

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087492.D
 Acq On : 28 May 2016 22:20
 Operator : UM/SJ
 Sample : H3276-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

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-BF052316.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	4.673	268	270	280	rBV	202578	491875	7.26%	0.453%
2	5.359	328	330	339	rBV	614766	1549860	22.87%	1.427%
3	6.296	409	412	416	rVB	98475	175114	2.58%	0.161%
4	6.616	436	440	443	rBV2	85811	177278	2.62%	0.163%
5	7.016	474	475	482	rBV	536916	1249264	18.43%	1.150%
6	7.119	482	484	491	rVV	2160513	3095396	45.67%	2.851%
7	7.393	504	508	512	rVB	177739	337434	4.98%	0.311%
8	7.462	512	514	519	rBV2	528404	970192	14.31%	0.893%
9	7.542	519	521	524	rVB	311088	396811	5.85%	0.365%
10	7.599	524	526	530	rBV4	83832	191747	2.83%	0.177%
11	7.702	532	535	537	rBV	2170690	2989608	44.11%	2.753%
12	7.885	550	551	554	rVB2	189944	251691	3.71%	0.232%
13	8.022	560	563	564	rBV2	195591	362769	5.35%	0.334%
14	8.056	564	566	568	rVV	137708	197987	2.92%	0.182%
15	8.239	580	582	584	rBV2	81736	157369	2.32%	0.145%
16	8.342	587	591	592	rBV2	219145	609174	8.99%	0.561%
17	8.388	592	595	599	rVV	1700461	2637200	38.91%	2.429%
18	8.570	609	611	614	rVB3	108779	200744	2.96%	0.185%
19	8.651	614	618	622	rBV5	187065	535496	7.90%	0.493%
20	8.719	622	624	626	rBV	756633	955721	14.10%	0.880%
21	8.788	626	630	632	rVB2	196807	307389	4.54%	0.283%
22	8.902	638	640	644	rBV3	296407	583263	8.61%	0.537%
23	8.993	647	648	652	rVB2	329343	440535	6.50%	0.406%
24	9.085	653	656	659	rBV	178006	325368	4.80%	0.300%
25	9.188	663	665	668	rVB3	221540	366520	5.41%	0.338%
26	9.268	668	672	674	rBV2	146915	371789	5.49%	0.342%
27	9.348	677	679	682	rVB	265479	373193	5.51%	0.344%
28	9.393	682	683	687	rBV2	123210	194747	2.87%	0.179%
29	9.473	687	690	691	rBV2	440944	830691	12.26%	0.765%
30	9.496	691	692	695	rVB2	841195	1251726	18.47%	1.153%
31	9.553	695	697	698	rBV2	121434	155744	2.30%	0.143%
32	9.599	698	701	704	rVB3	540851	1107526	16.34%	1.020%
33	9.702	707	710	712	rVB	1183565	1763871	26.03%	1.624%
34	9.748	712	714	715	rBV2	127399	191117	2.82%	0.176%

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35	9.782	715	717	719	rVB3	250088	371836	5.49%	0.342%
36	9.851	719	723	726	rBV4	549015	1221163	18.02%	1.125%
37	9.908	726	728	732	rBV3	251308	605625	8.94%	0.558%
38	9.976	732	734	736	rVB2	443469	591637	8.73%	0.545%
39	10.022	736	738	743	rBV3	498405	1093363	16.13%	1.007%
40	10.114	743	746	748	rBV3	283134	487097	7.19%	0.449%
41	10.148	748	749	752	rVB2	280287	427049	6.30%	0.393%
42	10.228	754	756	758	rBV2	209005	429836	6.34%	0.396%
43	10.296	758	762	764	rBV2	1333615	2218383	32.73%	2.043%
44	10.399	769	771	773	rBV3	270586	581295	8.58%	0.535%
45	10.502	776	780	782	rBV3	257107	853271	12.59%	0.786%
46	10.548	782	784	785	rVV	259313	472429	6.97%	0.435%
47	10.582	785	787	790	rVV	424422	722743	10.66%	0.666%
48	10.651	791	793	797	rVV3	296091	784357	11.57%	0.722%
49	10.731	797	800	803	rVB3	398105	765995	11.30%	0.705%
50	10.811	804	807	810	rVV	1221527	2018191	29.78%	1.859%
51	10.856	810	811	819	rVB4	517227	1387383	20.47%	1.278%
52	10.994	821	823	825	rVV2	239601	422175	6.23%	0.389%
53	11.039	825	827	828	rVV2	498721	728503	10.75%	0.671%
54	11.085	829	831	833	rVB2	381195	560670	8.27%	0.516%
55	11.211	840	842	844	rBV2	336819	543935	8.03%	0.501%
56	11.279	844	848	850	rVV2	3286596	5907208	87.16%	5.440%
57	11.314	850	851	853	rVB3	184417	204021	3.01%	0.188%
58	11.359	853	855	857	rBV3	335997	445662	6.58%	0.410%
59	11.508	863	868	870	rBV4	910819	1819972	26.85%	1.676%
60	11.565	870	873	877	rVV4	357151	937559	13.83%	0.863%
61	11.691	882	884	887	rBV3	236549	548582	8.09%	0.505%
62	11.805	891	894	896	rVV	1013337	1667932	24.61%	1.536%
63	11.851	896	898	900	rVB3	1228960	1731742	25.55%	1.595%
64	11.977	907	909	910	rBV2	507070	862283	12.72%	0.794%
65	12.022	910	913	915	rVB	2566355	3572390	52.71%	3.290%
66	12.057	915	916	918	rVB2	260947	291517	4.30%	0.268%
67	12.114	918	921	923	rBV2	537671	1062778	15.68%	0.979%
68	12.182	924	927	930	rVB2	1511080	2241281	33.07%	2.064%
69	12.239	930	932	934	rBV2	261564	465641	6.87%	0.429%
70	12.285	934	936	937	rBV	421659	500891	7.39%	0.461%
71	12.331	937	940	943	rBV3	831790	1400586	20.67%	1.290%

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72	12.377	943	944	949	rBV5	344352	799259	11.79%	0.736%
73	12.537	956	958	961	rVB2	426428	763206	11.26%	0.703%
74	12.594	961	963	965	rVB3	424709	655436	9.67%	0.604%
75	12.639	965	967	968	rBV	258873	252663	3.73%	0.233%
76	12.697	968	972	974	rBV2	729862	1324311	19.54%	1.220%
77	12.765	975	978	983	rVB2	917012	1810159	26.71%	1.667%
78	12.880	983	988	990	rBV3	1436378	2420568	35.71%	2.229%
79	12.925	990	992	994	rVB2	561559	705880	10.42%	0.650%
80	12.982	995	997	998	rBV	256782	274266	4.05%	0.253%
81	13.028	998	1001	1002	rBV3	253382	477746	7.05%	0.440%
82	13.222	1016	1018	1022	rVB4	648167	1480264	21.84%	1.363%
83	13.314	1022	1026	1029	rBV5	647878	1653352	24.39%	1.523%
84	13.440	1035	1037	1040	rVB3	292571	378997	5.59%	0.349%
85	13.542	1042	1046	1048	rVB	2221625	3763148	55.52%	3.466%
86	13.634	1052	1054	1059	rBV3	1565941	2660738	39.26%	2.450%
87	13.851	1069	1073	1076	rVB2	450007	1146482	16.92%	1.056%
88	13.977	1080	1084	1087	rBV	4031086	6777466	100.00%	6.242%
89	14.308	1111	1113	1115	rVB	448959	586213	8.65%	0.540%
90	14.354	1115	1117	1120	rVB3	322516	427086	6.30%	0.393%
91	14.491	1127	1129	1131	rBV2	200293	429220	6.33%	0.395%
92	14.731	1146	1150	1153	rBV2	2808327	4771589	70.40%	4.394%
93	14.960	1167	1170	1174	rBV3	285885	845143	12.47%	0.778%
94	15.280	1195	1198	1203	rVB3	693095	1334105	19.68%	1.229%
95	16.354	1289	1292	1294	rBV	462256	670718	9.90%	0.618%
96	16.514	1304	1306	1309	rBV4	129806	206403	3.05%	0.190%
97	16.640	1315	1317	1319	rVB2	171858	241064	3.56%	0.222%
98	17.097	1353	1357	1359	rVB	2277246	3575570	52.76%	3.293%
99	18.434	1472	1474	1477	rBV	643799	747702	11.03%	0.689%
100	20.103	1618	1620	1626	rBV	458892	664438	9.80%	0.612%

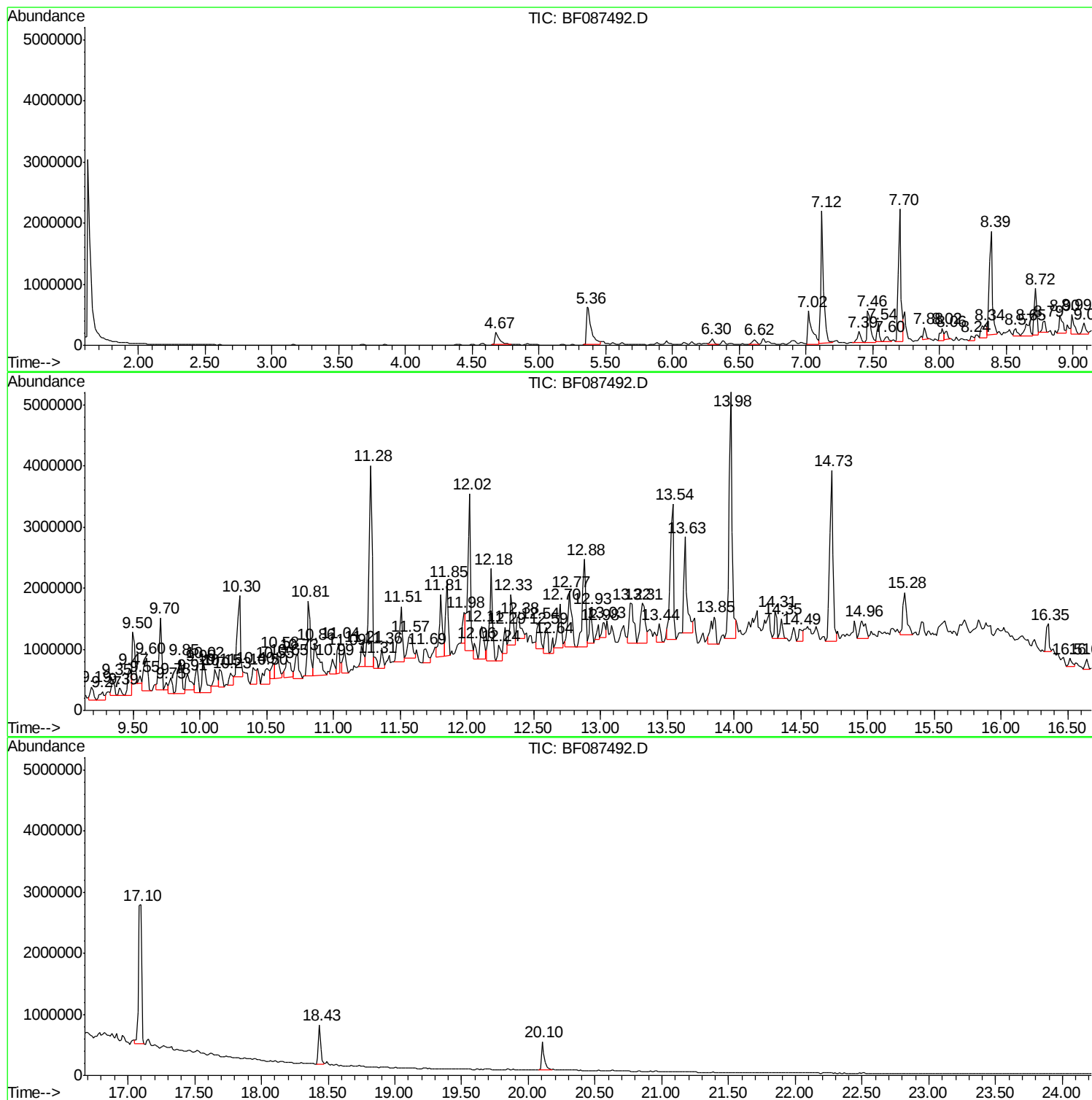
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P



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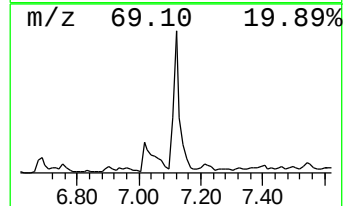
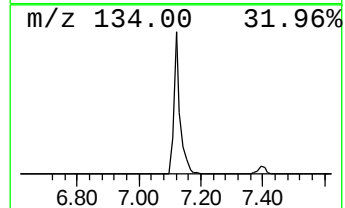
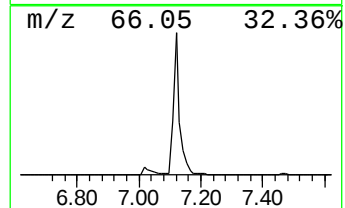
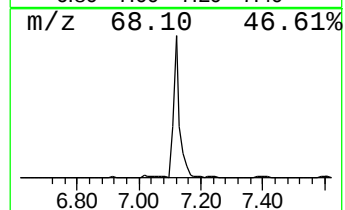
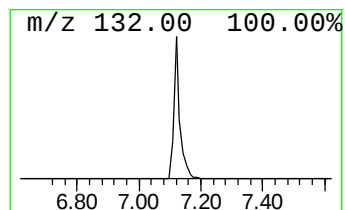
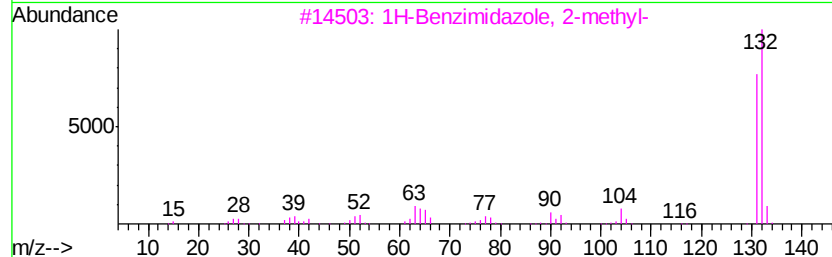
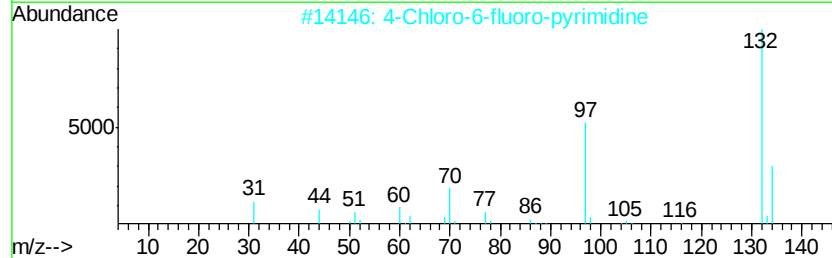
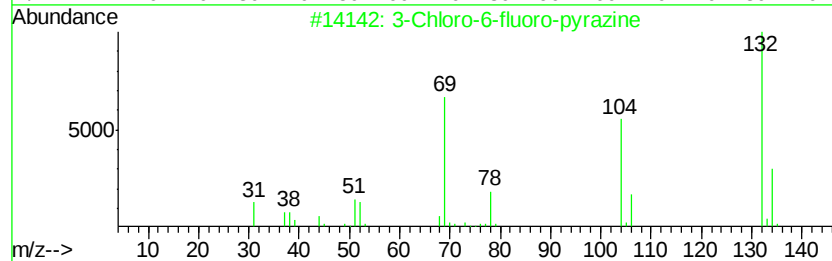
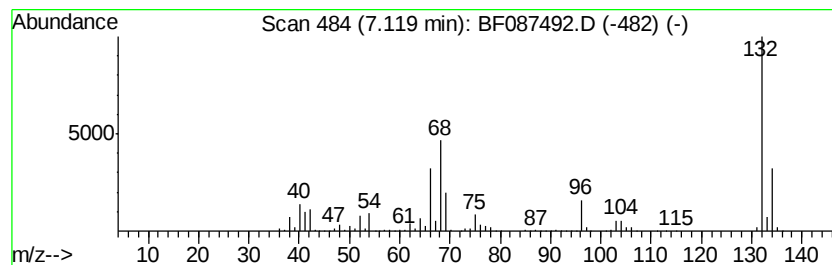
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 unknown7.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.12	63.81 ng	3095400	1,4-Dichlorobenzene-d4	7.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3		1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12



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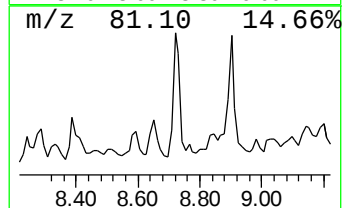
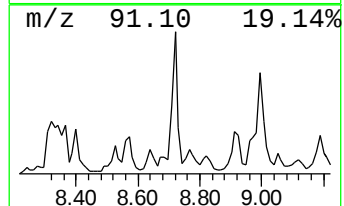
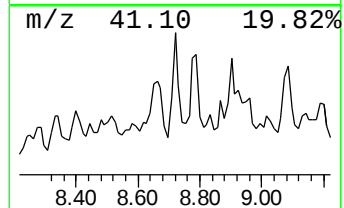
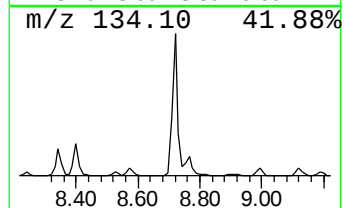
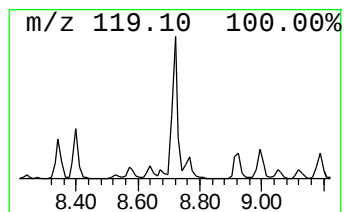
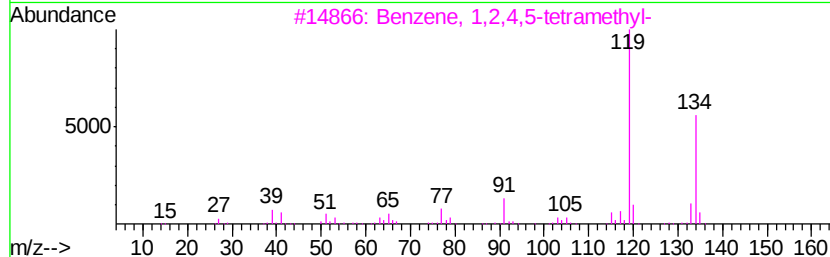
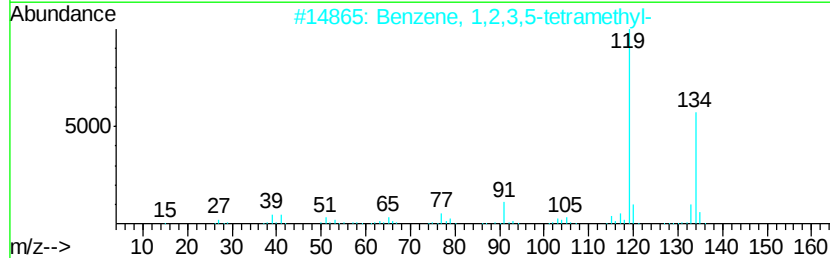
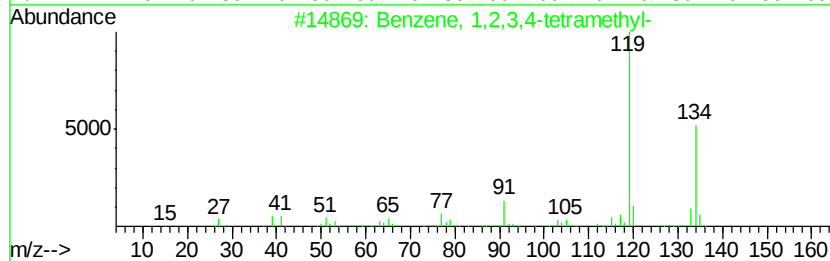
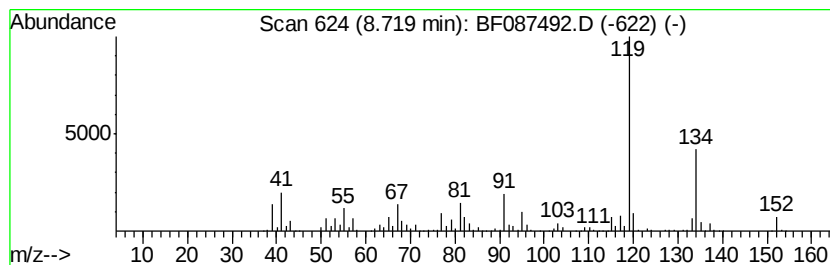
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TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.72	15.27 ng	955721	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
2		Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	93
3		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	93
4		Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	93
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87



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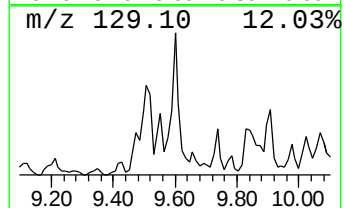
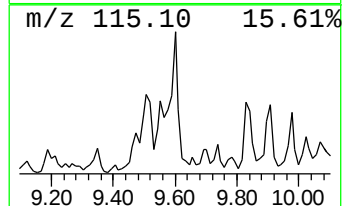
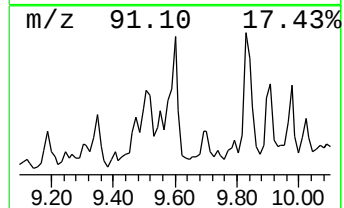
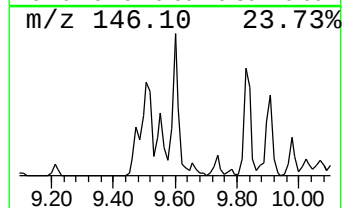
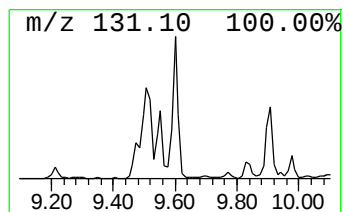
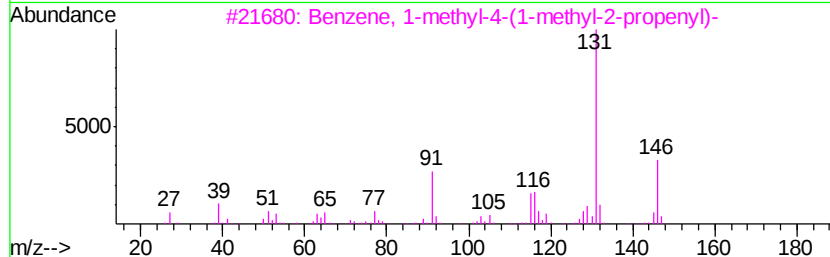
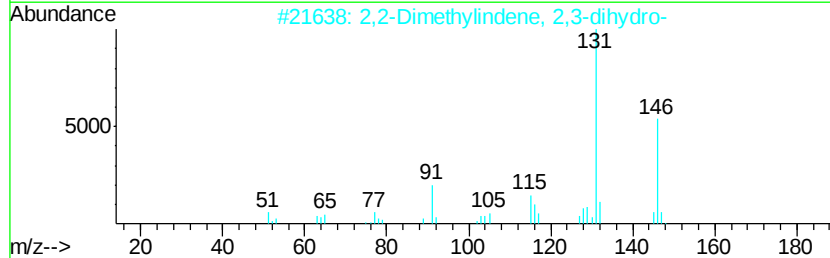
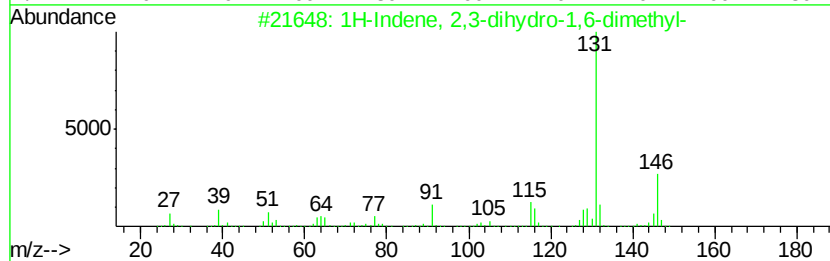
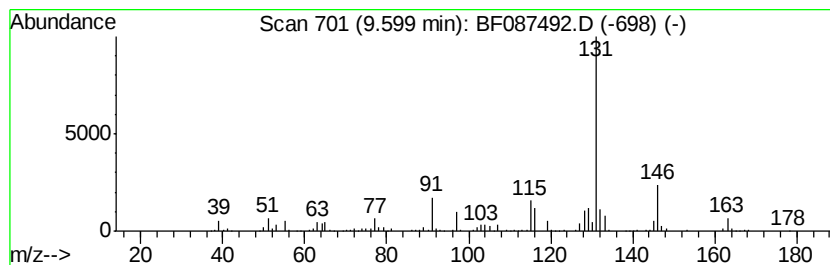
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Peak Number 4 1H-Indene, 2,3-dihydro-1,6-... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.60	17.70 ng	1107530	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	93
2		2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	91
3		Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	91
4		Benzene, 1-methyl-2-(1-methyl-2-...	146	C11H14	097664-19-2	87
5		1H-Indene, 2,3-dihydro-1,1-dimet...	146	C11H14	004912-92-9	87



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
Operator : UM/SJ
Sample : H3276-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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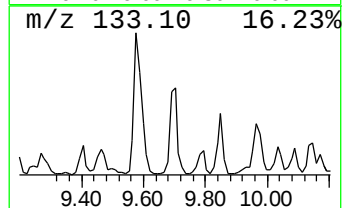
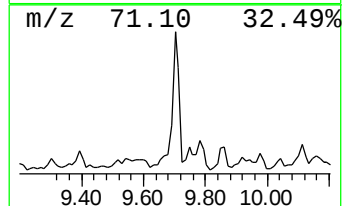
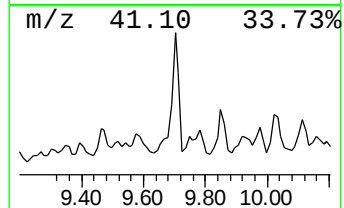
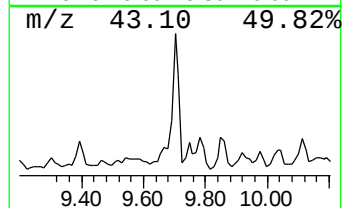
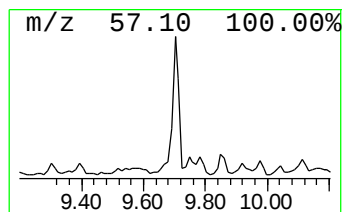
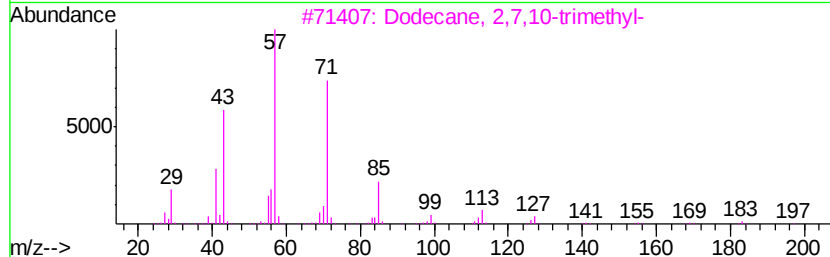
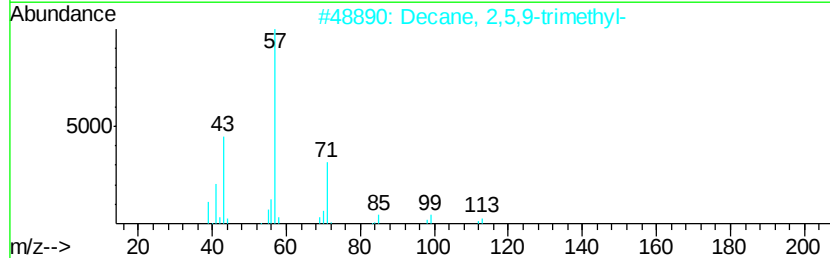
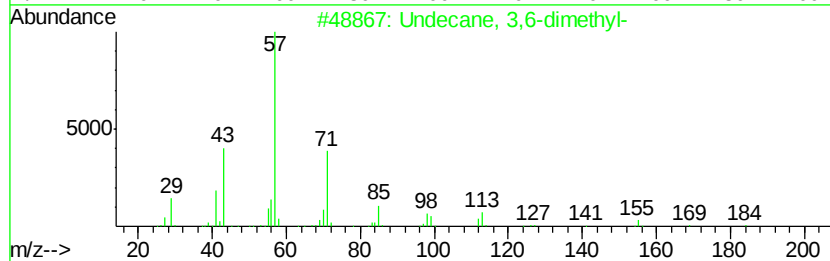
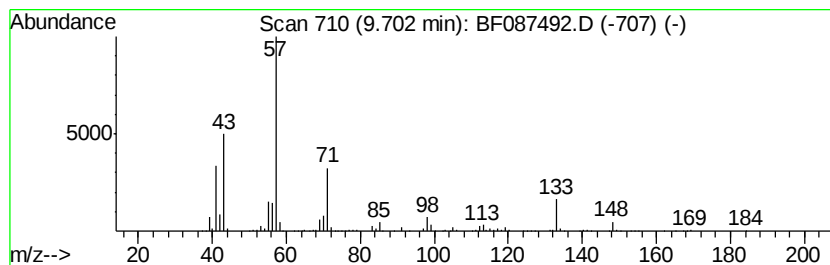
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Undecane, 3,6-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	28.18 ng	1763870	Napthalene-d8	9.50

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	58	
2	Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	53	
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	50	
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	50	
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	50	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
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Misc :
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Instrument :
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ClientSampleId :
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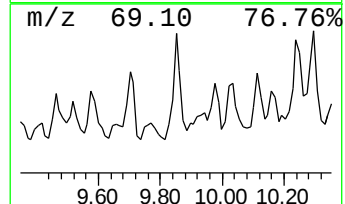
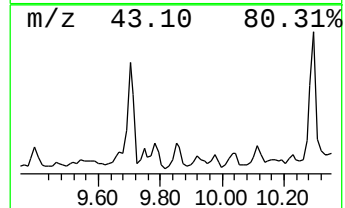
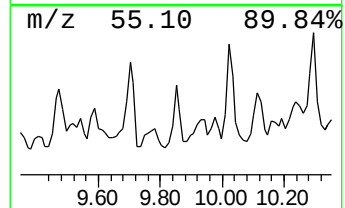
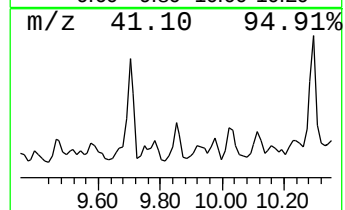
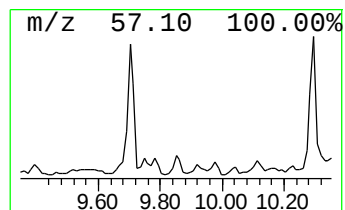
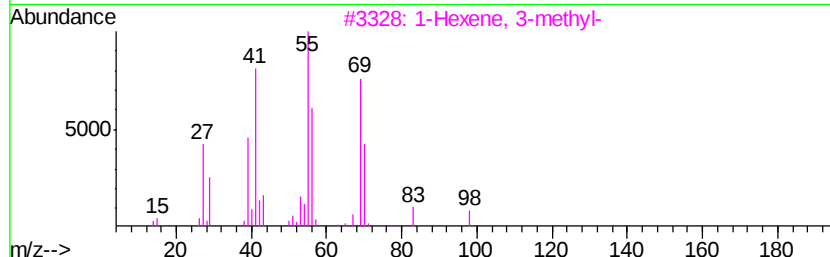
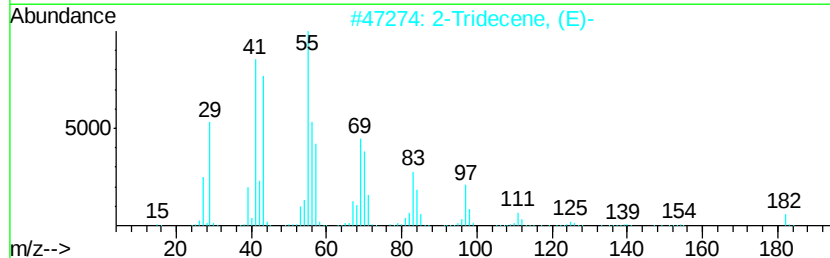
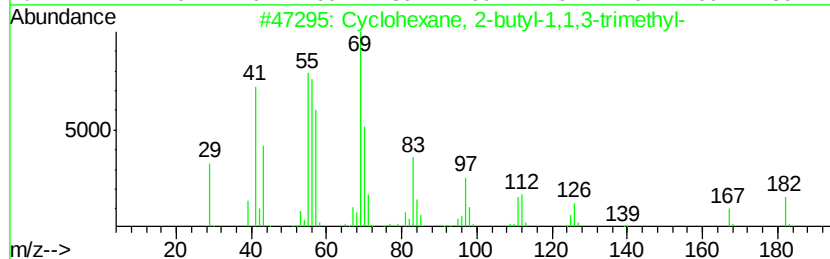
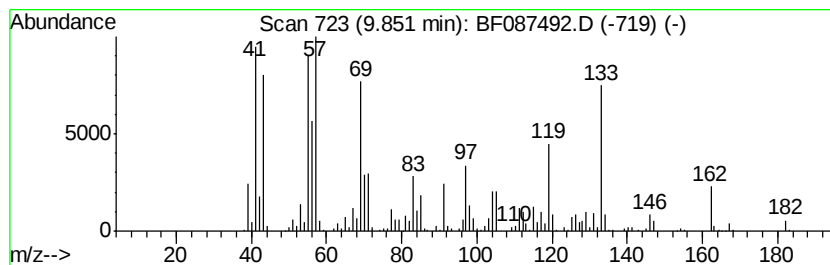
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 unknown9.85 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	19.51 ng	1221160	Naphthalene-d8	9.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	42
2			2-Tridecene, (E)-	182	C13H26	041446-58-6	30
3			1-Hexene, 3-methyl-	98	C7H14	003404-61-3	30
4			trans-2,2-Dimethyl-4-heptenal	140	C9H16O	091296-58-1	30
5			Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
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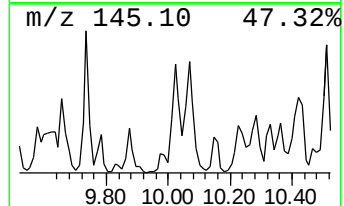
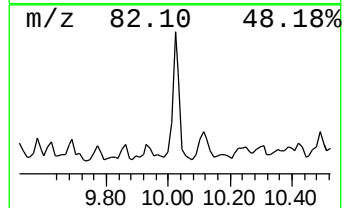
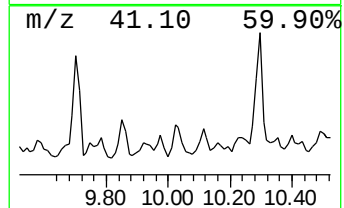
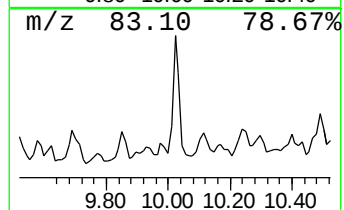
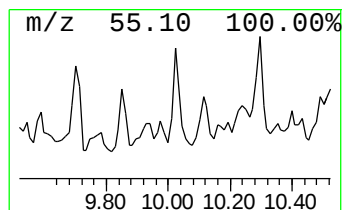
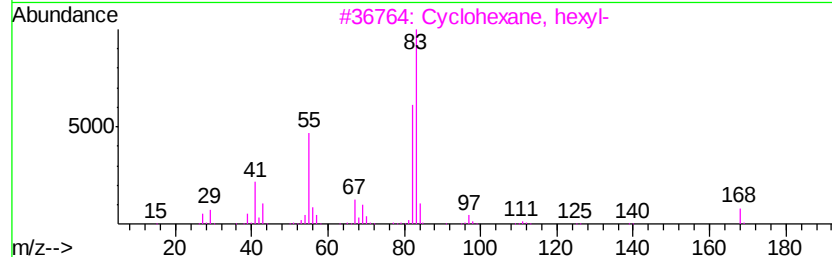
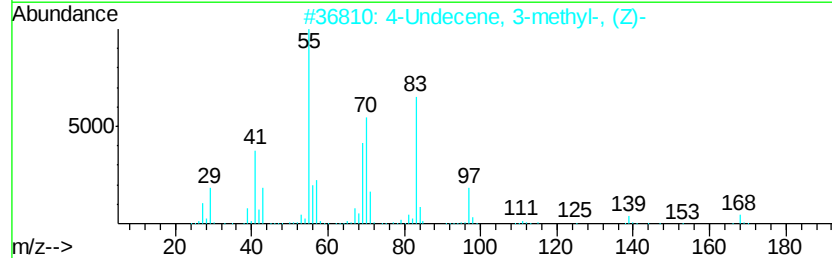
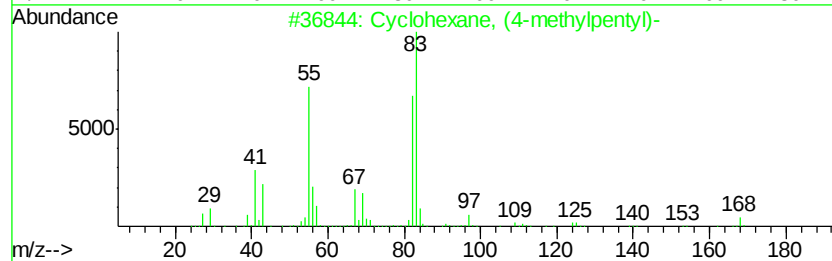
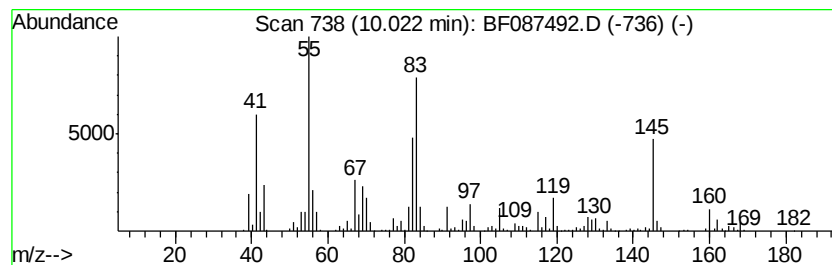
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 Cyclohexane, (4-methylpentyl)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.02	17.47 ng	1093360	Napthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	52
2		4-Undecene, 3-methyl-, (Z)-	168	C12H24	074645-87-7	43
3		Cyclohexane, hexyl-	168	C12H24	004292-75-5	43
4		3-Undecene, 3-methyl-	168	C12H24	023381-94-4	43
5		3,4-Dimethyl-2-hexene	112	C8H16	002213-37-8	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Acq On : 28 May 2016 22:20
Operator : UM/SJ
Sample : H3276-05
Misc :
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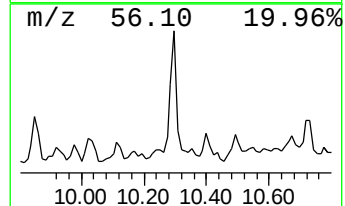
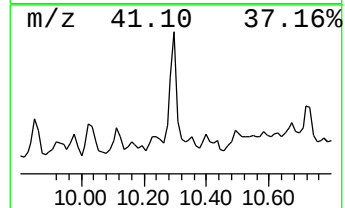
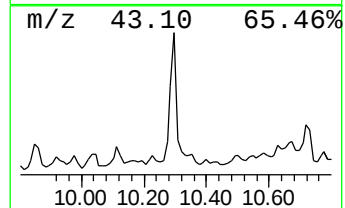
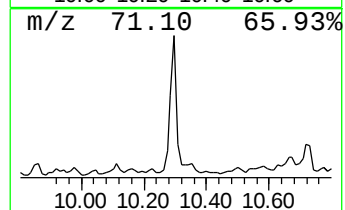
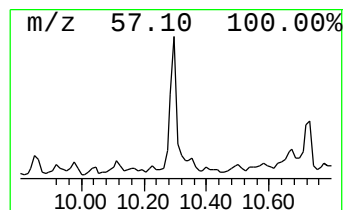
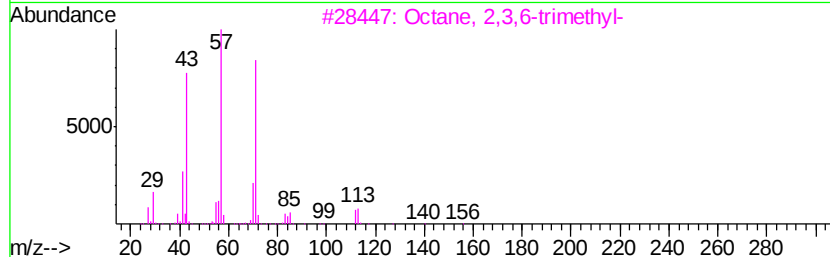
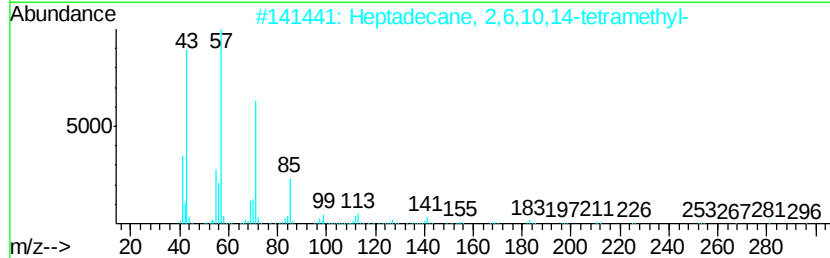
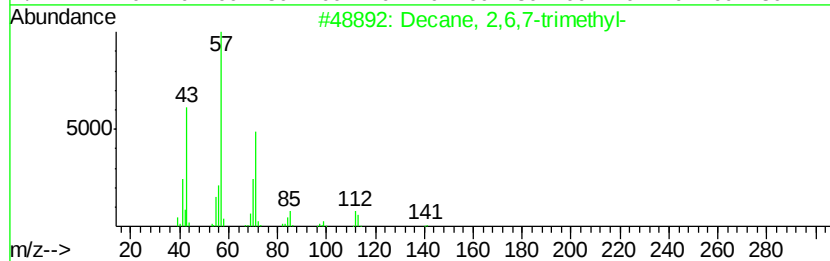
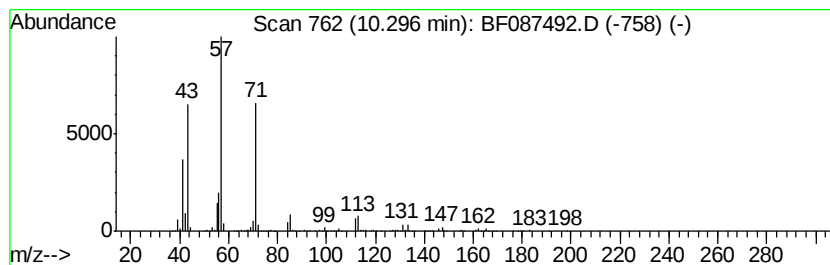
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Decane, 2,6,7-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	35.45 ng	2218380	Napthalene-d8	9.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2,6,7-trimethyl-	184 C13H28	062108-25-2	83
2	Heptadecane, 2,6,10,14-tetramethyl-	296 C21H44	018344-37-1	72
3	Octane, 2,3,6-trimethyl-	156 C11H24	062016-33-5	64
4	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	64
5	Sulfurous acid, 2-ethylhexyl und...	348 C19H40O3S	1000309-19-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
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ClientSampleId :
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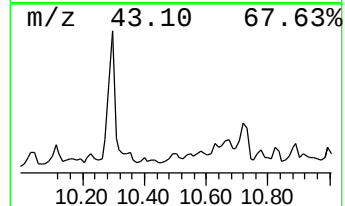
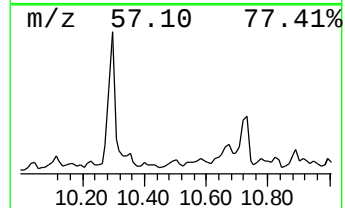
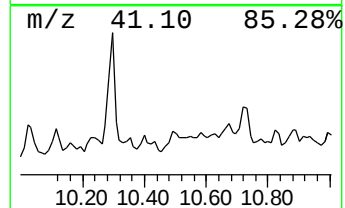
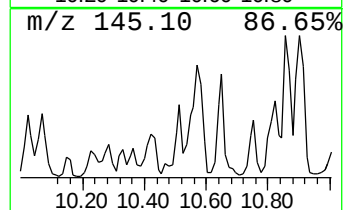
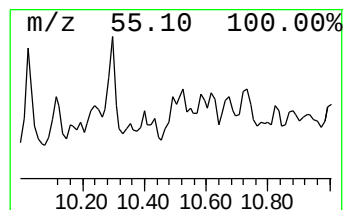
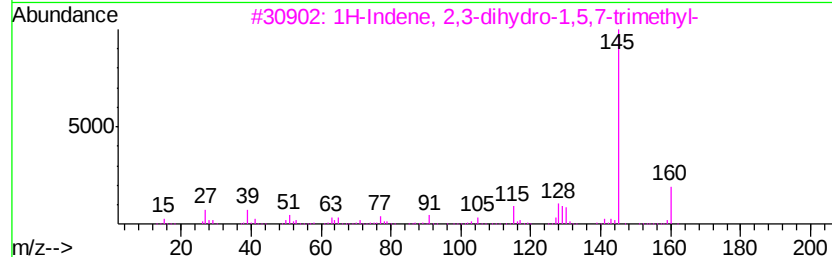
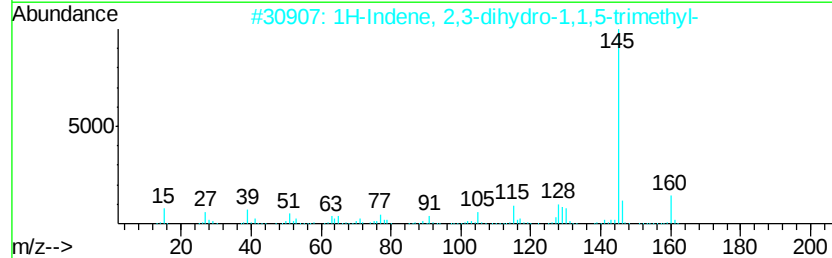
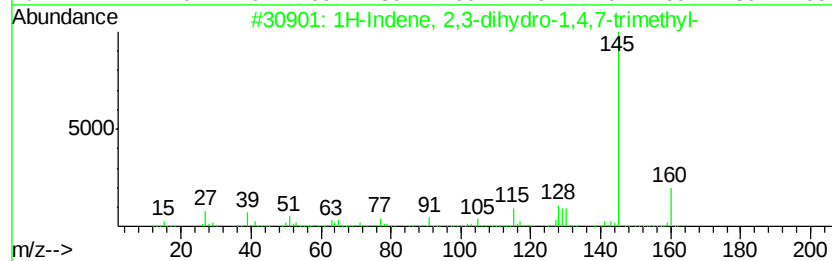
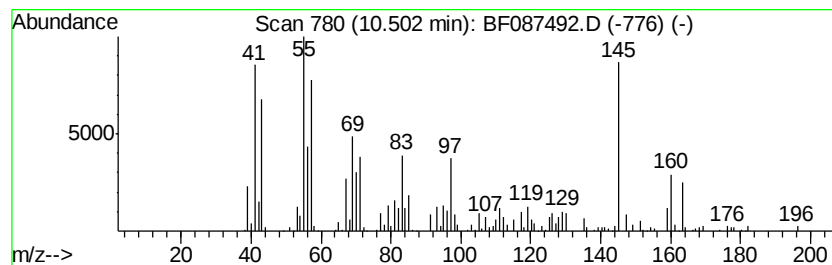
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown10.50 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	13.63 ng	853271	Naphthalene-d8	9.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,4,7-tri...	160	C12H16	054340-87-3	38
2		1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	38
3		1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	38
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38
5		Trichloroacetic acid, 2-tetradec...	358	C16H29Cl3O2	1000282-06-6	30



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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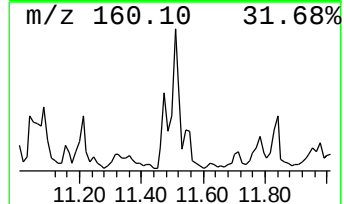
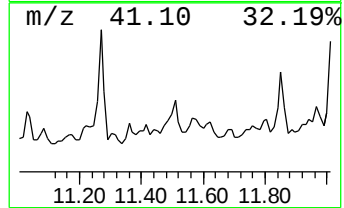
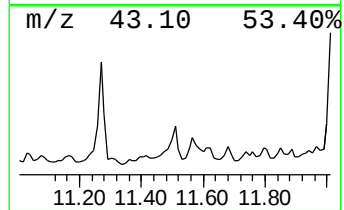
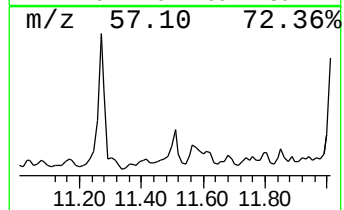
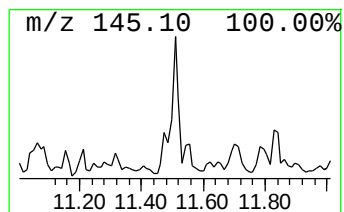
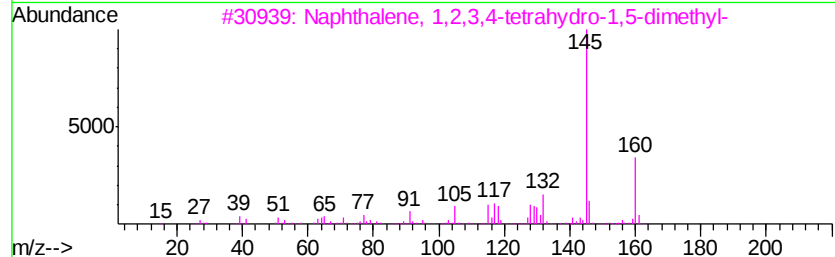
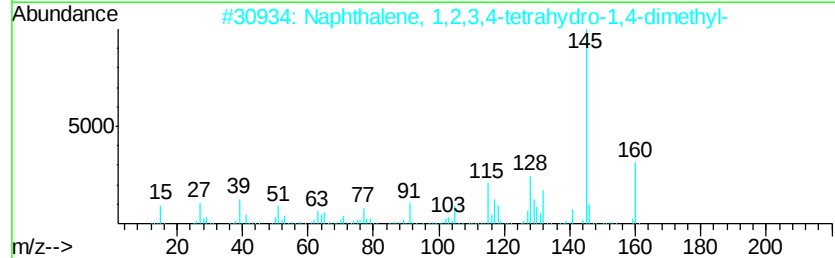
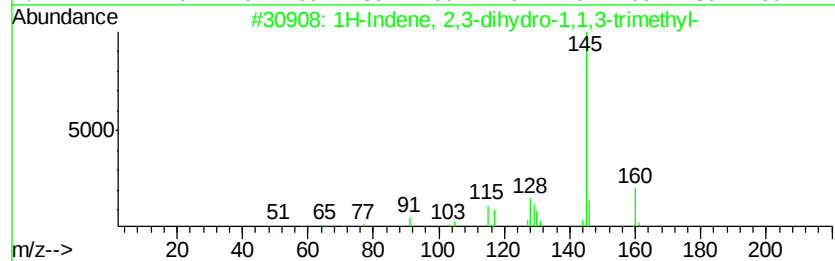
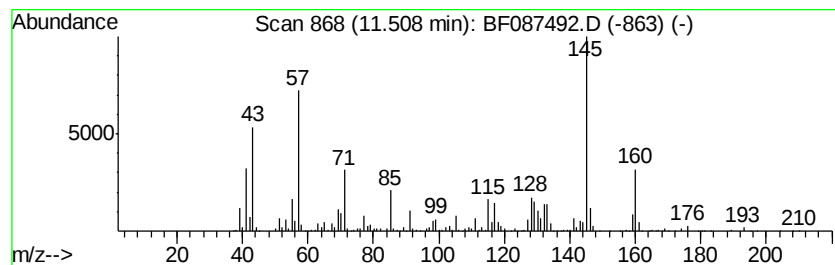
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.51	25.99 ng	1819970	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	87
4		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	70
5		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	70



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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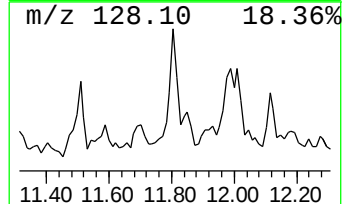
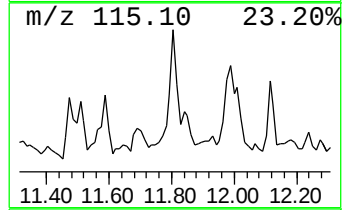
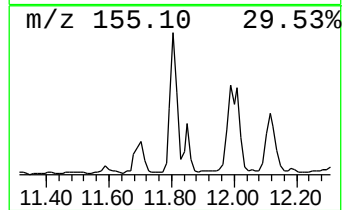
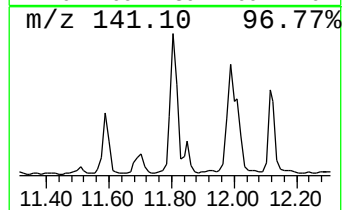
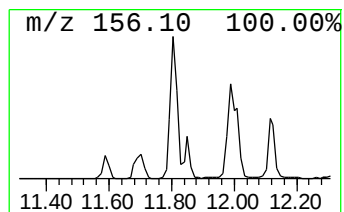
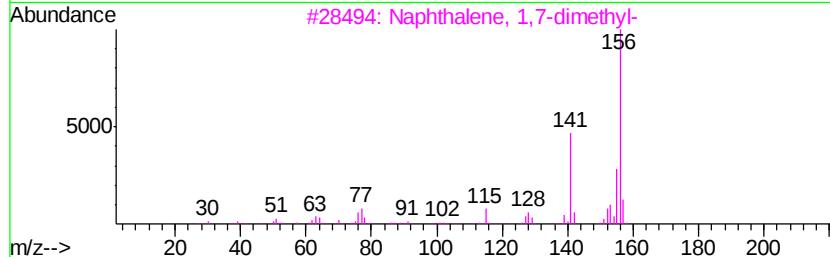
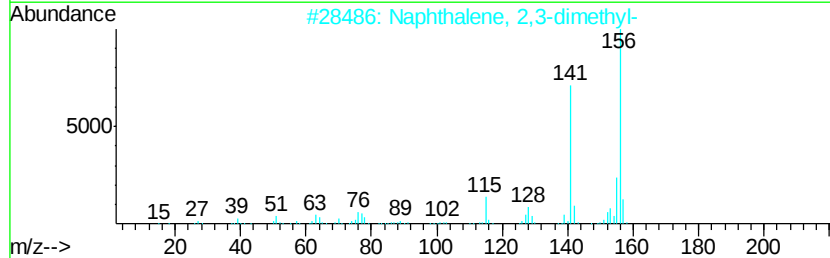
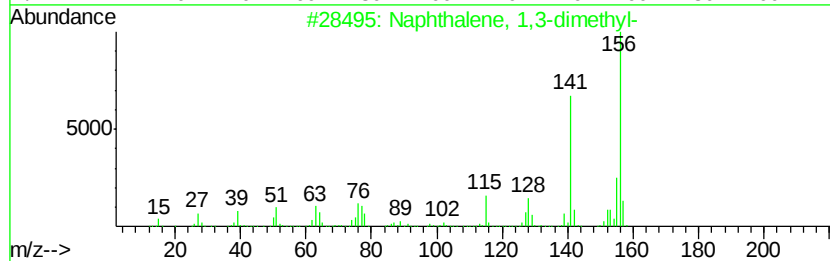
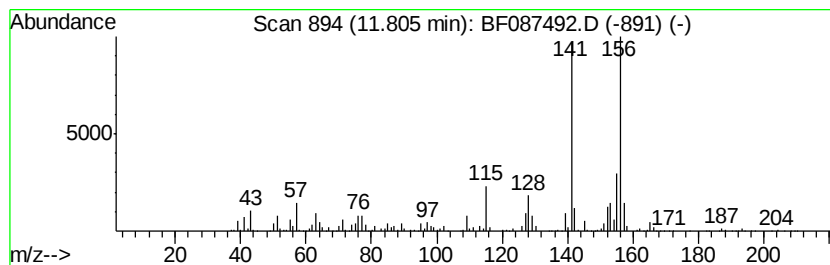
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 11 Naphthalene, 1,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	23.82 ng	1667930	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
Operator : UM/SJ
Sample : H3276-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

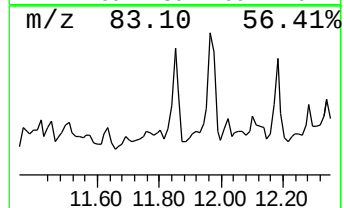
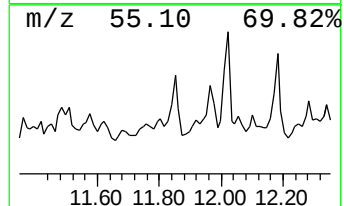
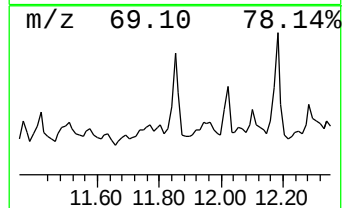
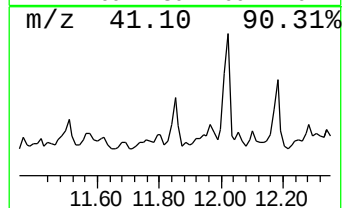
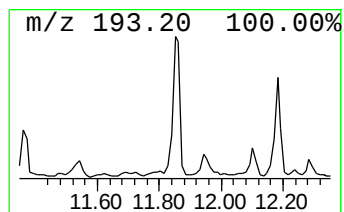
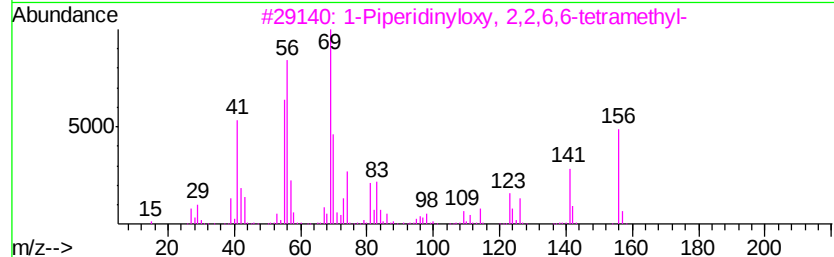
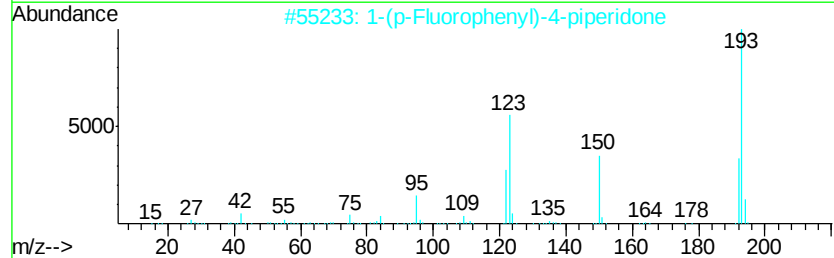
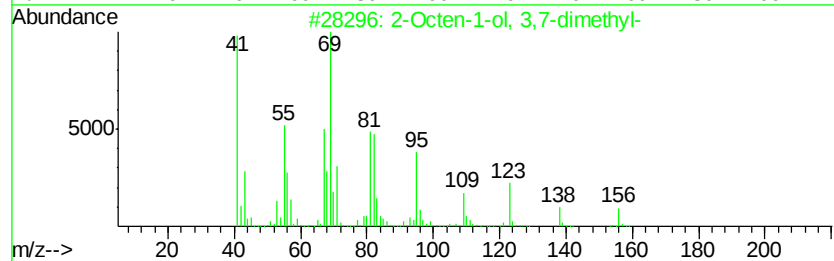
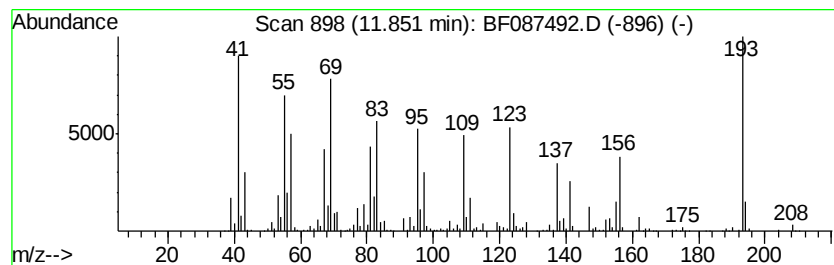
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 12 unknown11.85 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.85	24.73 ng	1731740	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Octen-1-ol, 3,7-dimethyl-	156	C10H20O	040607-48-5	49
2		1-(p-Fluorophenyl)-4-piperidone	193	C11H12FNO	1000238-56-7	22
3		1-Piperidinyloxy, 2,2,6,6-tetram...	156	C9H18NO	002564-83-2	22
4		Geraniol	154	C10H18O	000106-24-1	11
5		Bicyclo[3.1.1]heptan-3-one, 2,6,...	152	C10H16O	015358-88-0	11



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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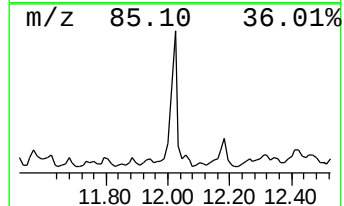
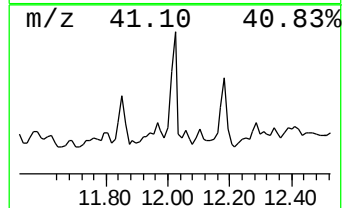
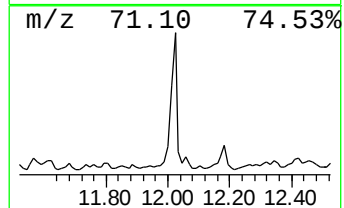
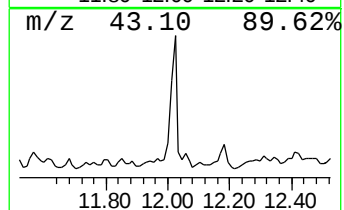
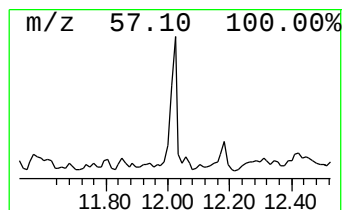
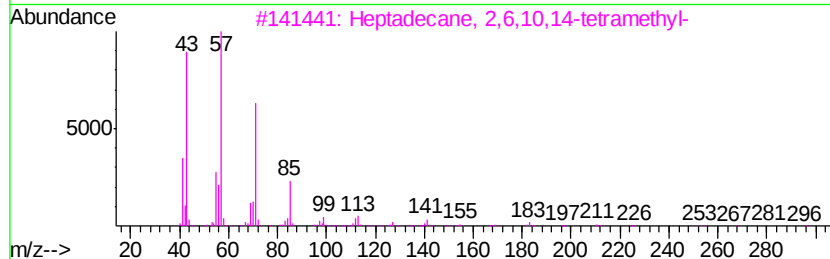
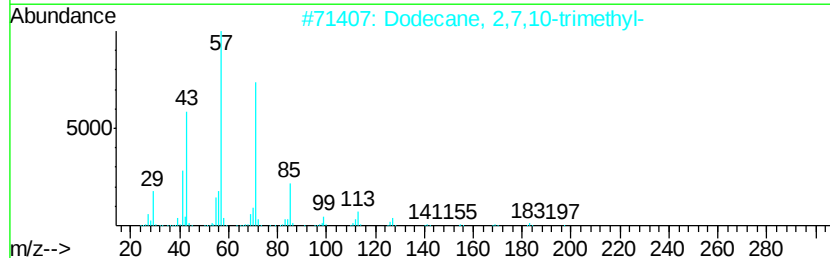
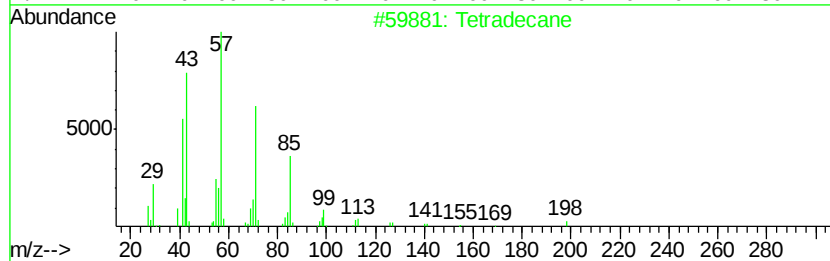
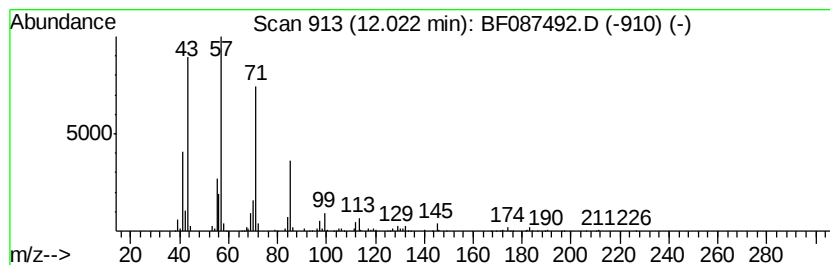
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 13 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.02	51.01 ng	3572390	Acenaphthene-d10	12.33	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
3	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	83
4	Dodecane	170	C12H26	000112-40-3	83
5	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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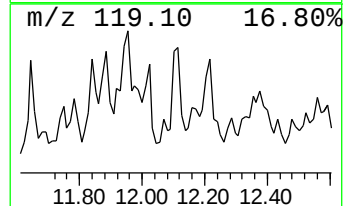
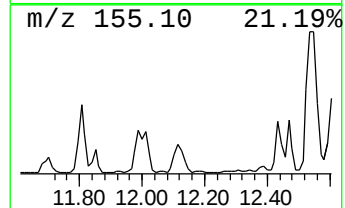
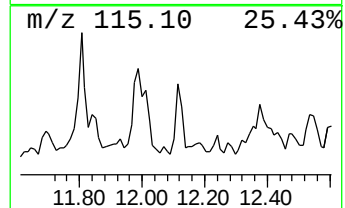
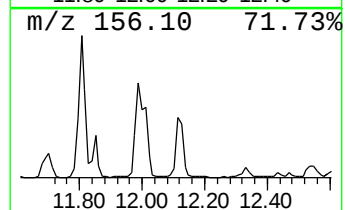
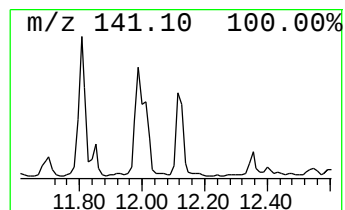
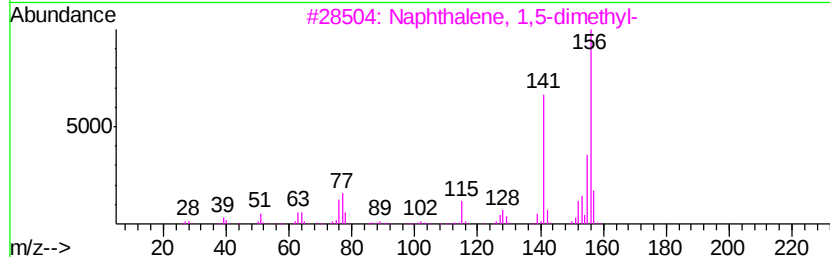
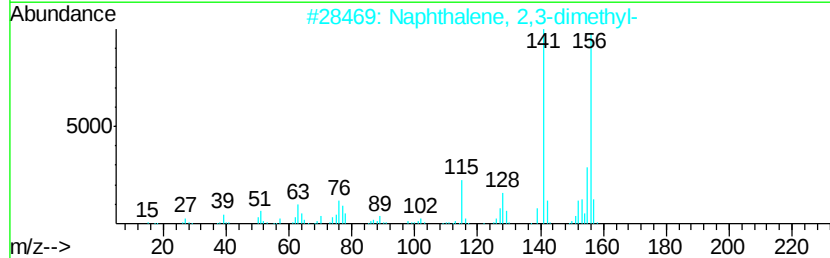
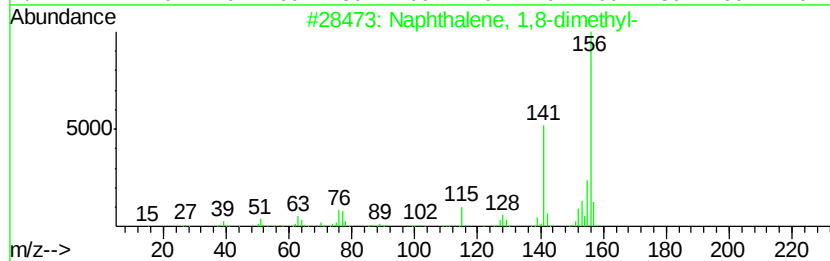
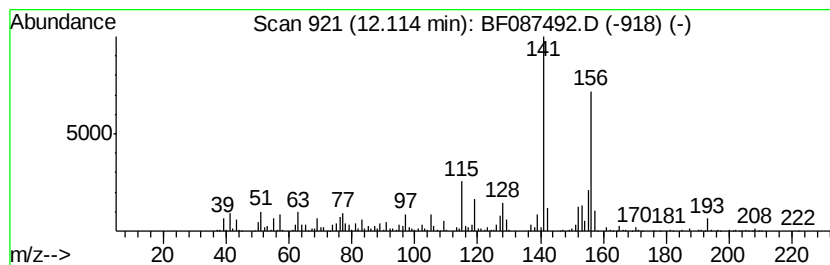
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 14 Naphthalene, 1,8-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.11	15.18 ng	1062780	Acenaphthene-d10	12.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
4			Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
5			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
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Misc :
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Instrument :
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ClientSampleId :
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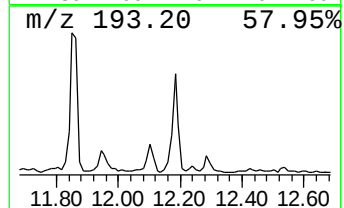
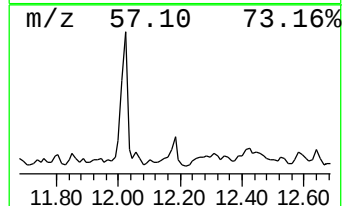
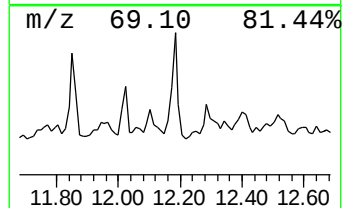
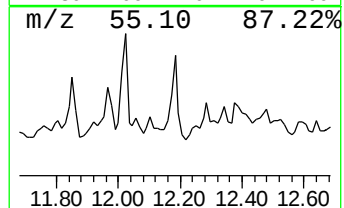
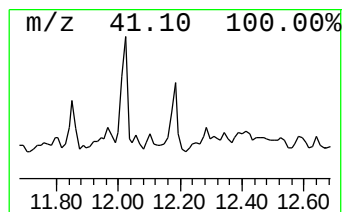
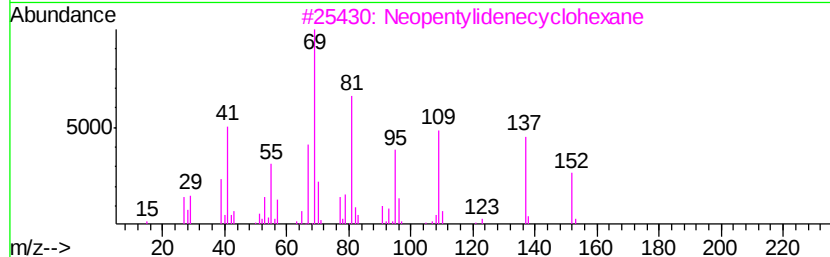
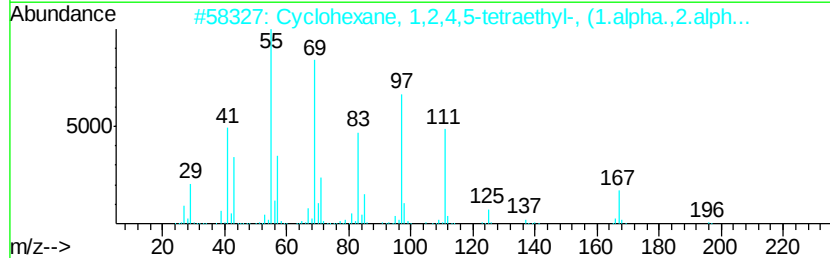
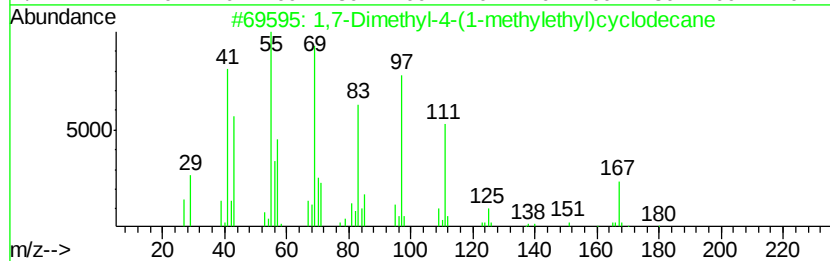
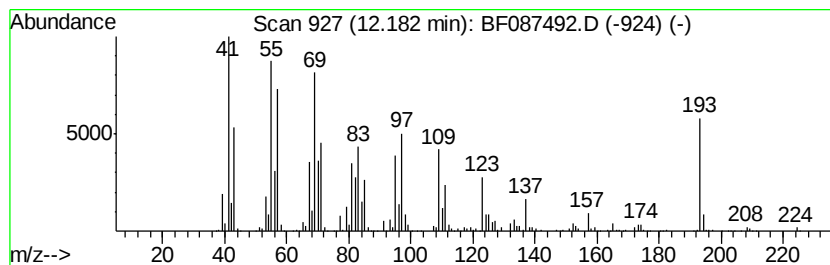
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 unknown12.18 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	32.00 ng	2241280	Acenaphthene-d10	12.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	43
2		Cyclohexane, 1,2,4,5-tetraethyl-...	196	C14H28	061142-24-3	41
3		Neopentylidenecyclohexane	152	C11H20	039546-80-0	27
4		6-Octen-1-ol, 3,7-dimethyl-, for...	184	C11H20O2	000105-85-1	27
5		6-Nitroundec-5-ene	199	C11H21NO2	1000192-40-3	27



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
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Misc :
ALS Vial : 19 Sample Multiplier: 1

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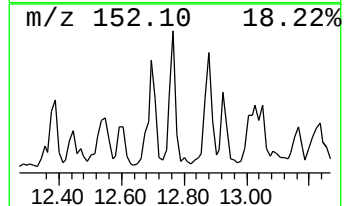
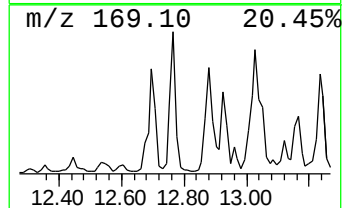
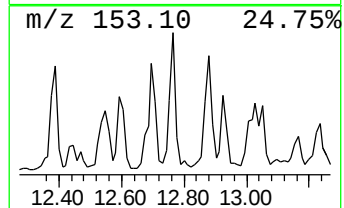
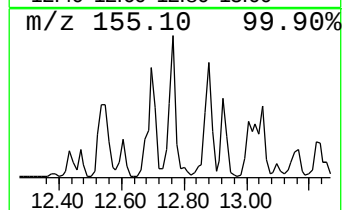
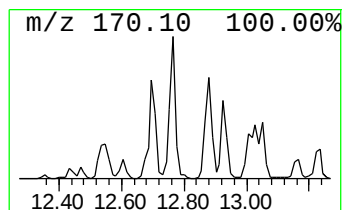
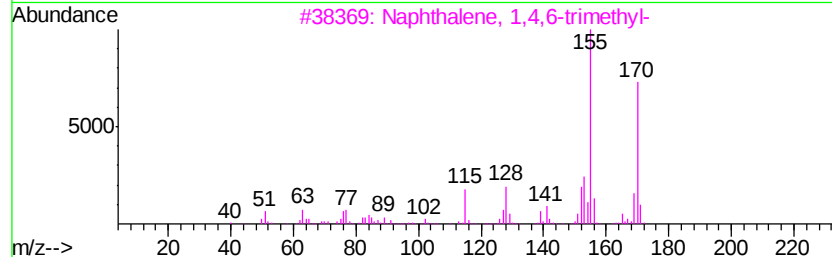
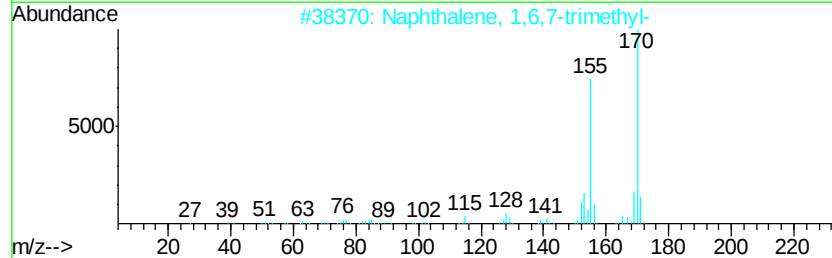
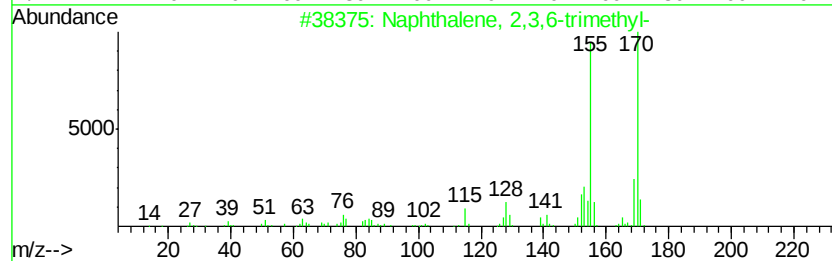
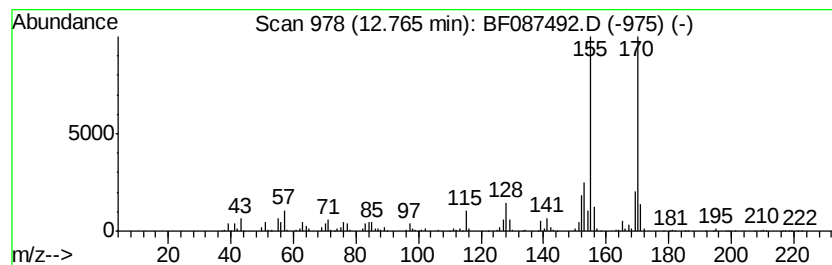
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 16 Naphthalene, 2,3,6-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.77	25.85 ng	1810160	Acenaphthene-d10	12.33

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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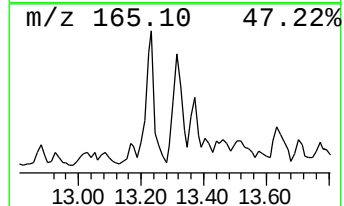
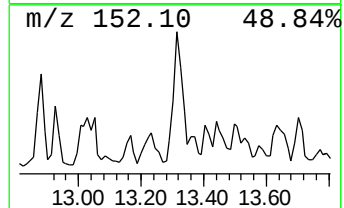
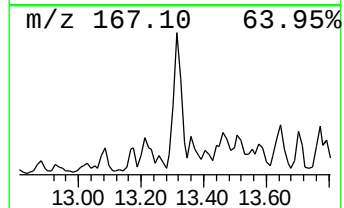
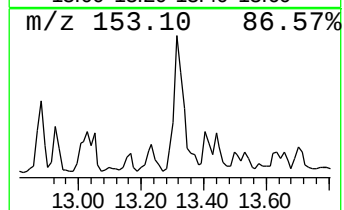
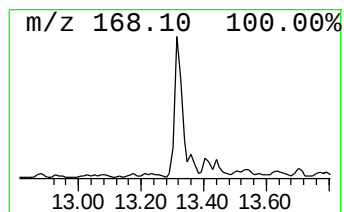
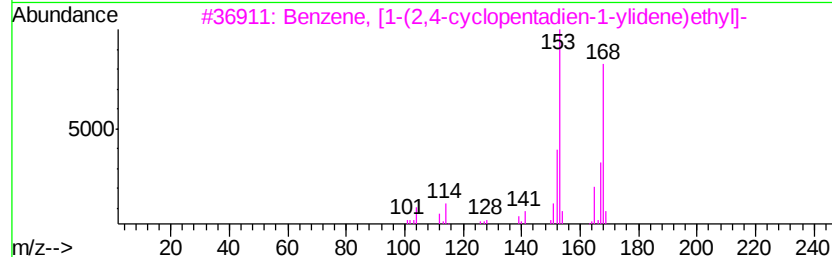
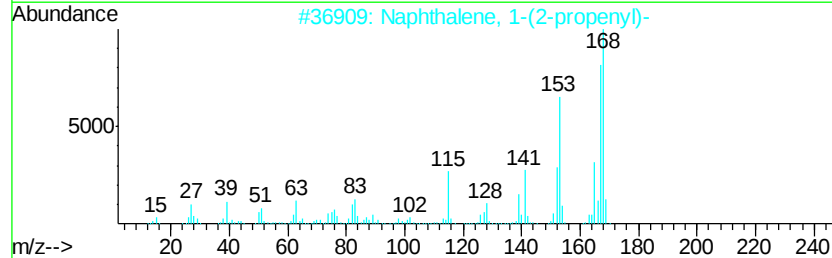
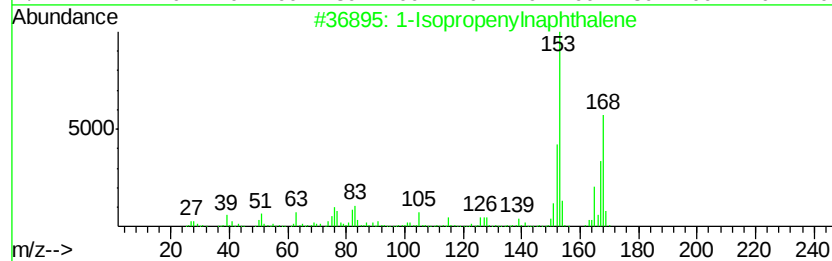
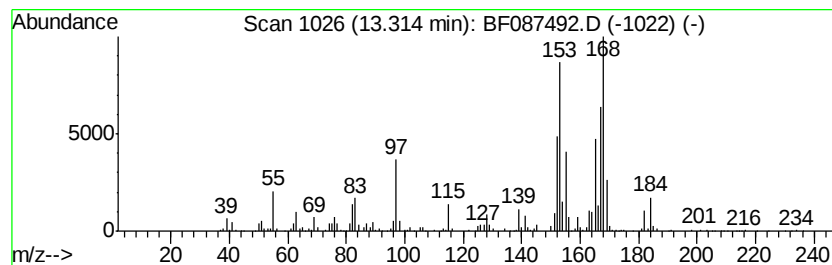
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 1-Isopropenylnaphthalene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.31	23.61 ng	1653350	Acenaphthene-d10		12.33	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1-Isopropenylnaphthalene	168	C13H12	001855-47-6	60
2		Naphthalene, 1-(2-propenyl)-	168	C13H12	002489-86-3	53
3		Benzene, [1-(2,4-cyclopentadien-...	168	C13H12	002320-32-3	47
4		1,1'-Biphenyl, 2-methyl-	168	C13H12	000643-58-3	42
5		1,1'-Biphenyl, 4-methyl-	168	C13H12	000644-08-6	38



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
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Sample : H3276-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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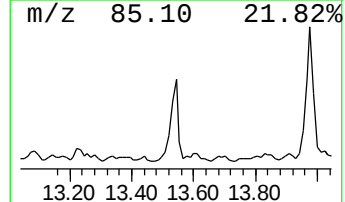
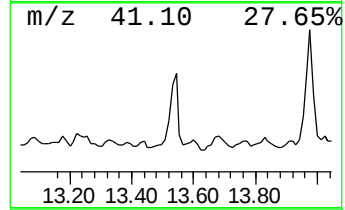
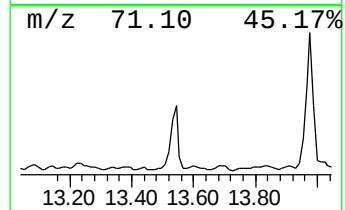
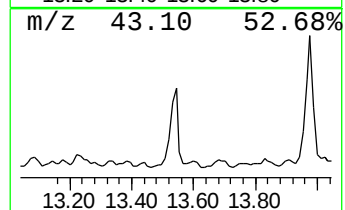
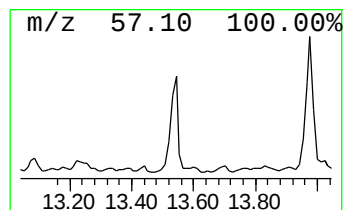
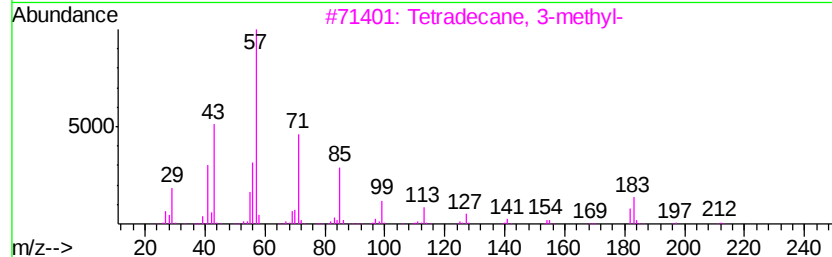
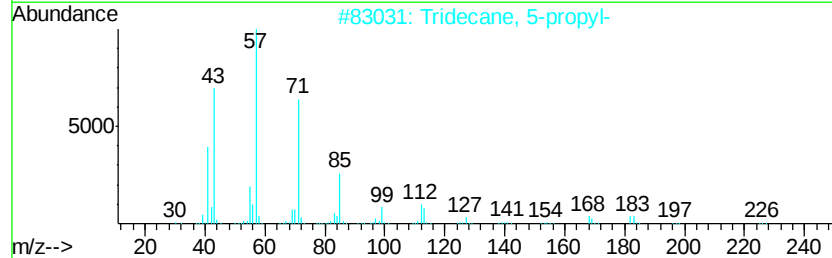
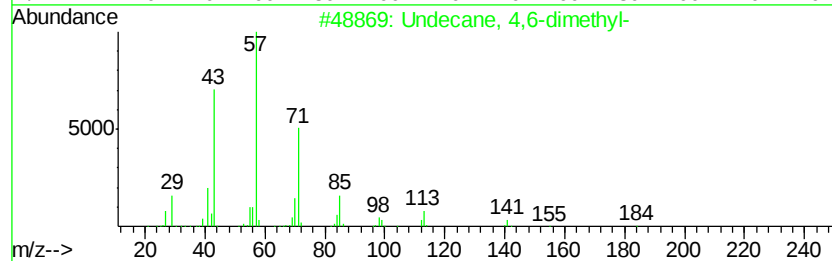
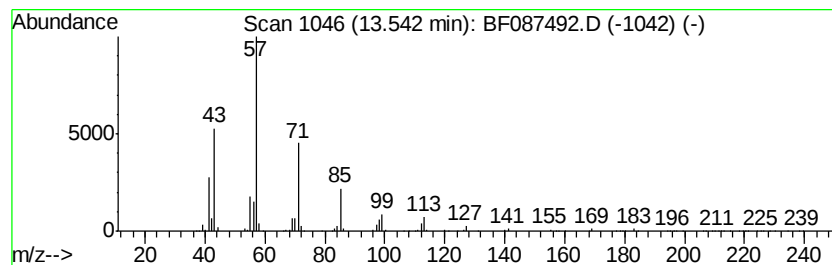
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 19 Undecane, 4,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	15.77 ng	3763150	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	83
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3		Tetradecane, 3-methyl-	212	C15H32	018435-22-8	74
4		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
5		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
Data File : BF087492.D
Acq On : 28 May 2016 22:20
Operator : UM/SJ
Sample : H3276-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-03

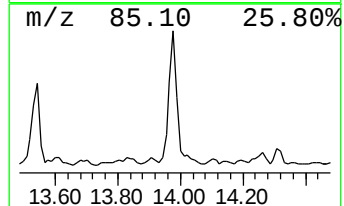
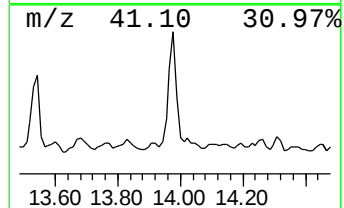
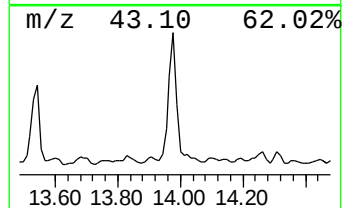
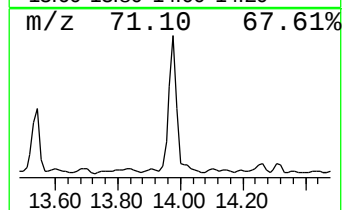
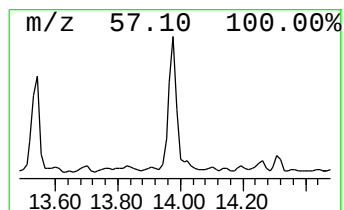
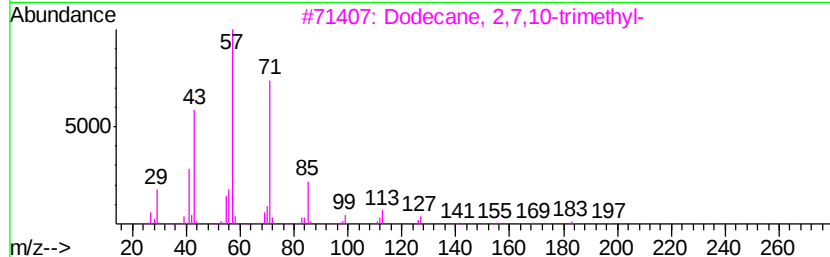
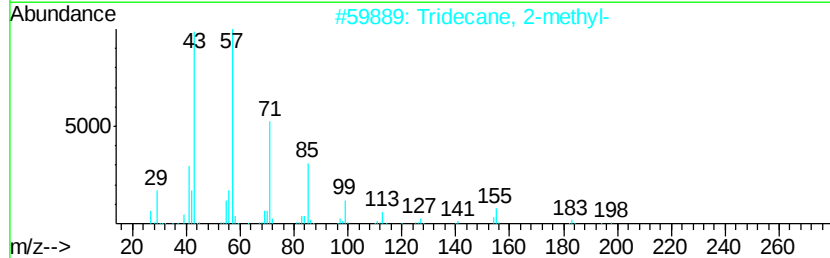
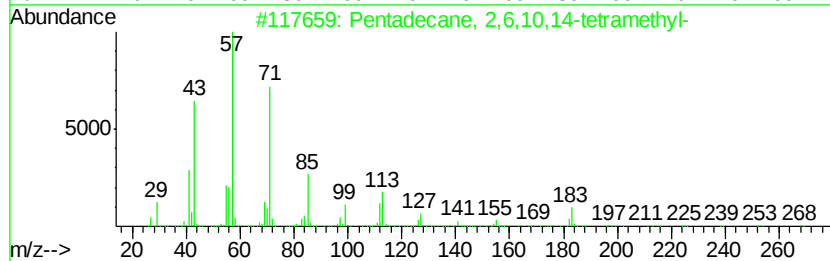
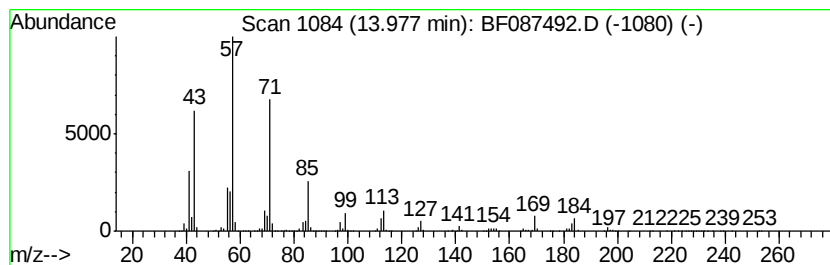
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 20 Pentadecane, 2,6,10,14-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.98	28.41 ng	6777470	Phenanthrene-d10	14.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
4		Pentadecane, 4-methyl-	226	C16H34	002801-87-8	76
5		Heptadecane, 7-methyl-	254	C18H38	020959-33-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF052816\
 Data File : BF087492.D
 Acq On : 28 May 2016 22:20
 Operator : UM/SJ
 Sample : H3276-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-03

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
 TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown7.12	7.12	63.8	ng	3095400	1	7.46	970192	20.0
Benzene, 1,2,3,4-...	8.72	15.3	ng	955721	2	9.50	1251730	20.0
1H-Indene, 2,3-di...	9.60	17.7	ng	1107530	2	9.50	1251730	20.0
Undecane, 3,6-dim...	9.70	28.2	ng	1763870	2	9.50	1251730	20.0
unknown9.85	9.85	19.5	ng	1221160	2	9.50	1251730	20.0
Cyclohexane, (4-m...	10.02	17.5	ng	1093360	2	9.50	1251730	20.0
Decane, 2,6,7-tri...	10.30	35.5	ng	2218380	2	9.50	1251730	20.0
unknown10.50	10.50	13.6	ng	853271	2	9.50	1251730	20.0
1H-Indene, 2,3-di...	11.51	26.0	ng	1819970	3	12.33	1400590	20.0
Naphthalene, 1,3-...	11.81	23.8	ng	1667930	3	12.33	1400590	20.0
unknown11.85	11.85	24.7	ng	1731740	3	12.33	1400590	20.0
Tetradecane	12.02	51.0	ng	3572390	3	12.33	1400590	20.0
Naphthalene, 1,8-...	12.11	15.2	ng	1062780	3	12.33	1400590	20.0
unknown12.18	12.18	32.0	ng	2241280	3	12.33	1400590	20.0
Naphthalene, 2,3,...	12.77	25.9	ng	1810160	3	12.33	1400590	20.0
1-Isopropenylnaph...	13.31	23.6	ng	1653350	3	12.33	1400590	20.0
Undecane, 4,6-dim...	13.54	15.8	ng	3763150	4	14.74	4771590	20.0
Pentadecane, 2,6,...	13.98	28.4	ng	6777470	4	14.74	4771590	20.0