

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085427.D
 Acq On : 14 Mar 2016 14:25
 Operator : UM/SJ
 Sample : H1754-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-09(0.5-3.0)

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-BF030316.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.493	190	193	196	rBV	94435	119304	2.02%	0.169%
2	5.144	247	250	257	rVB	276914	490466	8.30%	0.695%
3	5.533	281	284	287	rBV	3449197	5586989	94.54%	7.920%
4	6.561	371	374	376	rVB	4058480	5104319	86.38%	7.236%
5	6.699	383	386	388	rBV	4536096	5614459	95.01%	7.959%
6	6.927	403	406	408	rVB	986040	1164704	19.71%	1.651%
7	7.087	417	420	422	rVB	3416451	4519943	76.49%	6.408%
8	7.487	452	455	457	rBV	2733180	3694968	62.53%	5.238%
9	7.567	460	462	464	rBV	61772	63150	1.07%	0.090%
10	7.933	489	494	498	rBV	58189	88996	1.51%	0.126%
11	8.207	516	518	520	rBV	1795196	1620847	27.43%	2.298%
12	9.293	610	613	615	rBV	4946527	5909386	100.00%	8.377%
13	9.362	616	619	620	rBV	281681	232672	3.94%	0.330%
14	9.556	633	636	638	rBV2	226203	213442	3.61%	0.303%
15	9.602	638	640	641	rVV	1213654	1067032	18.06%	1.513%
16	9.625	641	642	645	rVV	128800	124122	2.10%	0.176%
17	9.682	645	647	648	rVV	540140	601812	10.18%	0.853%
18	9.716	648	650	654	rVV3	60103	117333	1.99%	0.166%
19	9.819	657	659	661	rBV2	76599	82922	1.40%	0.118%
20	9.865	661	663	664	rVV	170005	176420	2.99%	0.250%
21	9.899	664	666	670	rVV3	230427	409109	6.92%	0.580%
22	9.967	670	672	673	rVV	1763951	1652256	27.96%	2.342%
23	9.990	673	674	676	rVB	150686	183622	3.11%	0.260%
24	10.036	676	678	679	rBV	53309	68283	1.16%	0.097%
25	10.093	679	683	687	rVV5	110735	234605	3.97%	0.333%
26	10.185	687	691	695	rVV4	113090	314372	5.32%	0.446%
27	10.390	708	709	713	rVB	161361	168391	2.85%	0.239%
28	10.505	718	719	722	rVB	136796	156850	2.65%	0.222%
29	10.573	722	725	726	rBV2	39016	63425	1.07%	0.090%
30	10.608	726	728	729	rBV2	67214	119221	2.02%	0.169%
31	10.642	729	731	732	rVB	141777	156222	2.64%	0.221%
32	10.756	738	741	743	rBV	3148598	3330528	56.36%	4.722%
33	10.825	743	747	749	rVV3	68159	132792	2.25%	0.188%
34	10.870	749	751	755	rVB2	179767	281926	4.77%	0.400%

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35	11.053	765	767	769	rBV3	130412	155540	2.63%	0.221%
36	11.110	771	772	774	rVV2	65204	65711	1.11%	0.093%
37	11.190	776	779	783	rVV3	42895	106361	1.80%	0.151%
38	11.316	786	790	791	rBV2	105333	150159	2.54%	0.213%
39	11.339	791	792	795	rVB	79169	102114	1.73%	0.145%
40	11.396	795	797	799	rBV	46910	62231	1.05%	0.088%
41	11.453	799	802	803	rBV	1426394	1795531	30.38%	2.545%
42	11.522	805	808	810	rVV	425510	398596	6.75%	0.565%
43	11.556	810	811	814	rVB2	62554	62492	1.06%	0.089%
44	11.613	814	816	818	rVB2	52199	68796	1.16%	0.098%
45	11.671	818	821	826	rBV2	97838	192717	3.26%	0.273%
46	11.979	843	848	850	rBV	740521	1015579	17.19%	1.440%
47	12.025	850	852	853	rVV2	113056	122071	2.07%	0.173%
48	12.059	853	855	859	rVB2	299940	445432	7.54%	0.631%
49	12.151	859	863	865	rBV2	62350	107648	1.82%	0.153%
50	12.242	869	871	872	rBV	118010	107818	1.82%	0.153%
51	12.391	880	884	886	rBV2	63258	101116	1.71%	0.143%
52	12.425	886	887	890	rVB	54542	73576	1.25%	0.104%
53	12.493	891	893	895	rBV	96738	139835	2.37%	0.198%
54	12.539	895	897	899	rVV2	92044	134431	2.27%	0.191%
55	12.585	899	901	904	rVB	91353	103336	1.75%	0.146%
56	12.665	905	908	910	rBV	1852099	1838019	31.10%	2.606%
57	12.699	910	911	914	rVV2	52516	97055	1.64%	0.138%
58	12.756	914	916	920	rVV3	364702	441105	7.46%	0.625%
59	12.893	924	928	930	rVV2	1465244	1777907	30.09%	2.520%
60	12.939	930	932	936	rVB2	80482	105648	1.79%	0.150%
61	13.042	938	941	943	rVB	3608328	4367161	73.90%	6.191%
62	13.111	943	947	951	rBV3	103804	199812	3.38%	0.283%
63	13.214	952	956	958	rBV2	202695	305374	5.17%	0.433%
64	13.282	960	962	963	rBV	191347	146058	2.47%	0.207%
65	13.316	963	965	967	rVV	121673	147392	2.49%	0.209%
66	13.351	967	968	969	rVB	122708	84116	1.42%	0.119%
67	13.465	975	978	980	rBV2	1325241	1302019	22.03%	1.846%
68	13.499	980	981	985	rVB4	126242	165718	2.80%	0.235%
69	13.602	988	990	992	rBV2	74370	129736	2.20%	0.184%
70	13.716	997	1000	1005	rBV2	97394	223917	3.79%	0.317%
71	13.831	1007	1010	1012	rBV2	116811	229227	3.88%	0.325%

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72	13.865	1012	1013	1014	rVV	111035	93018	1.57%	0.132%
73	13.888	1014	1015	1017	rVV2	94369	154585	2.62%	0.219%
74	13.922	1017	1018	1023	rVB2	242120	325027	5.50%	0.461%
75	14.082	1028	1032	1037	rBV3	1192143	2595635	43.92%	3.680%
76	14.196	1039	1042	1043	rBV3	99055	144578	2.45%	0.205%
77	14.231	1043	1045	1048	rVV2	41818	124759	2.11%	0.177%
78	14.288	1048	1050	1054	rVB4	95878	187656	3.18%	0.266%
79	14.471	1065	1066	1068	rVB	106673	95659	1.62%	0.136%
80	14.562	1071	1074	1076	rBV2	115202	178781	3.03%	0.253%
81	14.597	1076	1077	1081	rVB3	70803	127060	2.15%	0.180%
82	14.711	1086	1087	1090	rVB2	89789	87990	1.49%	0.125%
83	14.837	1096	1098	1102	rBV	227886	255095	4.32%	0.362%
84	15.122	1120	1123	1127	rBV	539146	1098323	18.59%	1.557%
85	15.191	1127	1129	1130	rVV	73390	94778	1.60%	0.134%
86	15.225	1130	1132	1134	rVB	133334	156119	2.64%	0.221%
87	15.419	1146	1149	1152	rVB	337758	456638	7.73%	0.647%
88	15.477	1152	1154	1157	rBV	411327	589370	9.97%	0.836%
89	15.545	1157	1160	1166	rVB2	689272	1090409	18.45%	1.546%
90	16.048	1202	1204	1207	rBV2	80272	140143	2.37%	0.199%
91	16.242	1219	1221	1227	rVB3	67016	151081	2.56%	0.214%
92	16.985	1283	1286	1291	rVB2	204189	428074	7.24%	0.607%
93	17.168	1299	1302	1305	rBV	61652	138926	2.35%	0.197%
94	17.420	1321	1324	1330	rBV	154339	341567	5.78%	0.484%
95	17.568	1334	1337	1342	rVV3	95217	243783	4.13%	0.346%
96	17.660	1342	1345	1351	rVB2	55000	135907	2.30%	0.193%
97	18.585	1423	1426	1434	rVB4	55418	168176	2.85%	0.238%

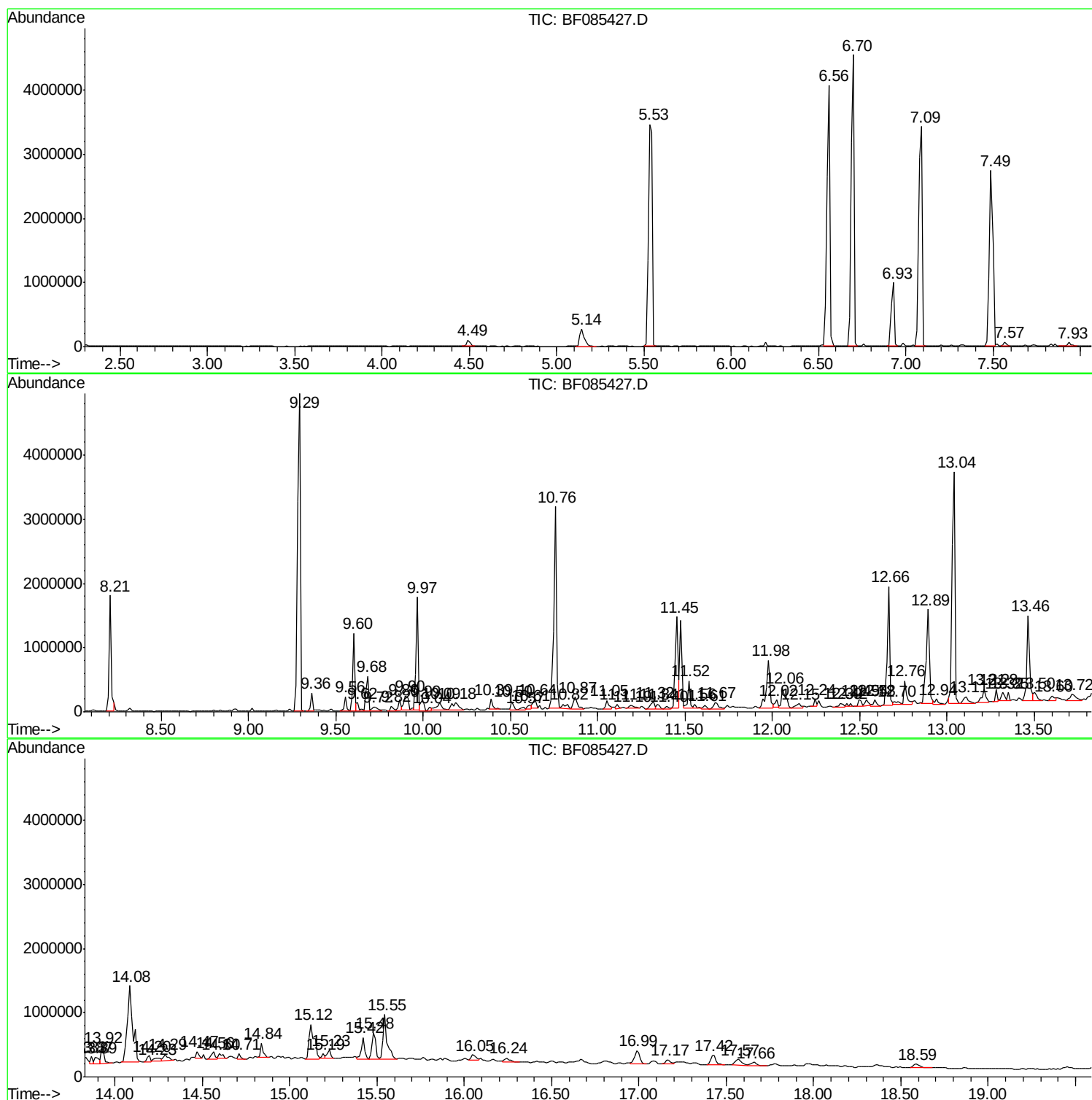
Sum of corrected areas: 70539379

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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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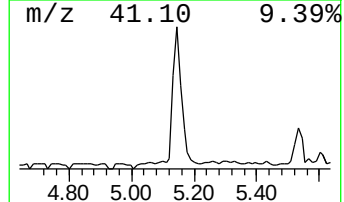
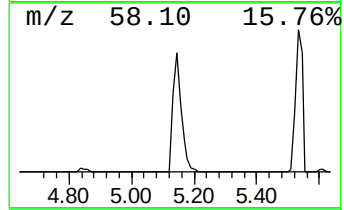
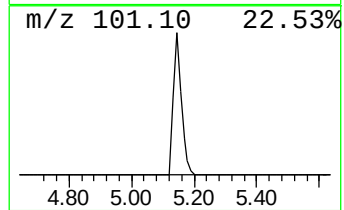
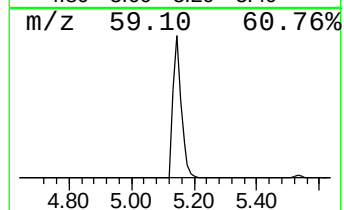
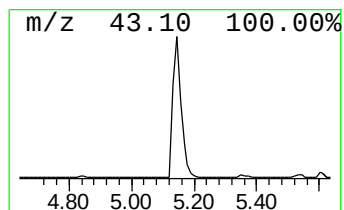
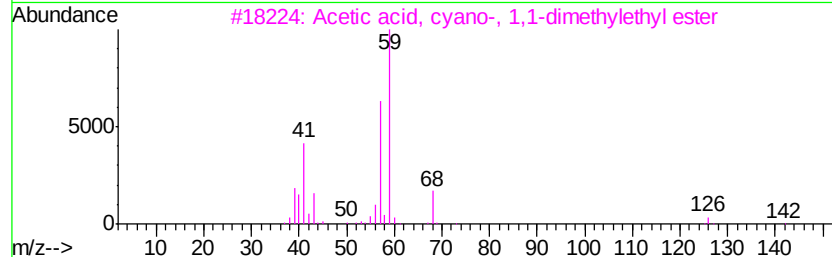
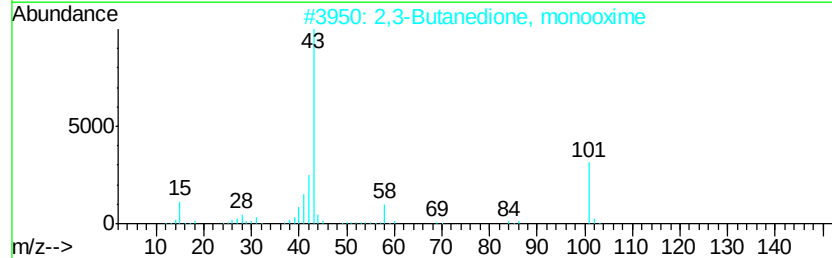
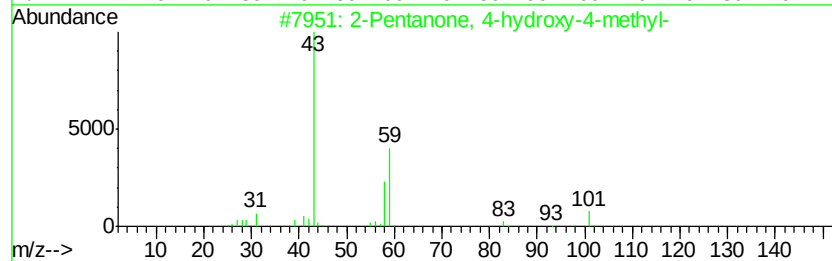
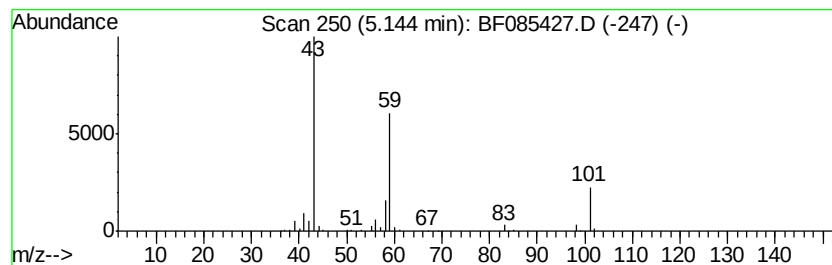
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.14	8.42 ng	490466	1,4-Dichlorobenzene-d4	6.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4		Acetone	58	C3H6O	000067-64-1	10
5		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



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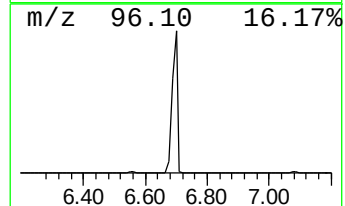
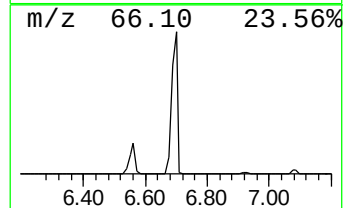
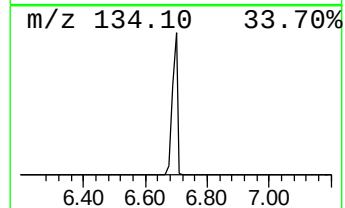
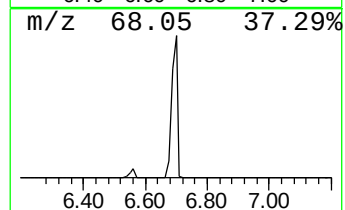
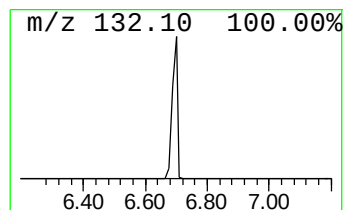
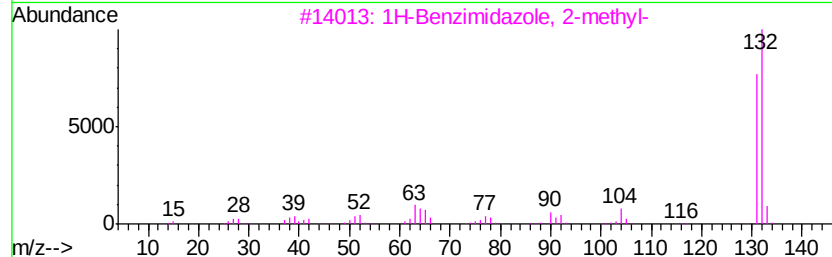
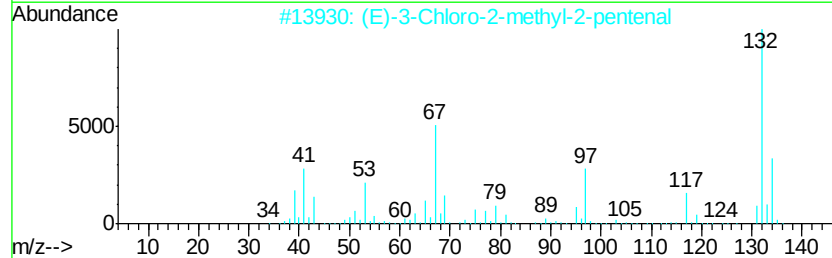
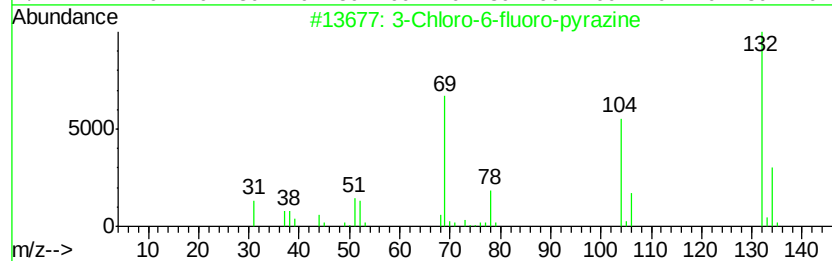
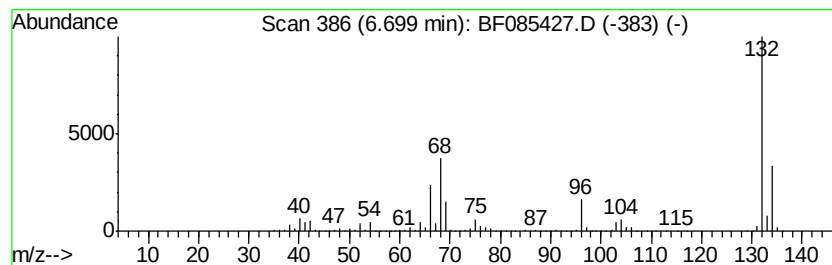
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.70 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	96.41 ng	5614460	1,4-Dichlorobenzene-d4	6.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2			(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3			1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4			1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9
5			2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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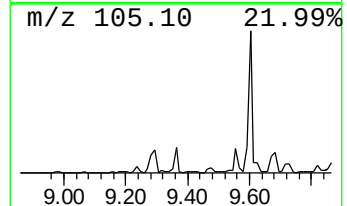
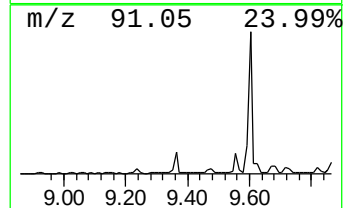
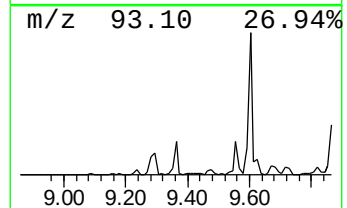
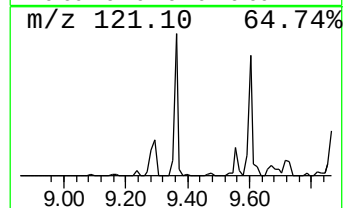
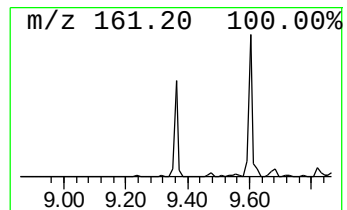
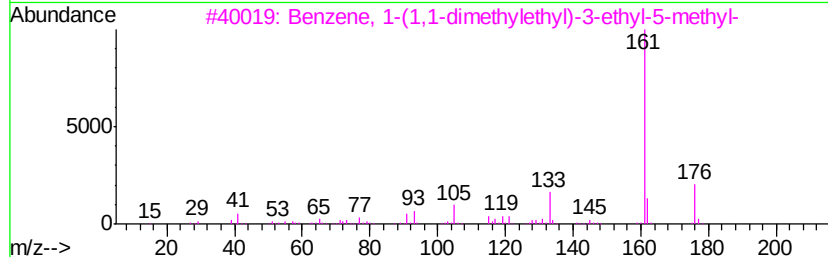
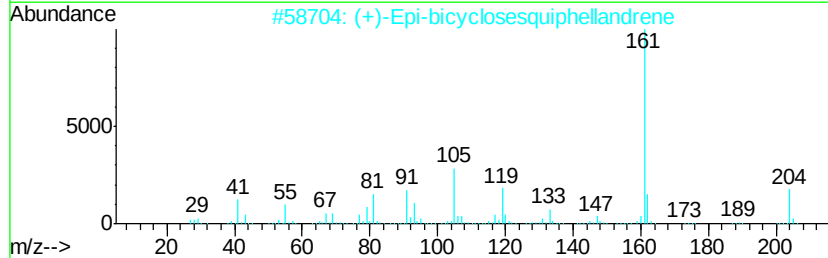
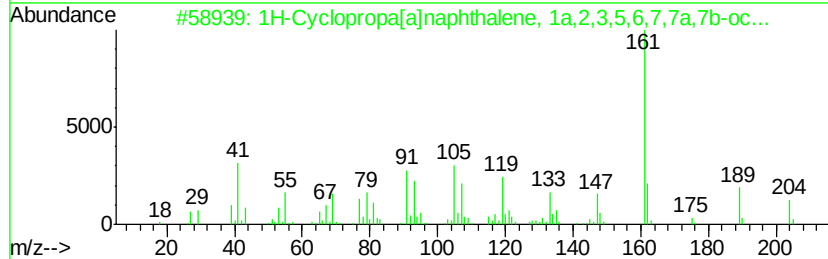
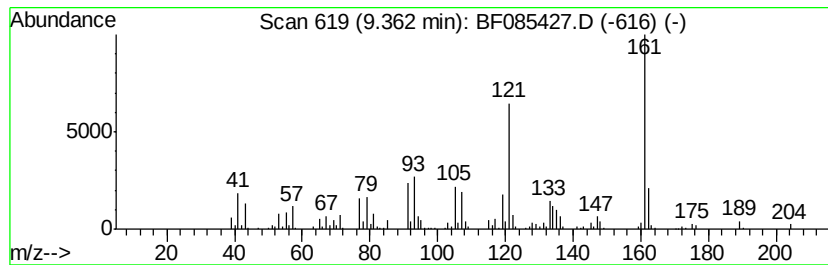
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 1H-Cyclopropa[a]naphthalene... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.36	2.82 ng	232672	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		1H-Cyclopropa[a]naphthalene, 1a,...	204 C15H24	017334-55-3 50
2		(+)-Epi-bicyclosquiphellandrene	204 C15H24	054324-03-7 47
3		Benzene, 1-(1,1-dimethylethyl)-3...	176 C13H20	006630-01-9 43
4		1-Ethyl-3-vinyl-adamantane	190 C14H22	1000214-99-6 40
5		4-Butylbenzoic acid, cyclobutyl ...	232 C15H20O2	1000292-20-5 38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

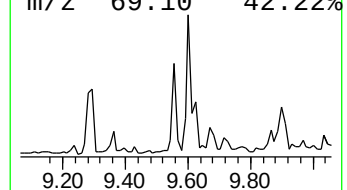
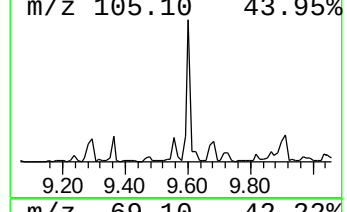
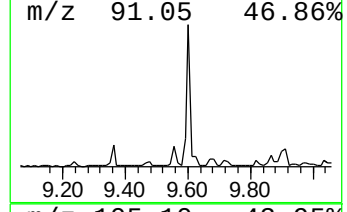
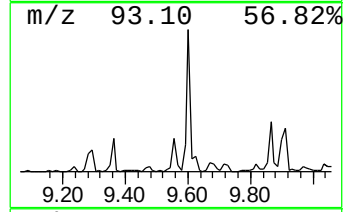
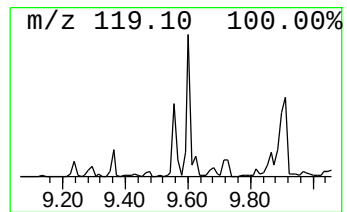
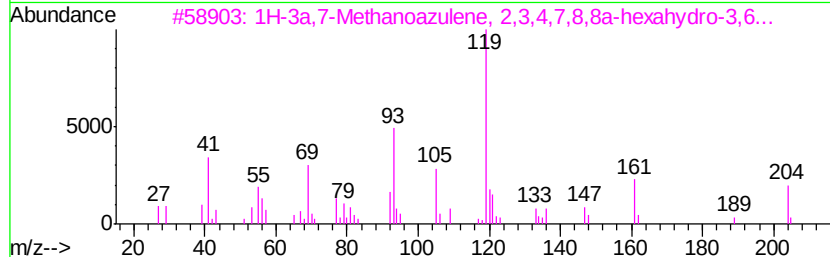
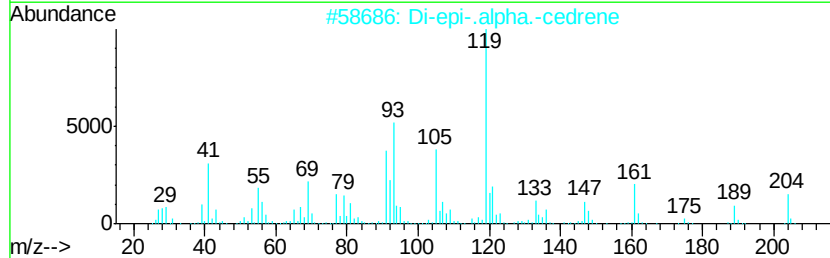
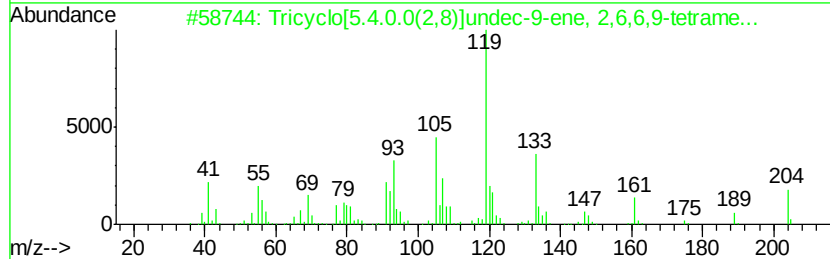
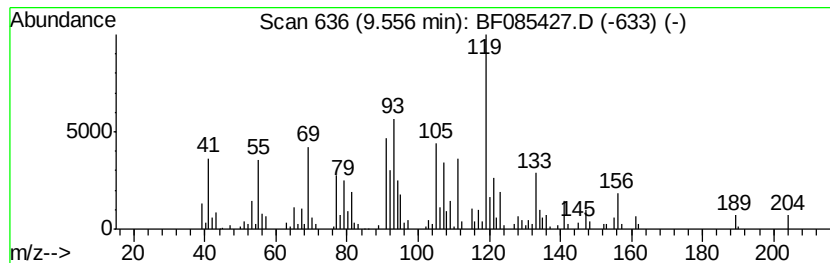
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BNA_F
ClientSampleId :
W170TH-SB-09(0.5-3.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tricyclo[5.4.0.0(2,8)]undec... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.56	2.58 ng	213442	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tricyclo[5.4.0.0(2,8)]undec-9-en...	204 C15H24	005989-08-2 86
2		Di-epi-.alpha.-cedrene	204 C15H24	1000156-13-3 62
3		1H-3a,7-Methanoazulene, 2,3,4,7,...	204 C15H24	000469-61-4 60
4		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204 C15H24	017699-05-7 41
5		trans-(2-Chlorovinyl)trimethylsi...	134 C5H11ClSi	1000139-55-2 35



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
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ClientSampleId :
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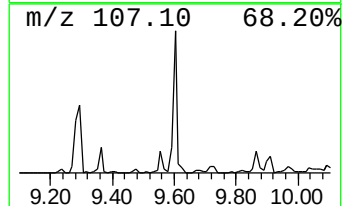
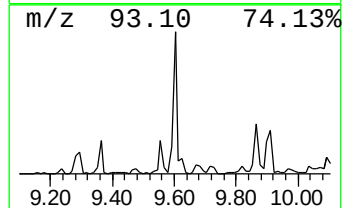
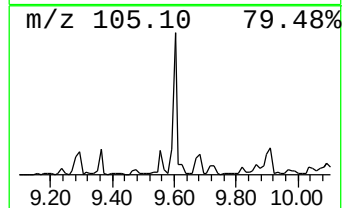
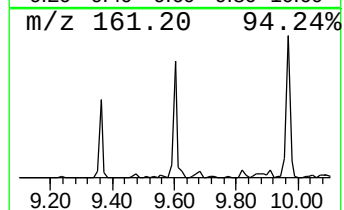
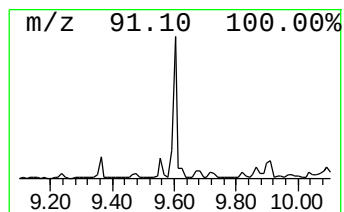
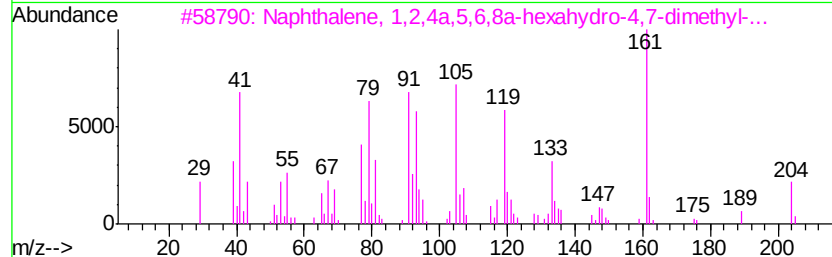
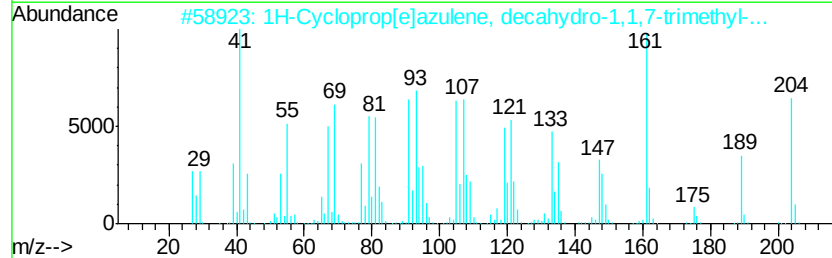
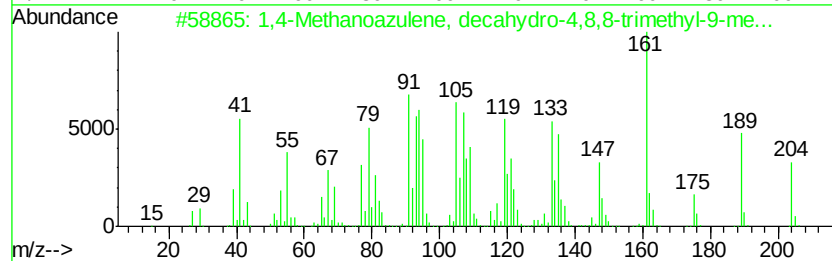
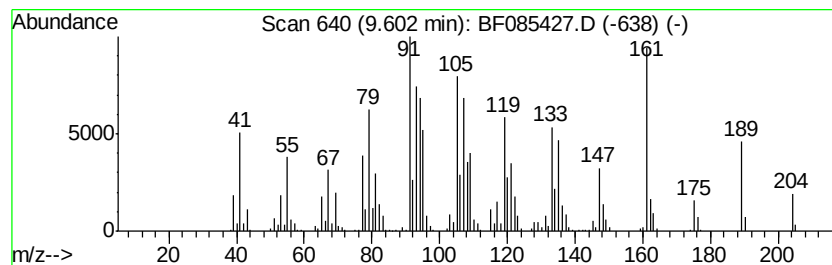
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 1,4-Methanoazulene, decahyd... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	12.92 ng	1067030	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Methanoazulene, decahydro-4,...	204	C15H24	000475-20-7	99
2		1H-Cycloprop[e]azulene, decahydr...	204	C15H24	000489-39-4	90
3		Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	000483-75-0	89
4		.beta.-Neoclovene	204	C15H24	056684-96-9	87
5		Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
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Instrument :
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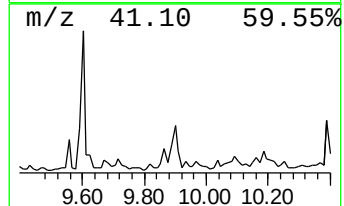
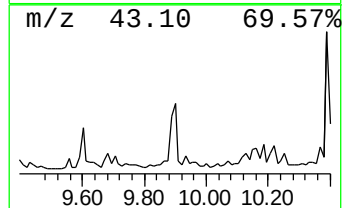
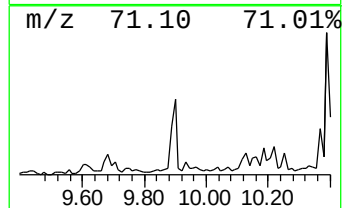
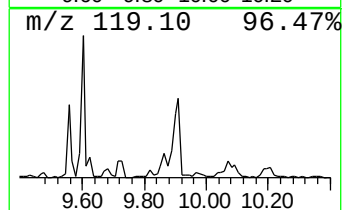
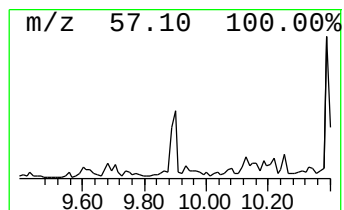
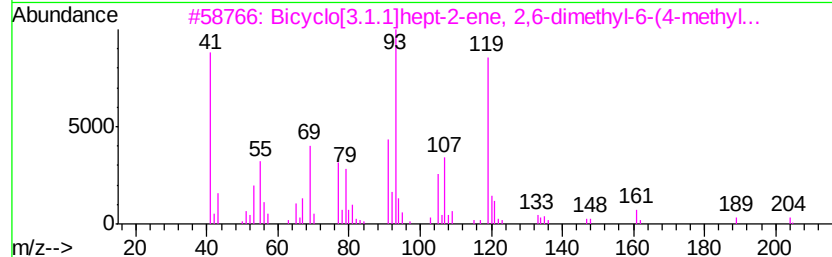
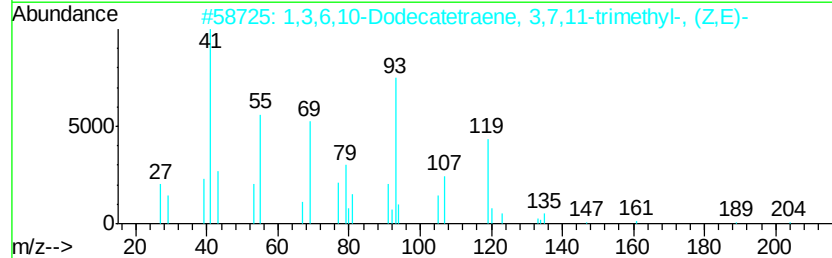
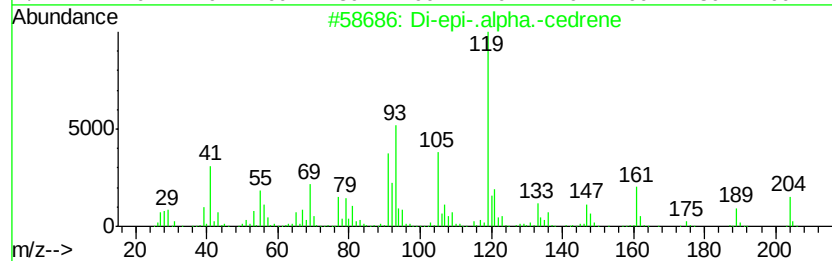
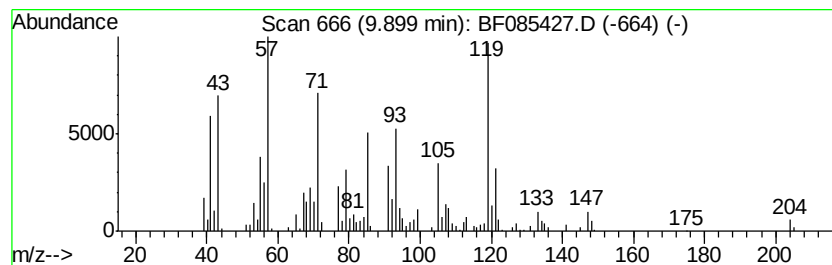
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown9.90 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	4.95 ng	409109	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Di-epi-.alpha.-cedrene	204	C15H24	1000156-13-3	49
2		1,3,6,10-Dodecatetraene, 3,7,11-...	204	C15H24	026560-14-5	45
3		Bicyclo[3.1.1]hept-2-ene, 2,6-di...	204	C15H24	017699-05-7	41
4		Caryophyllene	204	C15H24	000087-44-5	25
5		Naphthalene, 1,2,3,4,4a,5,6,8a-o...	204	C15H24	000473-13-2	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

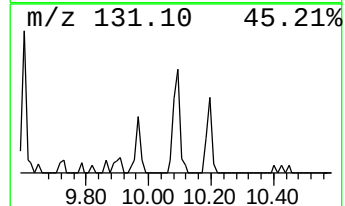
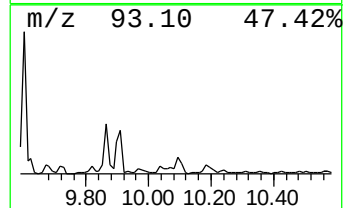
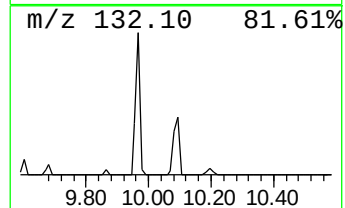
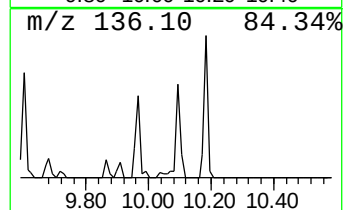
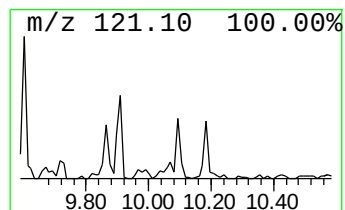
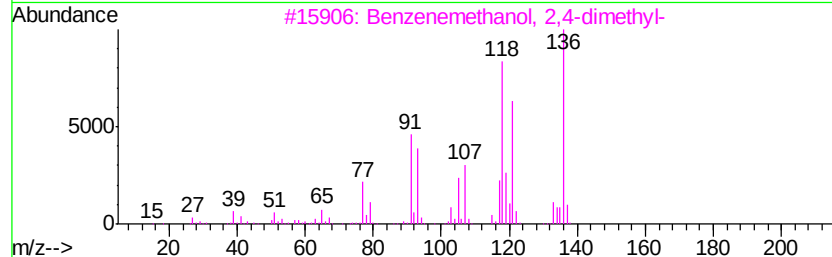
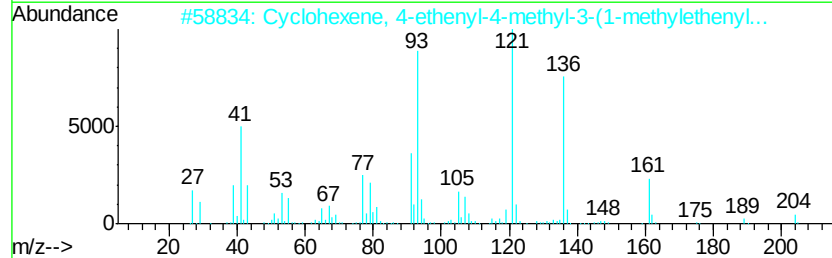
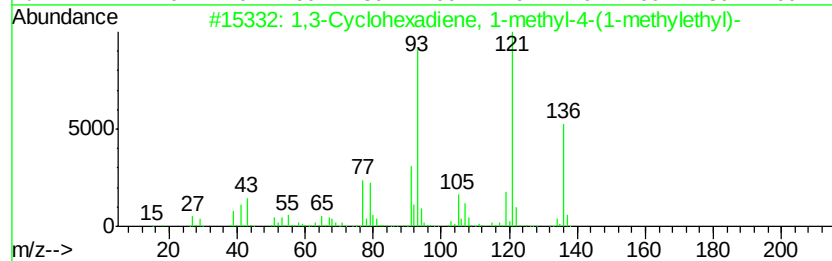
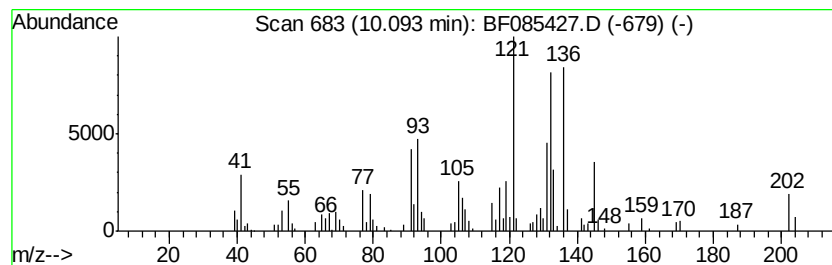
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ClientSampleId :
W170TH-SB-09(0.5-3.0)

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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 unknown10.09 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.09	2.84 ng	234605	Acenaphthene-d10	9.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1,3-Cyclohexadiene, 1-methyl-4-(...	136 C10H16	000099-86-5	43
2	Cyclohexene, 4-ethenyl-4-methyl-...	204 C15H24	020307-84-0	42
3	Benzenemethanol, 2,4-dimethyl-	136 C9H12O	016308-92-2	38
4	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136 C10H16	004045-44-7	38
5	Pyrazine, 2,5-diethyl-	136 C8H12N2	013238-84-1	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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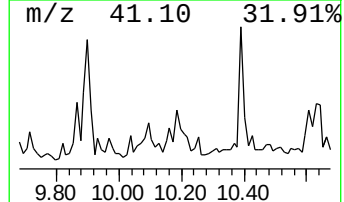
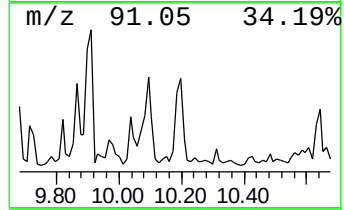
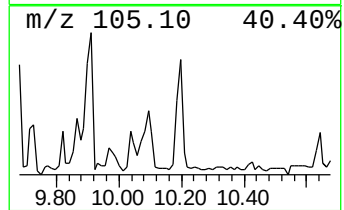
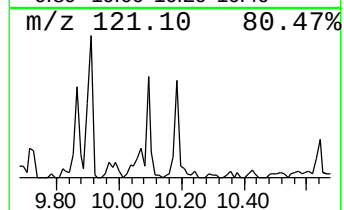
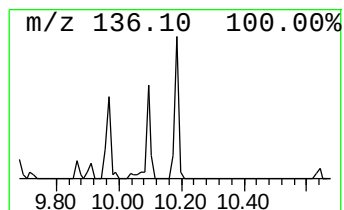
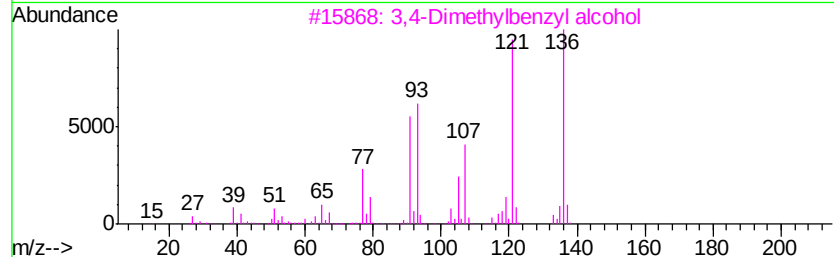
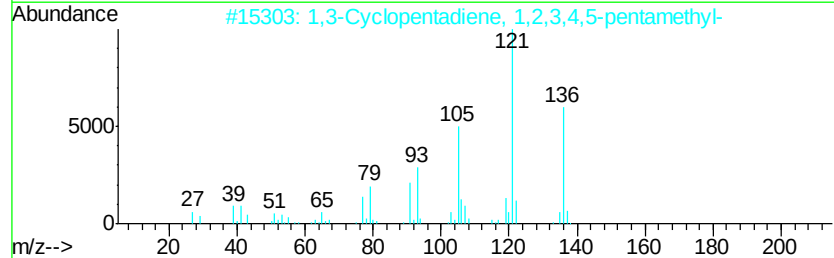
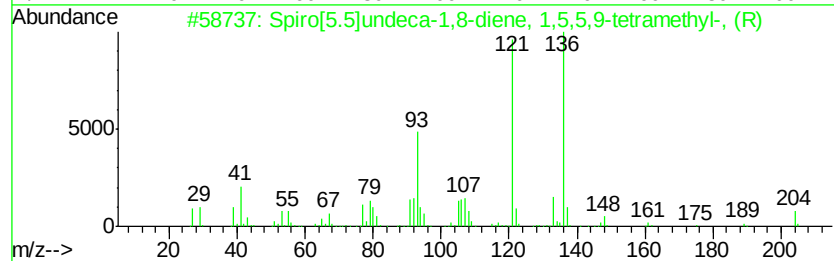
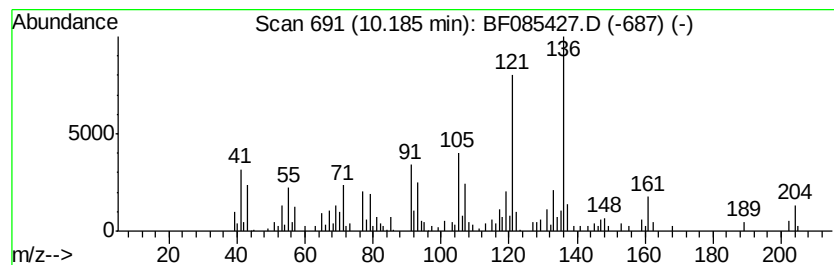
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Spiro[5.5]undeca-1,8-diene,... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.18	3.81 ng	314372	Acenaphthene-d10	9.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Spiro[5.5]undeca-1,8-diene, 1,5,...	204	C15H24	019912-83-5	86
2		1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	86
3		3,4-Dimethylbenzyl alcohol	136	C9H12O	006966-10-5	68
4		Hydrazine, 1-(4-ethylphenyl)-	136	C8H12N2	054840-34-5	58
5		2,4-Dimethylanisole	136	C9H12O	006738-23-4	58



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
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ALS Vial : 9 Sample Multiplier: 1

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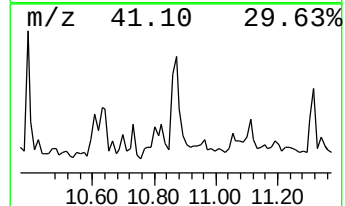
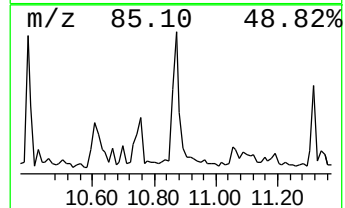
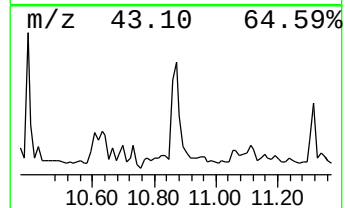
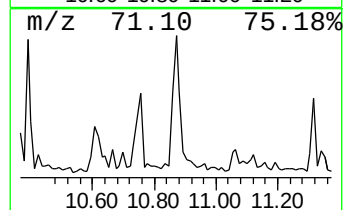
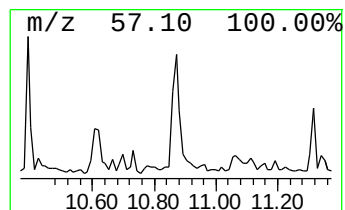
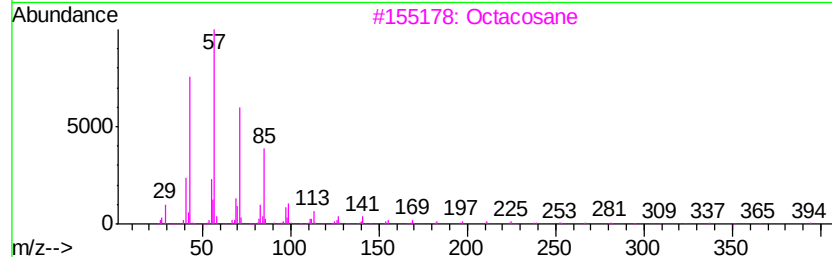
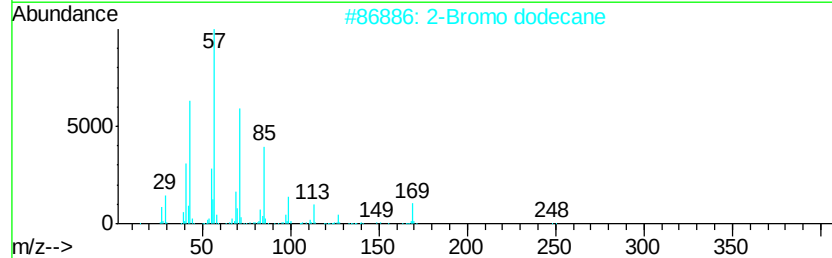
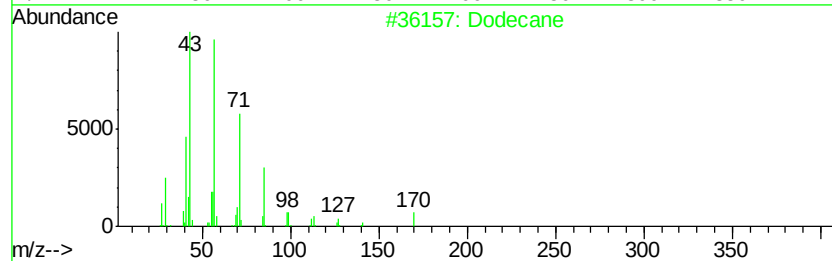
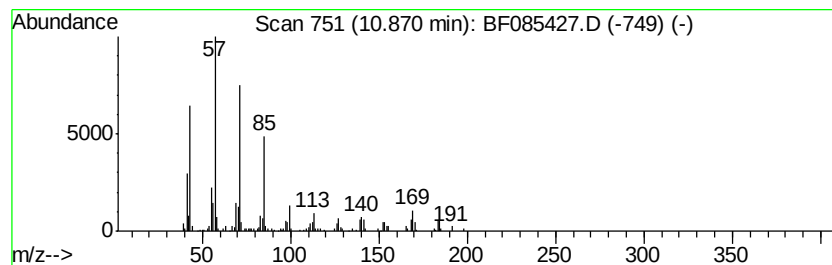
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	3.14 ng	281926	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	91
2		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
3		Octacosane	394	C28H58	000630-02-4	83
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	83
5		Tetracosane	338	C24H50	000646-31-1	83



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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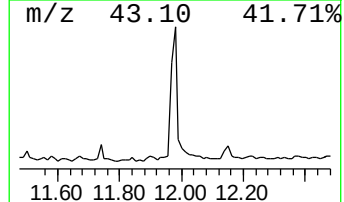
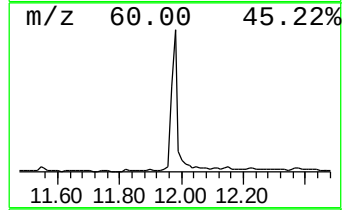
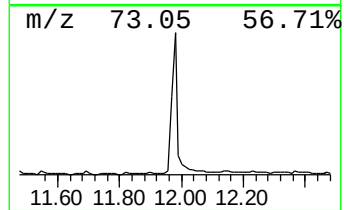
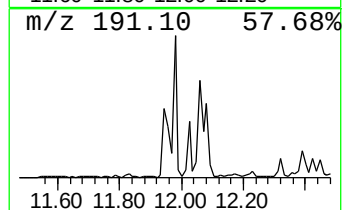
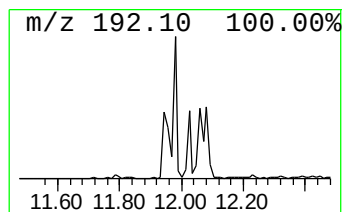
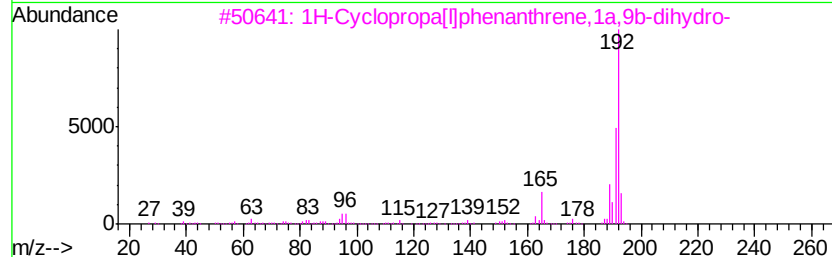
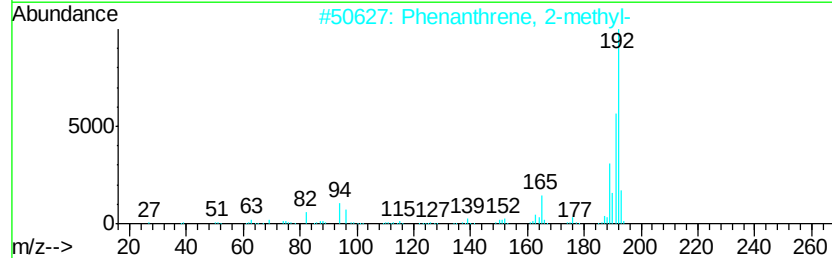
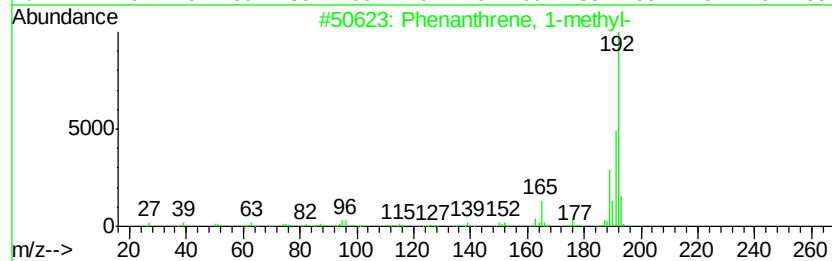
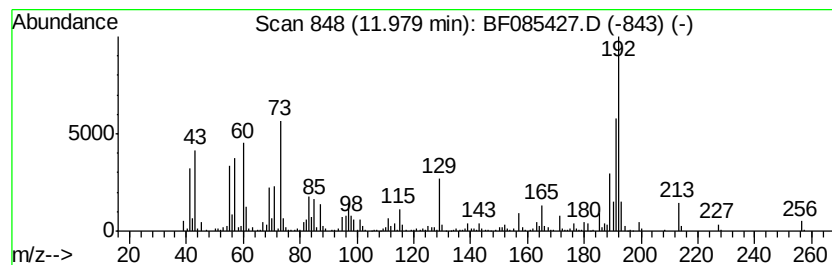
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W170TH-SB-09(0.5-3.0)

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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 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.98	11.31 ng	1015580	Phenanthrene-d10		11.45	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3		1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
W170TH-SB-09(0.5-3.0)

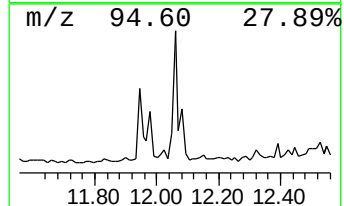
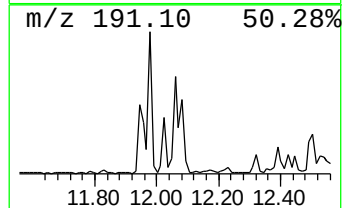
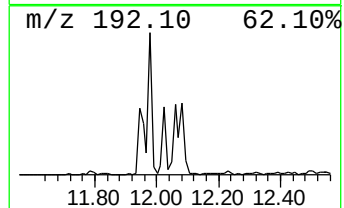
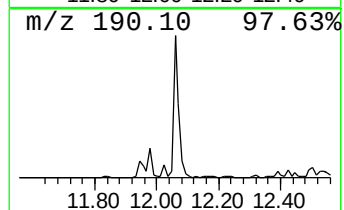
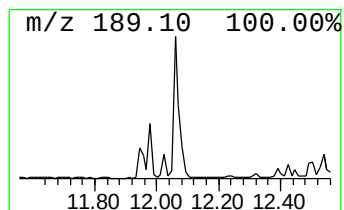
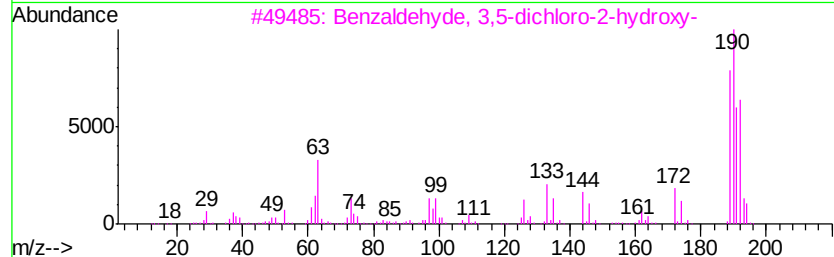
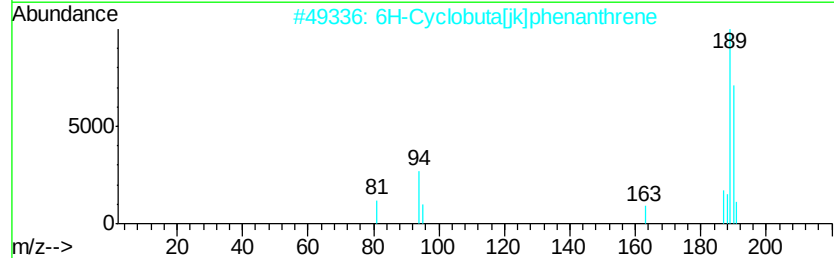
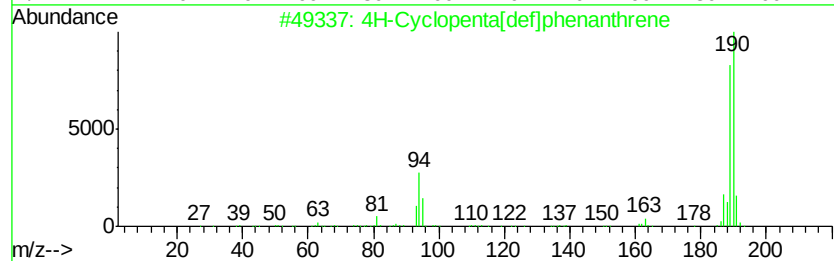
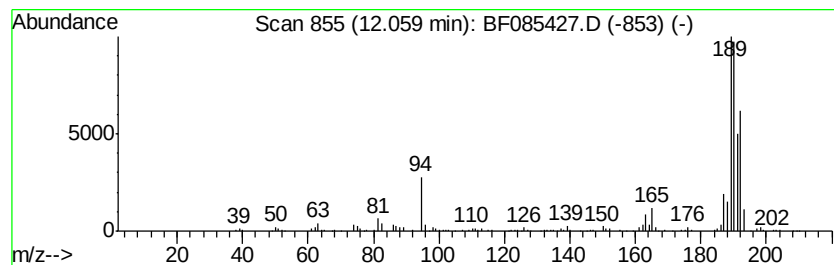
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.06	4.96 ng	445432	Phenanthrene-d10	11.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
4		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	30
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
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Sample : H1754-10
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Instrument :
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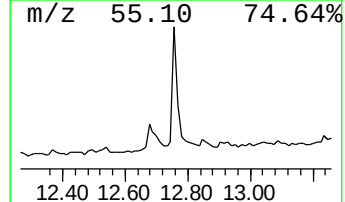
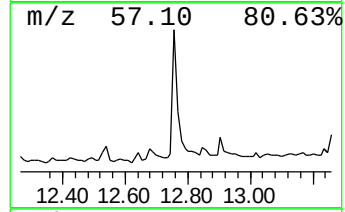
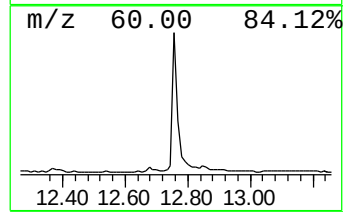
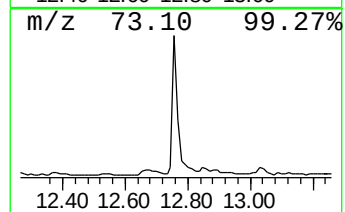
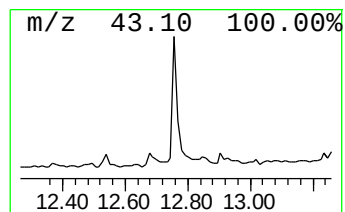
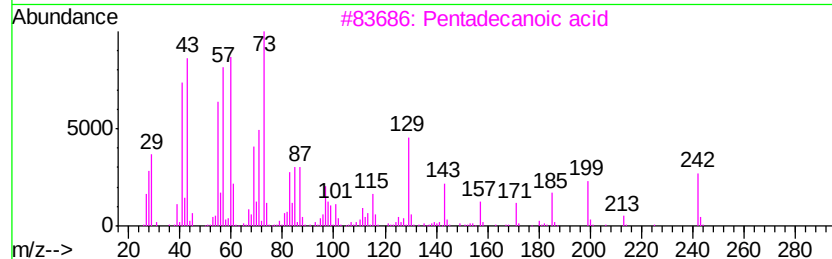
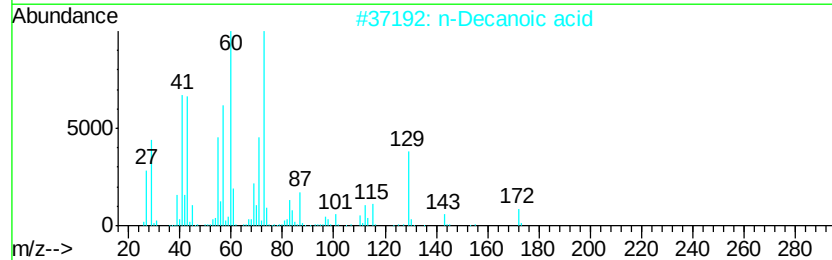
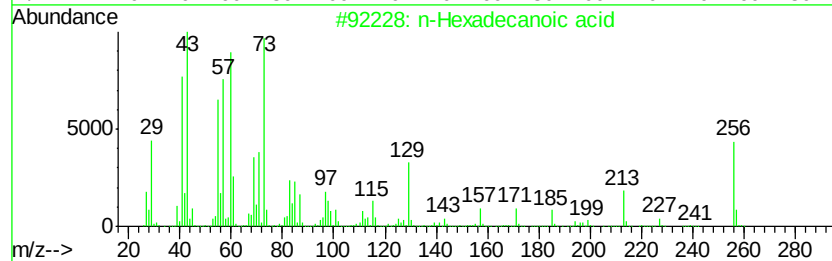
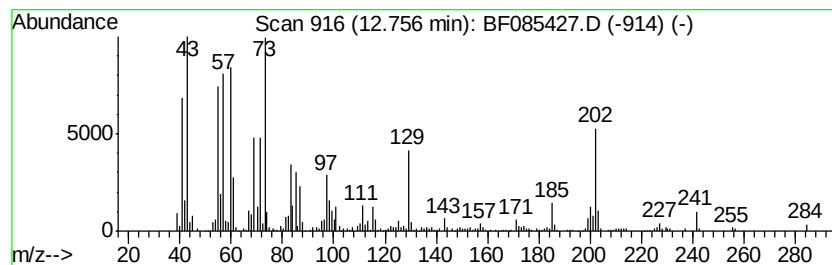
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	4.91 ng	441105	Phenanthrene-d10	11.45

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2			n-Decanoic acid	172	C10H20O2	000334-48-5	70
3			Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5			Dodecanoic acid	200	C12H24O2	000143-07-7	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 14:25
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Sample : H1754-10
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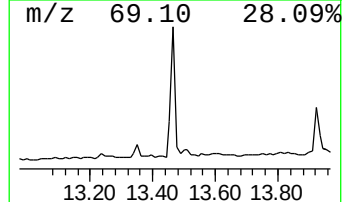
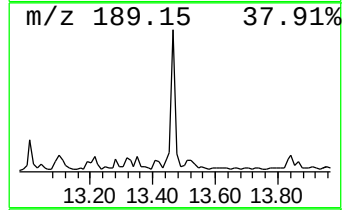
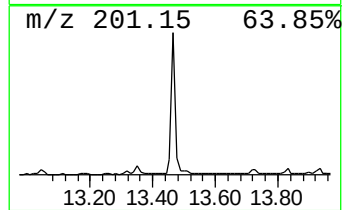
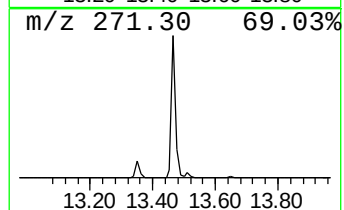
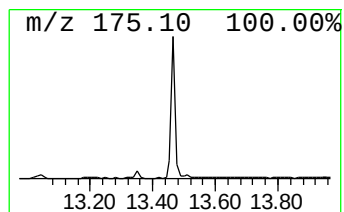
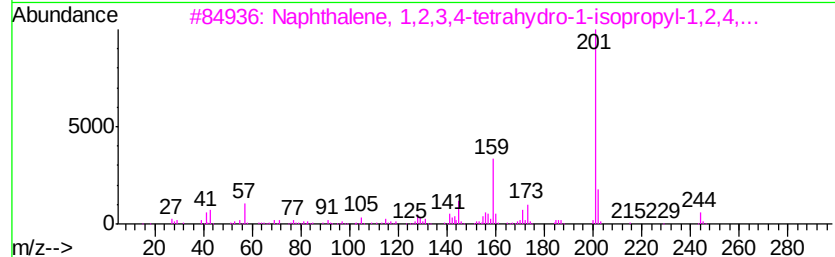
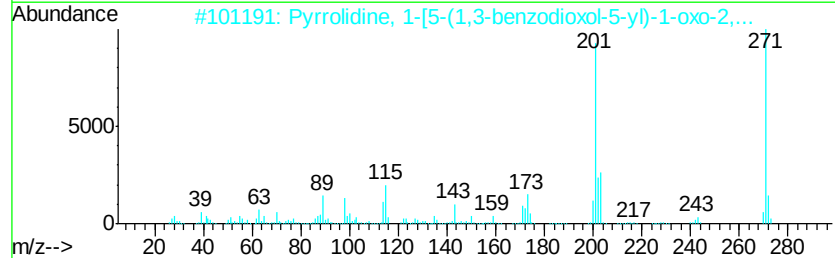
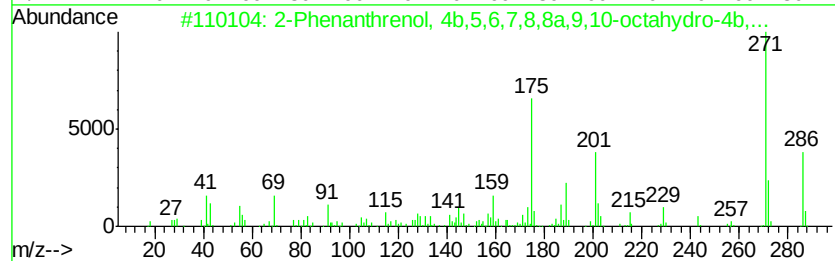
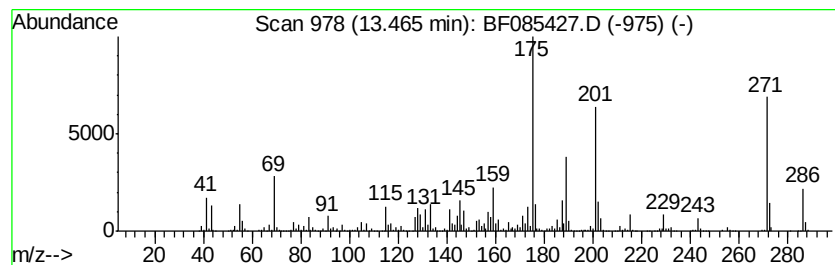
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 2-Phenanthrenol, 4b,5,6,7,8... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
13.47	10.03 ng	1302020	Chrysene-d12	14.09		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenanthrenol,	4b,5,6,7,8,8a,9...	286	C20H30O	000511-15-9	55
2	Pyrrolidine,	1-[5-(1,3-benzodiox...	271	C16H17NO3	025924-78-1	38
3	Naphthalene,	1,2,3,4-tetrahydro-...	244	C18H28	029577-17-1	25
4	m-Cymene,	5-tert-butyl-	190	C14H22	029577-19-3	18
5	Quinoline,	3-(methylthio)-	175	C10H9NS	051934-46-4	18



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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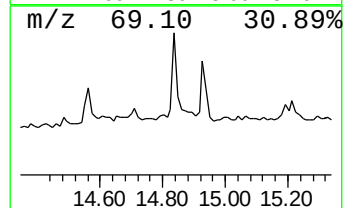
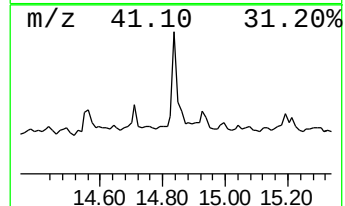
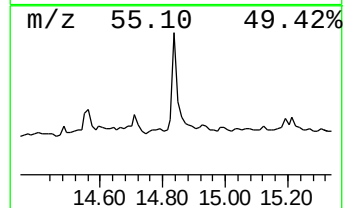
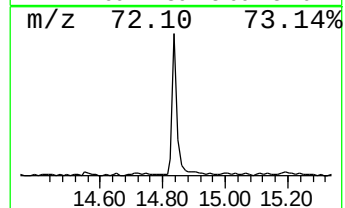
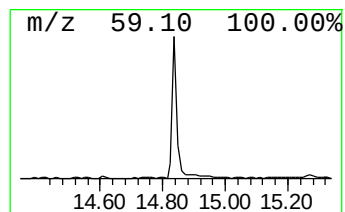
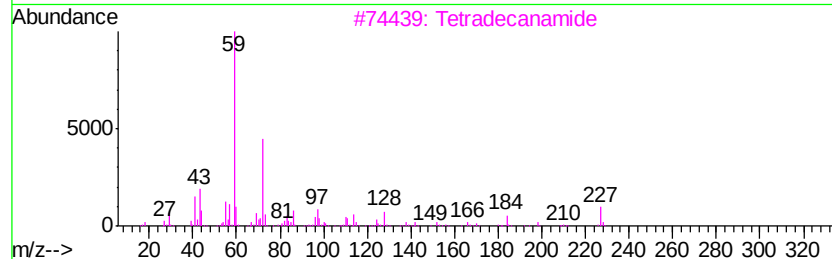
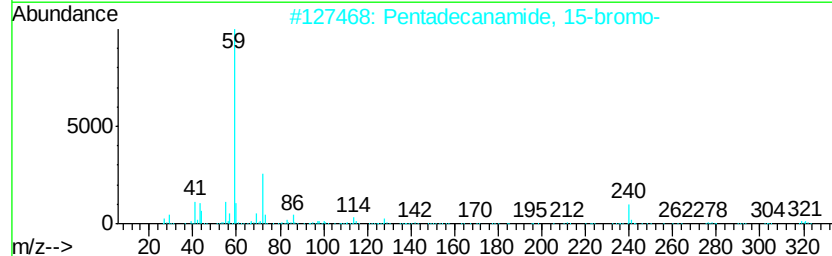
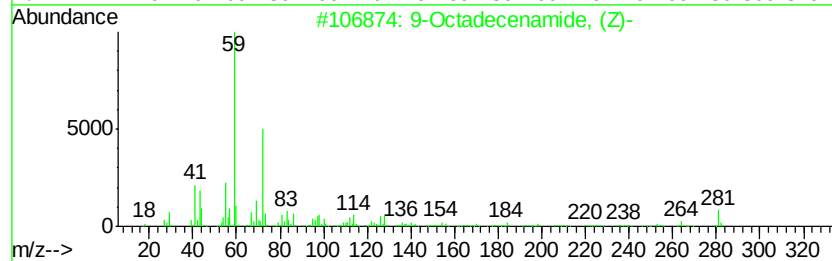
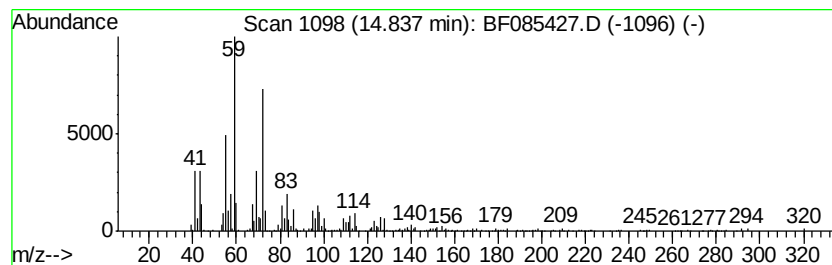
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9-Octadecenamide, (Z)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
14.84	4.68 ng	255095	Perylene-d12	15.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	83
2	Pentadecanamide, 15-bromo-	319	C15H30BrNO	1000163-86-1	64
3	Tetradecanamide	227	C14H29NO	000638-58-4	53
4	Octadecanamide	283	C18H37NO	000124-26-5	43
5	Pentanamide, 4-methyl-	115	C6H13NO	001119-29-5	43



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
Data File : BF085427.D
Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

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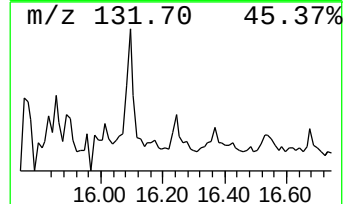
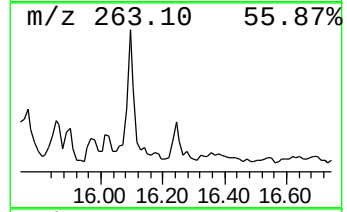
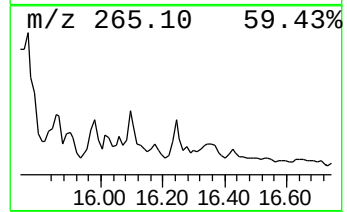
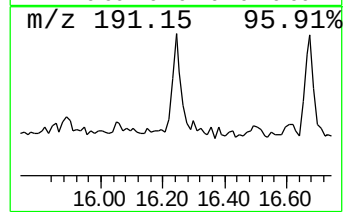
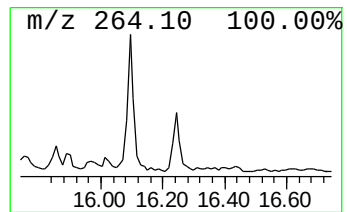
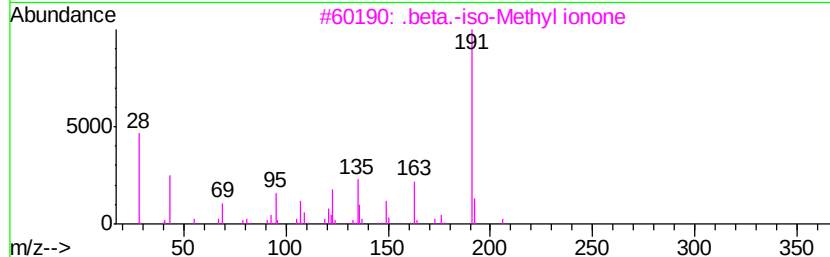
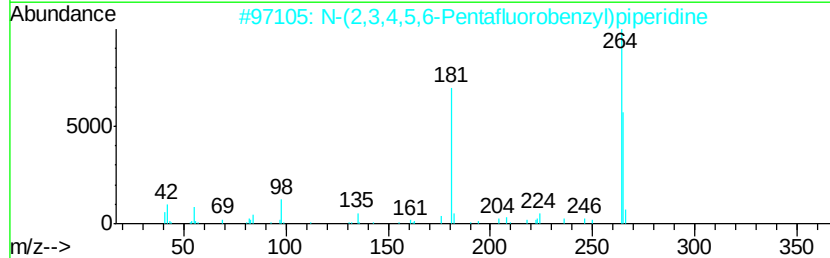
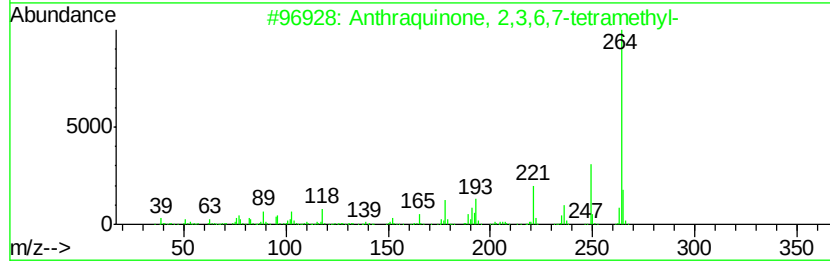
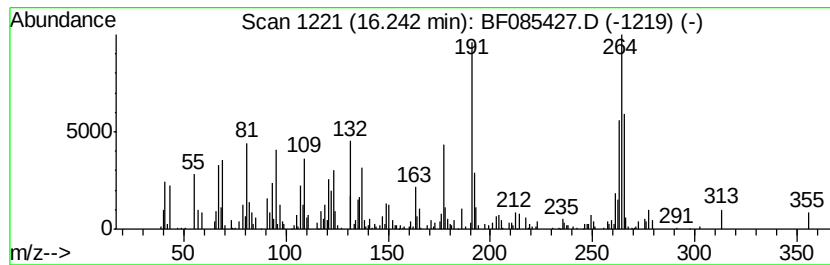
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 unknown16.24 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.77 ng	151081	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthraquinone, 2,3,6,7-tetramethyl-	264	C18H16O2	015247-68-4	25
2		N-(2,3,4,5,6-Pentafluorobenzyl)p...	265	C12H12F5N	115217-20-4	18
3		.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	14
4		1,2-Diazine, 3,5-di[2-hydroxyphe...	264	C16H12N2O2	122763-54-6	14
5		5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	14



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Acq On : 14 Mar 2016 14:25
Operator : UM/SJ
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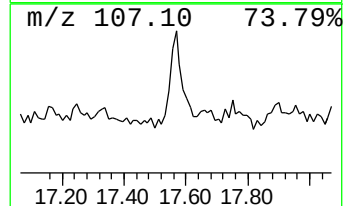
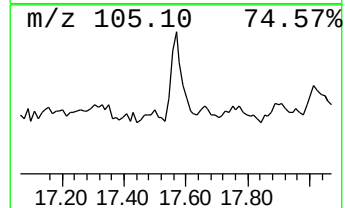
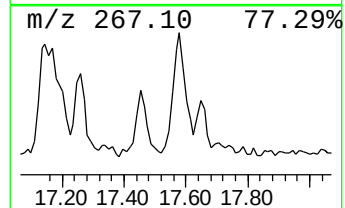
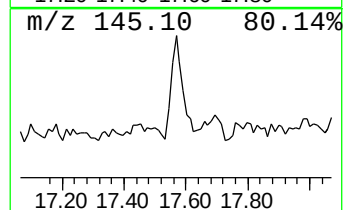
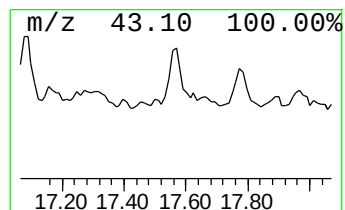
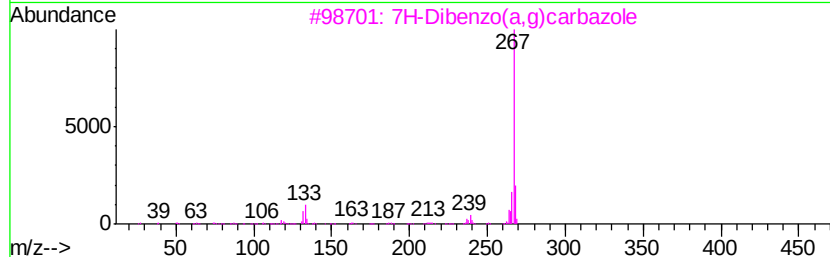
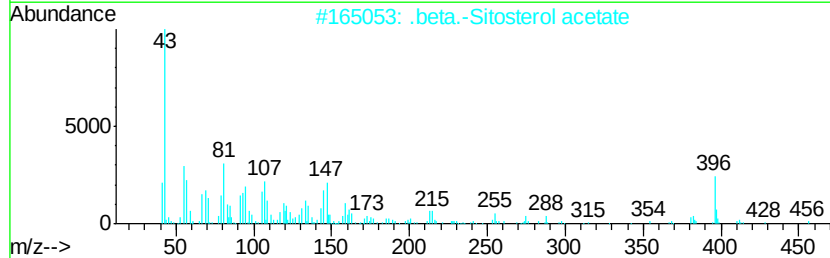
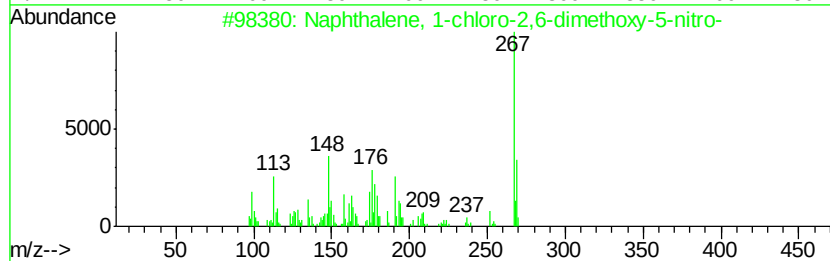
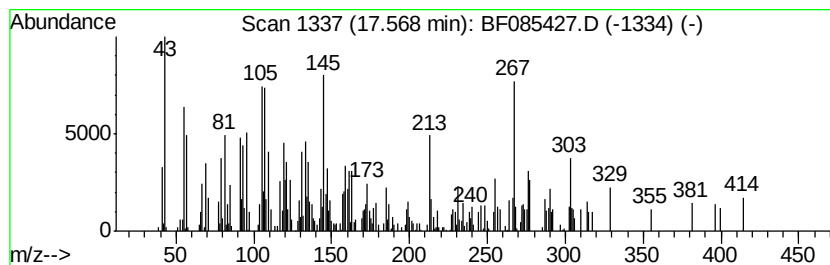
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown17.57 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.57	4.47 ng	243783	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-chloro-2,6-dimeth...	267	C12H10ClN04	025314-98-1	25
2		.beta.-Sitosterol acetate	456	C31H52O2	000915-05-9	14
3		7H-Dibenzo(a,g)carbazole	267	C20H13N	000207-84-1	11
4		1-Hydroxy-2,2,5,5-tetramethyl-4-...	218	C13H18N2O	039753-68-9	11
5		1,4-Bis(2-benzimidazolyl)butane	290	C18H18N4	004746-56-9	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
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Sample : H1754-10
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
W170TH-SB-09(0.5-3.0)

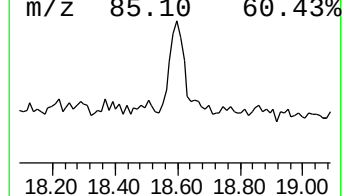
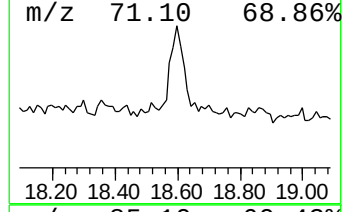
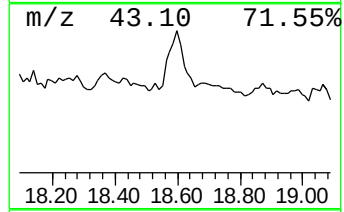
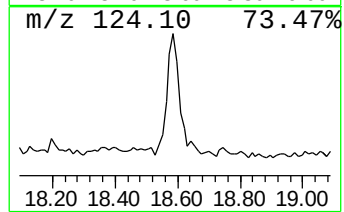
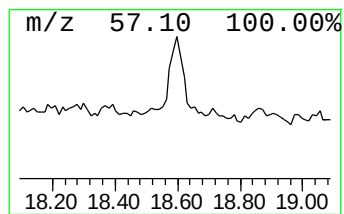
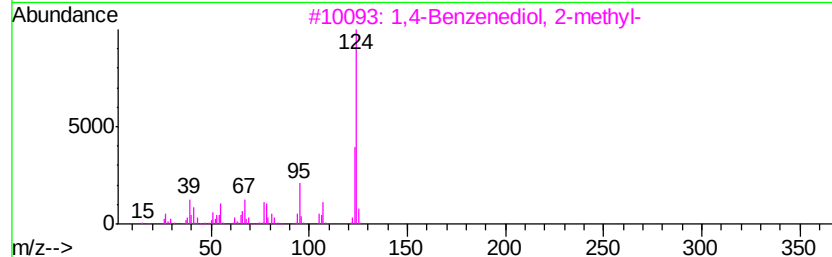
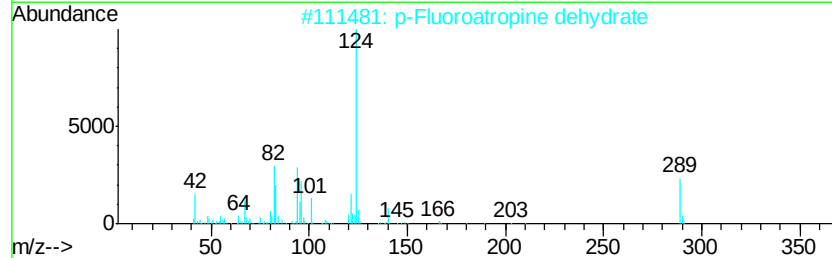
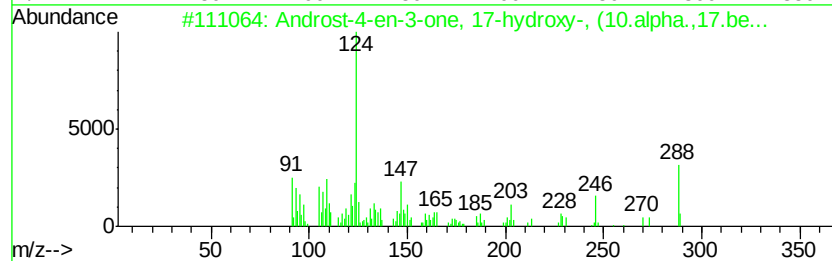
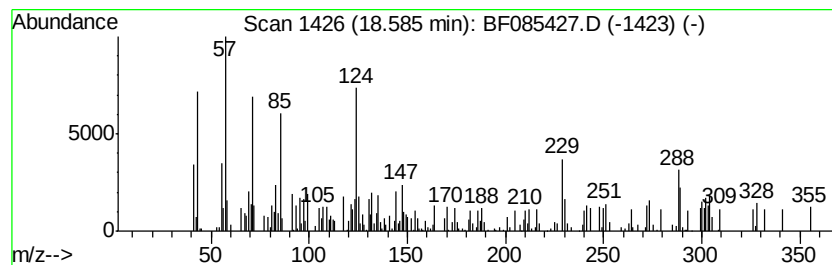
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 unknown18.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	3.08 ng	168176	Perylene-d12	15.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Androst-4-en-3-one, 17-hydroxy-, ...	288	C19H28O2	000604-39-7	43
2		p-Fluoroatropine dehydrate	289	C17H20FN02	1000212-74-8	35
3		1,4-Benzenediol, 2-methyl-	124	C7H8O2	000095-71-6	25
4		4,4,8-Trimethyl-non-7-en-2-one	182	C12H22O	1000187-18-6	25
5		Propanoic acid, 3-amino-3-(4-flu...	183	C9H10FN02	000325-89-3	25



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031416\
 Data File : BF085427.D
 Acq On : 14 Mar 2016 14:25
 Operator : UM/SJ
 Sample : H1754-10
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W170TH-SB-09(0.5-3.0)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030316.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...	5.14	8.4	ng	490466	1	6.93	1164700	20.0
unknown6.70	6.70	96.4	ng	5614460	1	6.93	1164700	20.0
1H-Cyclopropa[a]n...	9.36	2.8	ng	232672	3	9.97	1652260	20.0
Tricyclo[5.4.0.0(...	9.56	2.6	ng	213442	3	9.97	1652260	20.0
1,4-Methanoazulen...	9.60	12.9	ng	1067030	3	9.97	1652260	20.0
unknown9.90	9.90	5.0	ng	409109	3	9.97	1652260	20.0
unknown10.09	10.09	2.8	ng	234605	3	9.97	1652260	20.0
Spiro[5.5]undeca-...	10.18	3.8	ng	314372	3	9.97	1652260	20.0
Dodecane	10.87	3.1	ng	281926	4	11.45	1795530	20.0
Phenanthrene, 1-m...	11.98	11.3	ng	1015580	4	11.45	1795530	20.0
4H-Cyclopenta[def...	12.06	5.0	ng	445432	4	11.45	1795530	20.0
n-Hexadecanoic acid	12.76	4.9	ng	441105	4	11.45	1795530	20.0
2-Phenanthrenol, ...	13.47	10.0	ng	1302020	5	14.09	2595640	20.0
9-Octadecenamide, ...	14.84	4.7	ng	255095	6	15.55	1090410	20.0
unknown16.24	16.24	2.8	ng	151081	6	15.55	1090410	20.0
unknown17.57	17.57	4.5	ng	243783	6	15.55	1090410	20.0
unknown18.59	18.59	3.1	ng	168176	6	15.55	1090410	20.0