

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102780.D
 Acq On : 6 Feb 2018 13:30
 Operator : SJ/JU
 Sample : J1454-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-9-EW(4-6)

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-BF020318.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	2.169	7	14	20	rVB	442245	608132	9.05%	0.460%
2	5.110	511	514	521	rVB2	138803	177014	2.63%	0.134%
3	5.498	567	580	583	rBV	4093433	4360401	64.89%	3.302%
4	6.128	682	687	690	rBV2	268937	367052	5.46%	0.278%
5	6.163	690	693	695	rVV	352351	336893	5.01%	0.255%
6	6.186	695	697	699	rVB	323620	239443	3.56%	0.181%
7	6.322	715	720	724	rBV4	197895	311439	4.63%	0.236%
8	6.416	732	736	742	rBV5	360982	624066	9.29%	0.473%
9	6.510	746	752	758	rVV	3725250	4617552	68.72%	3.496%
10	6.651	767	776	779	rBV	4222134	4622470	68.79%	3.500%
11	6.710	783	786	790	rBV2	885730	971858	14.46%	0.736%
12	6.881	811	815	819	rVV2	1483161	1676775	24.95%	1.270%
13	6.939	822	825	827	rBV2	301828	261597	3.89%	0.198%
14	6.998	827	835	837	rVB5	335757	467084	6.95%	0.354%
15	7.039	837	842	844	rBV	3218736	3158923	47.01%	2.392%
16	7.104	851	853	856	rBV3	189021	186486	2.78%	0.141%
17	7.151	858	861	864	rVB	552170	546120	8.13%	0.414%
18	7.198	864	869	871	rBV2	412269	553763	8.24%	0.419%
19	7.216	871	872	876	rVB3	274208	231570	3.45%	0.175%
20	7.275	876	882	885	rBV2	562546	824245	12.27%	0.624%
21	7.304	885	887	892	rVB4	174696	238068	3.54%	0.180%
22	7.369	892	898	900	rBV2	190685	328247	4.89%	0.249%
23	7.416	900	906	908	rBV2	696407	1015652	15.12%	0.769%
24	7.445	908	911	913	rVV	2162495	2157194	32.10%	1.633%
25	7.475	913	916	920	rVB	1877386	1622367	24.14%	1.228%
26	7.528	920	925	929	rBV5	574670	970501	14.44%	0.735%
27	7.657	944	947	949	rVV2	393841	483491	7.20%	0.366%
28	7.680	949	951	955	rVB3	493508	704929	10.49%	0.534%
29	7.763	961	965	966	rBV3	289636	317981	4.73%	0.241%
30	7.780	966	968	970	rVV	471028	387847	5.77%	0.294%
31	7.804	970	972	976	rVV2	773593	816655	12.15%	0.618%
32	7.833	976	977	981	rVB3	337714	392086	5.84%	0.297%
33	7.875	981	984	986	rBV3	360563	369367	5.50%	0.280%
34	7.904	986	989	992	rBV2	947170	988314	14.71%	0.748%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.980	999	1002	1005	rBV3	344527	342764	5.10%	0.260%
36	8.033	1008	1011	1014	rBV2	560197	640575	9.53%	0.485%
37	8.069	1014	1017	1019	rBV	282924	270703	4.03%	0.205%
38	8.098	1019	1022	1023	rBV2	352493	312402	4.65%	0.237%
39	8.145	1026	1030	1032	rVV	3011402	3149584	46.87%	2.385%
40	8.169	1032	1034	1036	rVV	1773517	1709991	25.45%	1.295%
41	8.222	1039	1043	1046	rVB2	1725034	1821578	27.11%	1.379%
42	8.251	1046	1048	1056	rVB5	754863	911271	13.56%	0.690%
43	8.316	1056	1059	1061	rBV4	399196	523888	7.80%	0.397%
44	8.369	1065	1068	1070	rVB2	612226	551170	8.20%	0.417%
45	8.457	1079	1083	1087	rVB5	1165798	1377791	20.50%	1.043%
46	8.510	1089	1092	1095	rVB3	449727	433561	6.45%	0.328%
47	8.539	1095	1097	1101	rBV3	775742	1032060	15.36%	0.781%
48	8.586	1101	1105	1107	rBV	1846159	1746117	25.99%	1.322%
49	8.604	1107	1108	1110	rVV	585300	441594	6.57%	0.334%
50	8.627	1110	1112	1117	rVB3	707010	723057	10.76%	0.547%
51	8.675	1117	1120	1122	rBV2	890788	906391	13.49%	0.686%
52	8.710	1124	1126	1128	rVB3	384619	267052	3.97%	0.202%
53	8.757	1130	1134	1137	rBV	3756457	3346293	49.80%	2.534%
54	8.851	1147	1150	1153	rVB3	895763	1047121	15.58%	0.793%
55	8.880	1153	1155	1158	rVB2	672554	440253	6.55%	0.333%
56	8.916	1158	1161	1163	rVB3	562245	423682	6.31%	0.321%
57	8.945	1163	1166	1168	rBV3	534890	662655	9.86%	0.502%
58	9.010	1175	1177	1179	rVB2	518513	352410	5.24%	0.267%
59	9.039	1179	1182	1185	rBV4	683056	1036414	15.42%	0.785%
60	9.069	1185	1187	1192	rVB5	706195	1004055	14.94%	0.760%
61	9.116	1192	1195	1199	rBV2	771086	982931	14.63%	0.744%
62	9.163	1200	1203	1204	rVB	510967	408745	6.08%	0.309%
63	9.186	1204	1207	1212	rVB	2492949	2117437	31.51%	1.603%
64	9.239	1213	1216	1221	rVB	2953621	3058727	45.52%	2.316%
65	9.280	1221	1223	1225	rBV2	305873	233929	3.48%	0.177%
66	9.322	1226	1230	1235	rBV	3953929	4679408	69.64%	3.543%
67	9.363	1235	1237	1238	rBV2	453120	327853	4.88%	0.248%
68	9.439	1248	1250	1255	rBV2	775068	748135	11.13%	0.566%
69	9.510	1258	1262	1265	rVB2	1233692	1651979	24.59%	1.251%
70	9.580	1271	1274	1276	rBV2	1356588	1277709	19.02%	0.967%
71	9.610	1277	1279	1281	rVB	1105417	841803	12.53%	0.637%

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72	9.639	1281	1284	1287	rBV3	2454645	2986390	44.44%	2.261%
73	9.698	1291	1294	1296	rBV2	1104622	985803	14.67%	0.746%
74	9.792	1306	1310	1312	rBV3	651223	782174	11.64%	0.592%
75	9.857	1317	1321	1325	rVV	4038103	4004025	59.59%	3.032%
76	9.898	1325	1328	1330	rVV4	537635	773621	11.51%	0.586%
77	9.922	1330	1332	1335	rVB	1190341	1163255	17.31%	0.881%
78	10.027	1347	1350	1354	rBV	1111701	1344832	20.01%	1.018%
79	10.080	1355	1359	1362	rBV3	692747	1249134	18.59%	0.946%
80	10.127	1362	1367	1371	rVV2	1239662	2005663	29.85%	1.519%
81	10.169	1371	1374	1379	rVV3	1669386	2081404	30.98%	1.576%
82	10.245	1384	1387	1389	rBV	1202292	1230488	18.31%	0.932%
83	10.269	1389	1391	1393	rBV	806583	652705	9.71%	0.494%
84	10.357	1398	1406	1408	rBV2	3889485	4988317	74.24%	3.777%
85	10.380	1408	1410	1413	rVV2	433145	415449	6.18%	0.315%
86	10.574	1438	1443	1448	rBV	2655277	3632633	54.06%	2.750%
87	10.621	1449	1451	1455	rBV3	555945	620301	9.23%	0.470%
88	10.692	1461	1463	1465	rBV2	962715	713173	10.61%	0.540%
89	10.716	1465	1467	1469	rVB	1064472	797349	11.87%	0.604%
90	10.845	1483	1489	1492	rBV2	3949535	6719422	100.00%	5.088%
91	11.021	1516	1519	1520	rBV2	690866	602228	8.96%	0.456%
92	11.280	1560	1563	1565	rBV	2832288	2390888	35.58%	1.810%
93	11.310	1565	1568	1573	rVB	3266982	3446369	51.29%	2.609%
94	11.416	1583	1586	1588	rBV	1355836	1320650	19.65%	1.000%
95	11.551	1607	1609	1612	rBV2	625706	531065	7.90%	0.402%
96	11.663	1625	1628	1631	rVB	1116979	1134541	16.88%	0.859%
97	11.710	1633	1636	1639	rVB	2994700	2678495	39.86%	2.028%
98	12.121	1703	1706	1709	rBV	2501674	2384910	35.49%	1.806%
99	12.510	1769	1772	1775	rVB	1934948	1726914	25.70%	1.308%
100	13.233	1893	1895	1898	rBV2	986567	971591	14.46%	0.736%

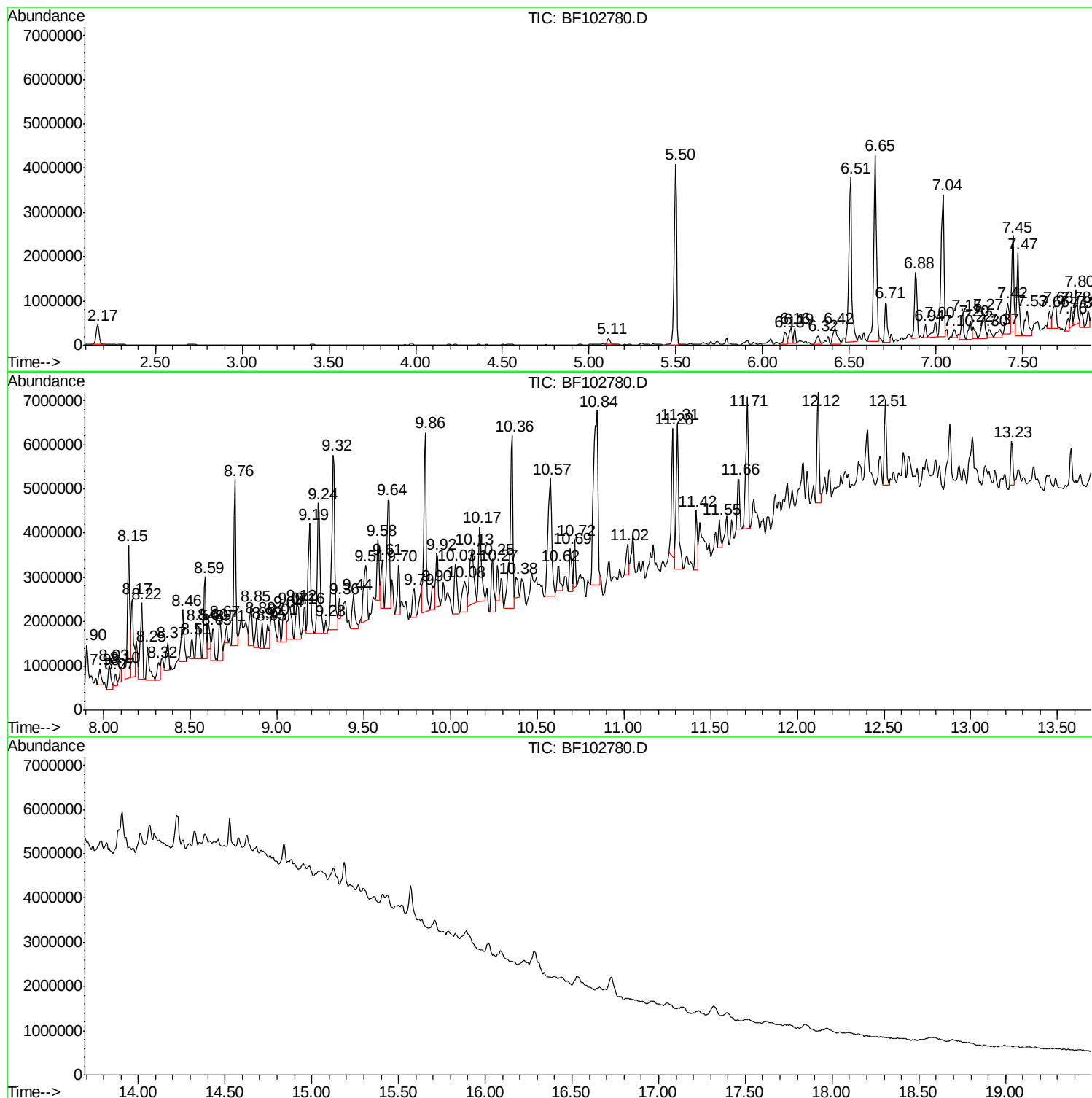
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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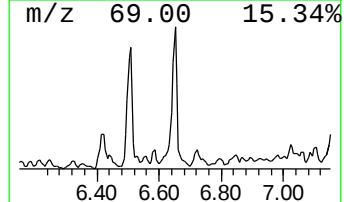
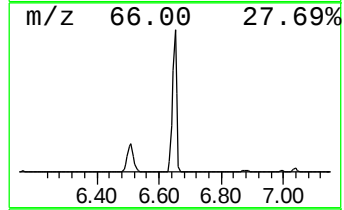
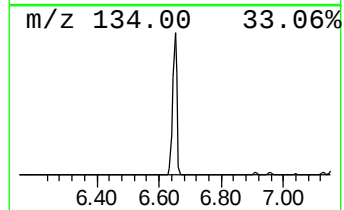
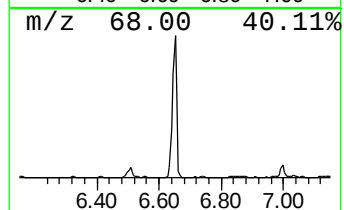
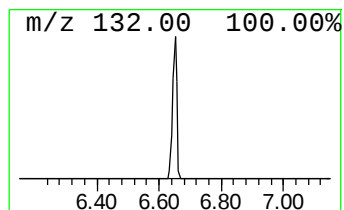
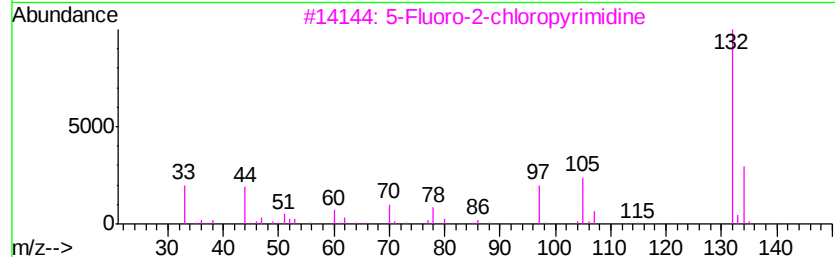
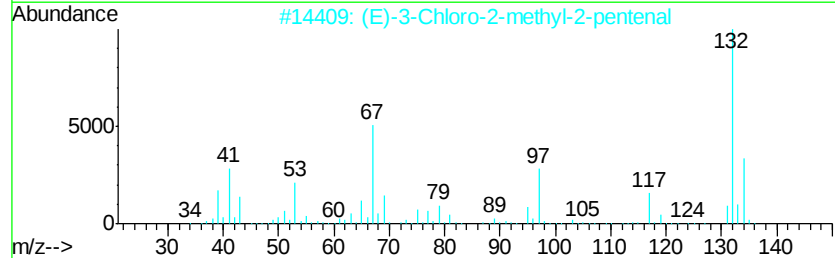
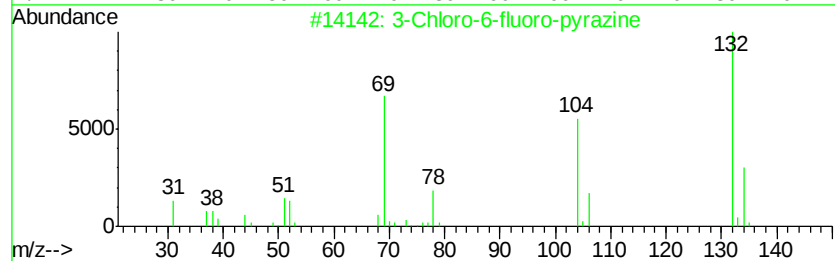
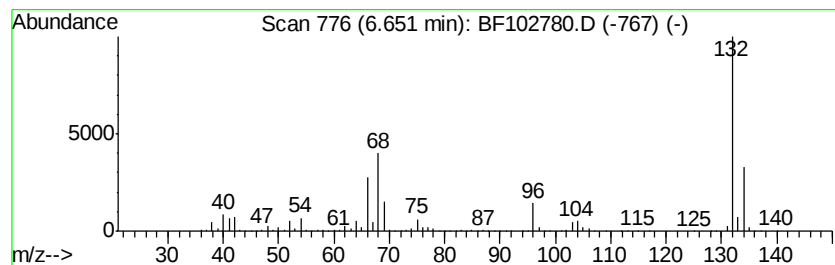
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	55.14 ng	4622470	1,4-Dichlorobenzene-d4	6.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
4		5-Aminoindole	132	C8H8N2	005192-03-0	12
5		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10



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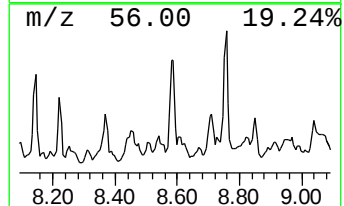
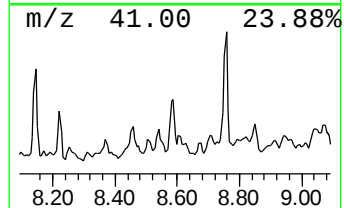
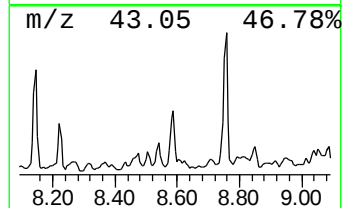
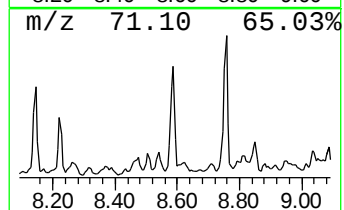
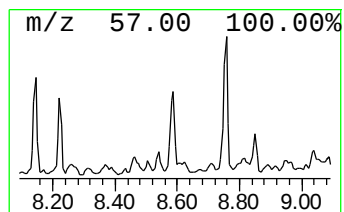
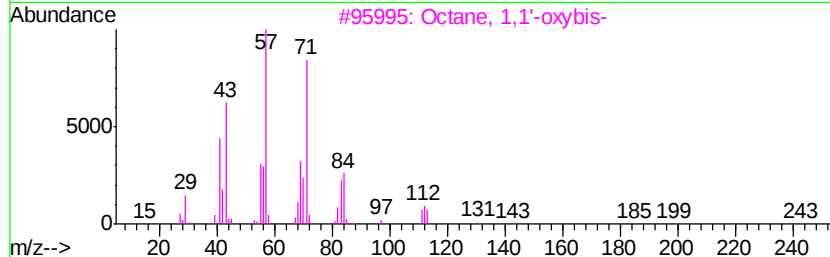
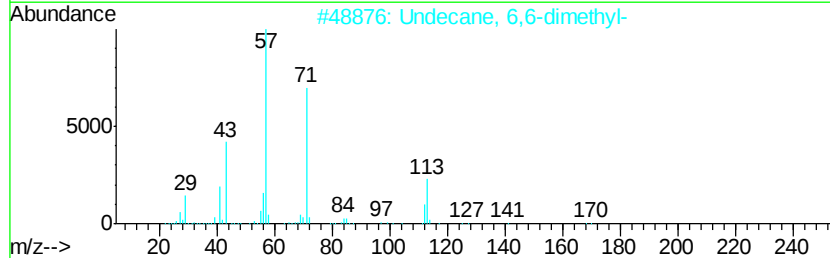
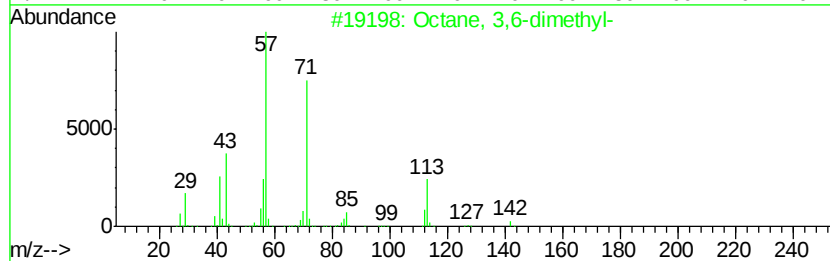
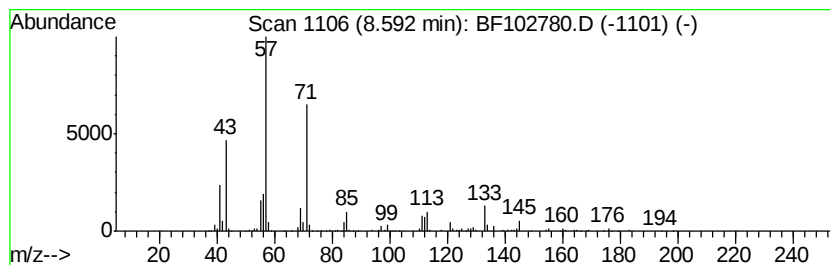
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Octane, 3,6-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	20.42 ng	1746120	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	78
3		Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	72
4		Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	72
5		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62



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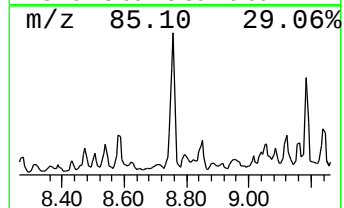
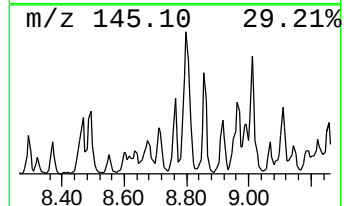
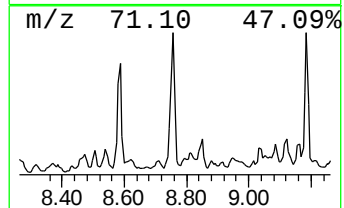
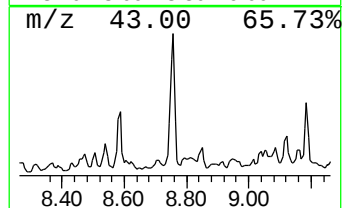
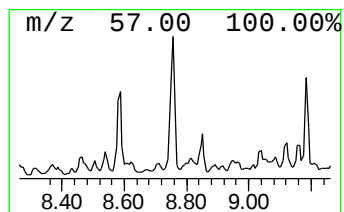
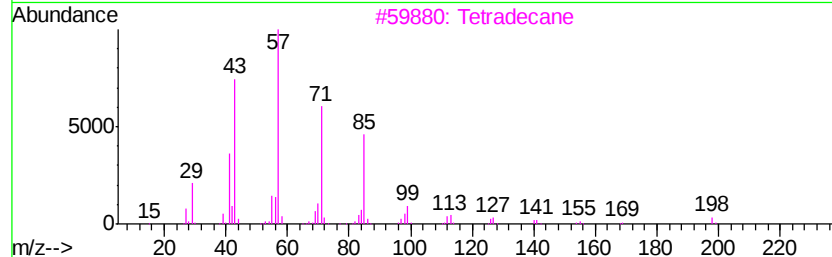
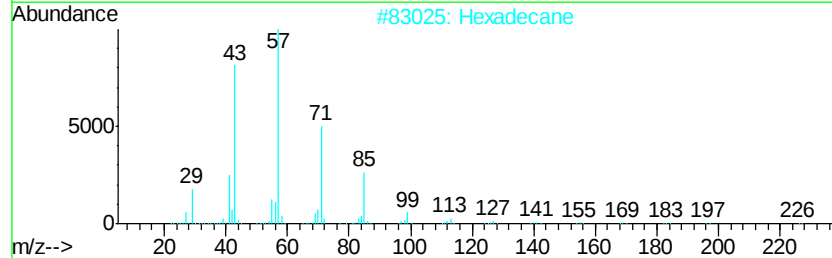
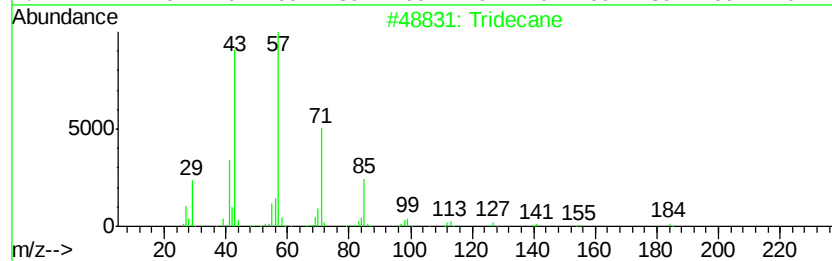
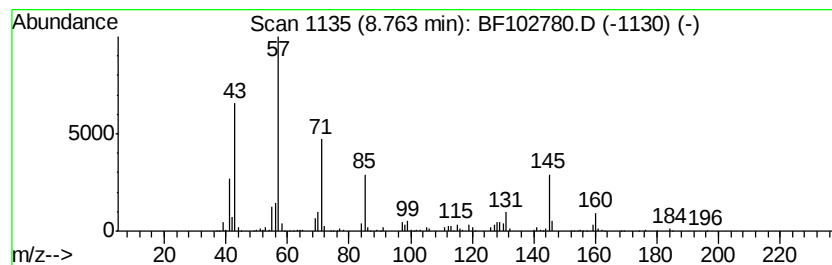
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Tridecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	39.14 ng	3346290	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	93
2	Hexadecane		226	C16H34	000544-76-3	83
3	Tetradecane		198	C14H30	000629-59-4	80
4	Decane, 6-ethyl-2-methyl-		184	C13H28	062108-21-8	72
5	Pentadecane		212	C15H32	000629-62-9	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
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Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

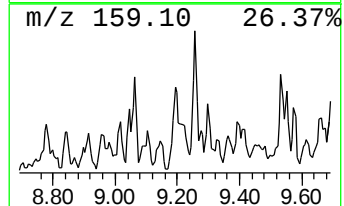
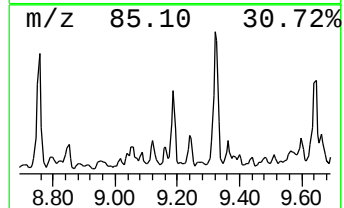
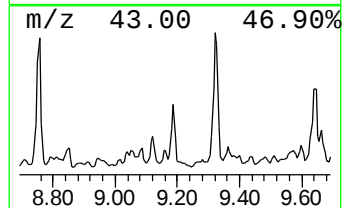
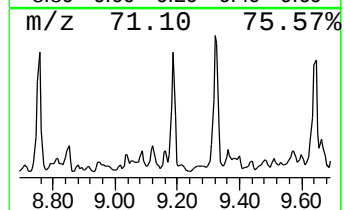
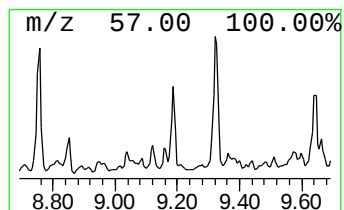
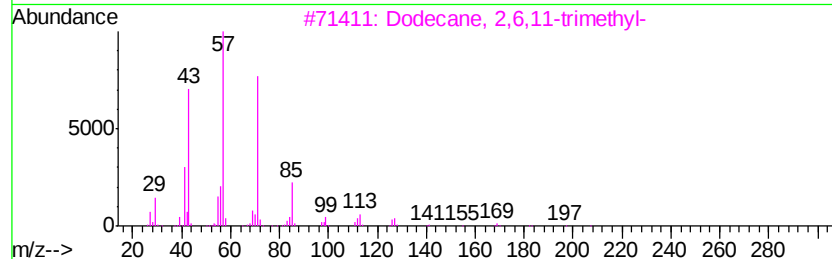
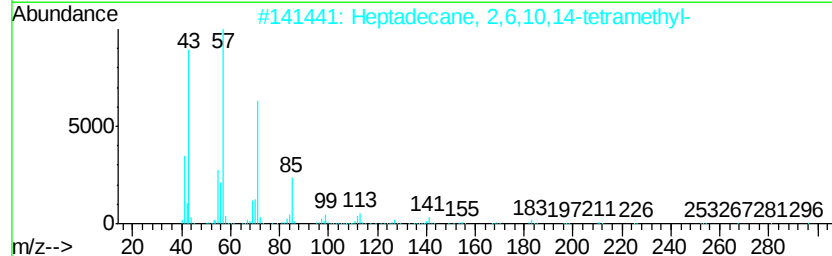
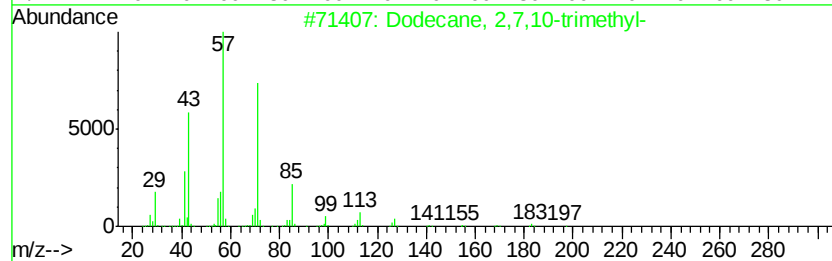
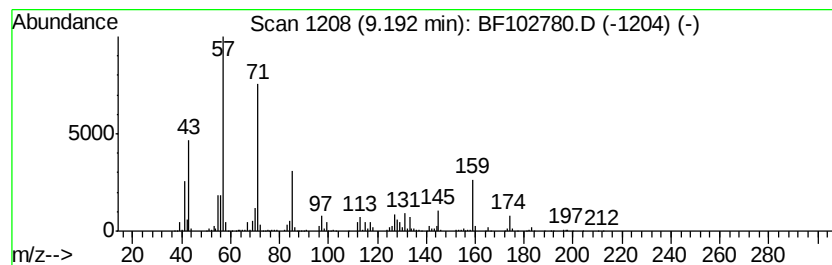
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	36.41 ng	2117440	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
2		Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	78
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	78
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	59



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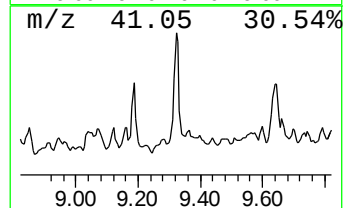
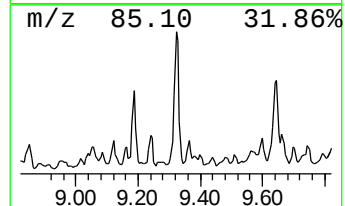
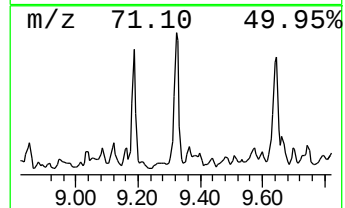
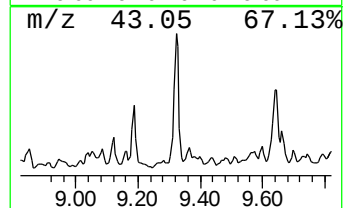
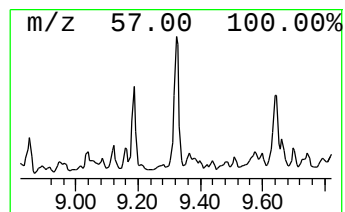
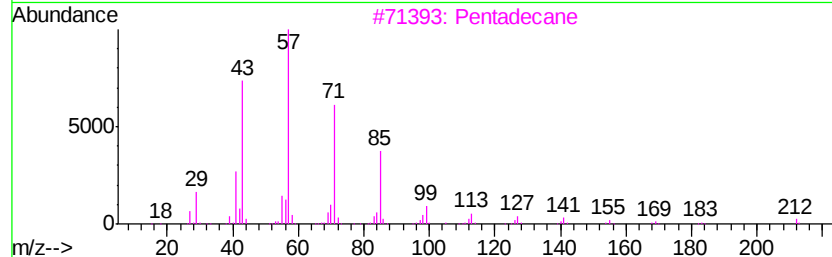
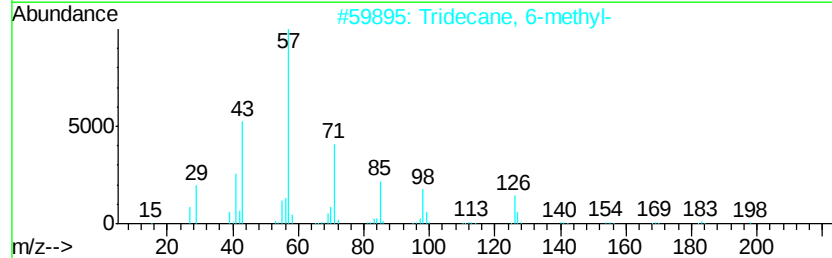
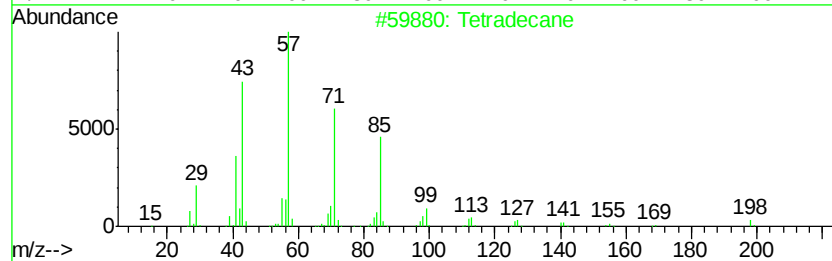
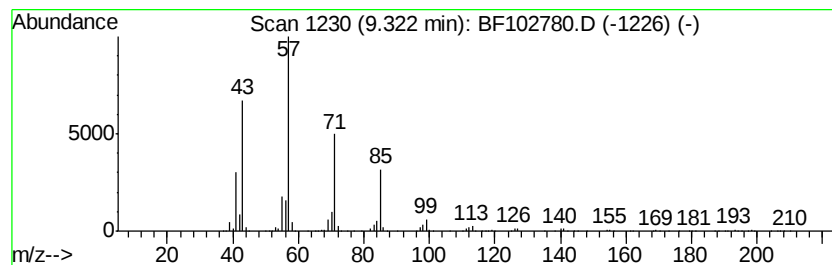
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	80.45 ng	4679410	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	95
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane	184	C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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Misc :
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ClientSampleId :
8-SAN-9-EW(4-6)

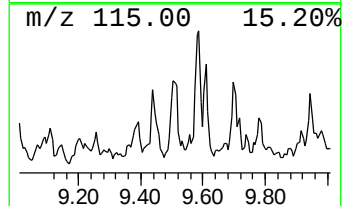
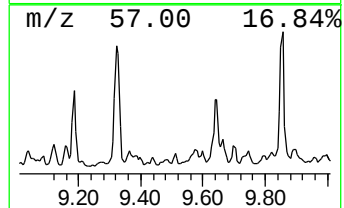
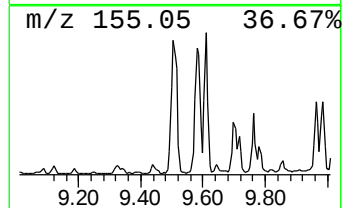
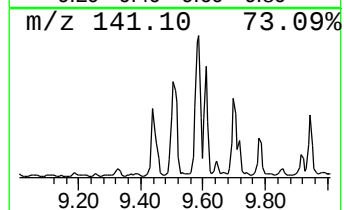
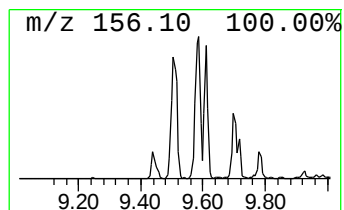
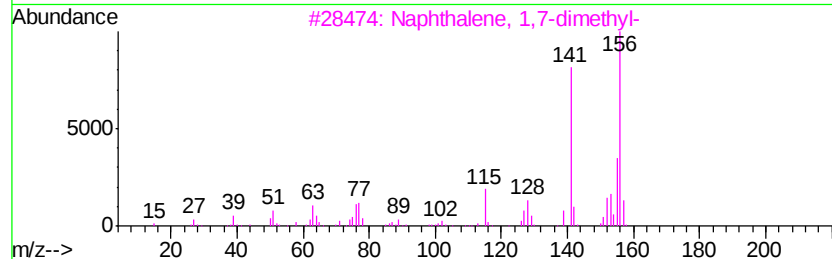
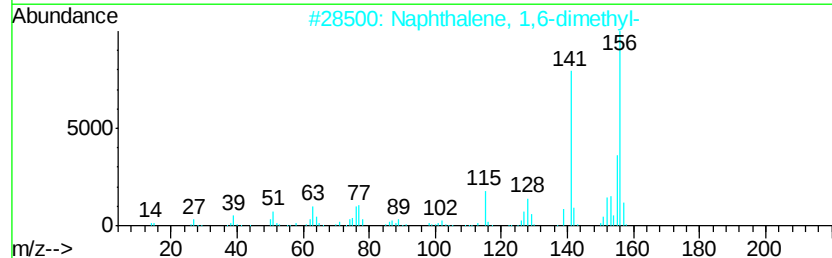
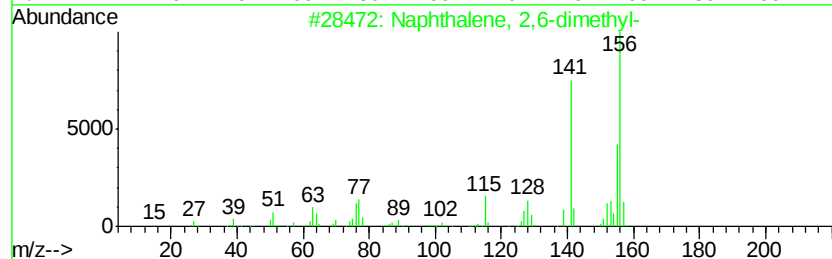
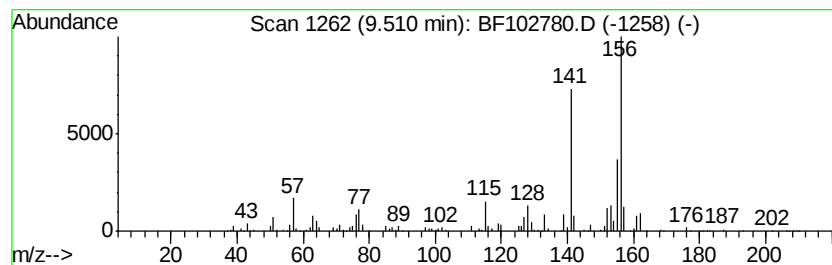
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	28.40 ng	1651980	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	98
4		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
5		Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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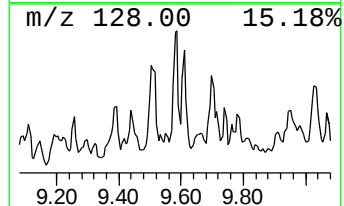
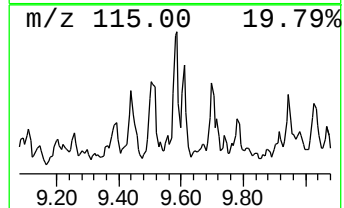
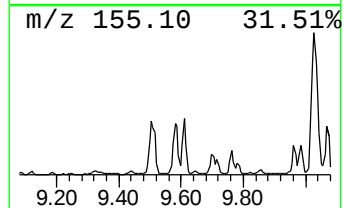
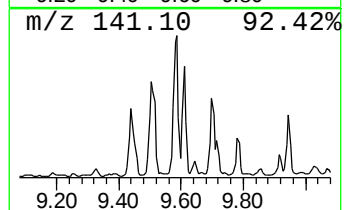
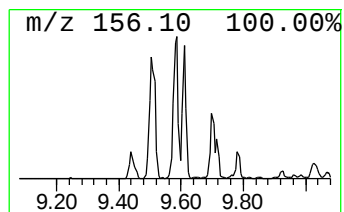
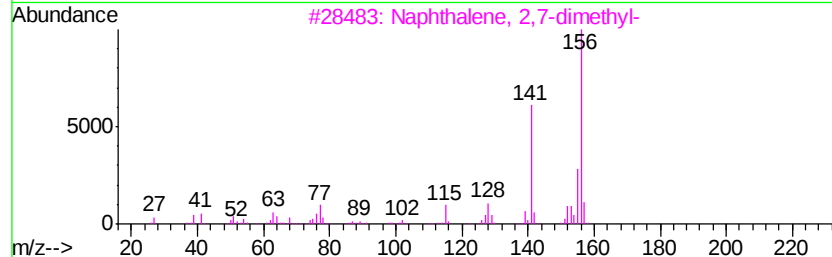
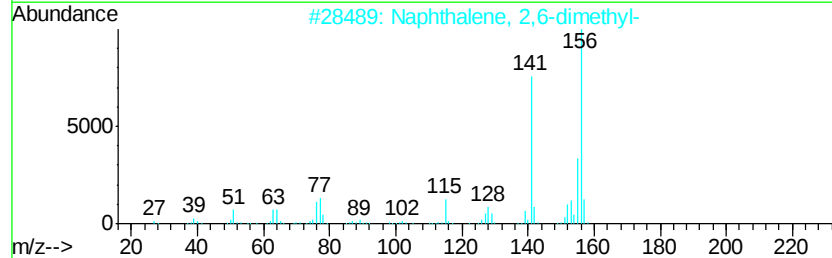
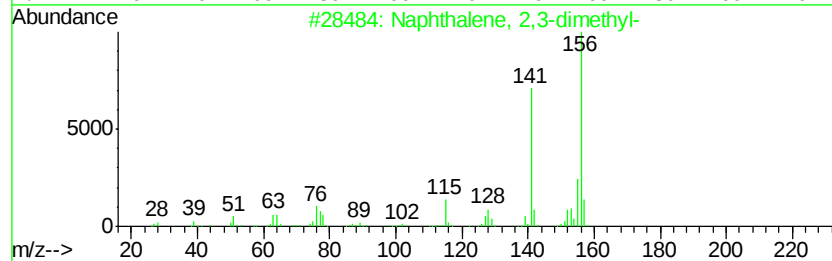
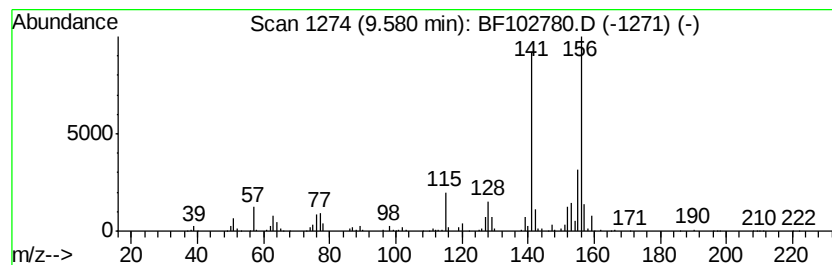
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8-SAN-9-EW(4-6)

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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, 2,3-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	21.97 ng	1277710	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 97
2		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 97
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 97
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 97
5		Naphthalene, 1,3-dimethyl-	156 C12H12	000575-41-7 96



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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Instrument :
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8-SAN-9-EW(4-6)

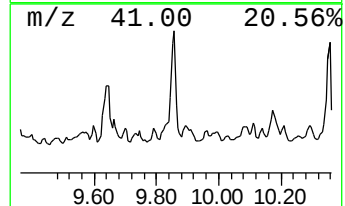
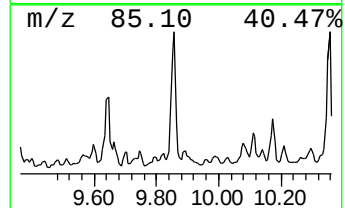
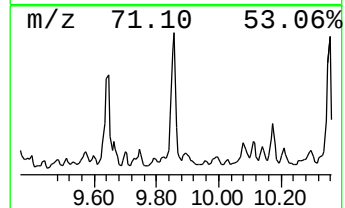
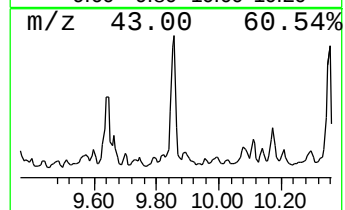
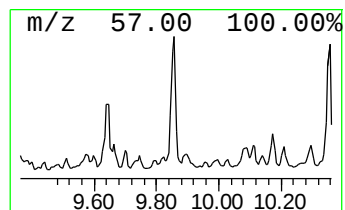
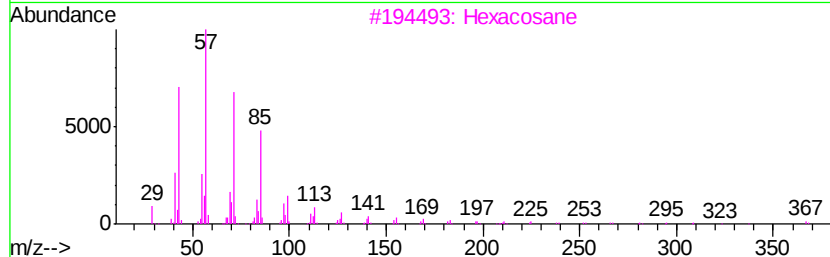
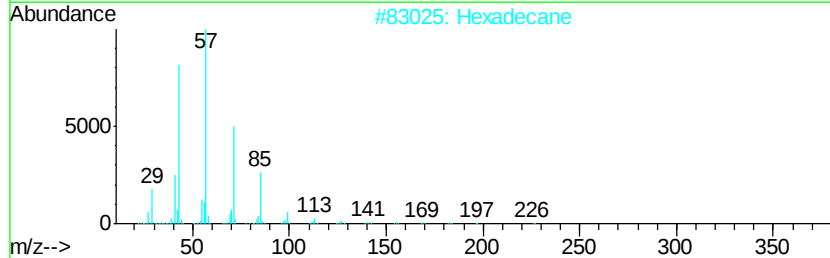
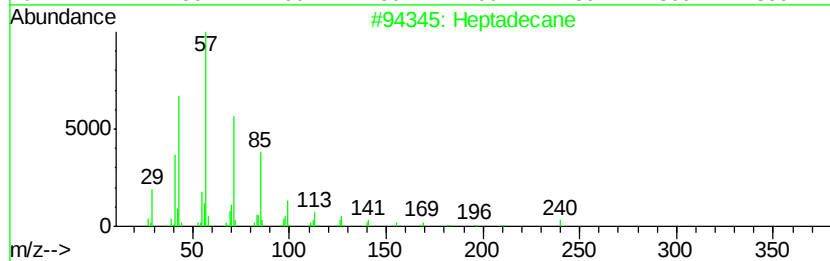
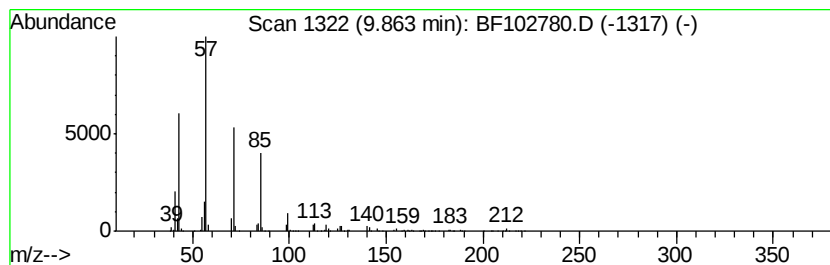
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 Heptadecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.86	68.84 ng	4004030	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	90
2		Hexadecane	226	C16H34	000544-76-3	86
3		Hexacosane	366	C26H54	000630-01-3	83
4		Heneicosane	296	C21H44	000629-94-7	83
5		Tridecane	184	C13H28	000629-50-5	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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8-SAN-9-EW(4-6)

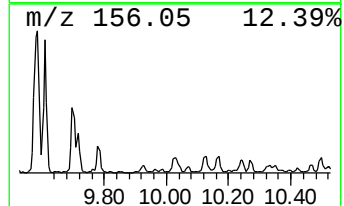
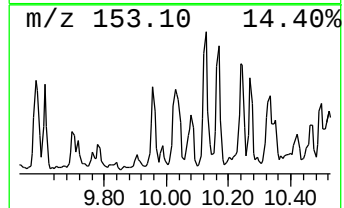
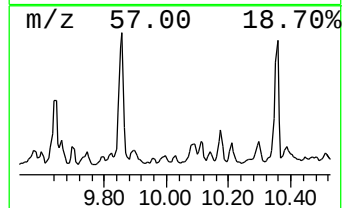
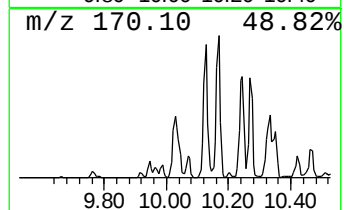
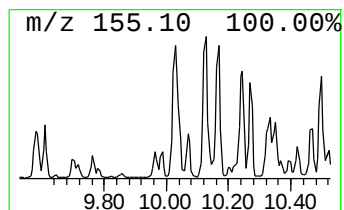
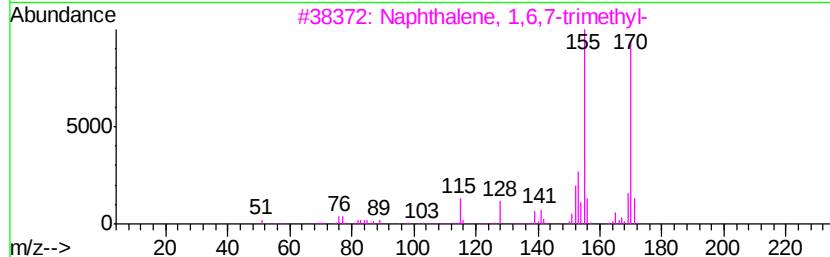
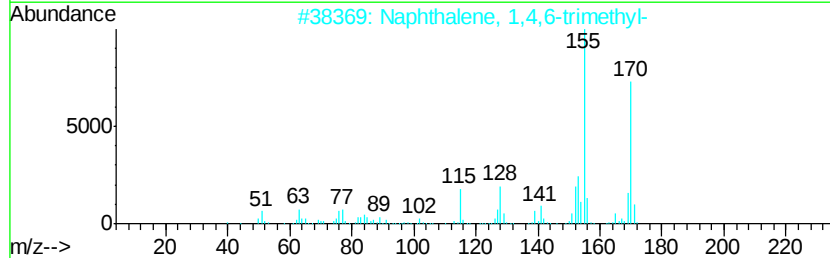
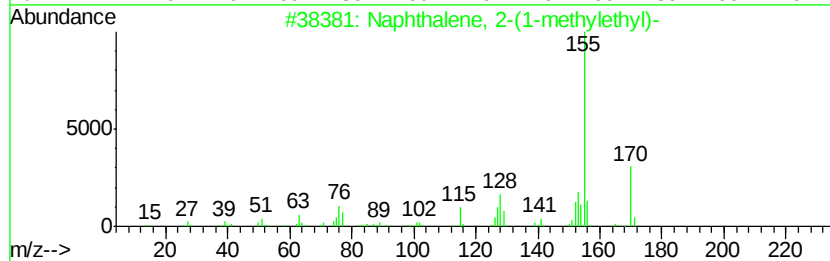
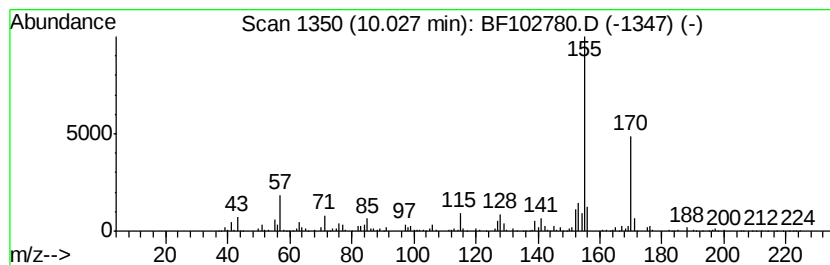
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Naphthalene, 2-(1-methyleth... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.03	23.12 ng	1344830	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-(1-methylethyl)-	170	C13H14	002027-17-0	91
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	89
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	76
4		2-Naphthyl methyl ketone	170	C12H10O	000093-08-3	68
5		2,5-Dimethoxythiophenol	170	C8H10O2S	001483-27-8	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102780.D
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Operator : SJ/JU
Sample : J1454-12
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

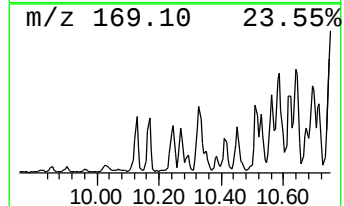
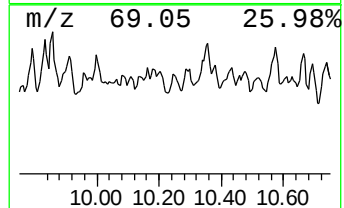
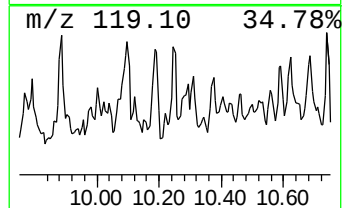
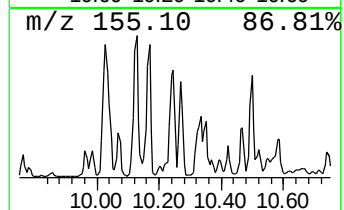
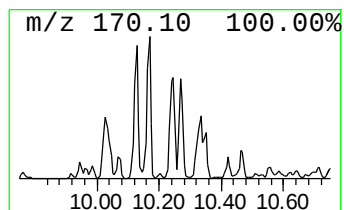
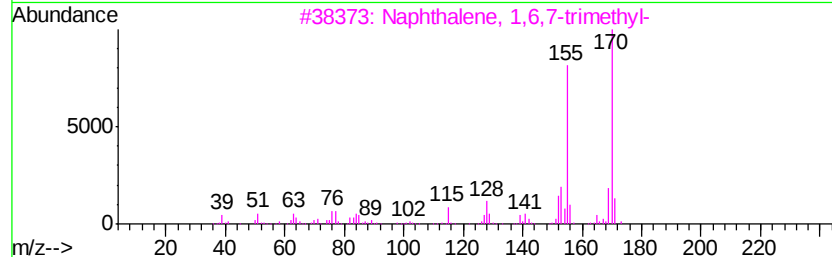
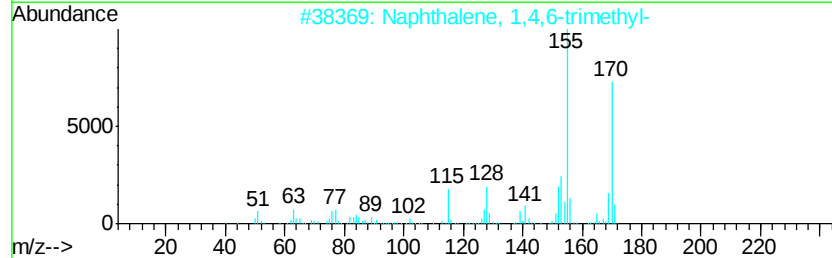
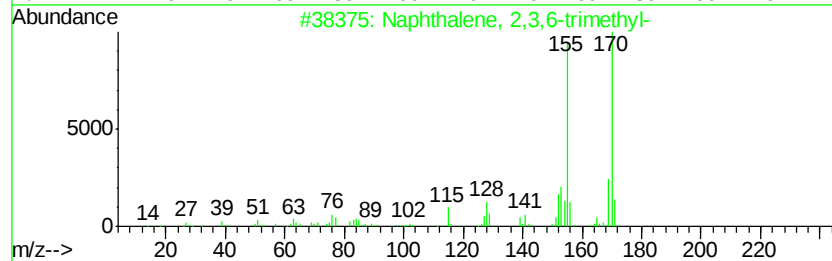
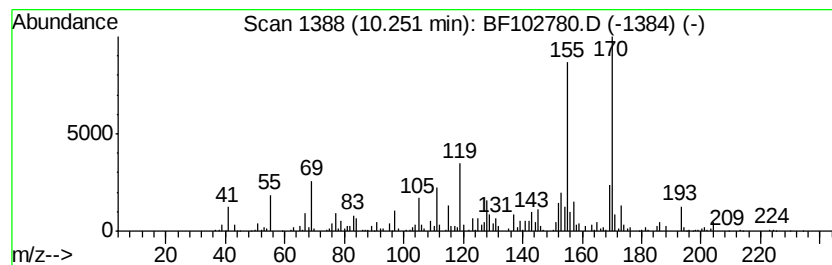
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 2,3,6-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.25	21.16 ng	1230490	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	98
2		Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	97
3		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	91
5		1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

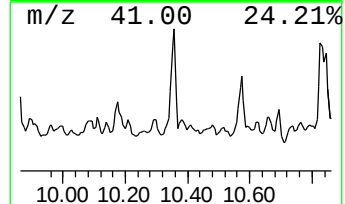
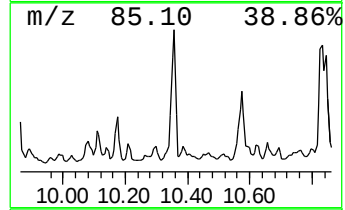
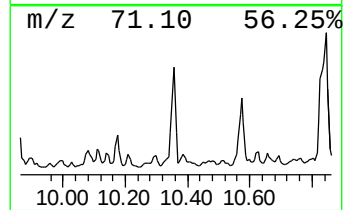
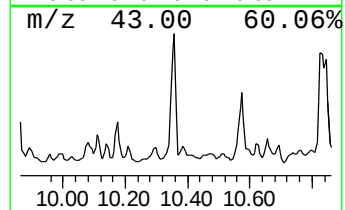
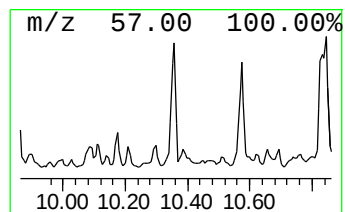
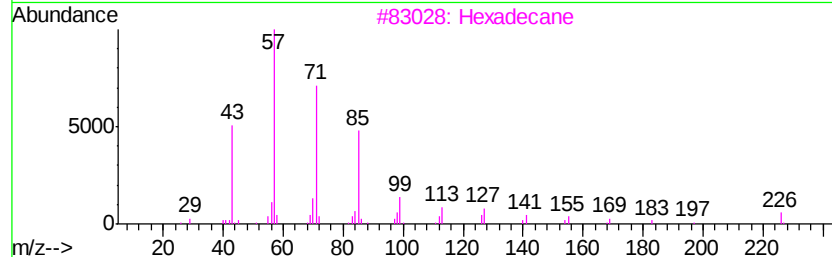
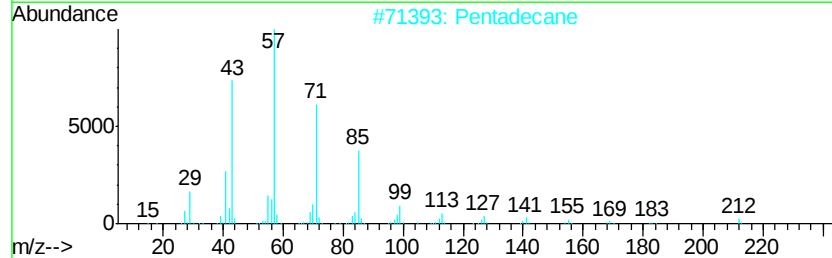
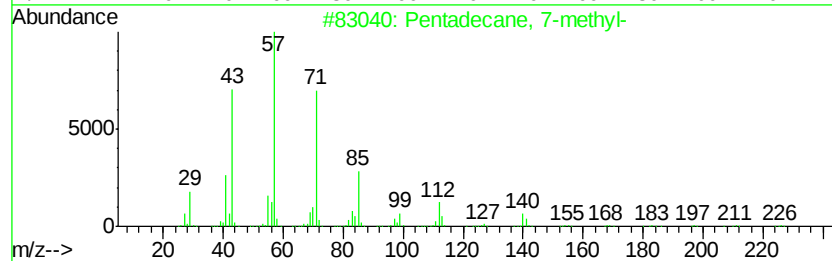
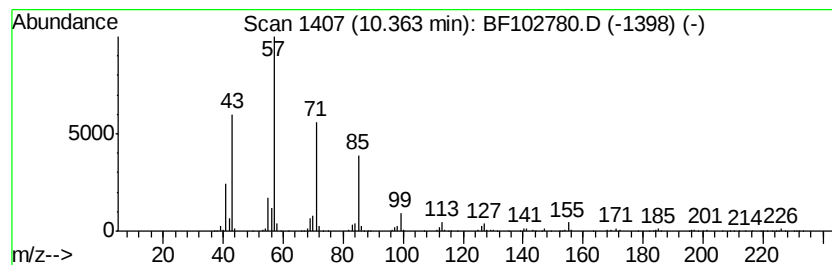
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ClientSampleId :
8-SAN-9-EW(4-6)

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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 Pentadecane, 7-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	85.76 ng	4988320	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Hexadecane	226 C16H34	000544-76-3	87
4	5-Ethyldecane	170 C12H26	017302-36-2	86
5	Tridecane	184 C13H28	000629-50-5	86



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

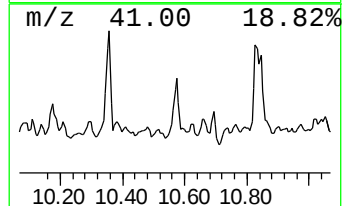
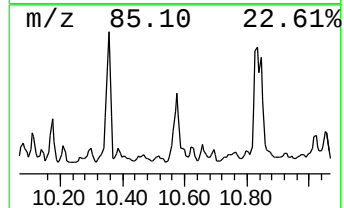
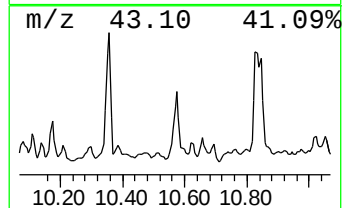
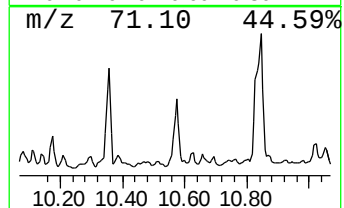
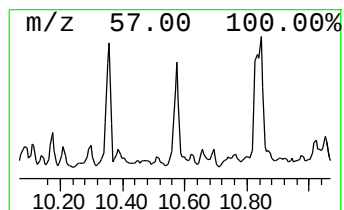
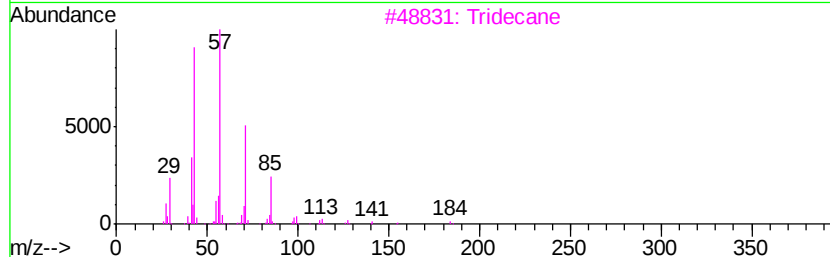
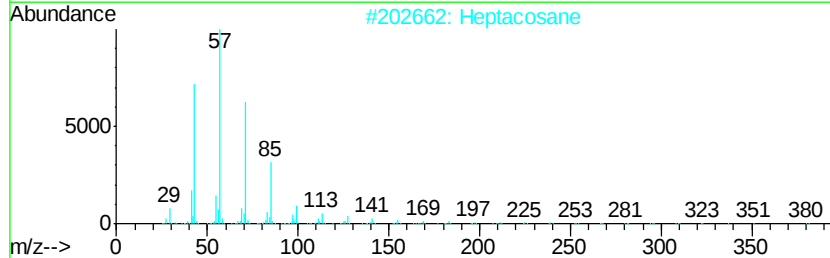
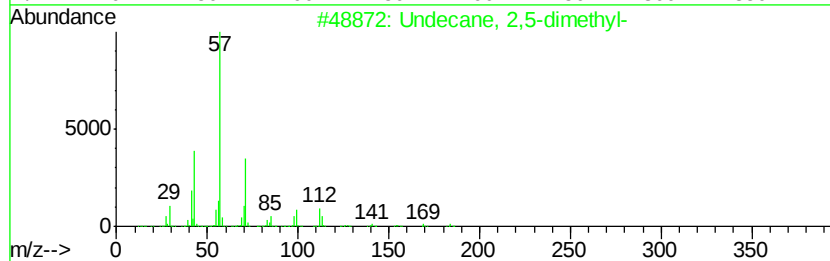
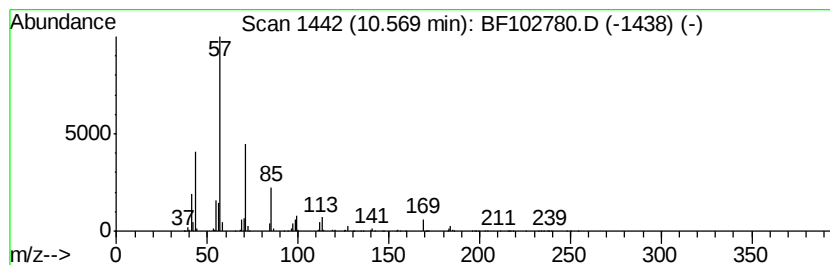
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	62.46 ng	3632630	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	81
2		Heptacosane	380	C27H56	000593-49-7	80
3		Tridecane	184	C13H28	000629-50-5	80
4		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
5		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	74



Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
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Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

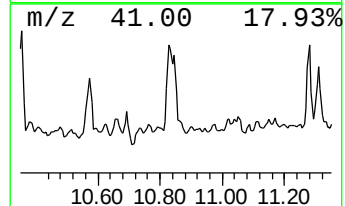
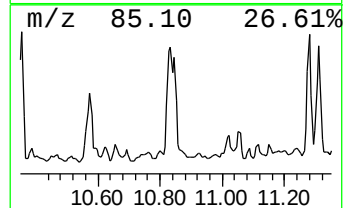
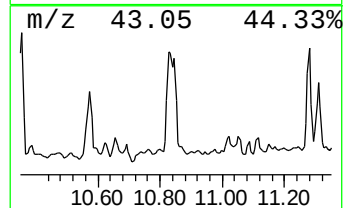
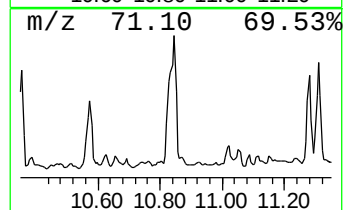
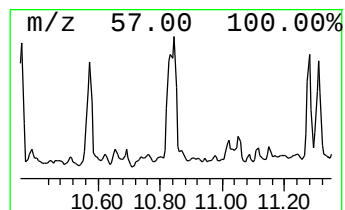
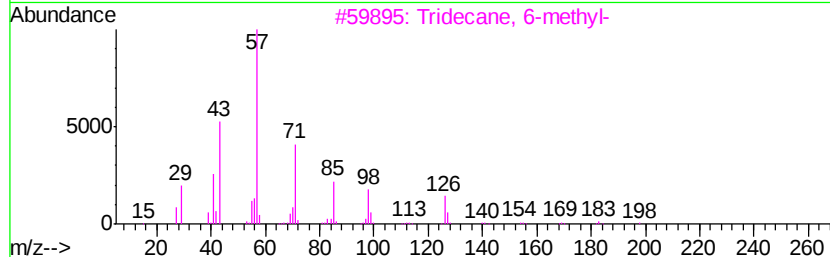
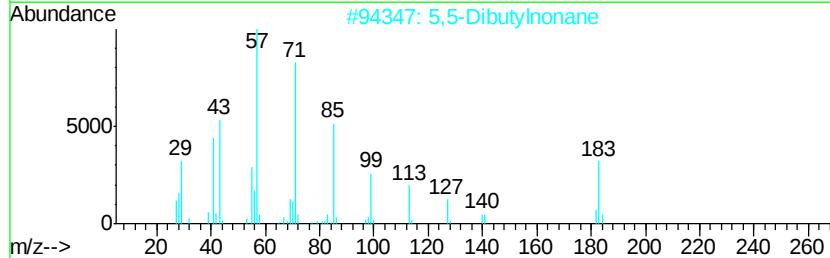
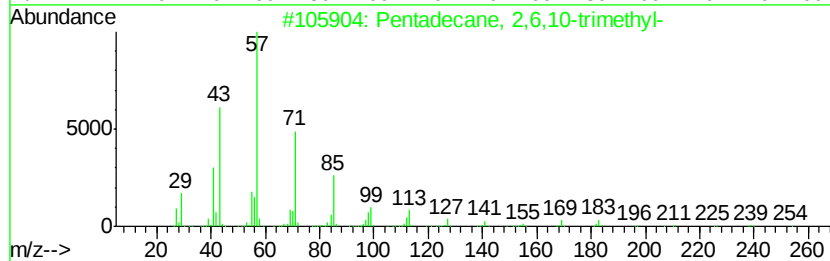
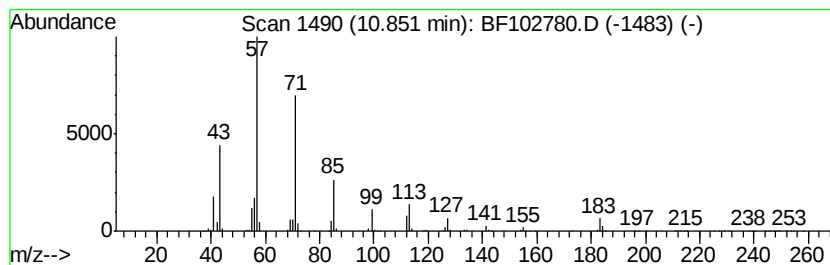
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Pentadecane, 2,6,10-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.85	101.76 ng	6719420	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	78
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	64
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
5		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	59



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

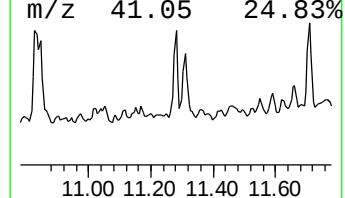
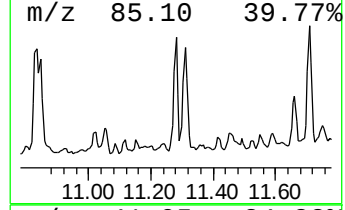
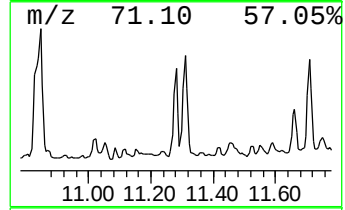
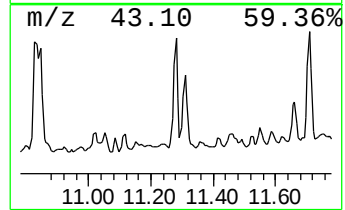
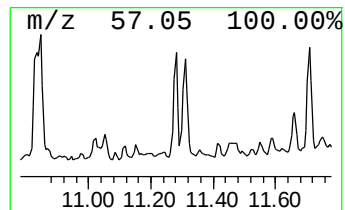
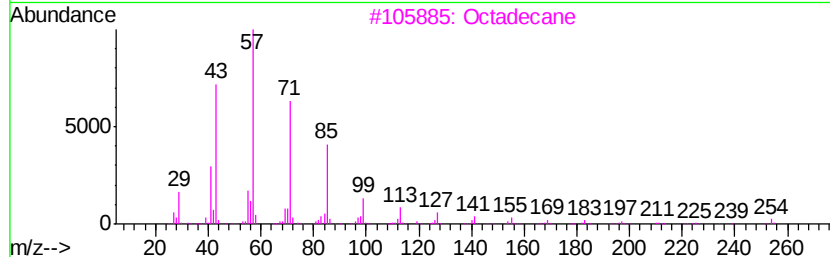
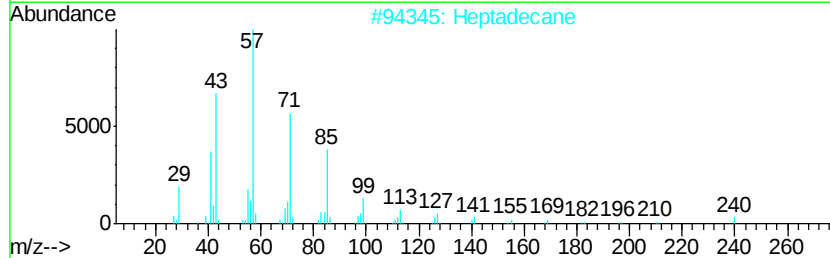
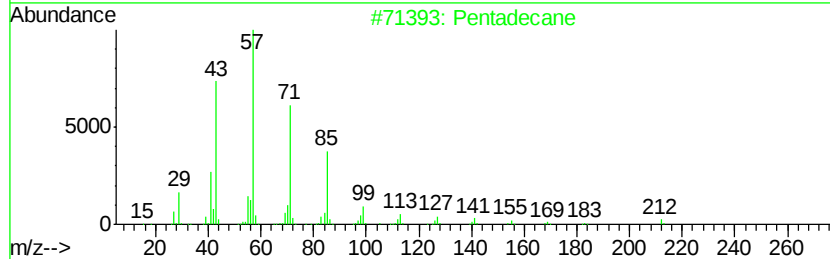
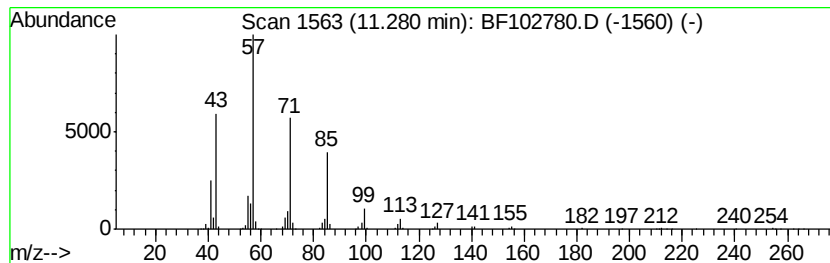
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.28	36.21 ng	2390890	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Heptadecane	240	C17H36	000629-78-7	87
3		Octadecane	254	C18H38	000593-45-3	78
4		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72
5		Tridecane	184	C13H28	000629-50-5	72



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-SAN-9-EW(4-6)

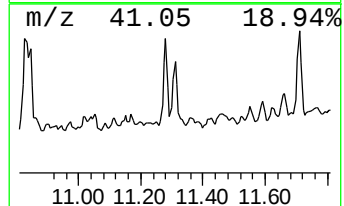
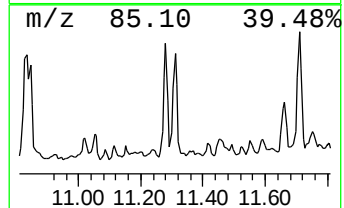
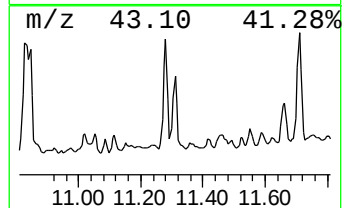
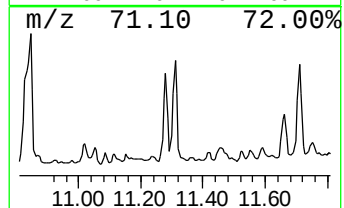
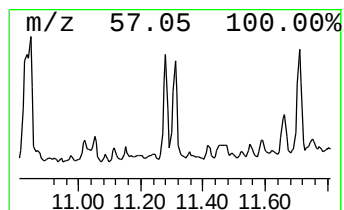
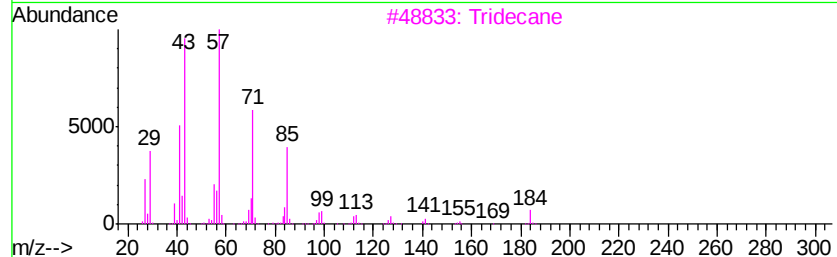
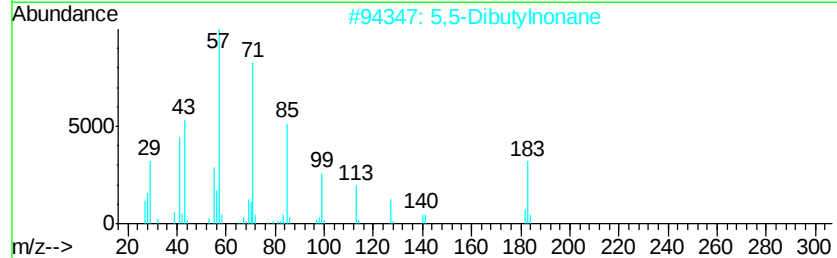
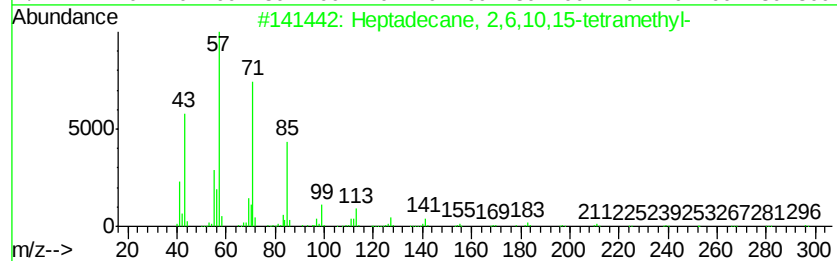
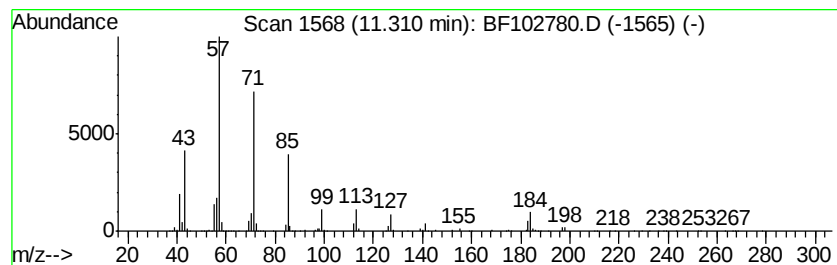
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heptadecane, 2,6,10,15-tetr... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	52.19 ng	3446370	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	80
2		5,5-Dibutylnonane	240	C17H36	006008-17-9	80
3		Tridecane	184	C13H28	000629-50-5	80
4		Hexacosane	366	C26H54	000630-01-3	78
5		Tetracosane	338	C24H50	000646-31-1	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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ClientSampleId :
8-SAN-9-EW(4-6)

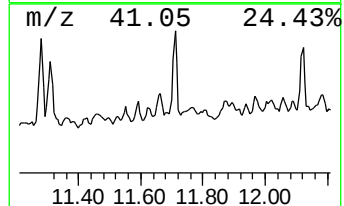
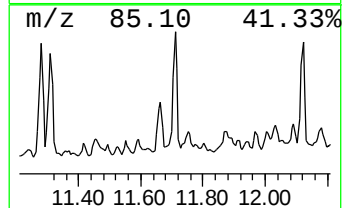
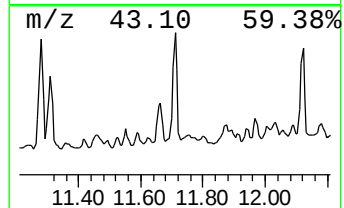
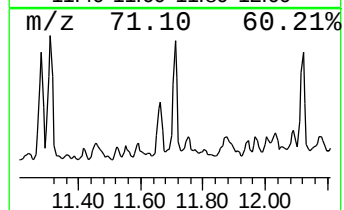
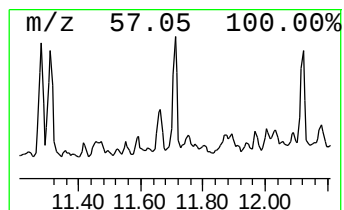
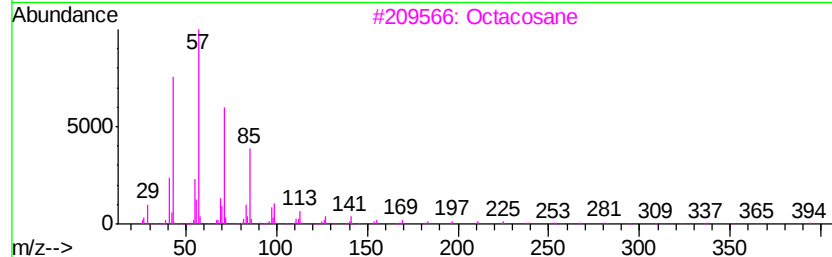
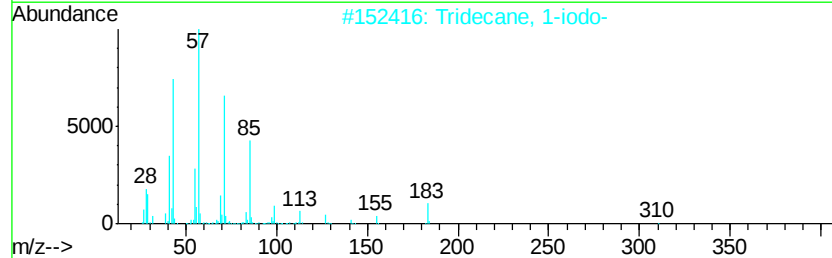
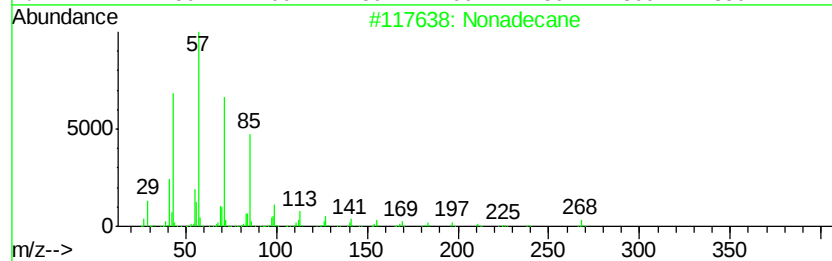
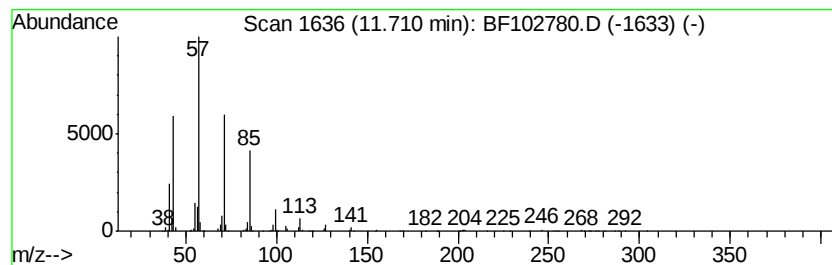
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Nonadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	40.56 ng	2678500	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane	268	C19H40	000629-92-5	91
2		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
3		Octacosane	394	C28H58	000630-02-4	90
4		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
5		Octadecane	254	C18H38	000593-45-3	81



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
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Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
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Misc :
ALS Vial : 10 Sample Multiplier: 1

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ClientSampleId :
8-SAN-9-EW(4-6)

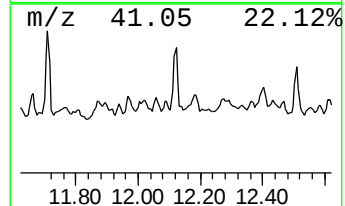
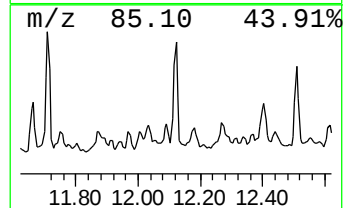
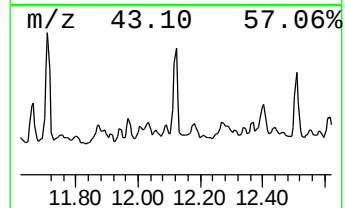
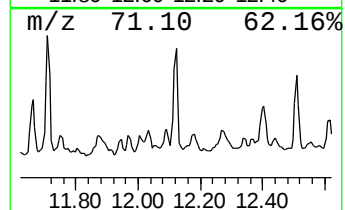
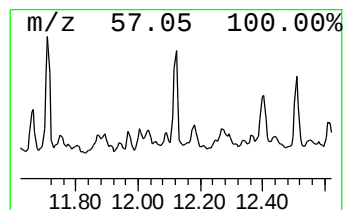
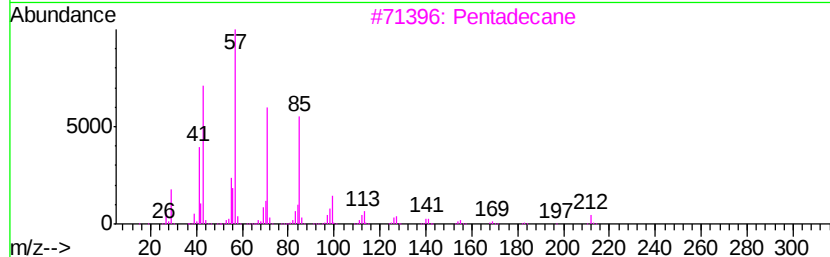
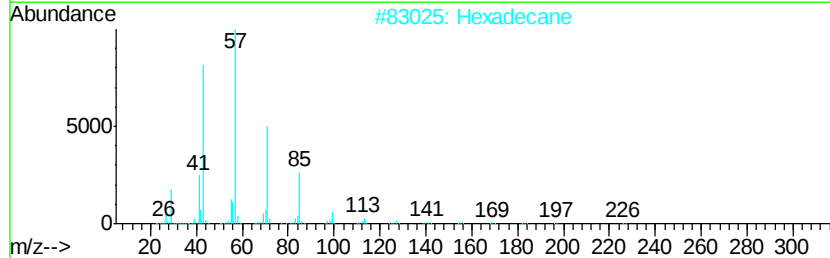
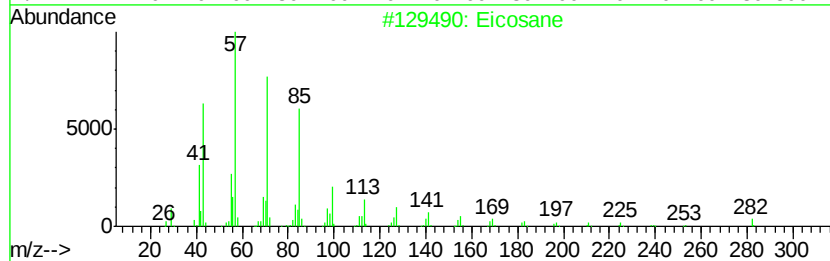
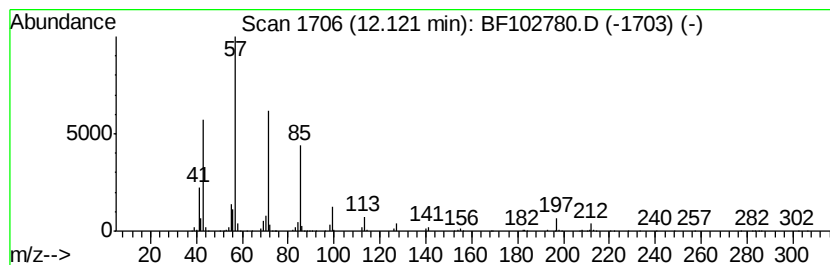
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Eicosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.12	36.12 ng	2384910	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	93
2		Hexadecane	226	C16H34	000544-76-3	86
3		Pentadecane	212	C15H32	000629-62-9	78
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78
5		Heptacosane	380	C27H56	000593-49-7	78



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(4-6)

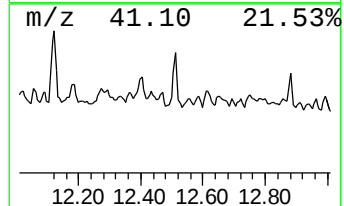
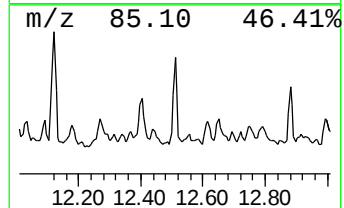
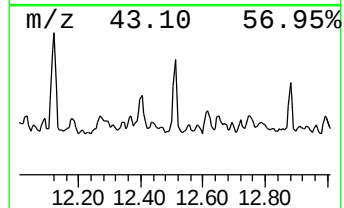
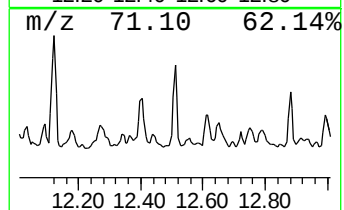
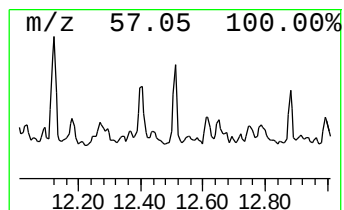
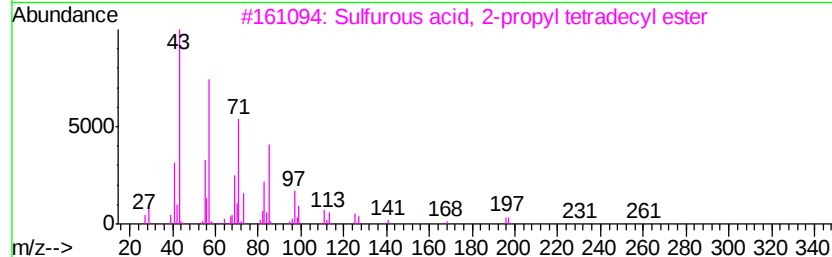
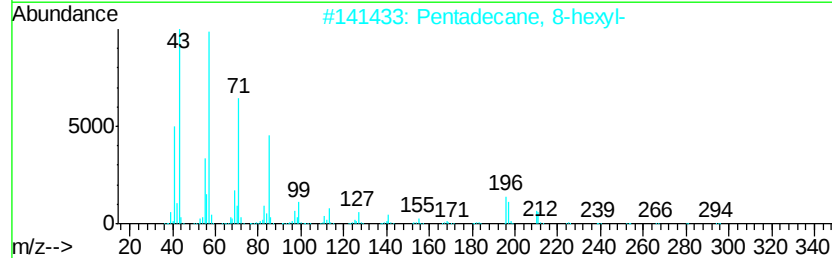
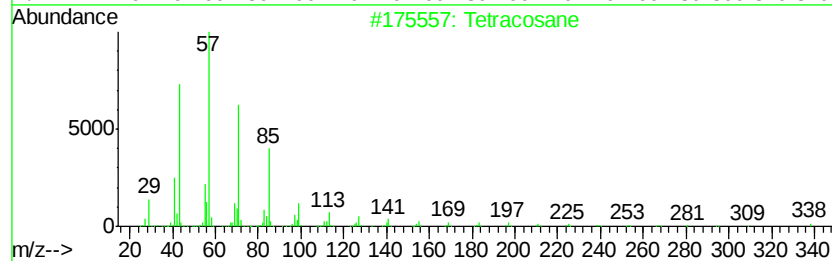
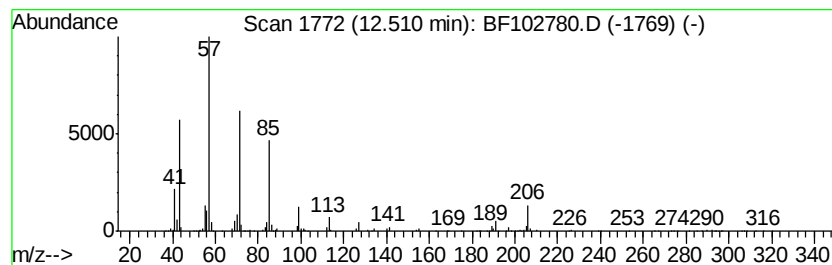
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetracosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	26.15 ng	1726910	Phenanthrene-d10	11.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetracosane	338	C24H50	000646-31-1	86
2		Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	72
3		Sulfurous acid, 2-propyl tetradecyl ester	320	C17H36O3S	1000309-12-5	64
4		Hexadecane	226	C16H34	000544-76-3	53
5		Eicosane	282	C20H42	000112-95-8	53



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
Data File : BF102780.D
Acq On : 6 Feb 2018 13:30
Operator : SJ/JU
Sample : J1454-12
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
8-SAN-9-EW(4-6)

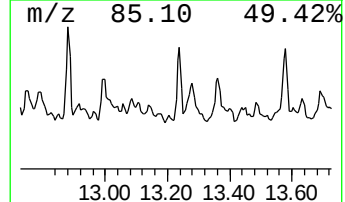
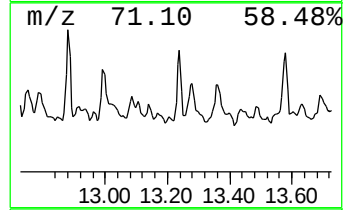
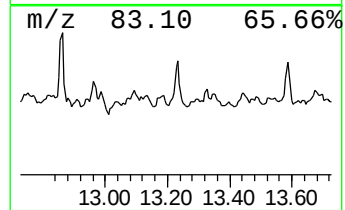
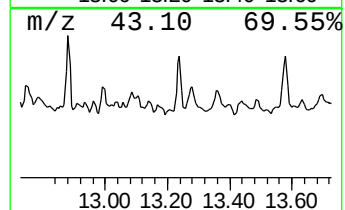
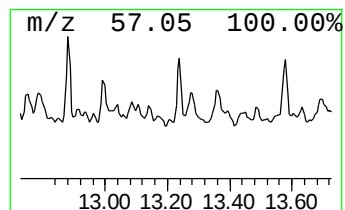
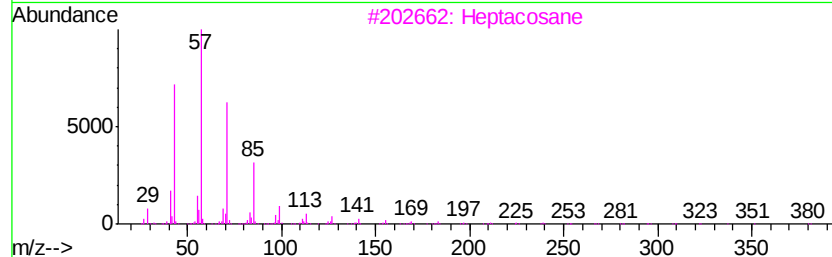
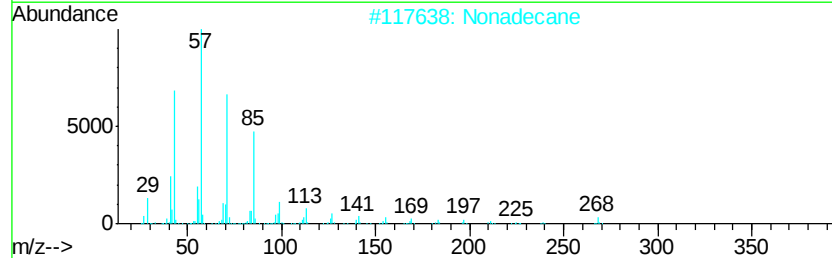
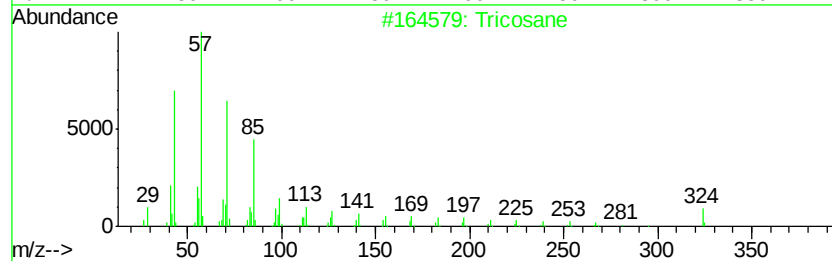
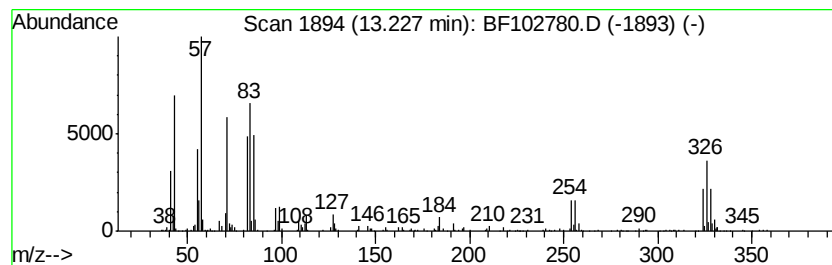
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tricosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.23	20.00 ng	971591	Chrysene-d12	14.07

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	86
2		Nonadecane	268	C19H40	000629-92-5	58
3		Heptacosane	380	C27H56	000593-49-7	58
4		Hexadecane	226	C16H34	000544-76-3	52
5		Dodecane, 2-methyl-	184	C13H28	001560-97-0	52



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020618\
 Data File : BF102780.D
 Acq On : 6 Feb 2018 13:30
 Operator : SJ/JU
 Sample : J1454-12
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 8-SAN-9-EW(4-6)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
unknown6.65	6.65	55.1	ng	4622470	1	6.88	1676780	20.0
Octane, 3,6-dimet...	8.59	20.4	ng	1746120	2	8.16	1709990	20.0
Tridecane	8.76	39.1	ng	3346290	2	8.16	1709990	20.0
Dodecane, 2,7,10-...	9.19	36.4	ng	2117440	3	9.93	1163260	20.0
Tetradecane	9.32	80.5	ng	4679410	3	9.93	1163260	20.0
Naphthalene, 2,6-...	9.51	28.4	ng	1651980	3	9.93	1163260	20.0
Naphthalene, 2,3-...	9.58	22.0	ng	1277710	3	9.93	1163260	20.0
Heptadecane	9.86	68.8	ng	4004030	3	9.93	1163260	20.0
Naphthalene, 2-(1...	10.03	23.1	ng	1344830	3	9.93	1163260	20.0
Naphthalene, 2,3,...	10.25	21.2	ng	1230490	3	9.93	1163260	20.0
Pentadecane, 7-me...	10.36	85.8	ng	4988320	3	9.93	1163260	20.0
Undecane, 2,5-dim...	10.57	62.5	ng	3632630	3	9.93	1163260	20.0
Pentadecane, 2,6,...	10.85	101.8	ng	6719420	4	11.42	1320650	20.0
Pentadecane	11.28	36.2	ng	2390890	4	11.42	1320650	20.0
Heptadecane, 2,6,...	11.31	52.2	ng	3446370	4	11.42	1320650	20.0
Nonadecane	11.71	40.6	ng	2678500	4	11.42	1320650	20.0
Eicosane	12.12	36.1	ng	2384910	4	11.42	1320650	20.0
Tetracosane	12.51	26.1	ng	1726910	4	11.42	1320650	20.0
Tricosane	13.23	20.0	ng	971591	5	14.07	971591	20.0