	9.439	684	687	690	rVB2	301854	527525	7.02%	0.506%
30	9.519	691	694	696	rBV	1301084	1122295	14.93%	1.076%
31	9.599	699	701	703	rBV	402963	425102	5.65%	0.407%
32	9.656	703	706	708	rBV	1294765	1307783	17.39%	1.254%
33	9.816	717	720	722	rVV3	146841	323871	4.31%	0.310%
34	9.862	722	724	725	rVV	573655	546845	7.27%	0.524%

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Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.976	731	734	735	rVV3	218565	268518	3.57%	0.257%
36	10.056	739	741	744	rBV2	238566	468903	6.24%	0.449%
37	10.102	744	745	747	rVV	627031	473886	6.30%	0.454%
38	10.193	752	753	755	rVV	393880	378137	5.03%	0.362%
39	10.319	761	764	766	rVV3	356015	492382	6.55%	0.472%
40	10.365	766	768	770	rVV	223026	368513	4.90%	0.353%
41	10.445	772	775	777	rVV	1946002	2021432	26.88%	1.938%
42	10.582	784	787	789	rBV	962152	1542855	20.52%	1.479%
43	10.879	810	813	817	rBV4	251888	574927	7.65%	0.551%
44	11.016	824	825	827	rVV2	413104	441792	5.88%	0.423%
45	11.153	833	837	839	rBV2	1026820	1842242	24.50%	1.766%
46	11.211	839	842	844	rVV	867585	794665	10.57%	0.762%
47	11.371	854	856	860	rVV	363388	503235	6.69%	0.482%
48	11.439	860	862	869	rVB4	351801	486347	6.47%	0.466%
49	11.634	877	879	880	rBV	302201	261423	3.48%	0.251%
50	11.656	880	881	883	rVV	311858	501984	6.68%	0.481%
51	11.748	887	889	893	rVB	394034	910116	12.10%	0.872%
52	11.851	896	898	901	rVV	357201	411405	5.47%	0.394%
53	11.954	906	907	910	rVB	320564	339378	4.51%	0.325%
54	12.114	919	921	924	rVB2	132317	279303	3.71%	0.268%
55	12.182	924	927	928	rBV	462176	487642	6.49%	0.467%
56	12.239	931	932	933	rVB	426951	292888	3.90%	0.281%
57	12.274	933	935	937	rVB	360613	430729	5.73%	0.413%
58	12.342	939	941	944	rBV	2749413	3187498	42.39%	3.055%
59	12.434	948	949	951	rVB	363713	308241	4.10%	0.295%
60	12.479	951	953	955	rBV2	249064	479689	6.38%	0.460%
61	12.571	958	961	963	rBV	2949491	3403056	45.26%	3.262%
62	12.605	963	964	969	rVB3	272099	488079	6.49%	0.468%
63	12.719	969	974	977	rVB2	2270256	2630680	34.99%	2.522%
64	12.788	977	980	982	rBV2	434106	692028	9.20%	0.663%
65	12.891	985	989	991	rVB3	462065	1172111	15.59%	1.123%
66	12.959	991	995	997	rBV3	450160	677201	9.01%	0.649%
67	12.994	997	998	1002	rVB	513077	753102	10.02%	0.722%
68	13.085	1005	1006	1008	rVB	256127	308900	4.11%	0.296%
69	13.119	1008	1009	1013	rBV2	333218	375358	4.99%	0.360%
70	13.302	1023	1025	1030	rVB3	278441	421217	5.60%	0.404%
71	13.405	1032	1034	1038	rVB	784689	817842	10.88%	0.784%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	13.508	1041	1043	1045	rBV	556097	899902	11.97%	0.863%
73	13.622	1051	1053	1057	rVB3	560292	995637	13.24%	0.954%
74	13.759	1062	1065	1067	rBV2	2270284	4178661	55.57%	4.005%
75	13.794	1067	1068	1072	rVB	2238046	2047083	27.22%	1.962%
76	13.862	1072	1074	1076	rBV2	132770	307277	4.09%	0.295%
77	13.908	1076	1078	1080	rBV2	162049	334717	4.45%	0.321%
78	14.148	1097	1099	1101	rVV	566986	832759	11.07%	0.798%
79	14.182	1101	1102	1105	rVV2	381889	616860	8.20%	0.591%
80	14.251	1105	1108	1109	rVV3	268863	501419	6.67%	0.481%
81	14.274	1109	1110	1113	rVB2	444331	532795	7.09%	0.511%
82	14.457	1124	1126	1131	rBV5	239526	564174	7.50%	0.541%
83	14.548	1131	1134	1137	rBV4	184843	580995	7.73%	0.557%
84	14.617	1138	1140	1144	rVB2	280520	548054	7.29%	0.525%
85	14.777	1150	1154	1157	rBV	2437871	5040630	67.04%	4.832%
86	14.834	1157	1159	1160	rVV	259016	350317	4.66%	0.336%
87	14.857	1160	1161	1163	rVV	771066	730890	9.72%	0.701%
88	14.948	1166	1169	1171	rBV3	159459	383668	5.10%	0.368%
89	15.028	1173	1176	1179	rVV	1457872	1884399	25.06%	1.806%
90	15.085	1179	1181	1183	rVB	1665816	1880634	25.01%	1.803%
91	15.131	1183	1185	1186	rBV	531977	661330	8.80%	0.634%
92	15.154	1186	1187	1192	rVB2	452490	836484	11.12%	0.802%
93	16.068	1265	1267	1269	rBV	157331	287673	3.83%	0.276%
94	16.217	1278	1280	1284	rBV3	103273	348106	4.63%	0.334%
95	16.388	1291	1295	1303	rVB	824382	1851301	24.62%	1.775%
96	16.537	1305	1308	1309	rBV	152524	314139	4.18%	0.301%
97	16.765	1324	1328	1334	rVB	553242	1011153	13.45%	0.969%
98	16.960	1343	1345	1352	rVB3	126620	431989	5.75%	0.414%
99	18.663	1489	1494	1501	rVB	184400	607310	8.08%	0.582%
100	18.823	1504	1508	1511	rBV	85996	255016	3.39%	0.244%

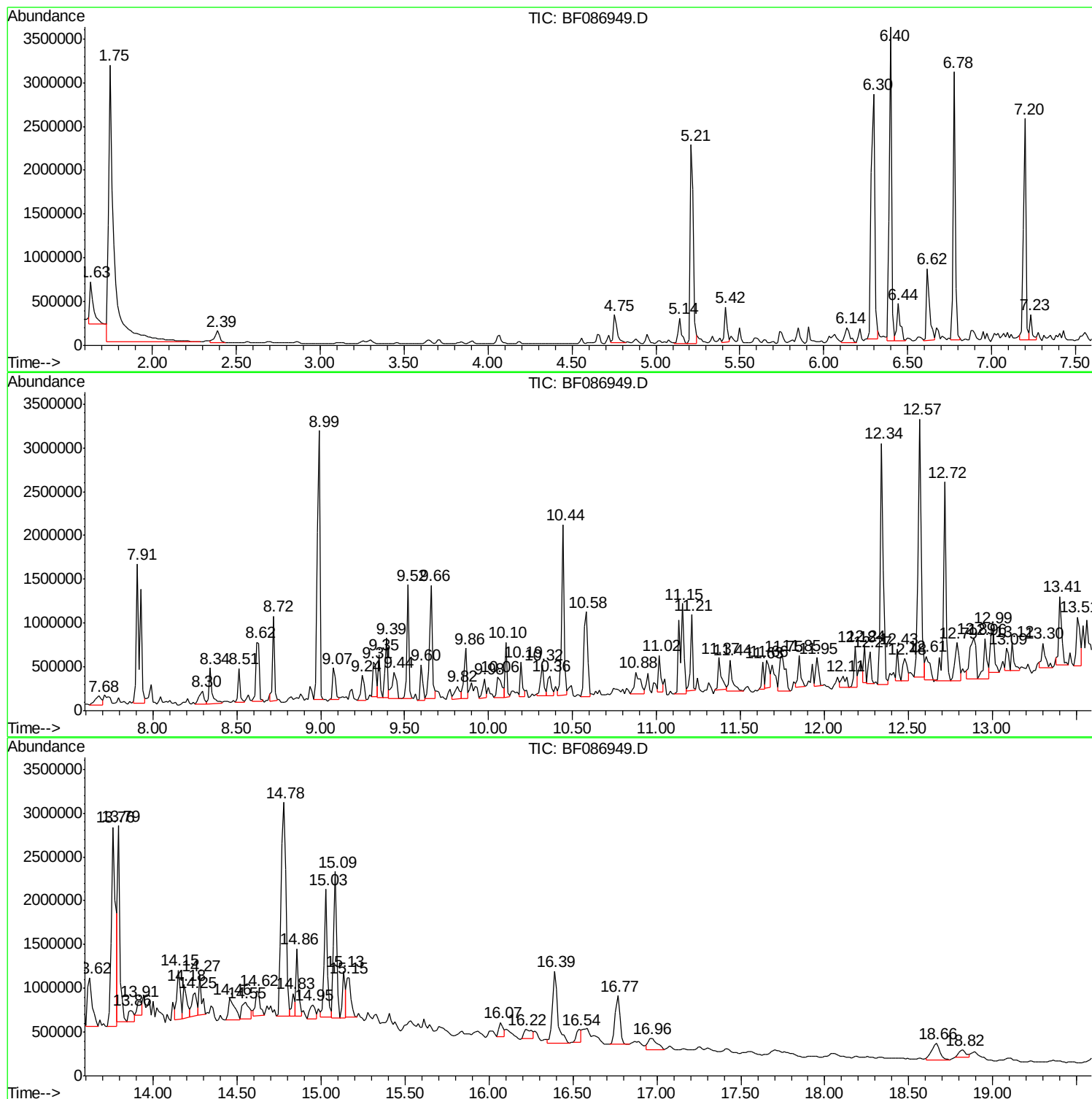
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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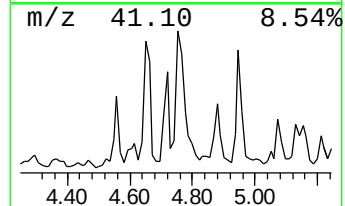
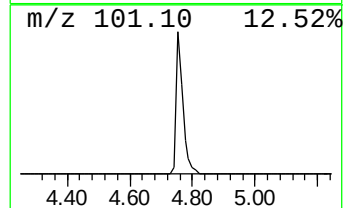
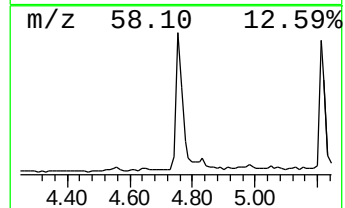
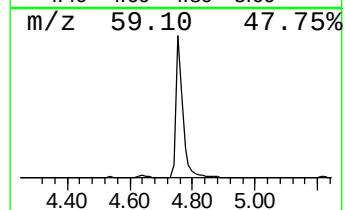
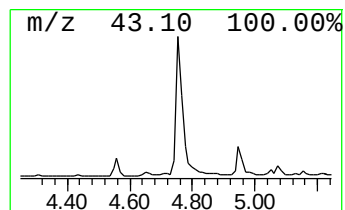
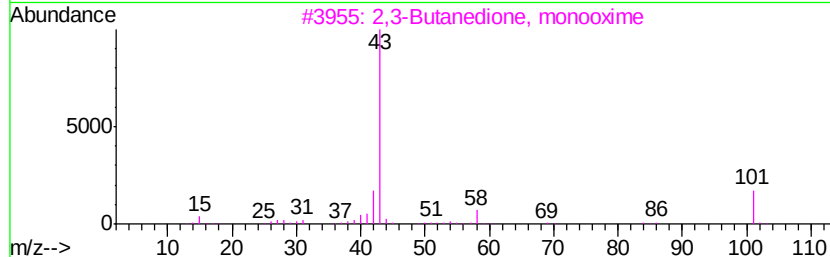
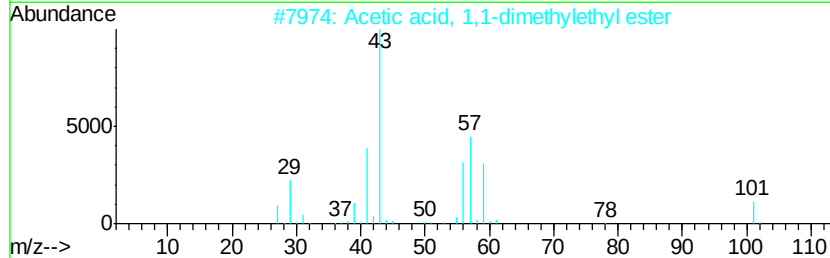
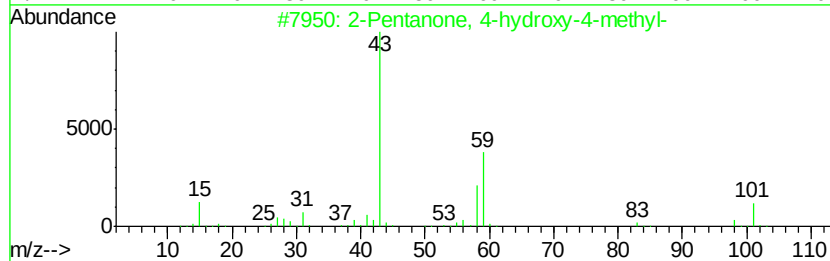
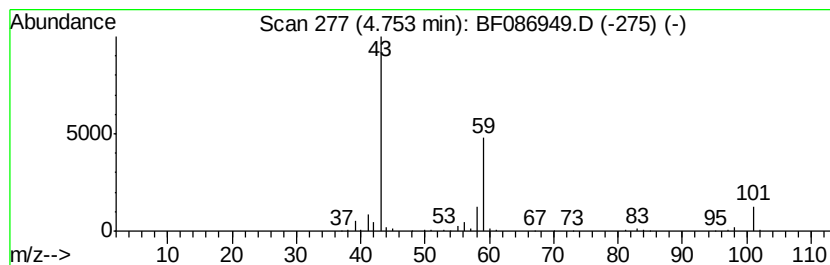
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	8.56 ng	482950	1,4-Dichlorobenzene-d4	6.62

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2			Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	28
3			2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
4			2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9
5			1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



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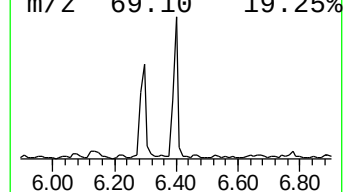
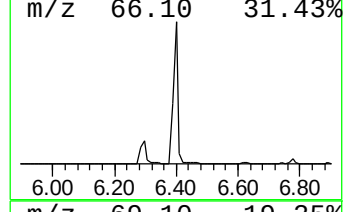
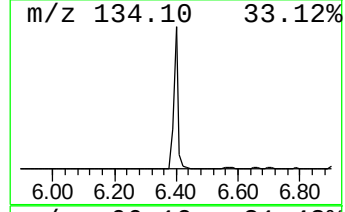
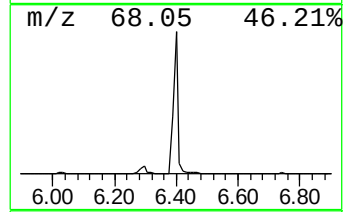
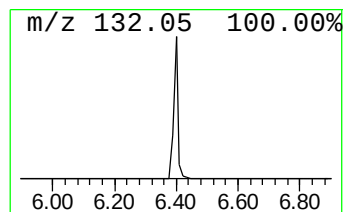
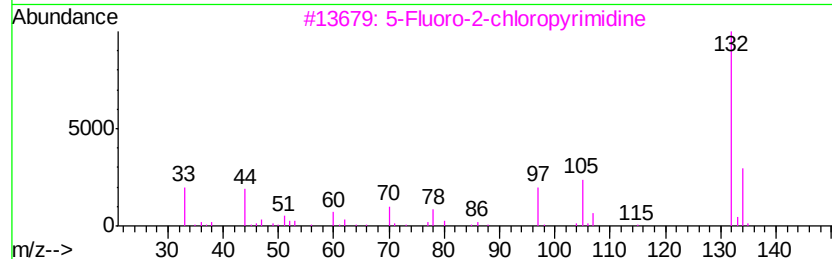
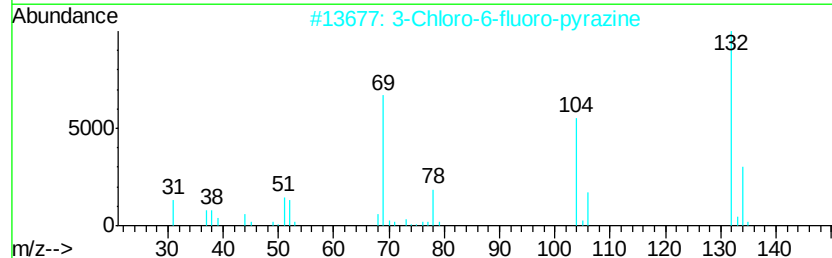
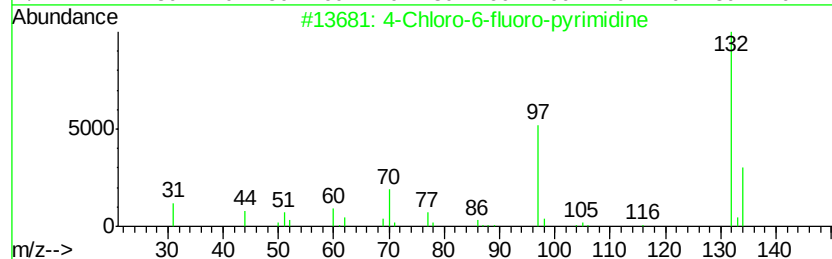
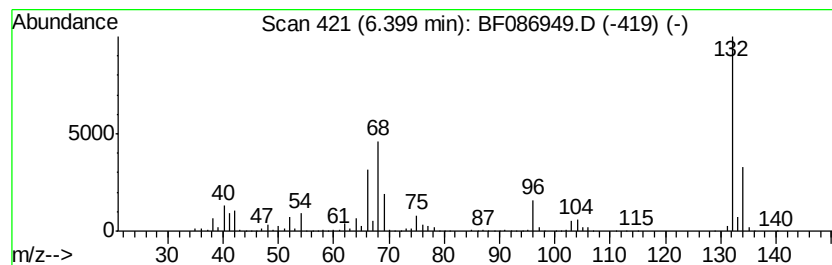
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown6.40 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	64.75 ng	3651400	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2		3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5		Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9



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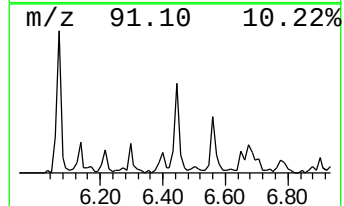
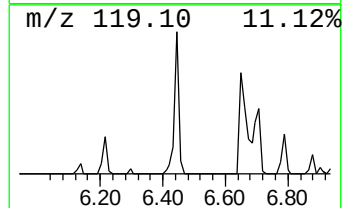
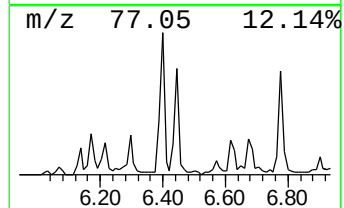
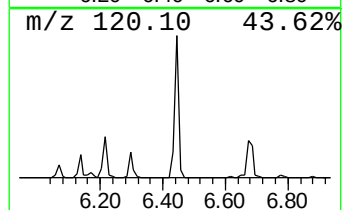
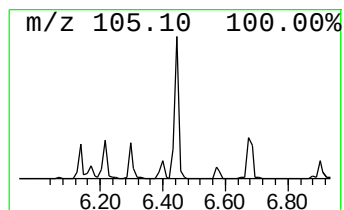
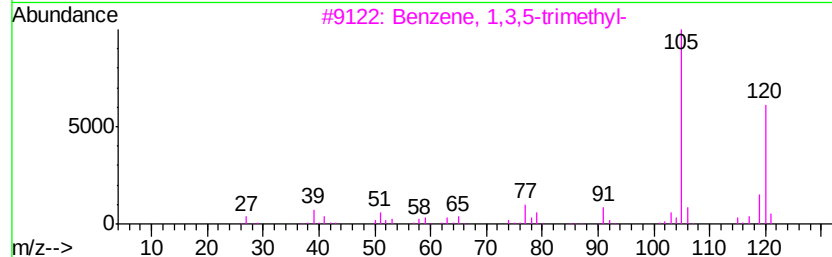
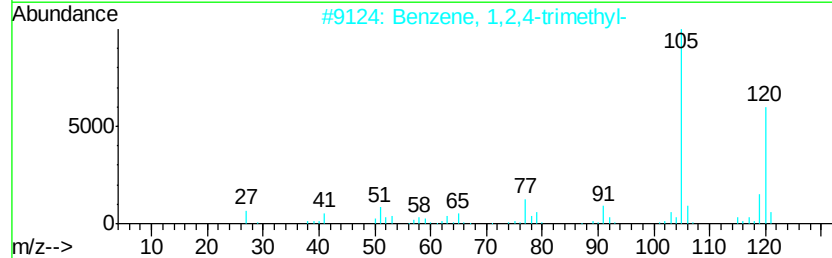
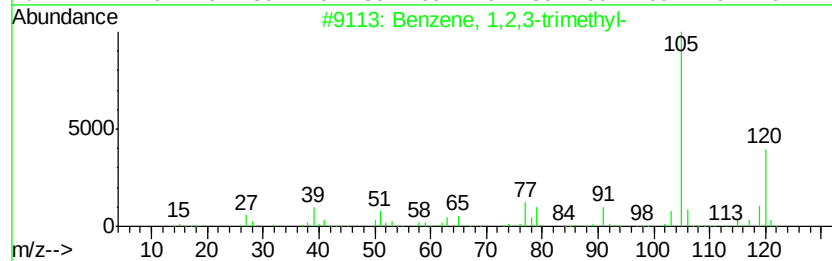
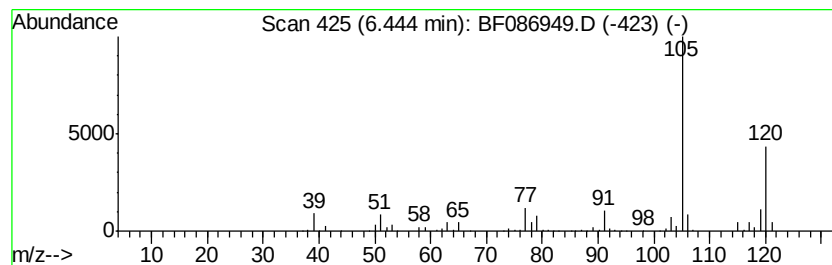
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1,2,3-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.44	10.96 ng	618331	1,4-Dichlorobenzene-d4	6.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3		Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5		Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

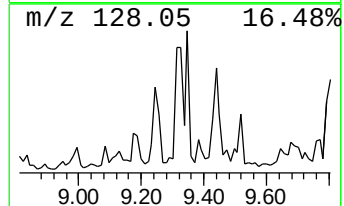
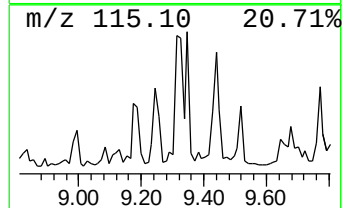
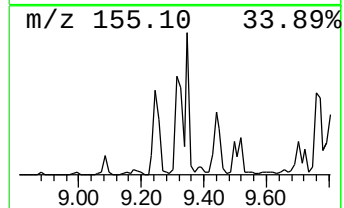
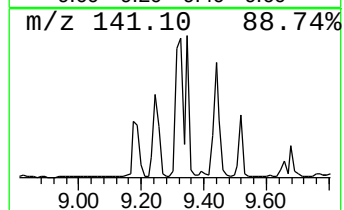
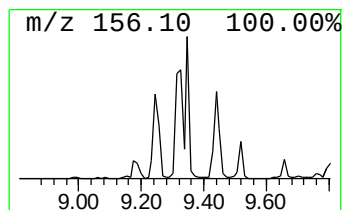
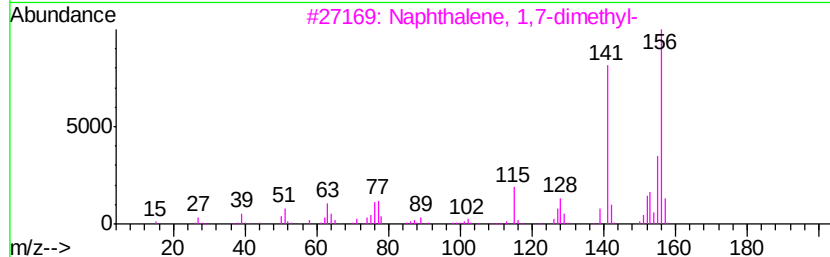
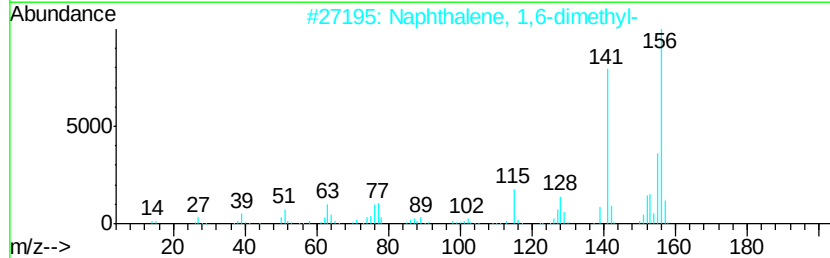
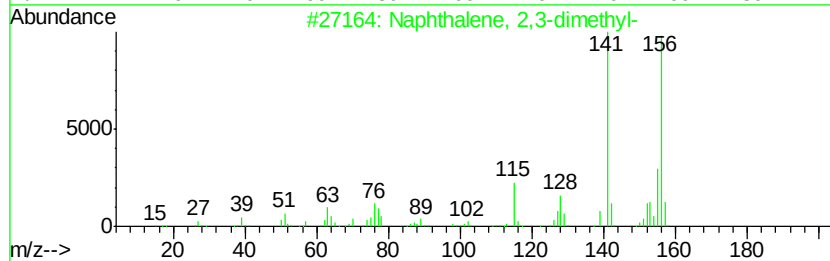
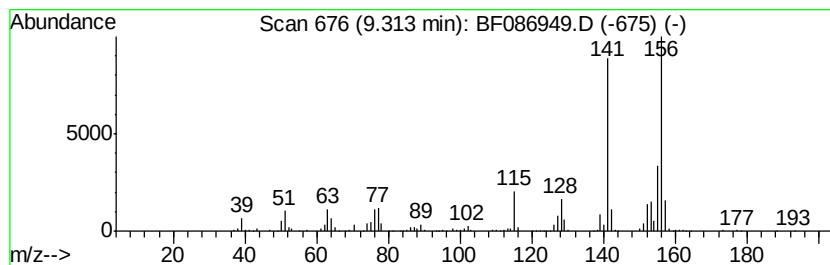
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ClientSampleId :
CH-STA-1772-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.		
9.31	9.09 ng	594282	Acenaphthene-d10		9.66		
Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

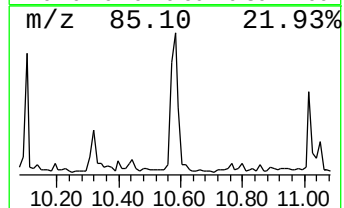
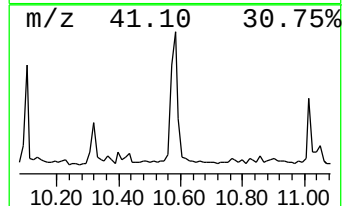
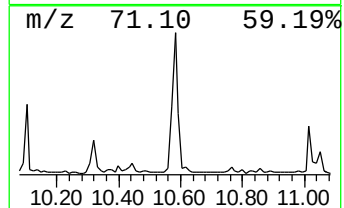
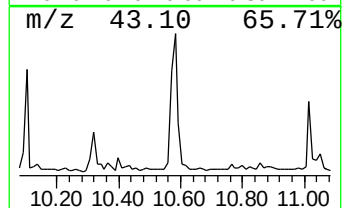
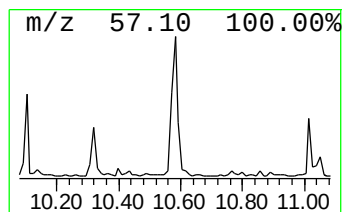
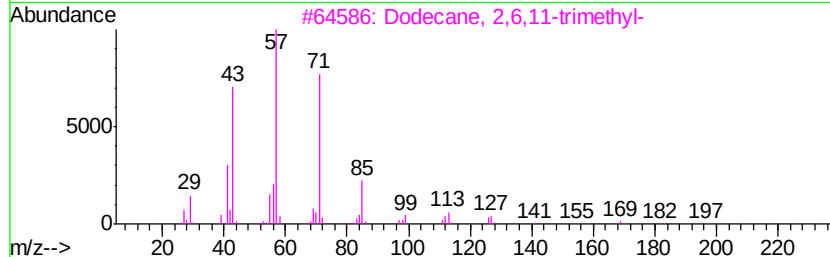
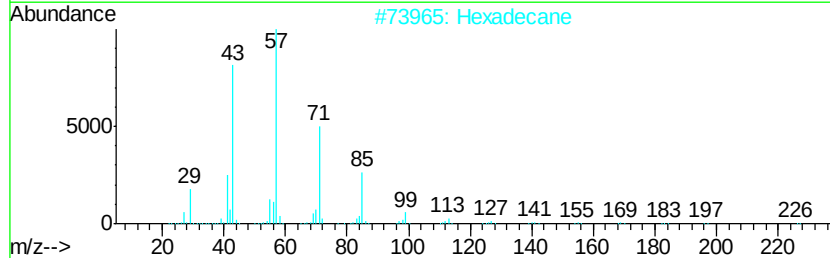
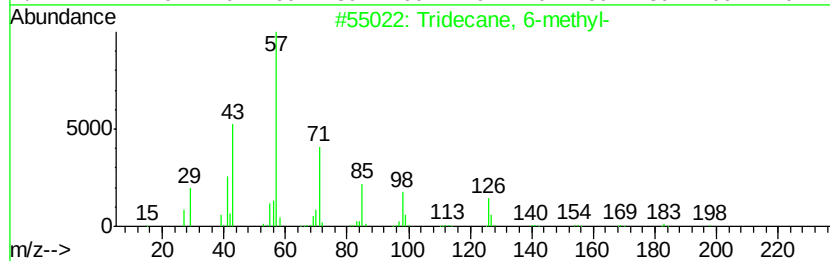
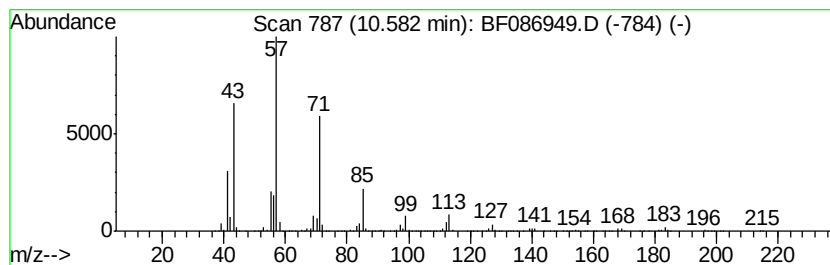
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 6-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	16.75 ng	1542860	Phenanthrene-d10	11.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	83
5		Tridecane, 5-propyl-	226	C16H34	055045-11-9	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

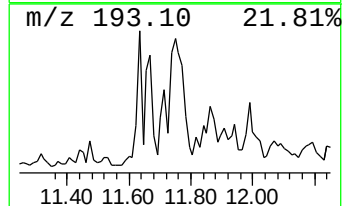
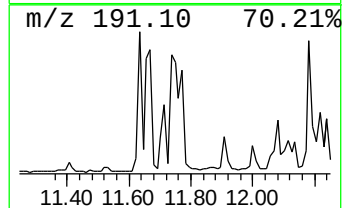
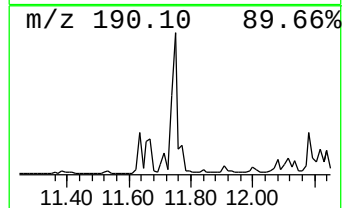
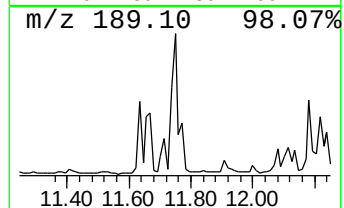
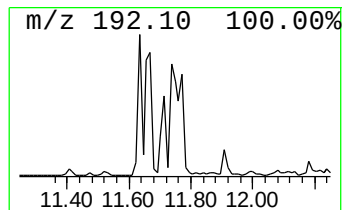
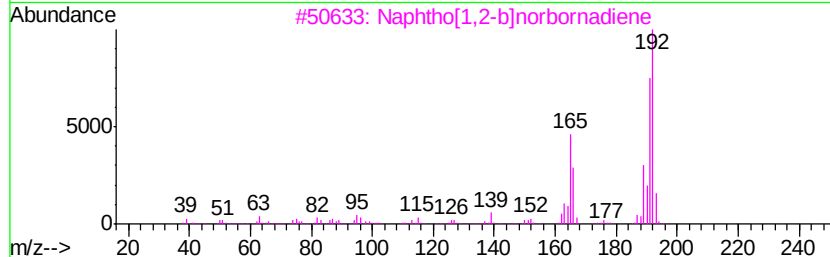
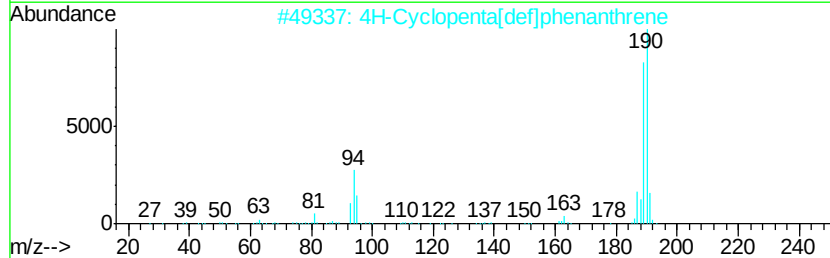
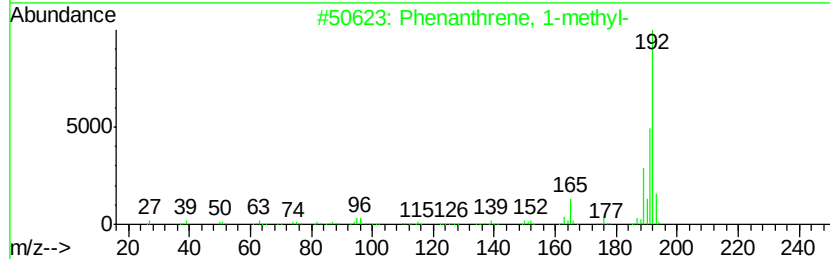
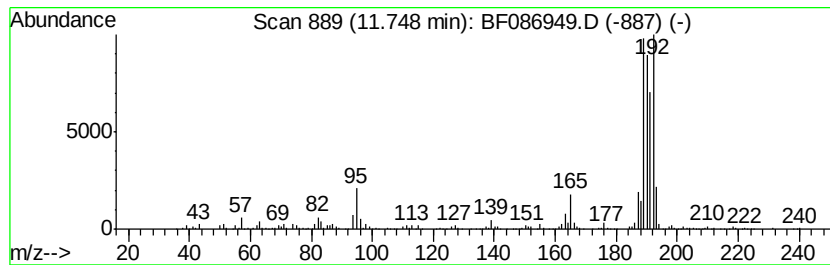
Instrument :
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ClientSampleId :
CH-STA-1772-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	9.88 ng	910116	Phenanthrene-d10	11.13	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
3	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	50
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
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Instrument :
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ClientSampleId :
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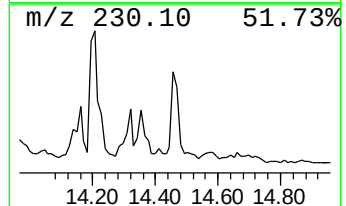
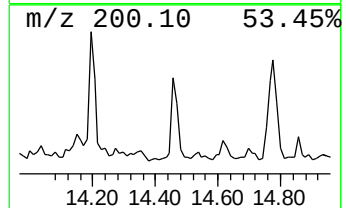
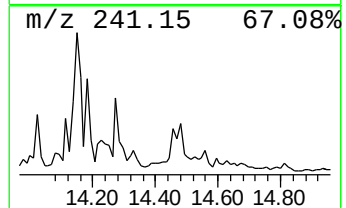
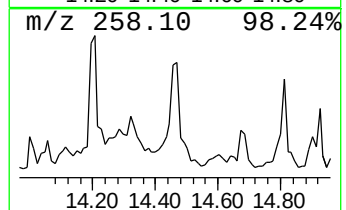
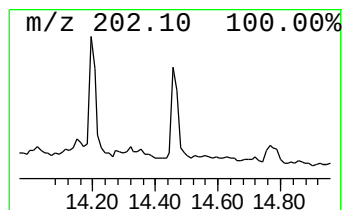
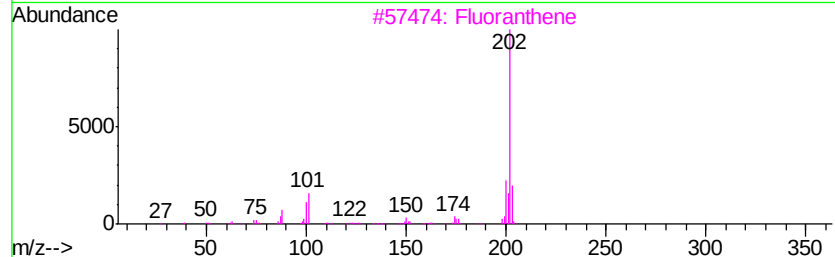
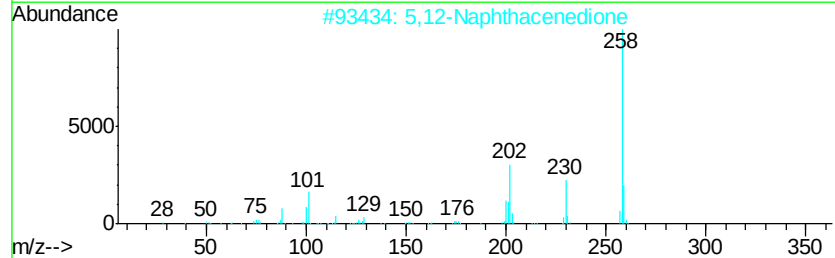
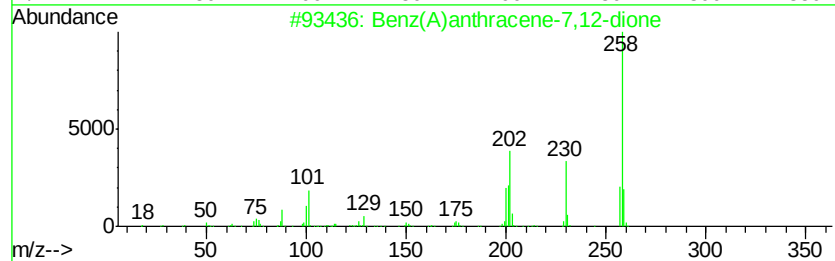
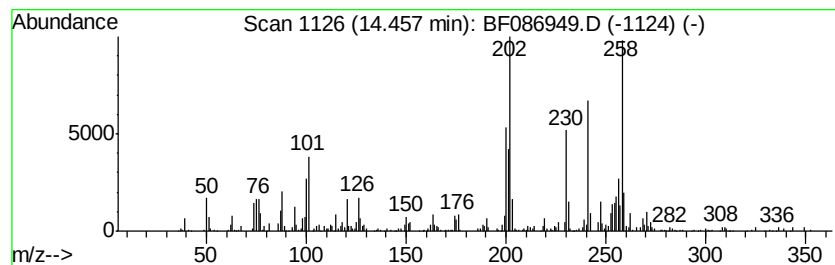
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Benz(A)anthracene-7,12-dione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	17.06 ng	564174	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benz(A)anthracene-7,12-dione	258	C18H10O2	002498-66-0	94
2		5,12-Naphthacenedione	258	C18H10O2	001090-13-7	93
3		Fluoranthene	202	C16H10	000206-44-0	91
4		Piperazine, 1-methyl-4-(1,2,3,4-...	258	C17H26N2	055591-14-5	90
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	89



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
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Instrument :
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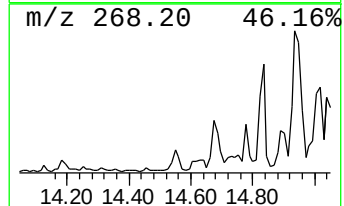
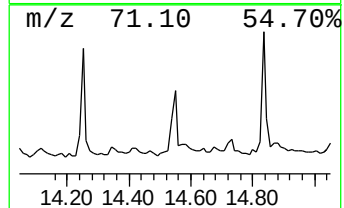
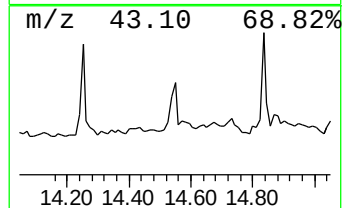
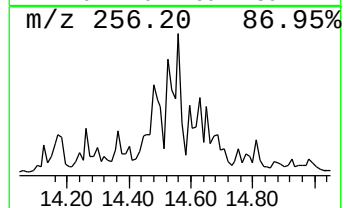
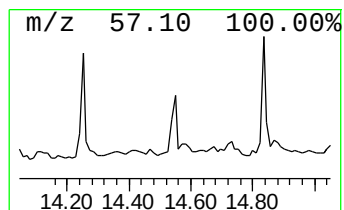
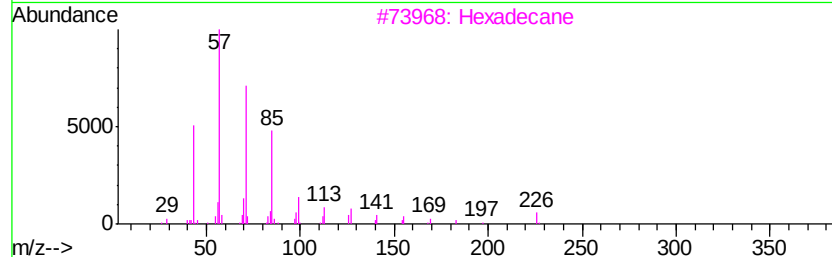
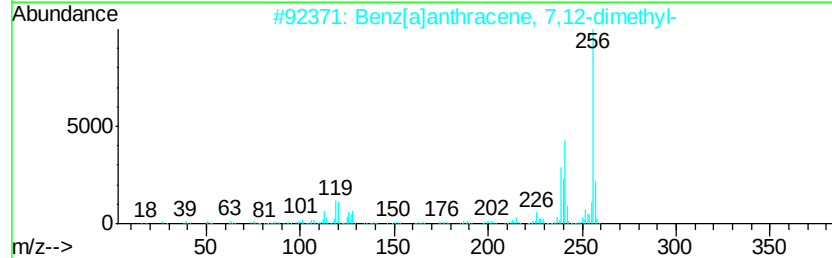
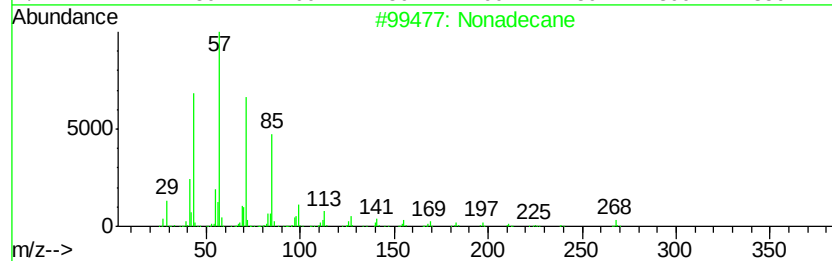
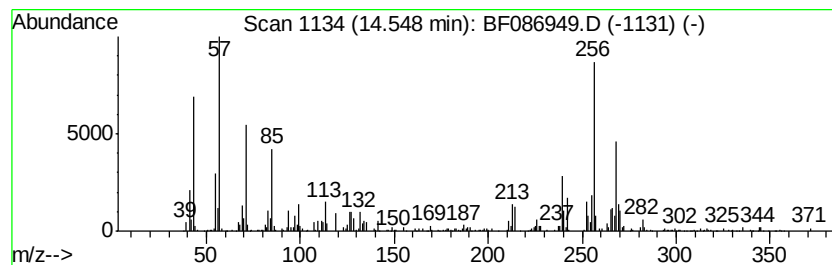
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Nonadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.55	17.57 ng	580995	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	52
2		Benz[a]anthracene, 7,12-dimethyl-	256	C20H16	000057-97-6	51
3		Hexadecane	226	C16H34	000544-76-3	44
4		Eicosane	282	C20H42	000112-95-8	43
5		Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	42



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
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ClientSampleId :
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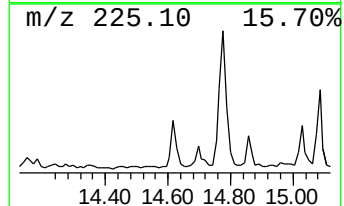
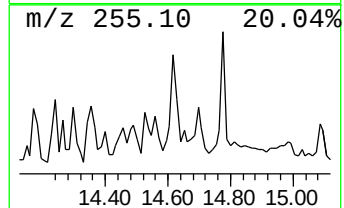
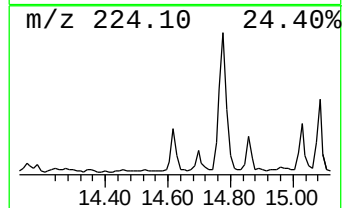
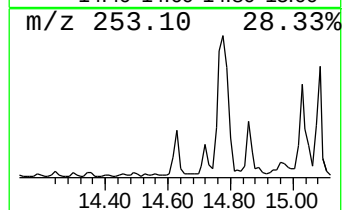
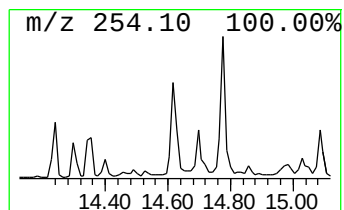
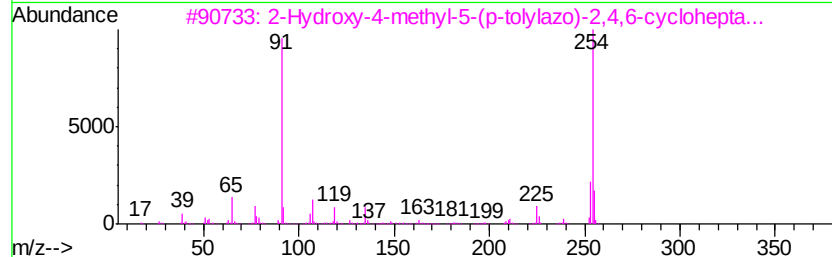
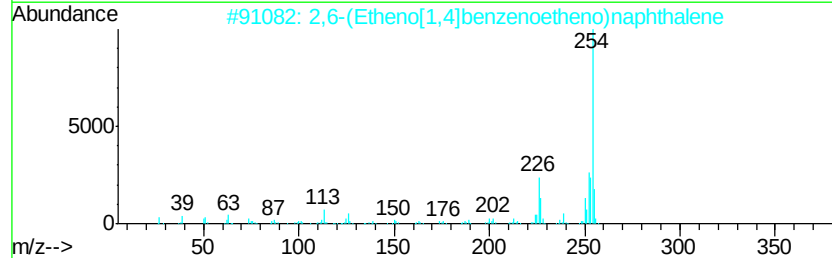
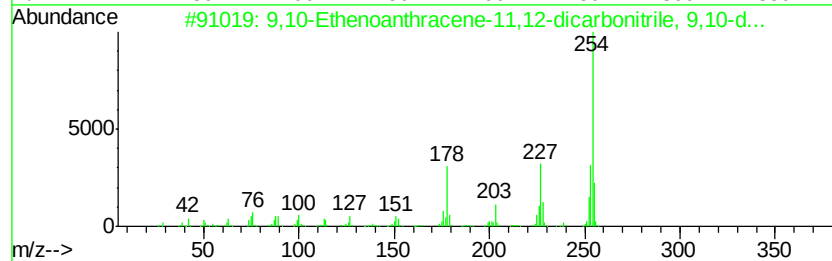
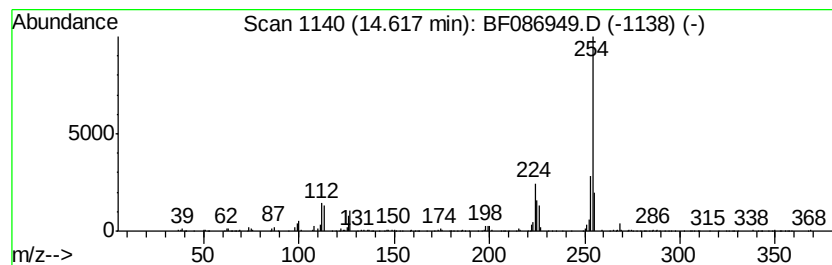
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 9,10-Ethenoanthracene-11,12... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	16.57 ng	548054	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,10-Ethenoanthracene-11,12-dica...	254	C18H10N2	019067-49-3	72
2		2,6-(Etheno[1,4]benzenoetheno)na...	254	C20H14	117054-70-3	59
3		2-Hydroxy-4-methyl-5-(p-tolylazo...	254	C15H14N2O2	066777-90-0	59
4		3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	58
5		3-(2-Furan-2-yl-2-oxo-ethylidene...	254	C14H10N2O3	1000297-32-1	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
CH-STA-1772-00(0-2)

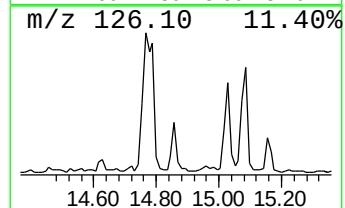
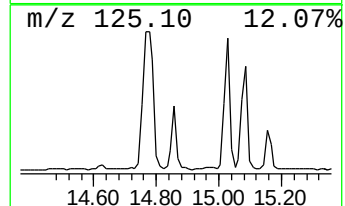
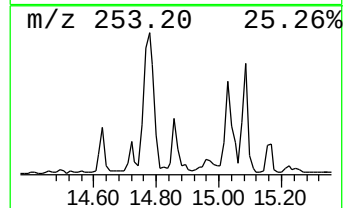
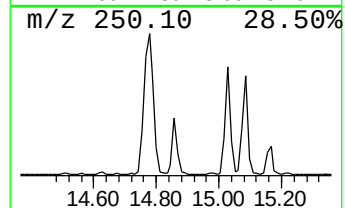
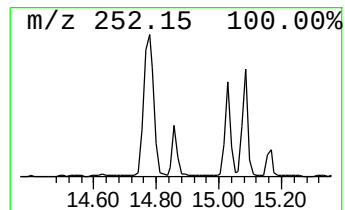
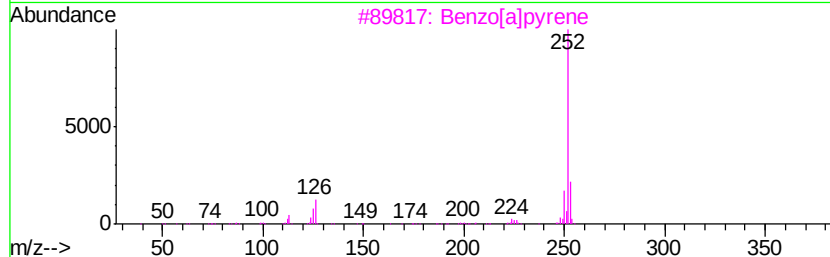
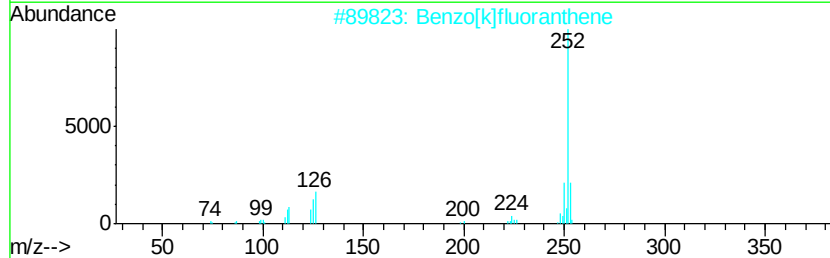
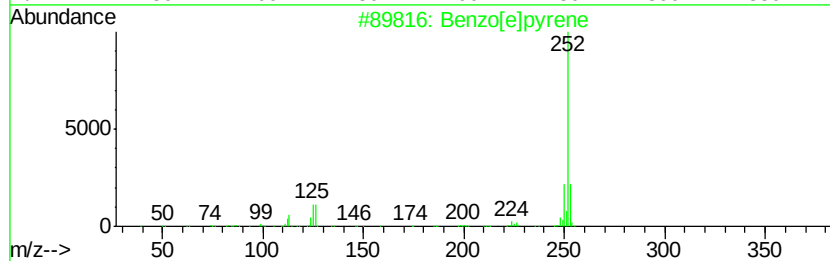
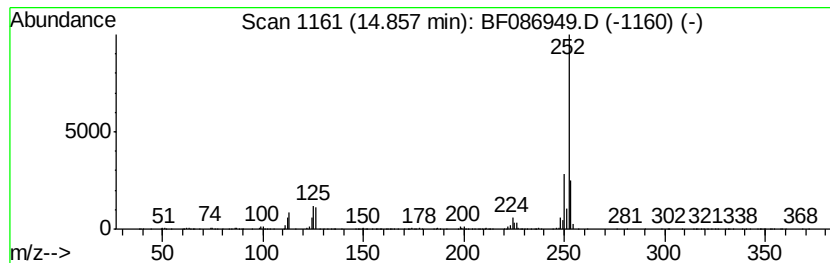
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.86	22.10 ng	730890	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3		Benzo[a]pyrene	252	C20H12	000050-32-8	94
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\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

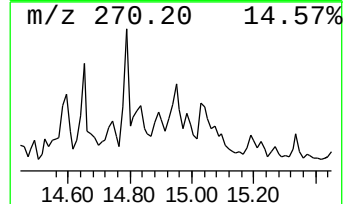
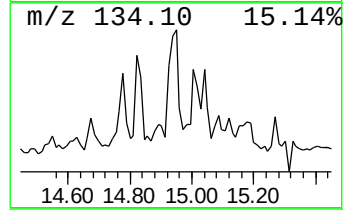
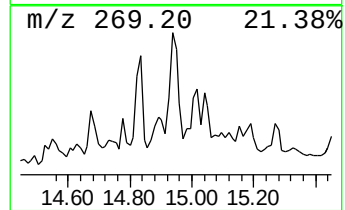
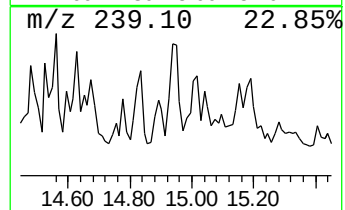
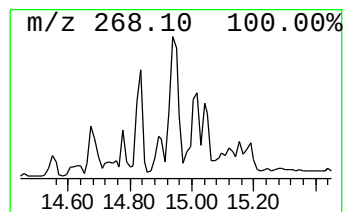
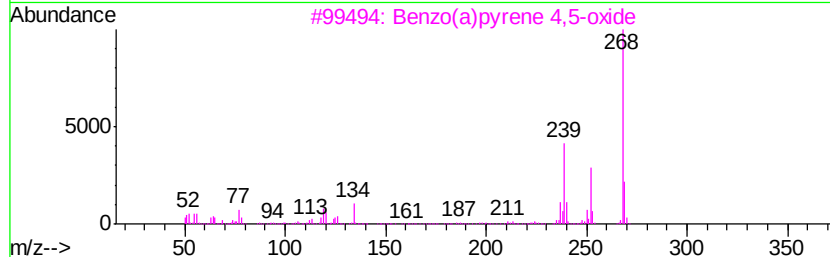
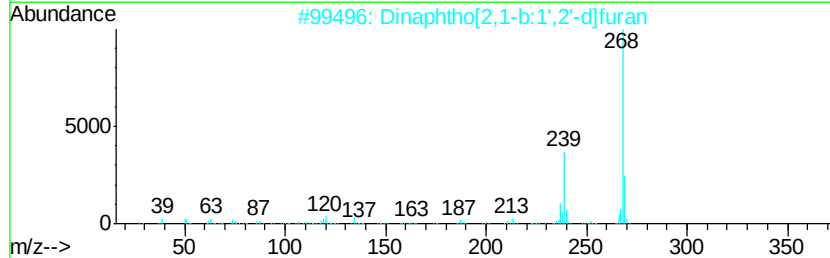
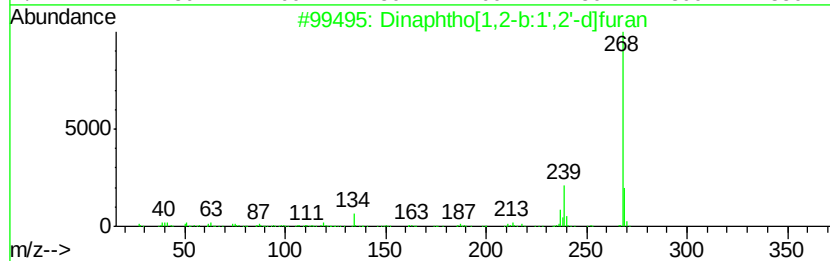
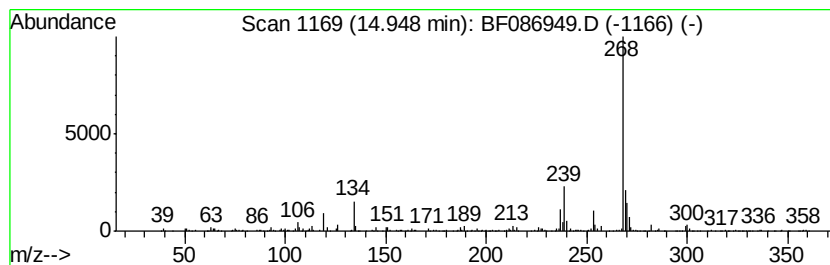
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.95	11.60 ng	383668	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	91
2		Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	83
3		Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	80
4		10-Hydroxy-5-methoxy-2-methyl-1,...	268	C16H12O4	084542-45-0	59
5		9,10-Anthracenedione, 1,5-dimeth...	268	C16H12O4	006448-90-4	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CH-STA-1772-00(0-2)

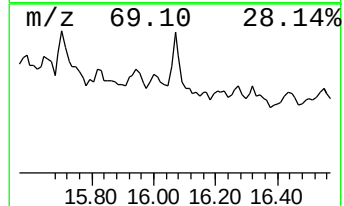
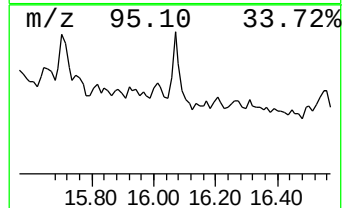
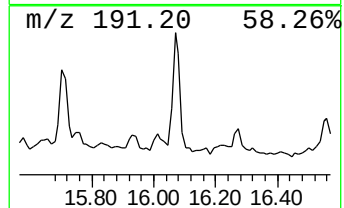
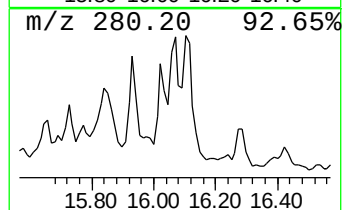
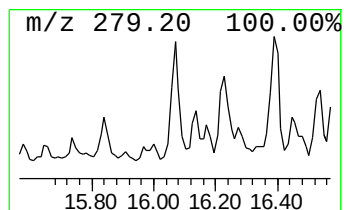
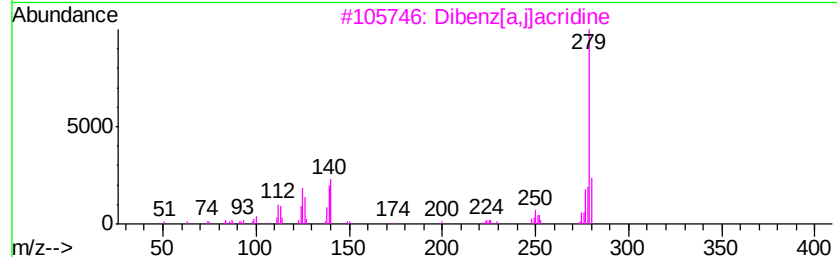
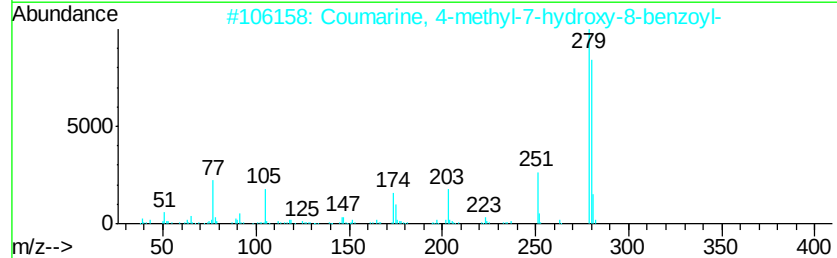
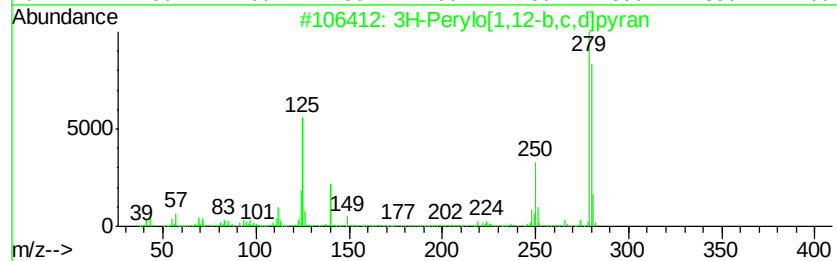
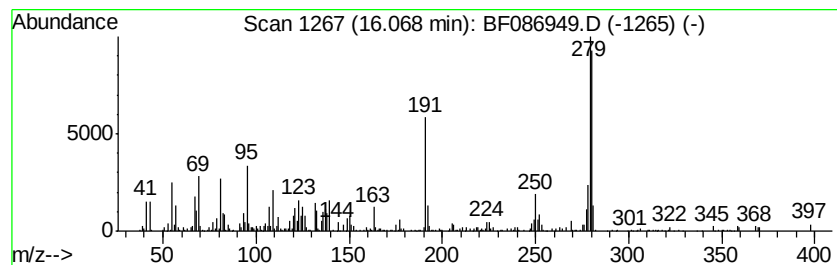
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown16.07 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.07	8.70 ng	287673	Perylene-d12	15.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3H-Perylo[1,12-b,c,d]pyran	280	C21H12O	1000281-21-7	49
2		Coumarine, 4-methyl-7-hydroxy-8-benzoyl-	280	C17H12O4	020312-83-8	46
3		Dibenz[a,j]acridine	279	C21H13N	000224-42-0	42
4		Fluorene, 9-cinnamylidene-, (E)-	280	C22H16	032174-26-8	38
5		Anthracene, 9-[2,2-bis(hydroxyme...	280	C19H20O2	144000-85-1	35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
Data File : BF086949.D
Acq On : 13 May 2016 00:18
Operator : UM/SJ
Sample : H2994-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

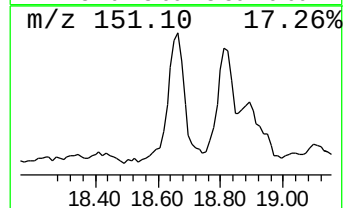
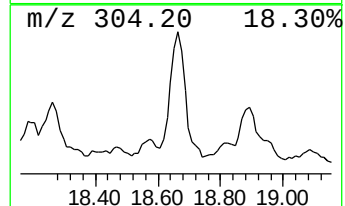
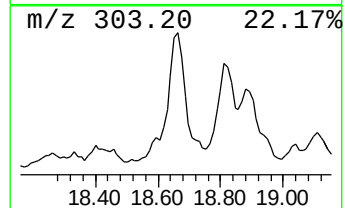
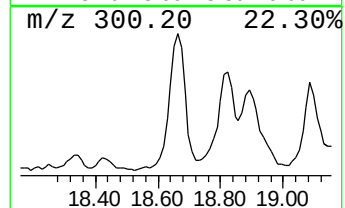
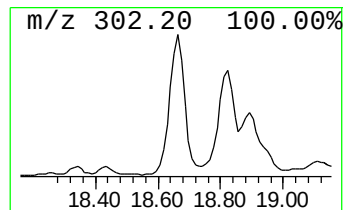
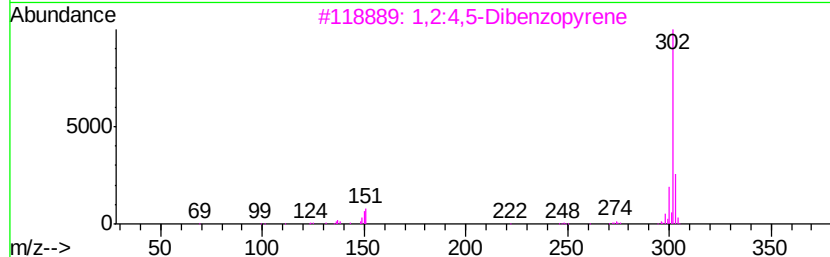
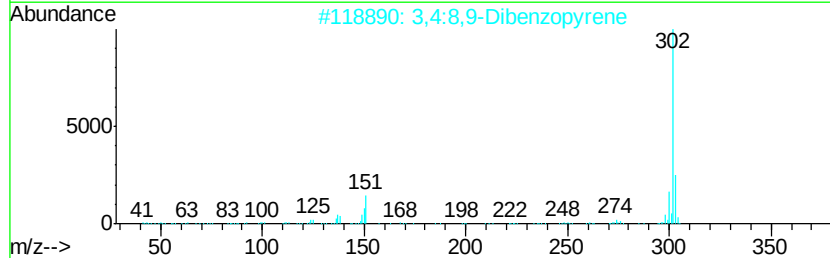
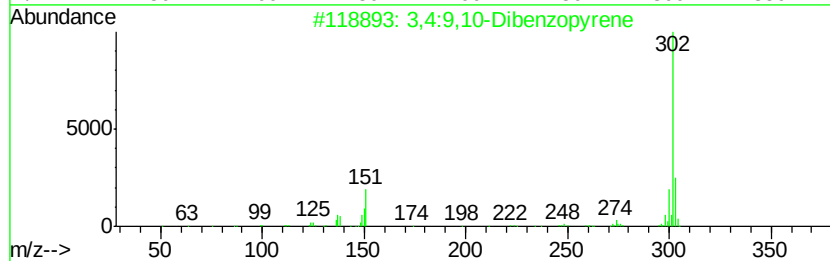
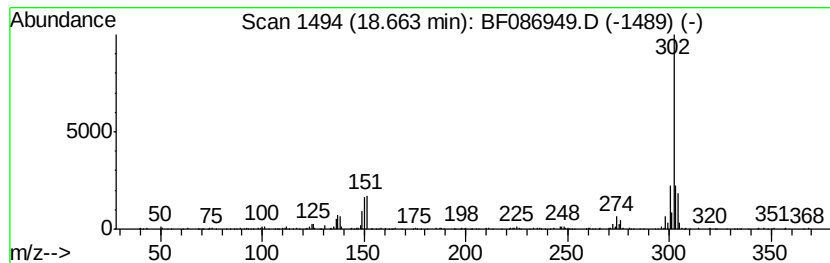
Instrument :
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ClientSampleId :
CH-STA-1772-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 3,4:9,10-Dibenzopyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.66	18.37 ng	607310	Perylene-d12	15.13
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	3,4:9,10-Dibenzopyrene	302 C24H14	000189-55-9	98
2	3,4:8,9-Dibenzopyrene	302 C24H14	000189-64-0	95
3	1,2:4,5-Dibenzopyrene	302 C24H14	000192-65-4	93
4	Dibenz(a,e)aceanthrylene	302 C24H14	005385-75-1	93
5	Pregnan-20-one, (5.alpha.)-	302 C21H34O	000848-62-4	60



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051216\
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 Sample : H2994-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 CH-STA-1772-00(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050916.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...	4.75	8.6	ng	482950	1	6.62	1127840	20.0
unknown6.40	6.40	64.8	ng	3651400	1	6.62	1127840	20.0
Benzene, 1,2,3-tr...	6.44	11.0	ng	618331	1	6.62	1127840	20.0
Naphthalene, 2,3-...	9.31	9.1	ng	594282	3	9.66	1307780	20.0
Tridecane, 6-methyl-	10.58	16.8	ng	1542860	4	11.13	1842240	20.0
Phenanthrene, 1-m...	11.75	9.9	ng	910116	4	11.13	1842240	20.0
Benz(A)anthracene...	14.46	17.1	ng	564174	6	15.13	661330	20.0
Nonadecane	14.55	17.6	ng	580995	6	15.13	661330	20.0
9,10-Ethenoanthra...	14.62	16.6	ng	548054	6	15.13	661330	20.0
Benzo[e]pyrene	14.86	22.1	ng	730890	6	15.13	661330	20.0
Dinaphtho[1,2-b:1...	14.95	11.6	ng	383668	6	15.13	661330	20.0
unknown16.07	16.07	8.7	ng	287673	6	15.13	661330	20.0
3,4:9,10-Dibenzop...	18.66	18.4	ng	607310	6	15.13	661330	20.0