

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
 Data File : BF101335.D
 Acq On : 12 Dec 2017 17:43
 Operator : SJ/JU
 Sample : I6822-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-1(0-2)

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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	4.404	391	394	411	rBV	122618	152094	3.38%	0.279%
2	5.045	497	503	506	rBV	638768	846486	18.79%	1.554%
3	6.457	740	743	752	rBV	695355	755499	16.77%	1.387%
4	6.592	763	766	772	rVB	242776	204238	4.53%	0.375%
5	6.645	772	775	778	rBV2	260240	234302	5.20%	0.430%
6	6.822	802	805	808	rVB	400298	312651	6.94%	0.574%
7	6.981	825	832	837	rVB	997851	941512	20.89%	1.728%
8	7.087	845	850	853	rBV4	93913	111943	2.48%	0.205%
9	7.151	857	861	866	rVB2	105132	131532	2.92%	0.241%
10	7.198	866	869	874	rBV2	96248	124373	2.76%	0.228%
11	7.351	890	895	898	rBV2	106545	124259	2.76%	0.228%
12	7.392	898	902	903	rVV	742611	677000	15.02%	1.243%
13	7.410	903	905	909	rVB	624493	478715	10.62%	0.879%
14	7.463	909	914	917	rBV4	103603	138506	3.07%	0.254%
15	7.516	917	923	927	rBV4	76540	150935	3.35%	0.277%
16	7.716	955	957	959	rVV	134623	121475	2.70%	0.223%
17	7.739	959	961	965	rVV2	97865	139661	3.10%	0.256%
18	7.781	965	968	970	rVV2	166274	194281	4.31%	0.357%
19	7.810	970	973	976	rVV3	147254	164250	3.65%	0.301%
20	7.845	976	979	982	rVV2	308955	319515	7.09%	0.586%
21	7.892	984	987	988	rVV	146260	125823	2.79%	0.231%
22	8.051	1009	1014	1015	rBV3	101375	127938	2.84%	0.235%
23	8.081	1015	1019	1021	rVV	1165158	1007090	22.35%	1.849%
24	8.104	1021	1023	1025	rVV	395115	388402	8.62%	0.713%
25	8.128	1025	1027	1029	rVV	228816	208002	4.62%	0.382%
26	8.157	1029	1032	1035	rVB	558927	474054	10.52%	0.870%
27	8.186	1035	1037	1040	rBV3	141100	149761	3.32%	0.275%
28	8.392	1064	1072	1077	rBV4	353738	631405	14.01%	1.159%
29	8.439	1077	1080	1083	rBV3	191444	183226	4.07%	0.336%
30	8.475	1083	1086	1090	rVB2	312264	281380	6.24%	0.516%
31	8.522	1090	1094	1096	rBV	831527	727526	16.15%	1.335%
32	8.639	1111	1114	1117	rBV5	76309	111511	2.47%	0.205%
33	8.692	1119	1123	1126	rBV	1654116	1513857	33.60%	2.779%
34	8.733	1127	1130	1131	rBV4	102207	117053	2.60%	0.215%

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35	8.786	1136	1139	1142	rVB	300232	309593	6.87%	0.568%
36	8.822	1142	1145	1148	rBV	470818	404674	8.98%	0.743%
37	8.886	1152	1156	1157	rBV3	116849	158906	3.53%	0.292%
38	8.922	1160	1162	1165	rVB	209894	160051	3.55%	0.294%
39	8.975	1168	1171	1172	rBV	272508	240618	5.34%	0.442%
40	9.010	1175	1177	1178	rVV	266360	245710	5.45%	0.451%
41	9.057	1181	1185	1189	rVB	429003	386364	8.57%	0.709%
42	9.098	1189	1192	1193	rBV	349490	290422	6.45%	0.533%
43	9.122	1193	1196	1199	rVV	995647	823833	18.28%	1.512%
44	9.181	1202	1206	1210	rBV	1258385	1220178	27.08%	2.240%
45	9.263	1215	1220	1223	rVV	2238220	2383200	52.89%	4.374%
46	9.298	1224	1226	1230	rVV3	257869	330648	7.34%	0.607%
47	9.333	1230	1232	1236	rVV3	162207	156392	3.47%	0.287%
48	9.375	1236	1239	1242	rVV2	140440	145656	3.23%	0.267%
49	9.445	1249	1251	1256	rBV	296762	362126	8.04%	0.665%
50	9.516	1257	1263	1268	rVV3	466922	997141	22.13%	1.830%
51	9.581	1270	1274	1276	rVV4	1641259	1956584	43.42%	3.591%
52	9.604	1276	1278	1281	rVB	527872	444511	9.86%	0.816%
53	9.639	1281	1284	1286	rBV2	471685	358243	7.95%	0.658%
54	9.728	1296	1299	1302	rBV3	252680	255972	5.68%	0.470%
55	9.798	1302	1311	1314	rBV	2821274	3250347	72.13%	5.966%
56	9.833	1314	1317	1318	rBV2	336293	320398	7.11%	0.588%
57	9.898	1326	1328	1331	rBV3	170073	139667	3.10%	0.256%
58	9.928	1331	1333	1337	rVB3	192245	205368	4.56%	0.377%
59	9.969	1337	1340	1344	rVB2	247264	291822	6.48%	0.536%
60	10.022	1345	1349	1352	rBV3	389754	625666	13.89%	1.148%
61	10.051	1352	1354	1356	rVV	464540	417624	9.27%	0.767%
62	10.080	1356	1359	1361	rVV2	390007	444162	9.86%	0.815%
63	10.110	1361	1364	1369	rVV2	987025	1243378	27.59%	2.282%
64	10.145	1369	1370	1374	rVB	353733	263923	5.86%	0.484%
65	10.186	1374	1377	1380	rBV2	273489	313927	6.97%	0.576%
66	10.233	1380	1385	1388	rVB2	284484	455146	10.10%	0.835%
67	10.298	1388	1396	1398	rBV	2769024	3392227	75.28%	6.227%
68	10.322	1398	1400	1402	rVV2	309752	297439	6.60%	0.546%
69	10.351	1402	1405	1410	rVB2	266936	391076	8.68%	0.718%
70	10.516	1427	1433	1439	rBV	1570171	2173634	48.24%	3.990%
71	10.563	1439	1441	1444	rVV2	398646	356836	7.92%	0.655%

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72	10.592	1444	1446	1450	rVV3	368082	446888	9.92%	0.820%
73	10.628	1450	1452	1455	rVB2	533410	470672	10.45%	0.864%
74	10.775	1472	1477	1482	rBV2	2566214	4505958	100.00%	8.271%
75	10.839	1485	1488	1490	rBV2	141082	178466	3.96%	0.328%
76	10.957	1505	1508	1510	rBV2	291971	325797	7.23%	0.598%
77	11.022	1517	1519	1521	rBV	209132	147774	3.28%	0.271%
78	11.051	1521	1524	1527	rVB	298952	246292	5.47%	0.452%
79	11.086	1527	1530	1532	rBV2	238733	239287	5.31%	0.439%
80	11.104	1532	1533	1535	rVB	213375	126807	2.81%	0.233%
81	11.216	1548	1552	1554	rBV	1911448	1756578	38.98%	3.224%
82	11.245	1554	1557	1563	rVB	1090283	1119299	24.84%	2.055%
83	11.363	1572	1577	1579	rBV2	445517	486422	10.80%	0.893%
84	11.386	1579	1581	1586	rVV	371001	424217	9.41%	0.779%
85	11.480	1595	1597	1601	rVB	193488	168938	3.75%	0.310%
86	11.522	1601	1604	1606	rBV2	167103	159756	3.55%	0.293%
87	11.586	1612	1615	1619	rVV	207787	194467	4.32%	0.357%
88	11.639	1620	1624	1627	rVB	1437398	1205083	26.74%	2.212%
89	11.863	1660	1662	1665	rBV2	163708	146541	3.25%	0.269%
90	11.892	1665	1667	1671	rVB	277366	213594	4.74%	0.392%
91	12.045	1689	1693	1696	rBV	773675	658924	14.62%	1.209%
92	12.098	1699	1702	1706	rVB3	81750	112966	2.51%	0.207%
93	12.427	1753	1758	1763	rVB2	412313	457813	10.16%	0.840%
94	12.804	1819	1822	1828	rVB2	251692	230354	5.11%	0.423%
95	12.945	1842	1846	1849	rVB	1060506	972626	21.59%	1.785%
96	13.157	1879	1882	1885	rBV	156038	123043	2.73%	0.226%
97	13.498	1937	1940	1947	rBV3	115286	135041	3.00%	0.248%
98	13.827	1993	1996	1999	rVB	135305	128862	2.86%	0.237%
99	14.010	2023	2027	2029	rVV	279629	277436	6.16%	0.509%
100	15.486	2274	2278	2282	rVB	177214	236217	5.24%	0.434%

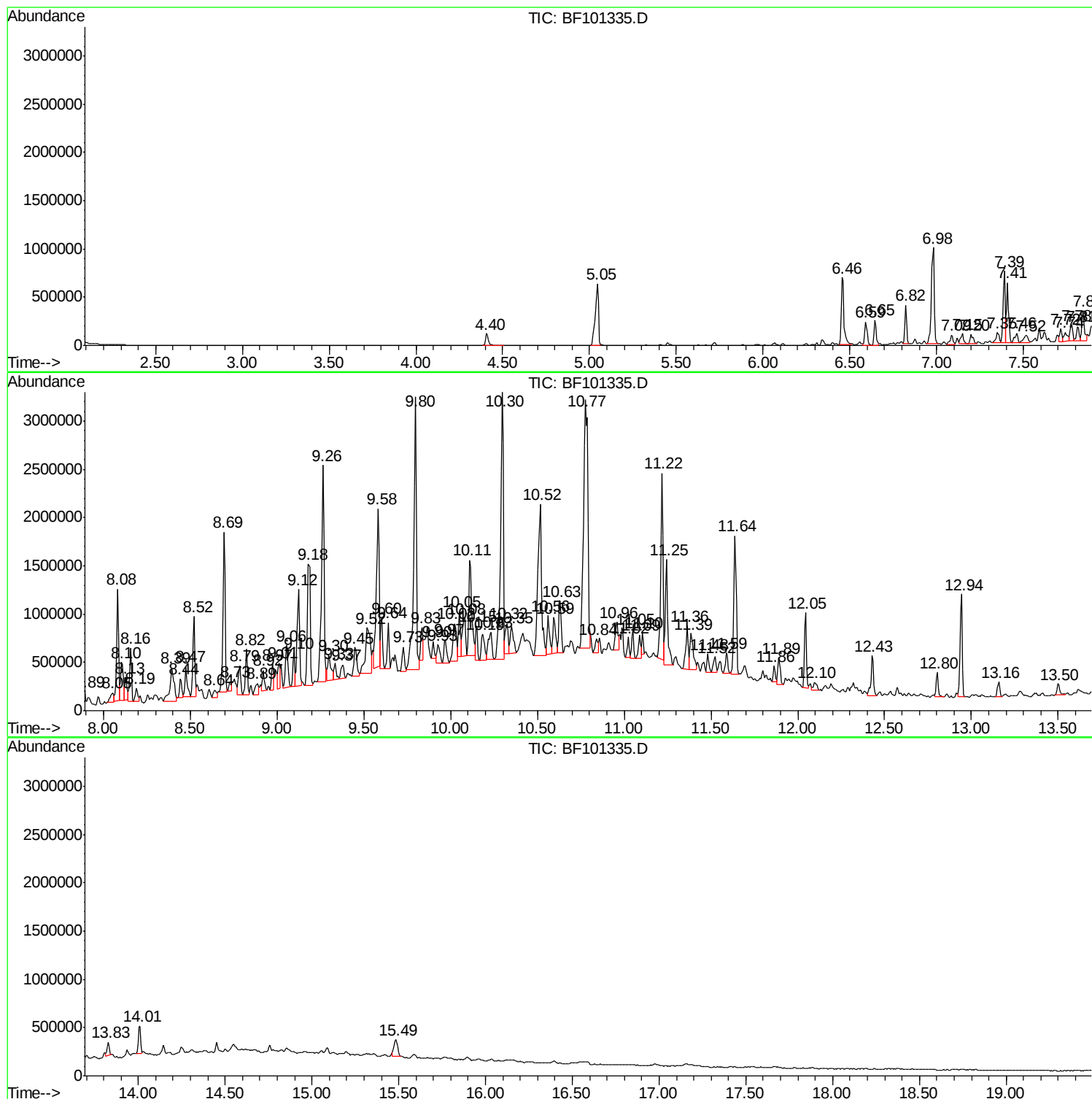
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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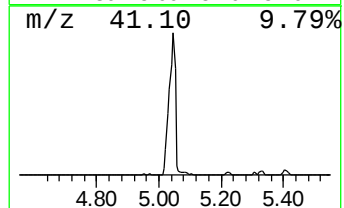
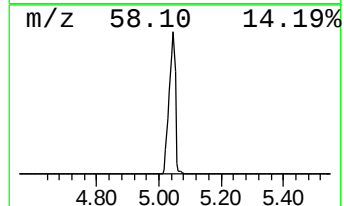
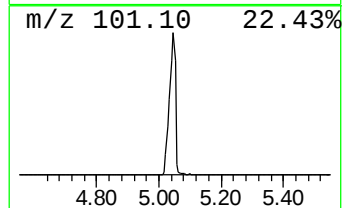
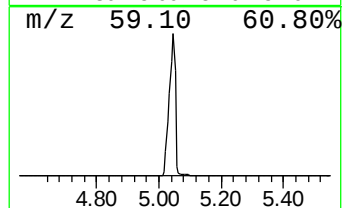
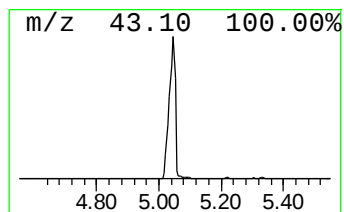
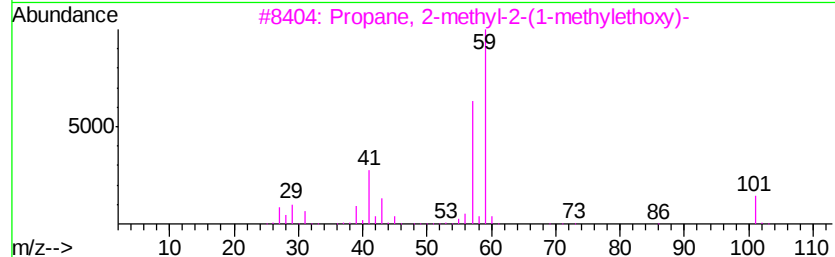
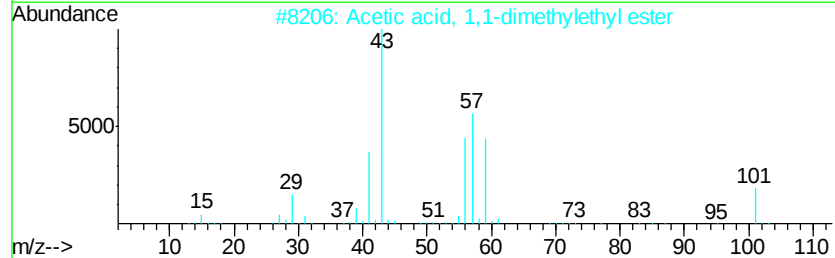
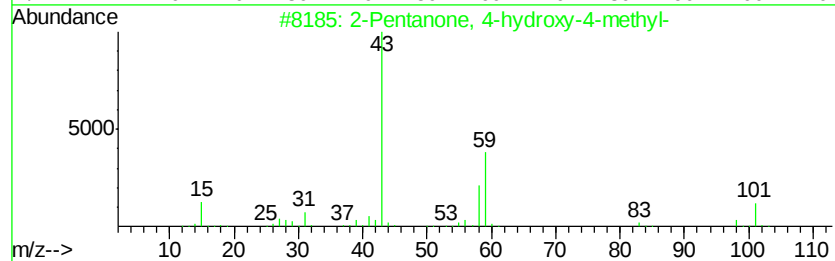
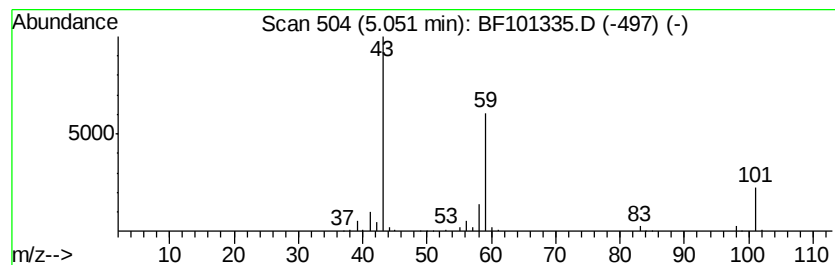
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	54.15 ng	846486	1,4-Dichlorobenzene-d4	6.82

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3		Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4		Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5		2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9



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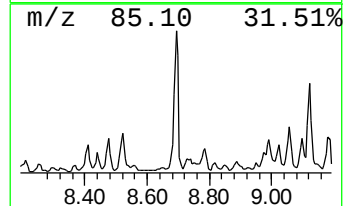
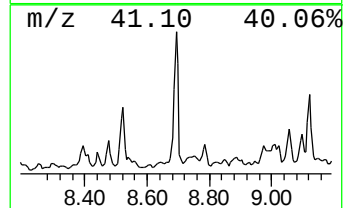
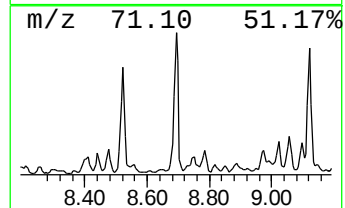
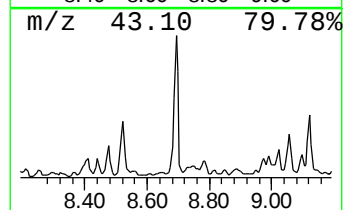
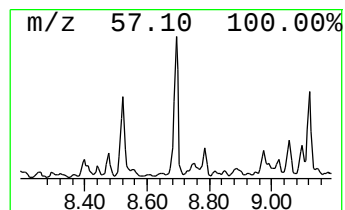
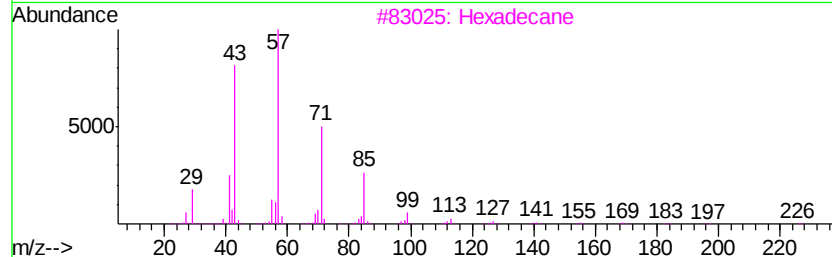
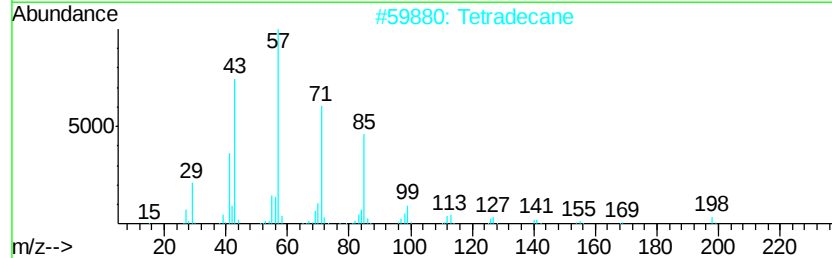
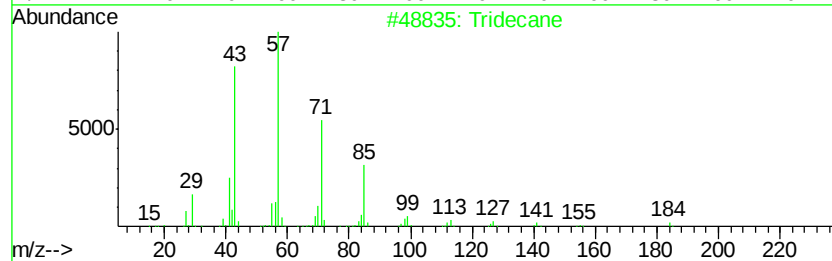
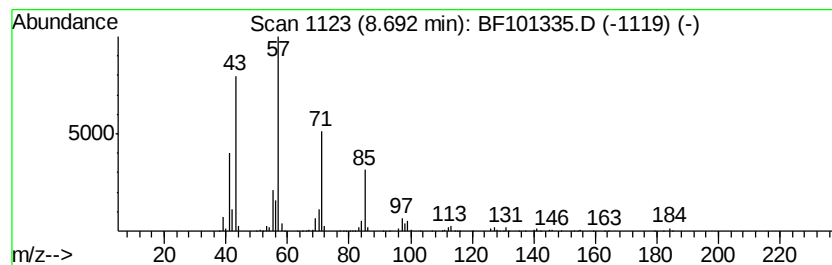
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Tridecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	77.95 ng	1513860	Naphthalene-d8	8.10

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	95
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Undecane	156	C11H24	001120-21-4	80
5		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78



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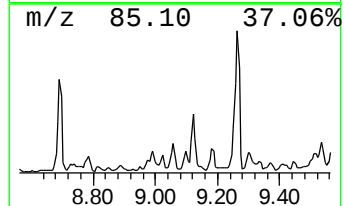
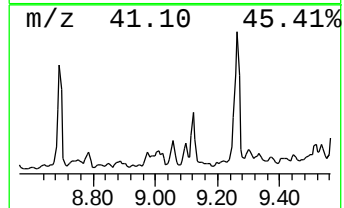
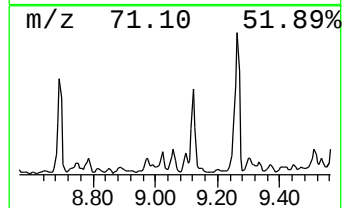
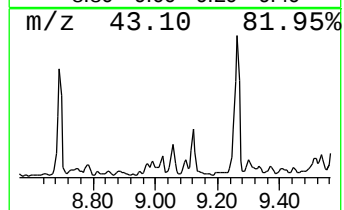
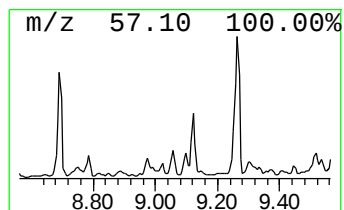
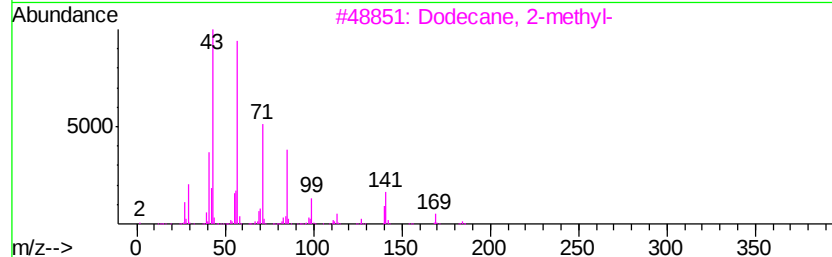
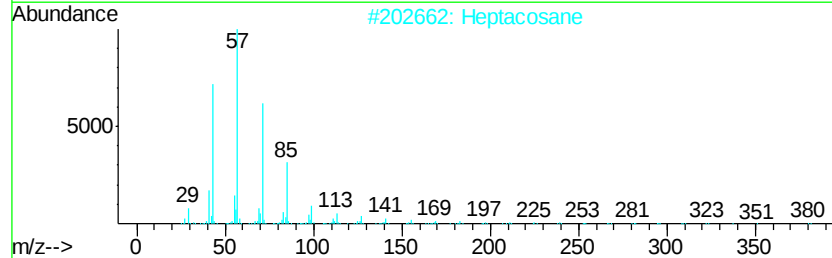
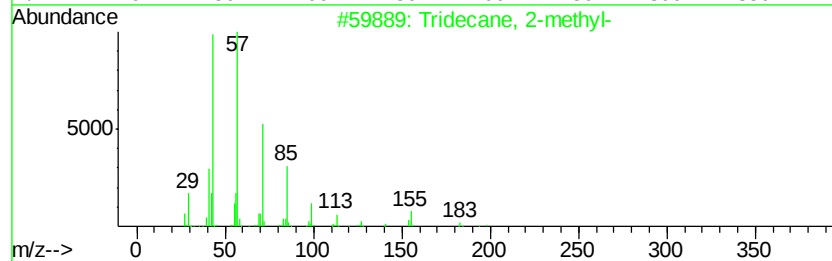
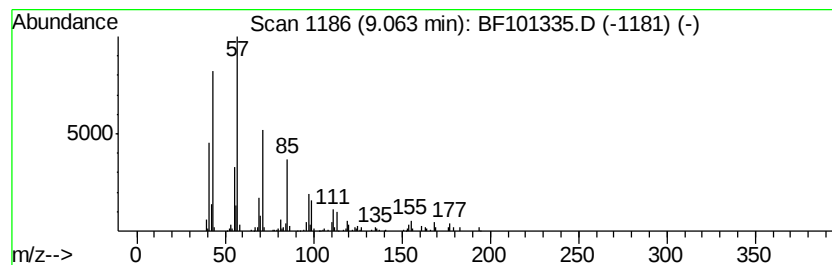
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.06	55.33 ng	386364	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane, 2-methyl-	198	C14H30	001560-96-9	90
2		Heptacosane	380	C27H56	000593-49-7	78
3		Dodecane, 2-methyl-	184	C13H28	001560-97-0	72
4		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	64
5		Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

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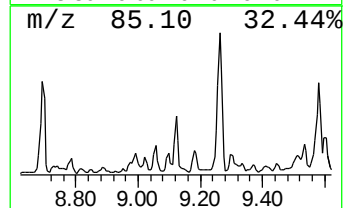
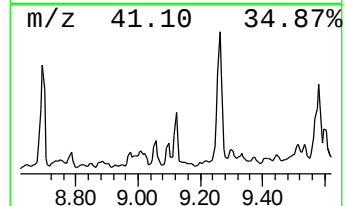
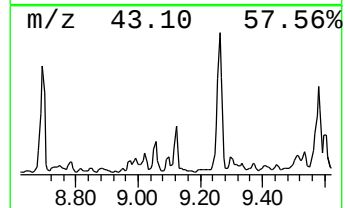
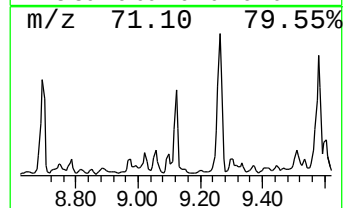
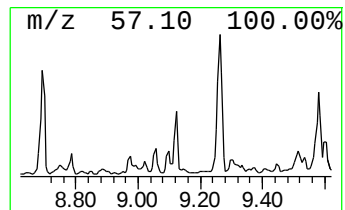
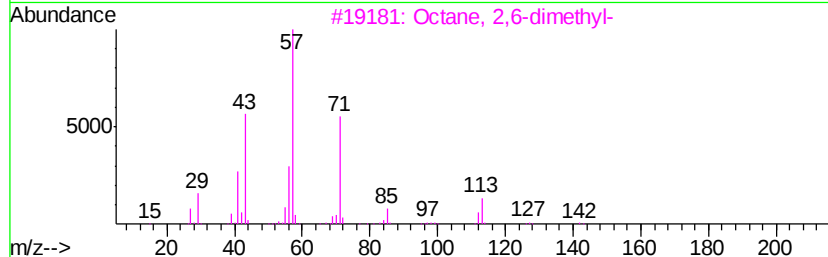
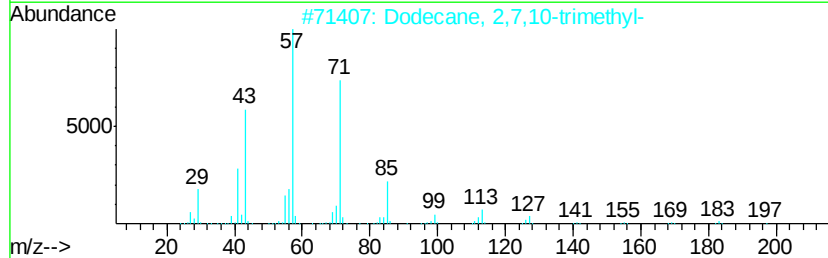
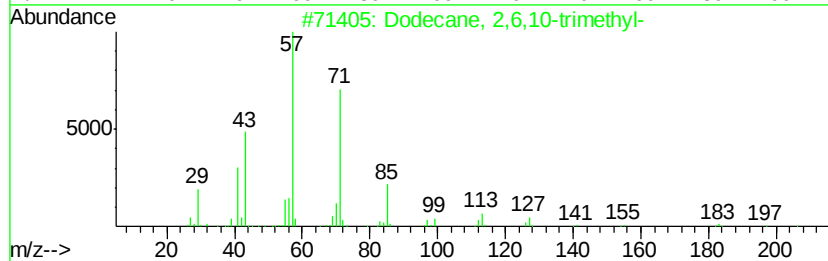
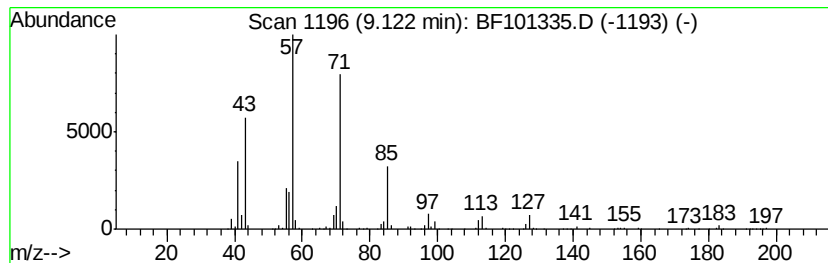
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,6,10-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	117.97 ng	823833	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90	
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86	
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80	
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	80	
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78	



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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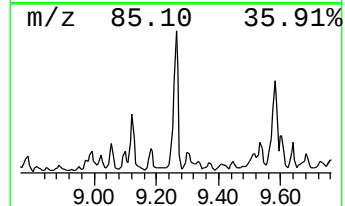
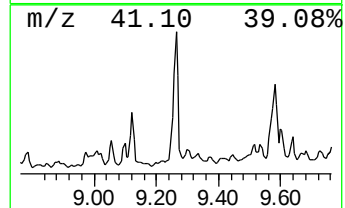
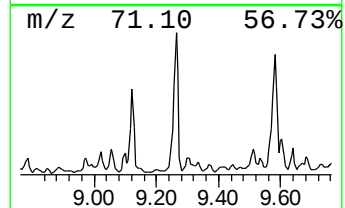
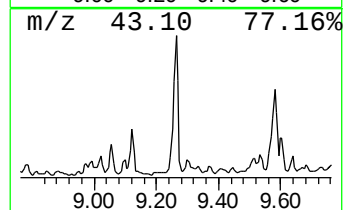
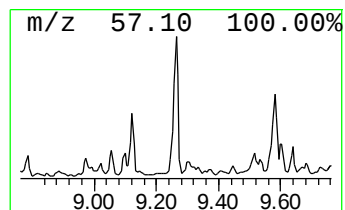
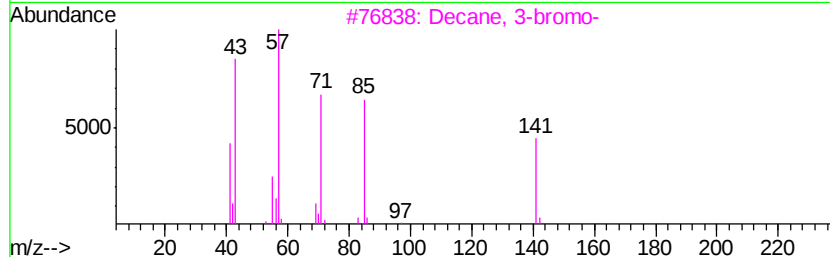
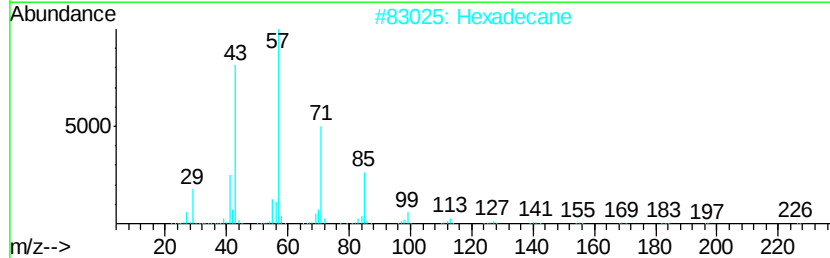
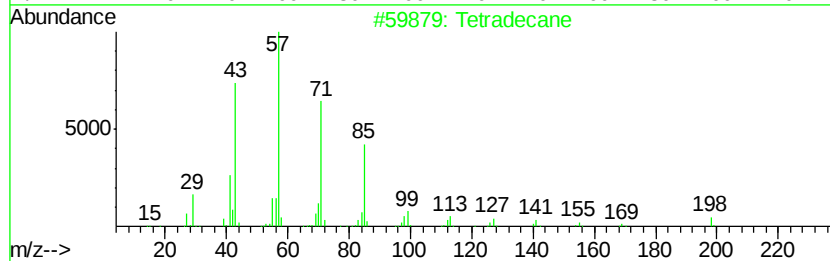
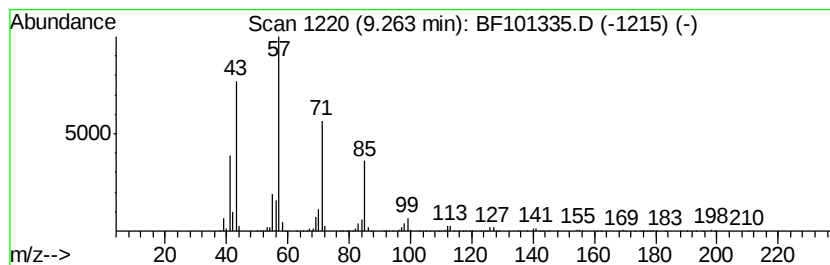
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.26	341.27 ng	2383200	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Hexadecane	226	C16H34	000544-76-3	91
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	80
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5	Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
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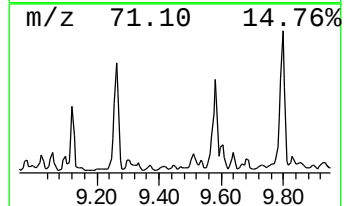
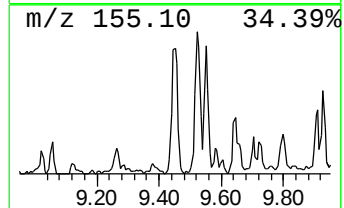
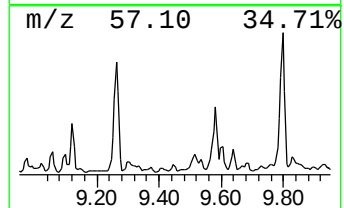
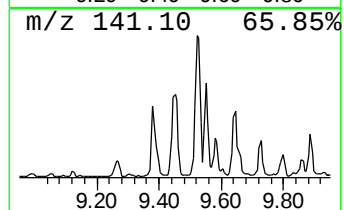
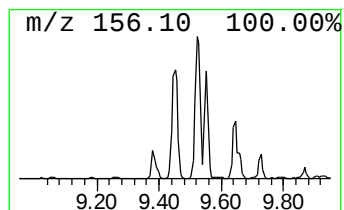
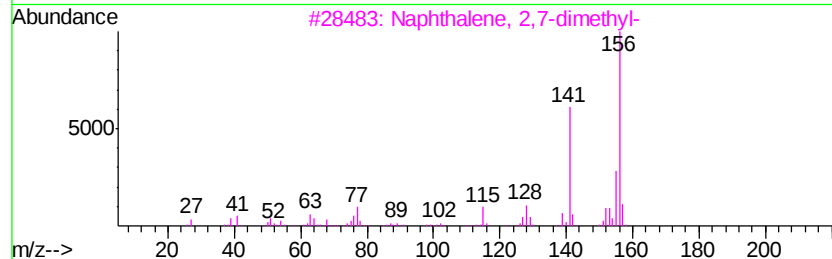
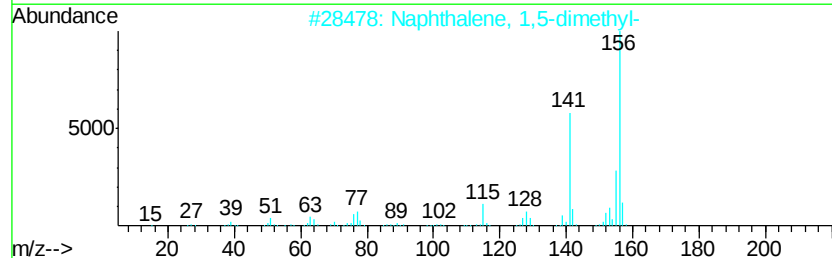
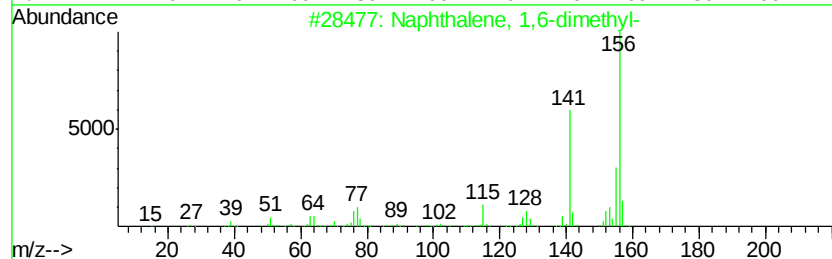
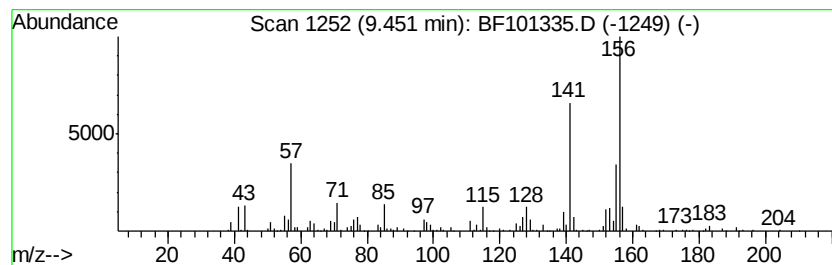
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	51.86 ng	362126	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
3		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
4		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
5		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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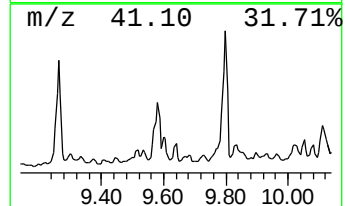
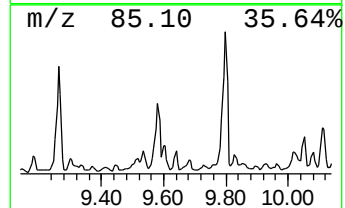
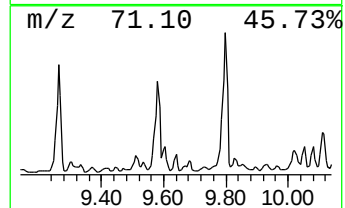
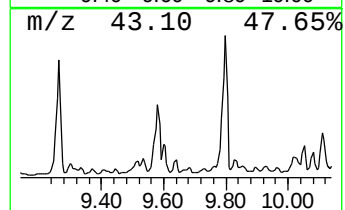
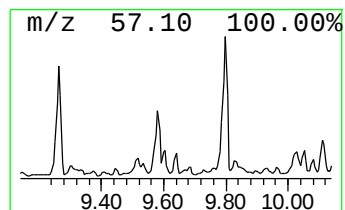
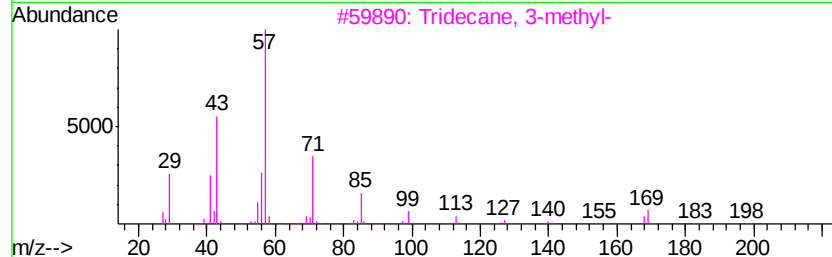
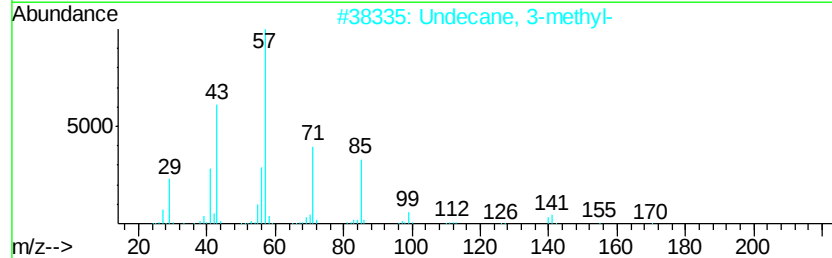
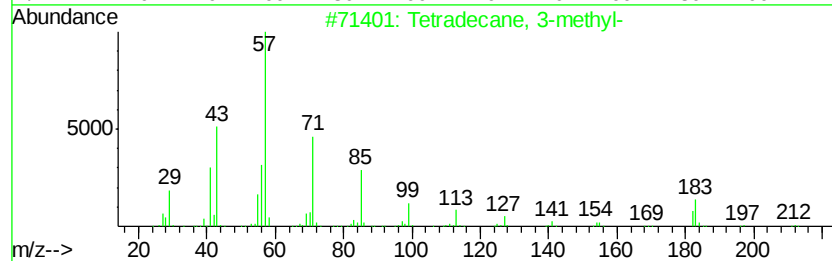
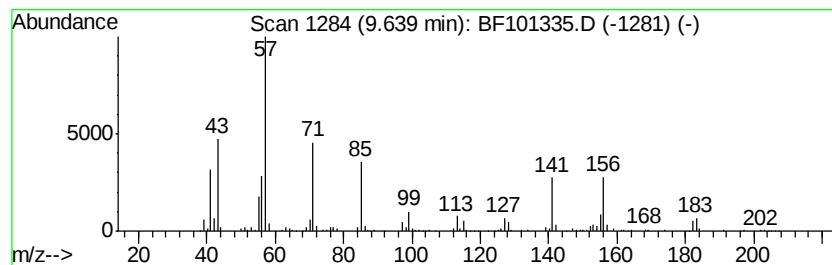
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tetradecane, 3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	51.30 ng	358243	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	59
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	53
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	47
5		Decane, 3-bromo-	220	C10H21Br	030571-71-2	46



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
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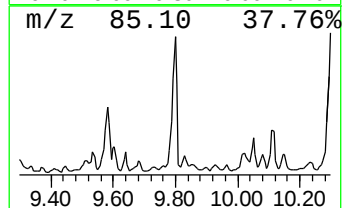
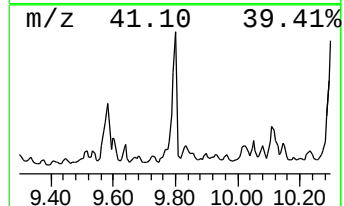
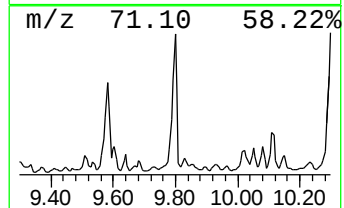
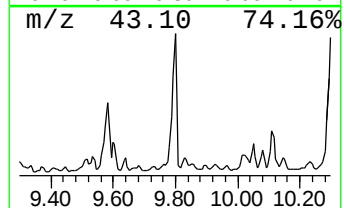
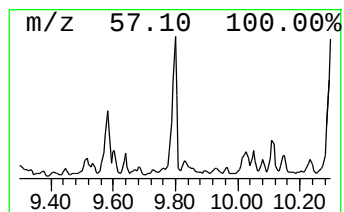
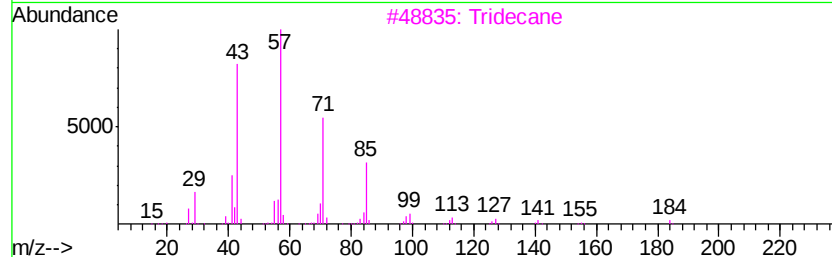
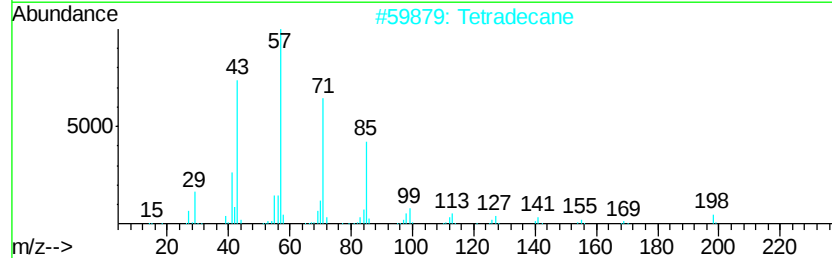
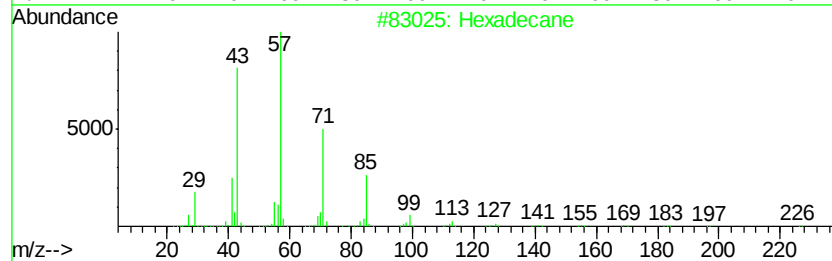
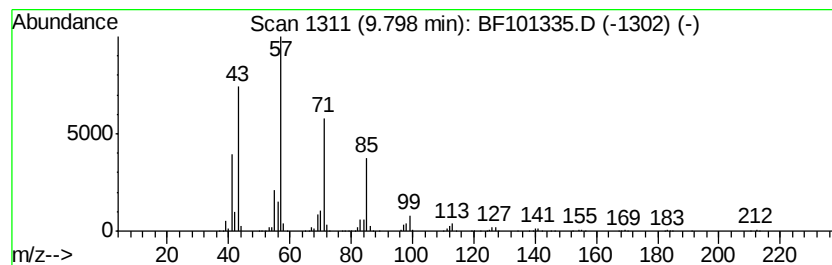
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.80	465.44 ng	3250350	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	80
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
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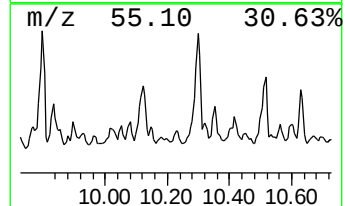
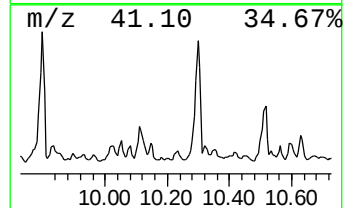
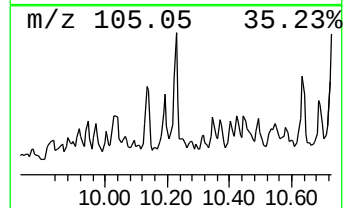
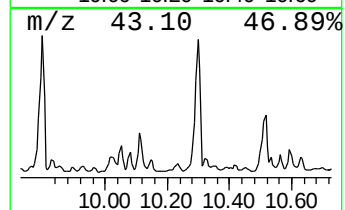
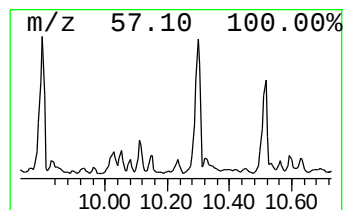
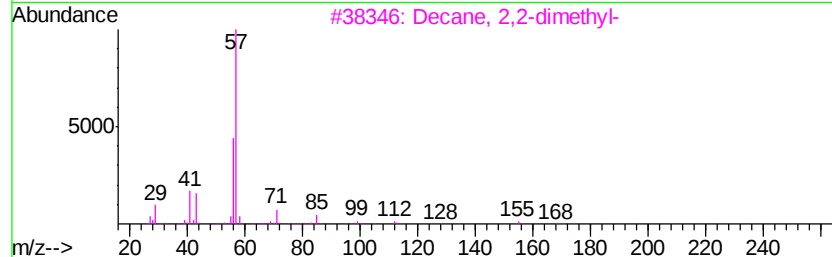
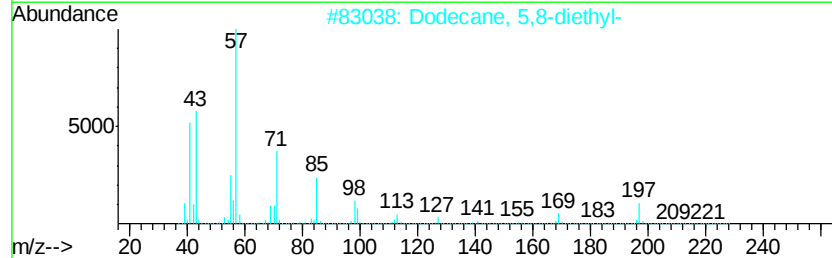
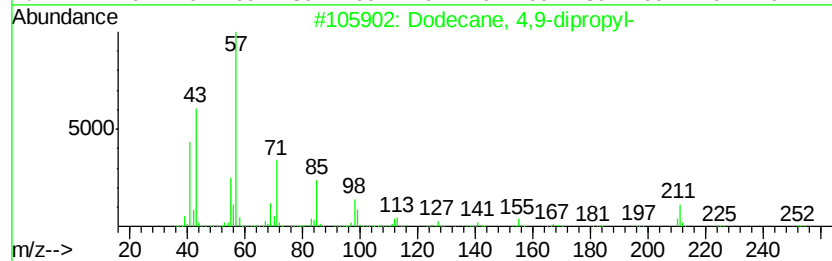
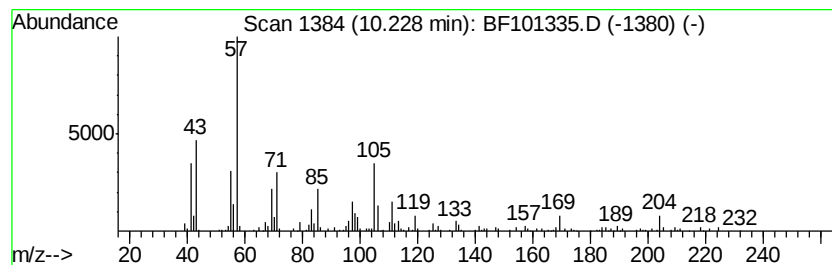
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 4,9-dipropyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	65.18 ng	455146	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	72
2		Dodecane, 5,8-diethyl-	226	C16H34	024251-86-3	59
3		Decane, 2,2-dimethyl-	170	C12H26	017302-37-3	53
4		3,5-Dimethyldodecane	198	C14H30	107770-99-0	53
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
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ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
SB-1(0-2)

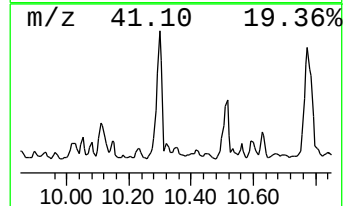
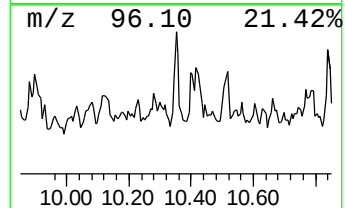
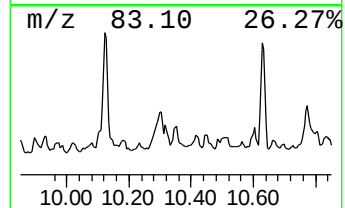
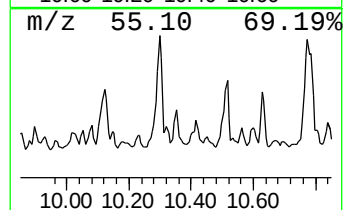
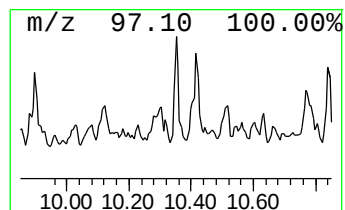
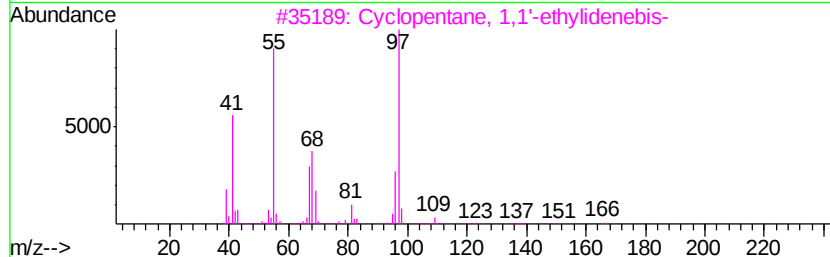
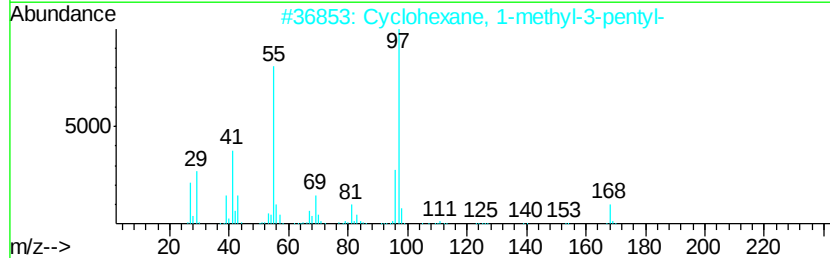
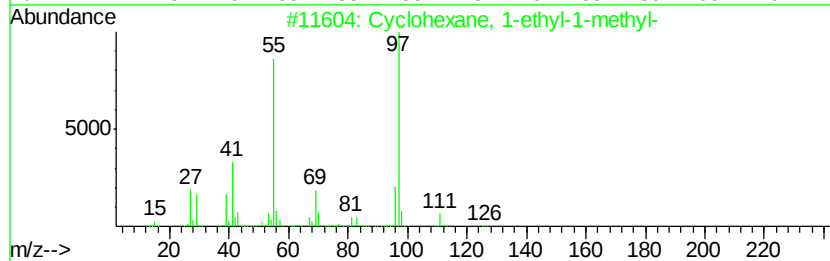
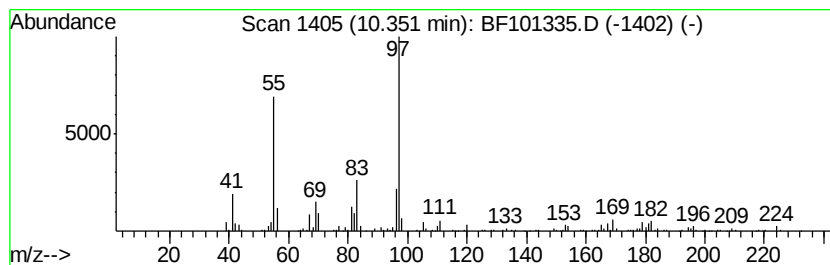
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, 1-ethyl-1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.35	56.00 ng	391076	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	70
2		Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
3		Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	52
4		Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	50
5		3-Cyclopent-1-enyl-3-hydroxy-2-m...	170	C9H14O3	1000191-19-7	50



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

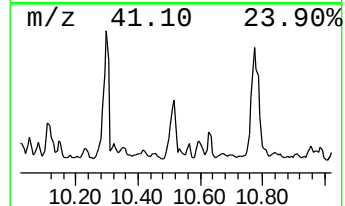
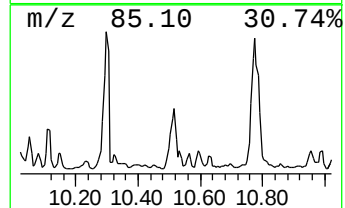
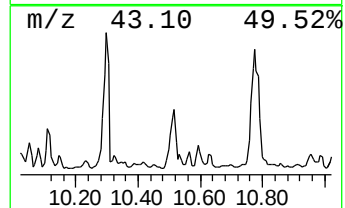
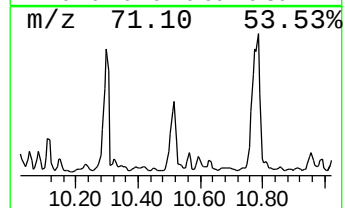
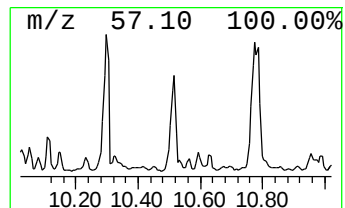
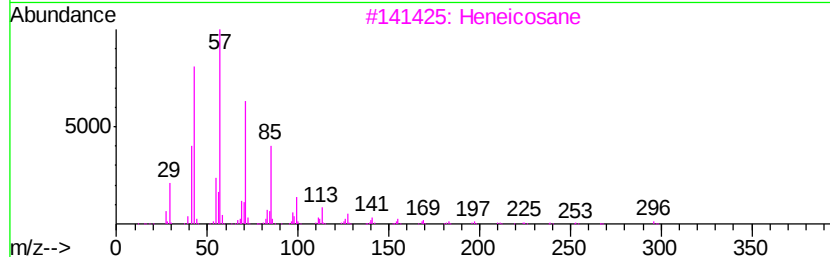
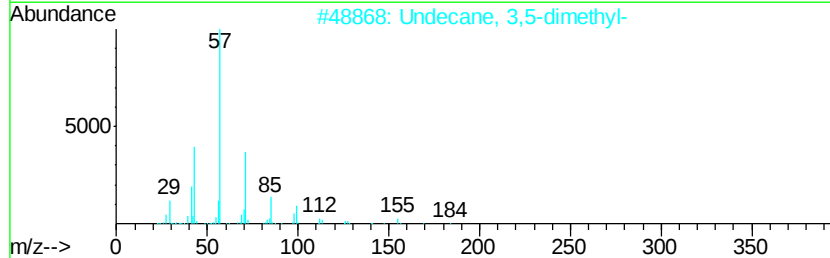
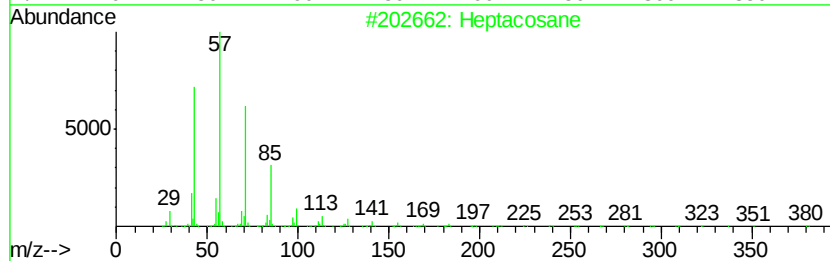
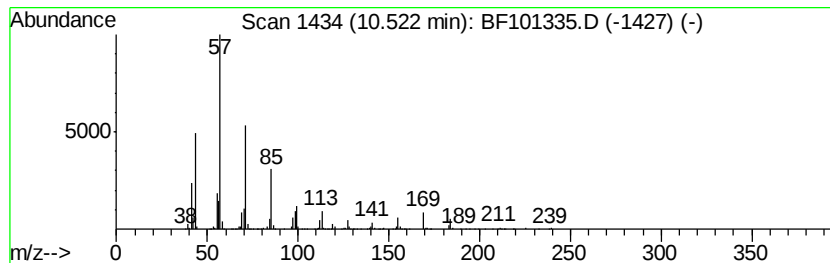
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptacosane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	311.26 ng	2173630	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	90
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	81
3		Heneicosane	296	C21H44	000629-94-7	80
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	78
5		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	76



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
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Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
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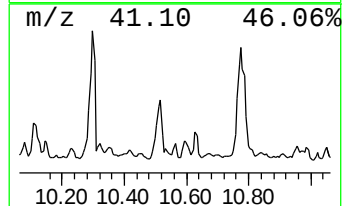
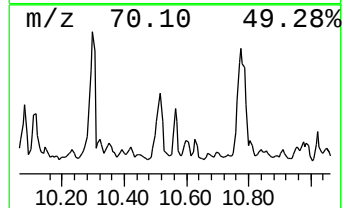
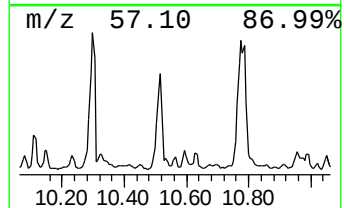
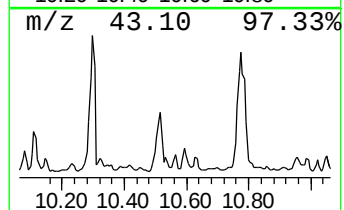
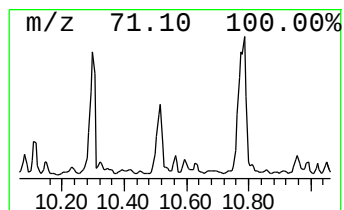
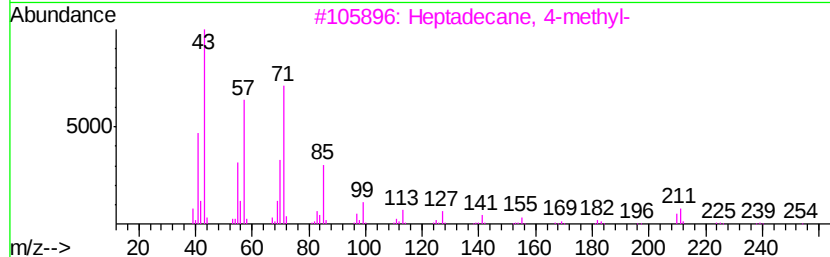
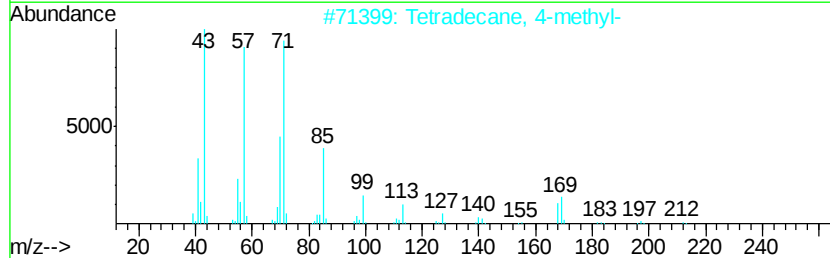
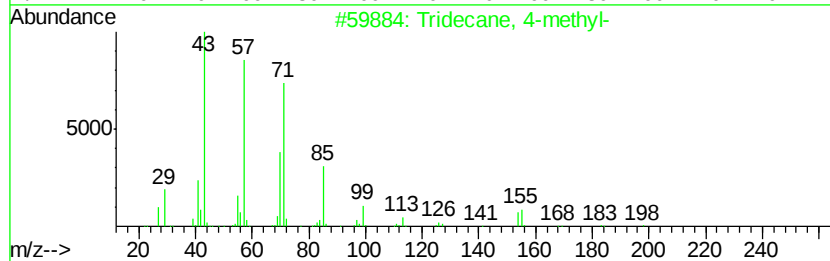
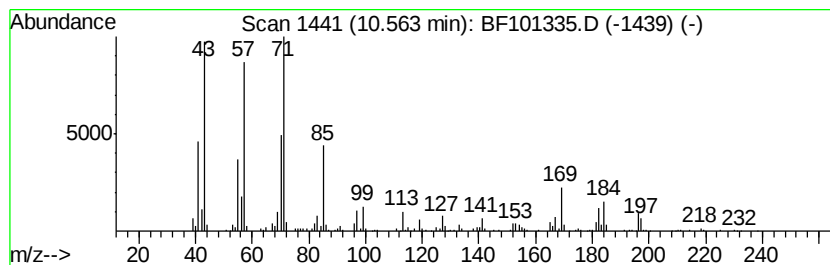
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.56	51.10 ng	356836	Acenaphthene-d10	9.87	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 4-methyl-	198	C14H30	026730-12-1	76
2	Tetradecane, 4-methyl-	212	C15H32	025117-24-2	64
3	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	64
4	Octacosane	394	C28H58	000630-02-4	52
5	Heptacosane	380	C27H56	000593-49-7	52



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-1(0-2)

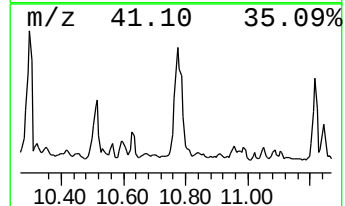
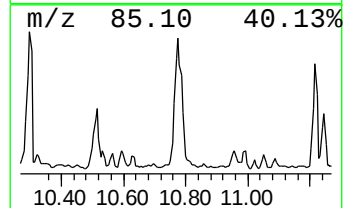
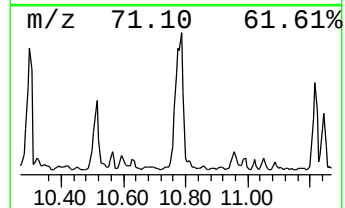
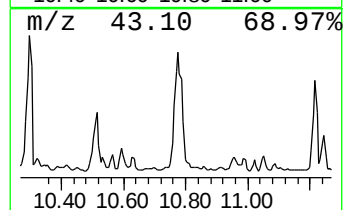
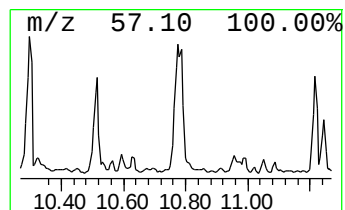
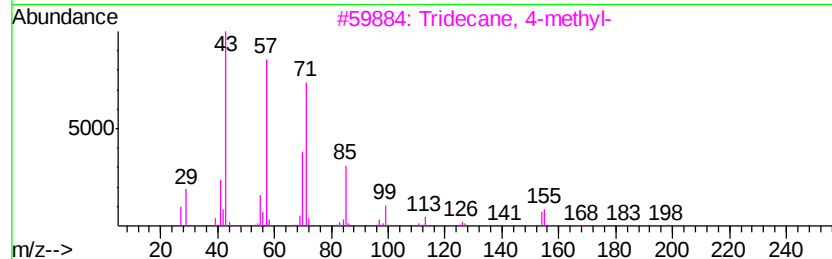
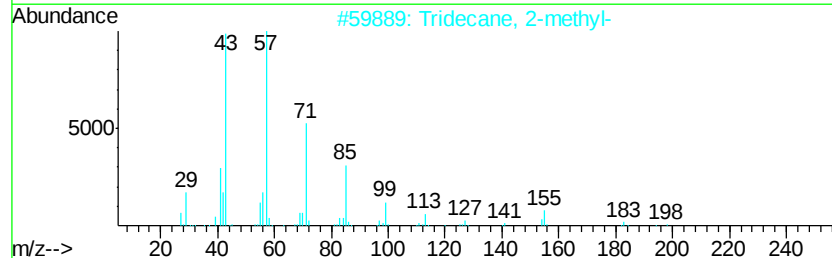
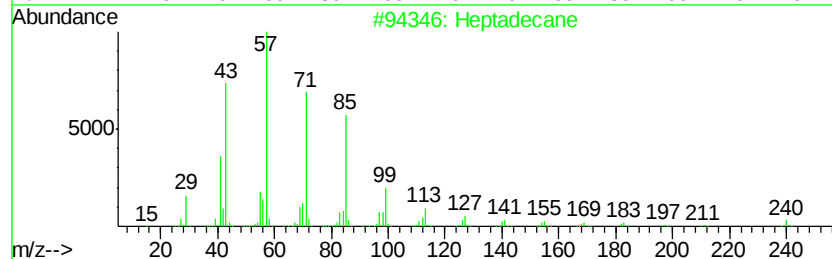
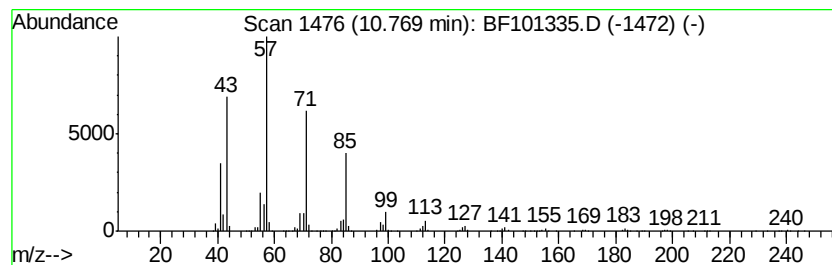
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	185.27 ng	4505960	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	94
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	93
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	91
4		Eicosane	282	C20H42	000112-95-8	90
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	89



Data Path : Z:\HPCHEM1\BNA F\DATA\BF121217\
Data File : BF101335.D
Acq On : 12 Dec 2017 17:43
Operator : SJ/JU
Sample : I6822-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-1(0-2)

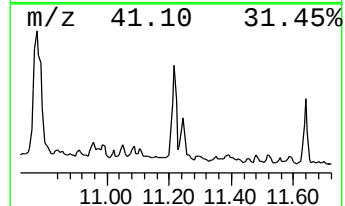
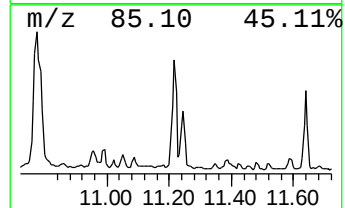
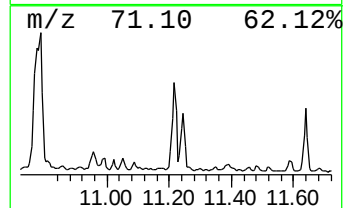
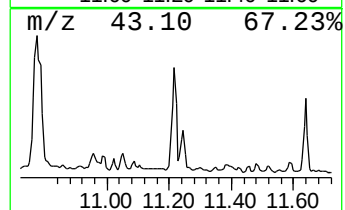
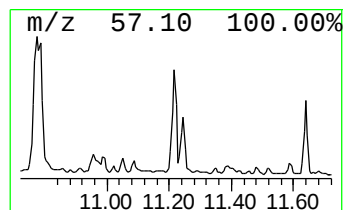
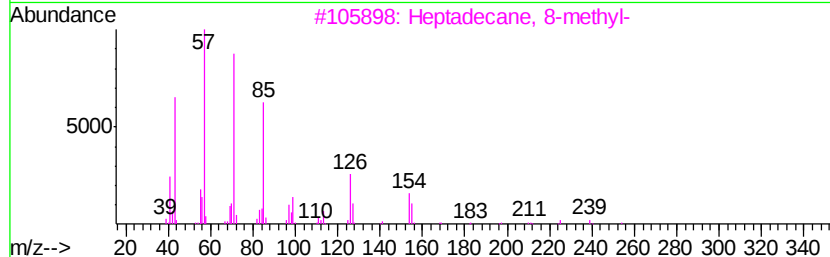
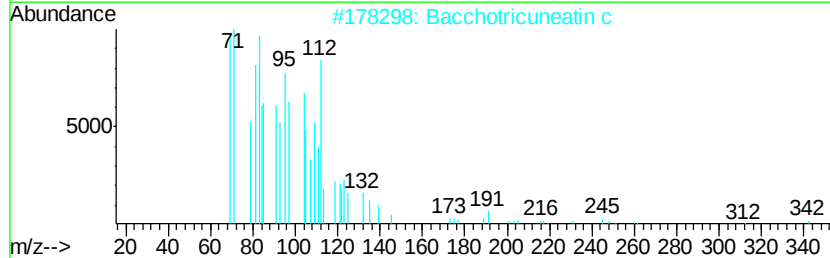
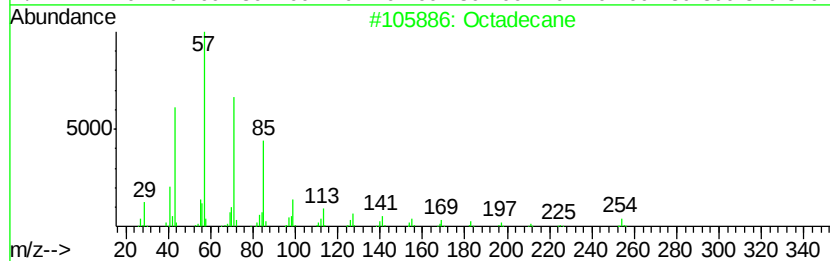
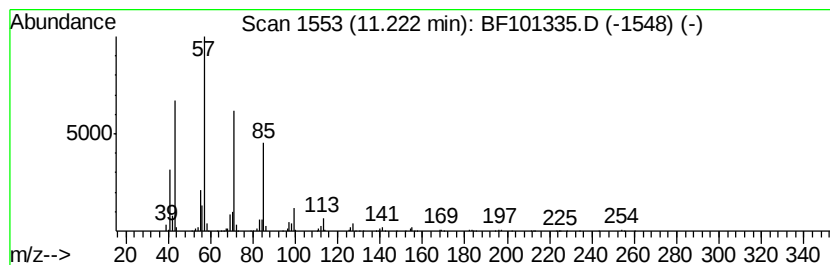
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Octadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	72.22 ng	1756580	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	97
2		Bacchotricuneatin c	342	C20H22O5	066563-30-2	95
3		Heptadecane, 8-methyl-	254	C18H38	013287-23-5	91
4		Hexadecane	226	C16H34	000544-76-3	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121217\
 Data File : BF101335.D
 Acq On : 12 Dec 2017 17:43
 Operator : SJ/JU
 Sample : I6822-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF113017.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
2-Pentanone, 4-hy...	5.05	54.1	ng	846486	1	6.82	312651	20.0
Tridecane	8.69	78.0	ng	1513860	2	8.10	388402	20.0
Tridecane, 2-methyl-	9.06	55.3	ng	386364	3	9.87	139667	20.0
Dodecane, 2,6,10-...	9.12	118.0	ng	823833	3	9.87	139667	20.0
Tetradecane	9.26	341.3	ng	2383200	3	9.87	139667	20.0
Naphthalene, 1,6-...	9.45	51.9	ng	362126	3	9.87	139667	20.0
Tetradecane, 3-me...	9.64	51.3	ng	358243	3	9.87	139667	20.0
Hexadecane	9.80	465.4	ng	3250350	3	9.87	139667	20.0
Dodecane, 4,9-dip...	10.23	65.2	ng	455146	3	9.87	139667	20.0
Cyclohexane, 1-et...	10.35	56.0	ng	391076	3	9.87	139667	20.0
Heptacosane	10.52	311.3	ng	2173630	3	9.87	139667	20.0
Tridecane, 4-methyl-	10.56	51.1	ng	356836	3	9.87	139667	20.0
Heptadecane	10.77	185.3	ng	4505960	4	11.36	486422	20.0
Octadecane	11.22	72.2	ng	1756580	4	11.36	486422	20.0