

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107911.D
 Acq On : 2 Aug 2018 16:07
 Operator : JU/SJ
 Sample : J4267-14 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-B

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:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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	5.178	477	483	493	rBV2	143192	234350	5.38%	0.312%
2	5.601	551	555	571	rBV	222735	726623	16.67%	0.968%
3	6.478	699	704	709	rBV4	138315	228472	5.24%	0.304%
4	6.613	720	727	734	rBV	345625	835217	19.17%	1.113%
5	6.731	743	747	751	rBV	616404	841212	19.30%	1.121%
6	6.766	751	753	761	rVB	427988	539949	12.39%	0.720%
7	6.954	779	785	791	rBV2	407183	706777	16.22%	0.942%
8	7.107	808	811	818	rVV	696272	877829	20.14%	1.170%
9	7.207	823	828	831	rBV4	207352	241258	5.54%	0.322%
10	7.266	835	838	843	rVB3	137489	167209	3.84%	0.223%
11	7.472	868	873	877	rVV3	263923	468296	10.75%	0.624%
12	7.525	877	882	887	rVV2	859773	1132050	25.98%	1.509%
13	7.583	889	892	895	rVB4	214604	254998	5.85%	0.340%
14	7.630	895	900	903	rBV5	150552	228226	5.24%	0.304%
15	7.707	911	913	916	rVB2	158071	141352	3.24%	0.188%
16	7.748	916	920	925	rVB2	357740	481002	11.04%	0.641%
17	7.813	925	931	932	rBV4	90216	157049	3.60%	0.209%
18	7.836	932	935	937	rBV2	203353	175137	4.02%	0.233%
19	7.866	937	940	943	rBV3	275101	313349	7.19%	0.418%
20	7.966	954	957	962	rBV2	551400	653414	14.99%	0.871%
21	8.036	966	969	972	rBV4	140762	177531	4.07%	0.237%
22	8.095	976	979	981	rVB3	168561	171816	3.94%	0.229%
23	8.125	981	984	986	rBV2	133004	157767	3.62%	0.210%
24	8.195	993	996	1000	rVV2	1295444	1563690	35.88%	2.084%
25	8.236	1000	1003	1006	rVV	960265	1317149	30.22%	1.755%
26	8.272	1006	1009	1012	rVV	1411820	1366852	31.37%	1.822%
27	8.307	1012	1015	1020	rVV3	240608	334277	7.67%	0.445%
28	8.366	1023	1025	1028	rVV2	102122	156051	3.58%	0.208%
29	8.401	1028	1031	1032	rVV3	170400	185487	4.26%	0.247%
30	8.425	1032	1035	1040	rVB3	397243	400064	9.18%	0.533%
31	8.507	1046	1049	1054	rVB3	633535	849018	19.48%	1.131%
32	8.554	1054	1057	1061	rBV4	234312	416358	9.55%	0.555%
33	8.589	1061	1063	1068	rVV4	380652	505256	11.59%	0.673%
34	8.636	1068	1071	1073	rVV	1379534	1226435	28.14%	1.634%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.660	1073	1075	1078	rVV2	250733	220118	5.05%	0.293%
36	8.730	1084	1087	1089	rBV2	429505	376986	8.65%	0.502%
37	8.760	1089	1092	1094	rBV2	604647	575547	13.21%	0.767%
38	8.807	1097	1100	1104	rVB	2003998	1740787	39.95%	2.320%
39	8.901	1113	1116	1121	rVB2	686101	746992	17.14%	0.996%
40	8.948	1121	1124	1130	rBV	577474	800210	18.36%	1.066%
41	9.001	1130	1133	1135	rBV2	218269	275656	6.33%	0.367%
42	9.048	1139	1141	1144	rBV	520876	507655	11.65%	0.677%
43	9.089	1146	1148	1149	rVV	261969	215339	4.94%	0.287%
44	9.130	1152	1155	1158	rVB3	546025	731899	16.79%	0.975%
45	9.172	1159	1162	1165	rVB	605268	554914	12.73%	0.740%
46	9.213	1166	1169	1170	rBV	481137	443562	10.18%	0.591%
47	9.236	1170	1173	1176	rVV	1959305	1546113	35.48%	2.061%
48	9.307	1180	1185	1188	rBV	1018174	1312368	30.11%	1.749%
49	9.377	1192	1197	1202	rBV	2560646	3105449	71.26%	4.139%
50	9.577	1227	1231	1234	rBV	642866	952135	21.85%	1.269%
51	9.648	1241	1243	1246	rBV	668297	678473	15.57%	0.904%
52	9.689	1246	1250	1258	rVB3	2069832	3369018	77.31%	4.490%
53	9.754	1258	1261	1262	rBV	301628	228030	5.23%	0.304%
54	9.783	1262	1266	1267	rBV3	240746	335934	7.71%	0.448%
55	9.848	1275	1277	1279	rBV2	314821	246554	5.66%	0.329%
56	9.907	1283	1287	1291	rVB	2783950	2663967	61.13%	3.550%
57	9.995	1300	1302	1307	rBV3	733017	711138	16.32%	0.948%
58	10.101	1317	1320	1323	rBV2	240160	345019	7.92%	0.460%
59	10.136	1323	1326	1328	rVV3	303331	392995	9.02%	0.524%
60	10.160	1328	1330	1332	rVV	470229	349013	8.01%	0.465%
61	10.189	1332	1335	1338	rVV2	563326	541133	12.42%	0.721%
62	10.224	1338	1341	1346	rBV3	782757	1273291	29.22%	1.697%
63	10.307	1352	1355	1358	rBV	455024	518432	11.90%	0.691%
64	10.342	1358	1361	1364	rVV2	632471	713479	16.37%	0.951%
65	10.407	1367	1372	1374	rVV	2840260	2923468	67.08%	3.896%
66	10.430	1374	1376	1379	rVB	425513	404563	9.28%	0.539%
67	10.624	1404	1409	1411	rBV	1884610	2223804	51.03%	2.964%
68	10.648	1411	1413	1416	rVB3	327796	258835	5.94%	0.345%
69	10.677	1416	1418	1421	rBV2	273496	233524	5.36%	0.311%
70	10.707	1421	1423	1427	rVB3	334798	373695	8.58%	0.498%
71	10.742	1427	1429	1433	rVB3	609714	568997	13.06%	0.758%

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72	10.795	1435	1438	1440	rBV	329755	374858	8.60%	0.500%
73	10.883	1449	1453	1458	rBV2	2644857	4357876	100.00%	5.808%
74	11.066	1482	1484	1486	rBV	273853	251770	5.78%	0.336%
75	11.160	1498	1500	1504	rVB	357058	342738	7.86%	0.457%
76	11.201	1504	1507	1509	rBV2	276288	319405	7.33%	0.426%
77	11.324	1525	1528	1531	rBV	2091035	1993268	45.74%	2.656%
78	11.354	1531	1533	1536	rVB	1418216	1233100	28.30%	1.643%
79	11.495	1554	1557	1559	rBV	620052	663364	15.22%	0.884%
80	11.595	1572	1574	1578	rVB	317947	305967	7.02%	0.408%
81	11.636	1579	1581	1585	rVB3	232277	224669	5.16%	0.299%
82	11.707	1590	1593	1596	rVV	350593	413868	9.50%	0.552%
83	11.754	1598	1601	1605	rVB	2090661	1777198	40.78%	2.368%
84	12.101	1658	1660	1663	rBV3	204620	218080	5.00%	0.291%
85	12.160	1667	1670	1674	rVB	1472885	1238944	28.43%	1.651%
86	12.442	1715	1718	1720	rVB	254451	247552	5.68%	0.330%
87	12.548	1733	1736	1743	rBV2	1273917	1215569	27.89%	1.620%
88	12.713	1761	1764	1770	rVB	584325	647320	14.85%	0.863%
89	12.918	1797	1799	1801	rBV	785120	674866	15.49%	0.899%
90	12.942	1801	1803	1808	rVB	501199	571196	13.11%	0.761%
91	13.071	1822	1825	1831	rVB	708255	787973	18.08%	1.050%
92	13.277	1857	1860	1863	rVB	624543	552745	12.68%	0.737%
93	13.618	1915	1918	1925	rVB	446373	416221	9.55%	0.555%
94	13.948	1971	1974	1980	rVB	403055	420745	9.65%	0.561%
95	14.089	1995	1998	2002	rVB	284607	242802	5.57%	0.324%
96	14.142	2003	2007	2011	rBV2	846131	1378008	31.62%	1.836%
97	14.265	2025	2028	2032	rVB2	223856	241610	5.54%	0.322%
98	14.571	2077	2080	2085	rBV	208542	226490	5.20%	0.302%
99	15.242	2188	2194	2206	rVB2	419437	1073930	24.64%	1.431%
100	15.683	2265	2269	2281	rVB	461860	932167	21.39%	1.242%

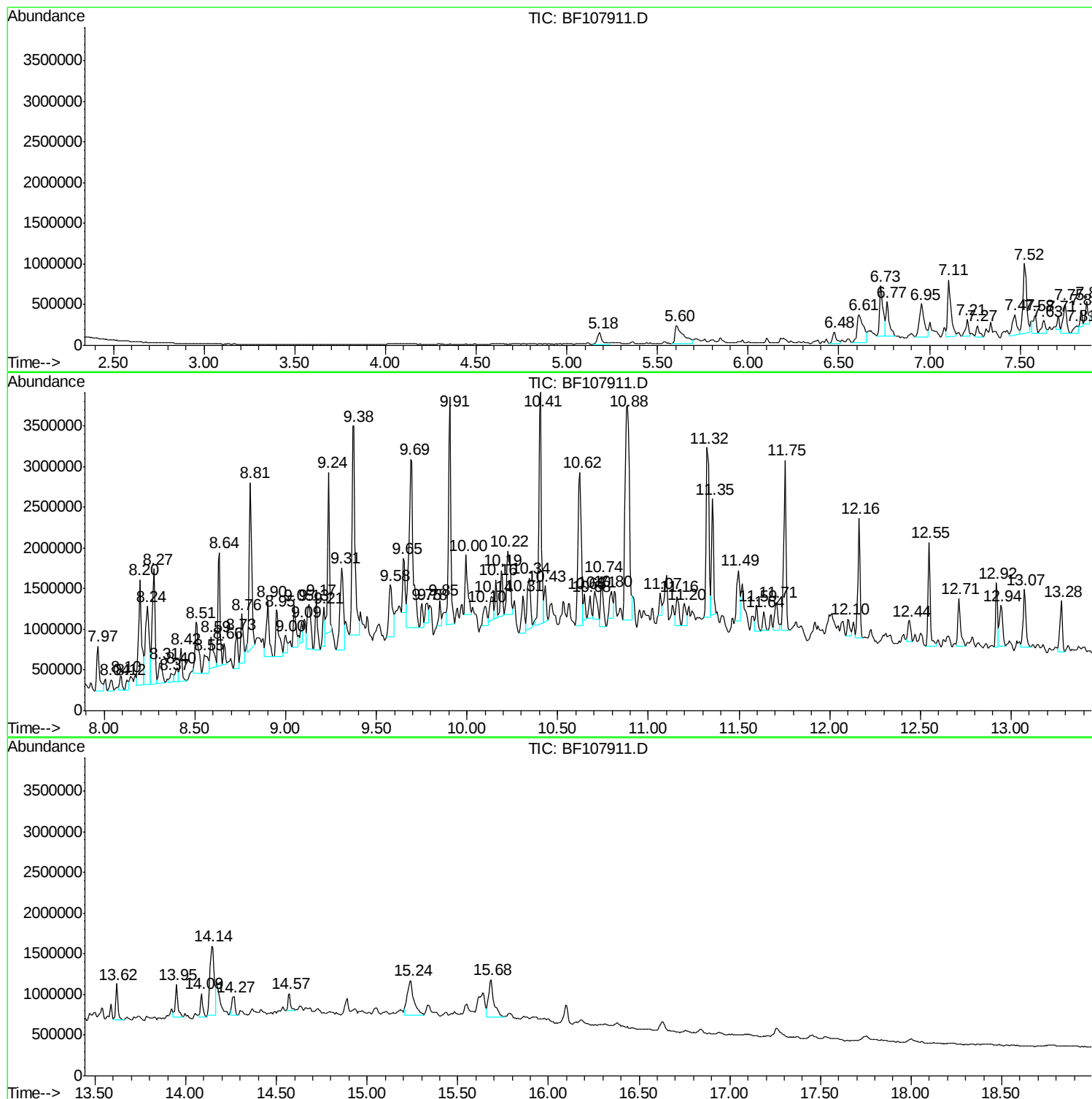
Sum of corrected areas: 75034911

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Instrument :
BNA_F
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.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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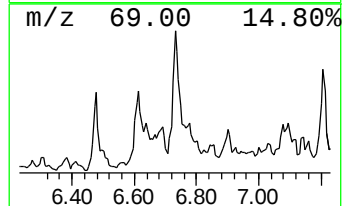
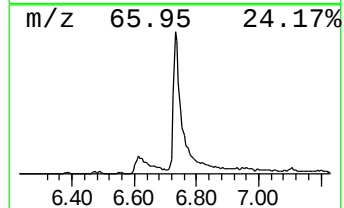
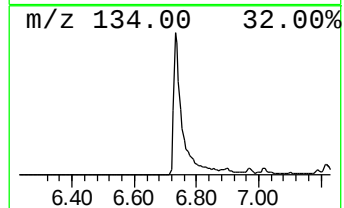
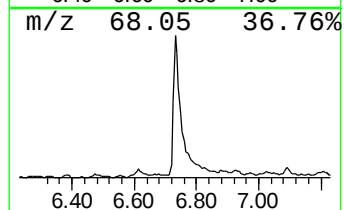
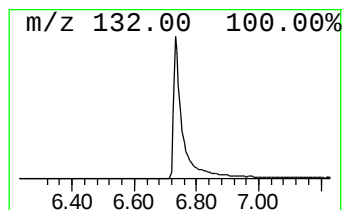
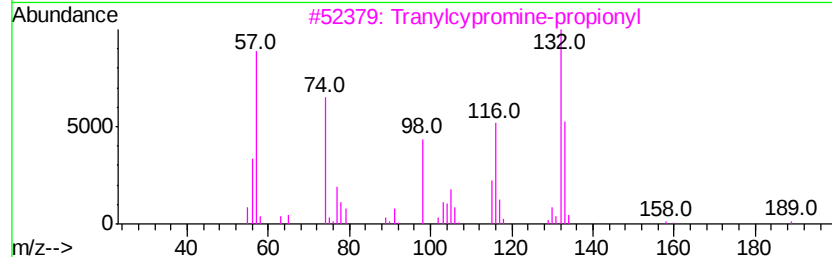
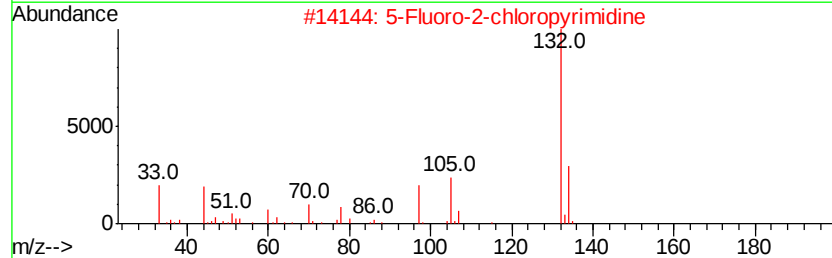
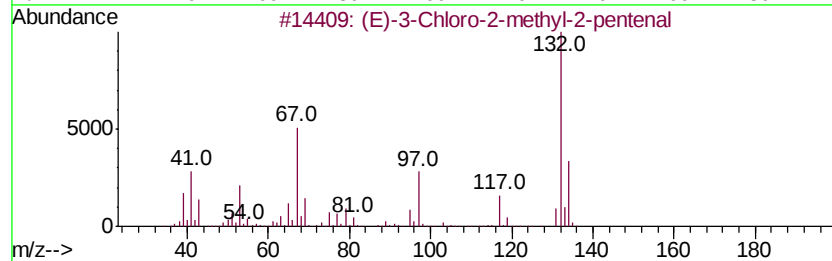
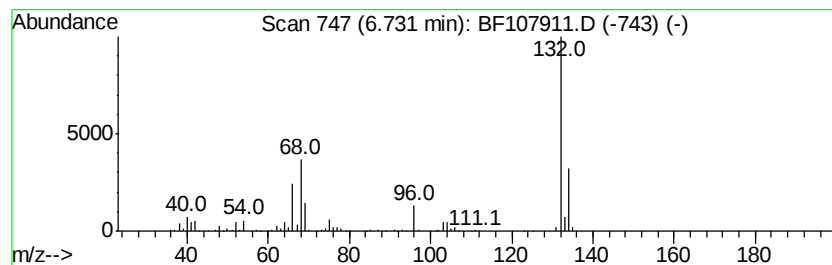
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.73 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	23.80 ng	841212	1,4-Dichlorobenzene-d4	6.95

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	25
2		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	17
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	12
4		N-(-phenylisopropyl)benzalimine	223	C16H17N	1000379-01-3	12
5		4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9



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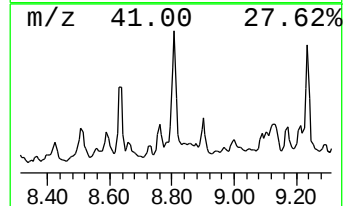
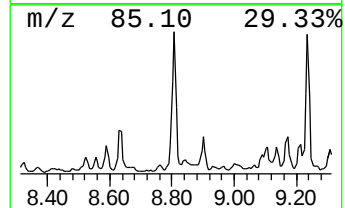
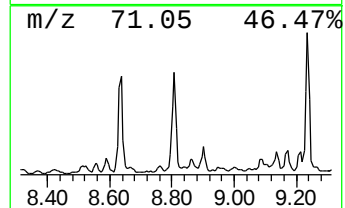
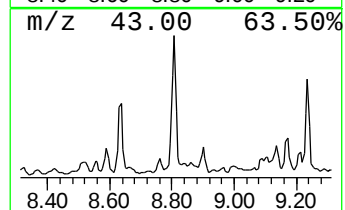
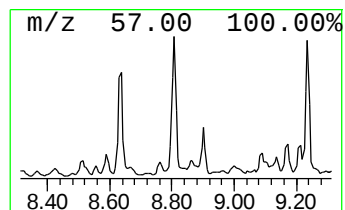
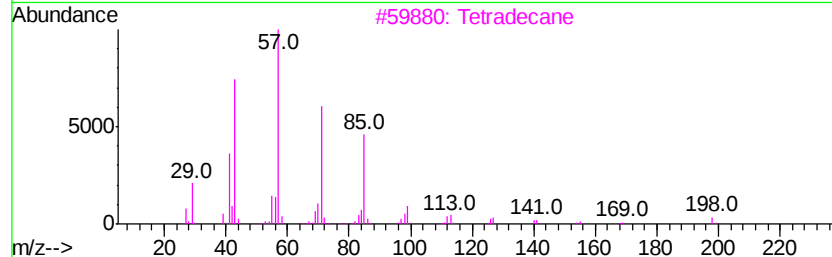
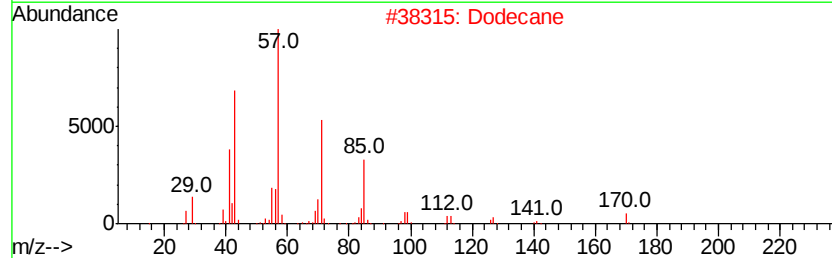
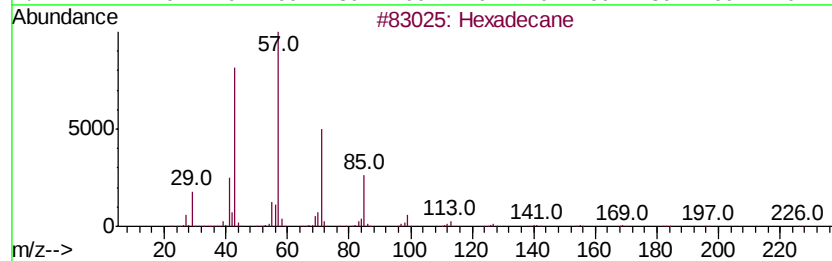
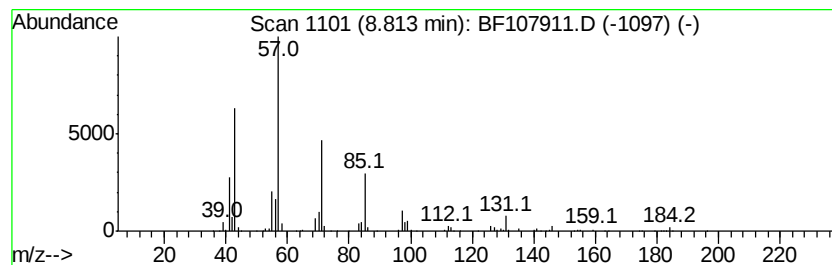
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Eicosane, 10-methyl- Concentration Rank 15

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8.81	26.43 ng	1740790	Naphthalene-d8	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Dodecane	170	C12H26	000112-40-3	86
3		Tetradecane	198	C14H30	000629-59-4	86
4		Eicosane, 10-methyl-	296	C21H44	054833-23-7	78
5		Pentadecane	212	C15H32	000629-62-9	78



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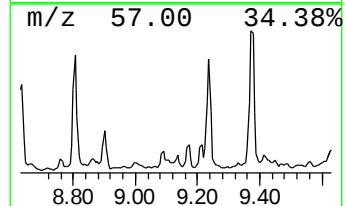
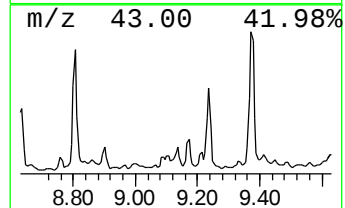
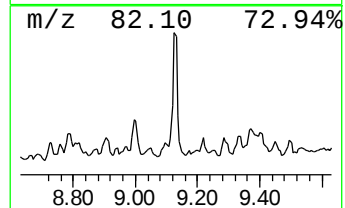
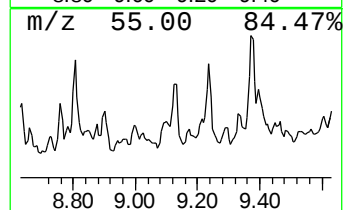
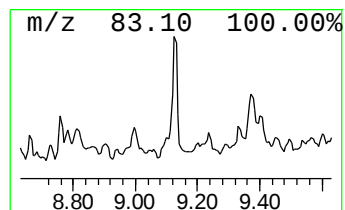
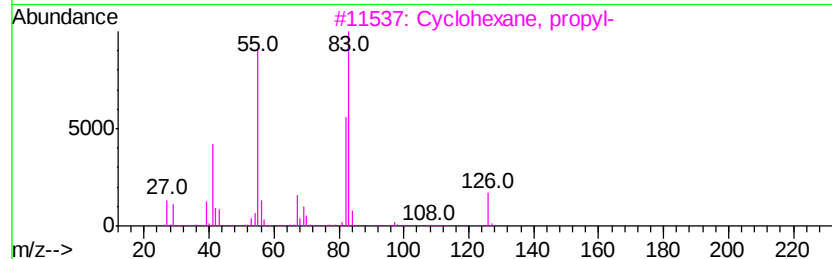
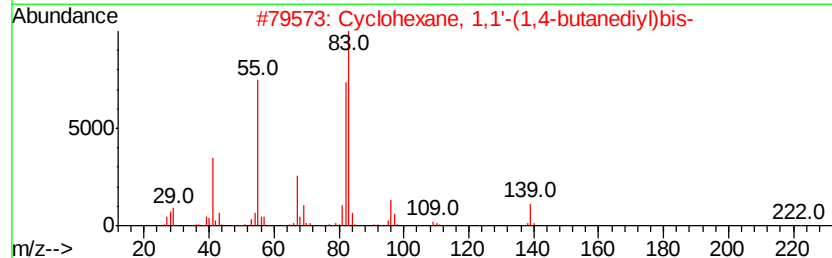
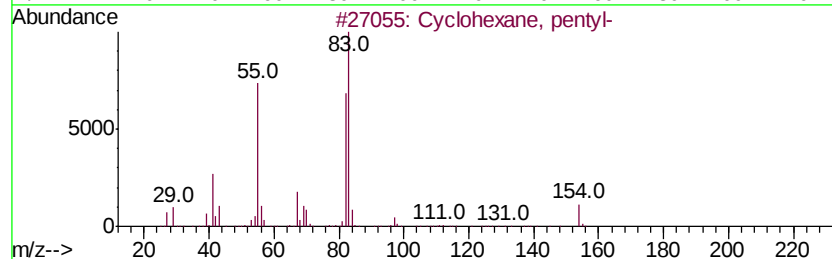
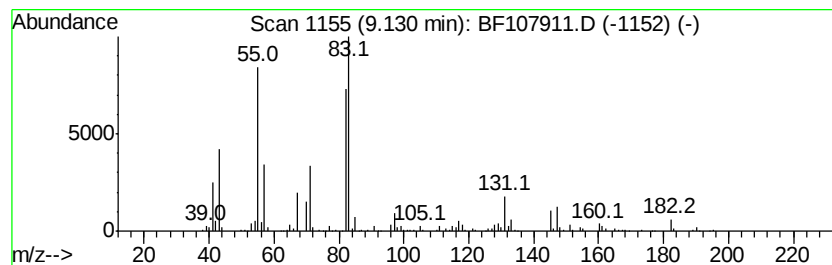
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Cyclohexane, pentyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	20.58 ng	731899	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
2		Cyclohexane, 1,1'-(1,4-butanediyl)...	222	C16H30	006165-44-2	59
3		Cyclohexane, propyl-	126	C9H18	001678-92-8	53
4		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	53
5		Cyclohexane, eicosyl-	364	C26H52	004443-55-4	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-B

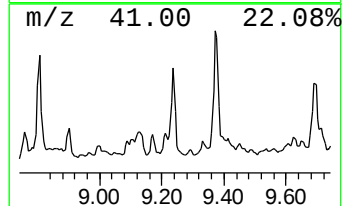
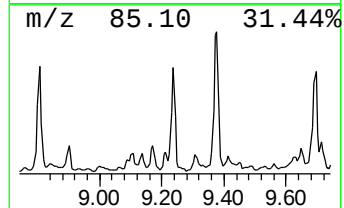
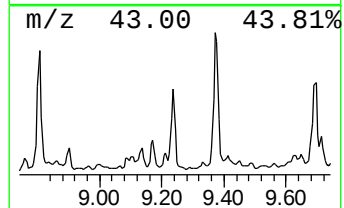
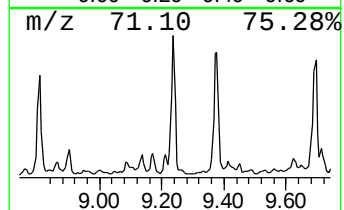
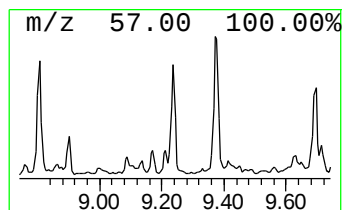
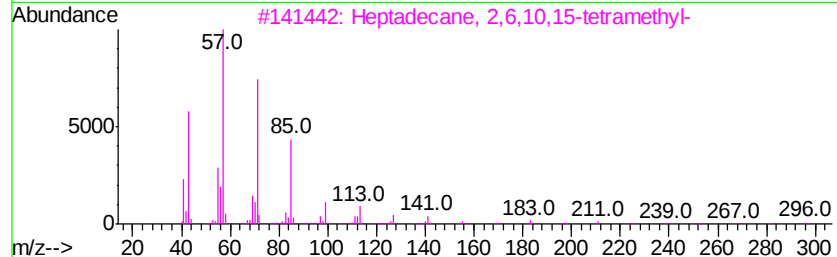
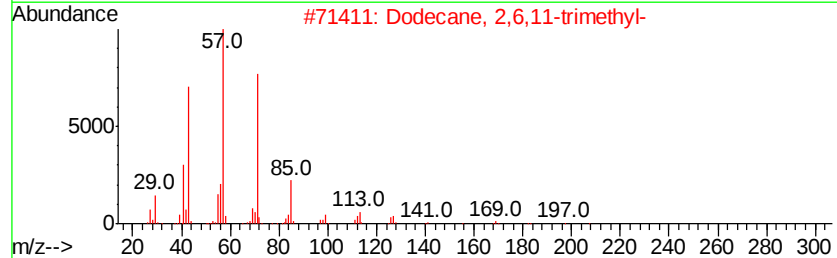
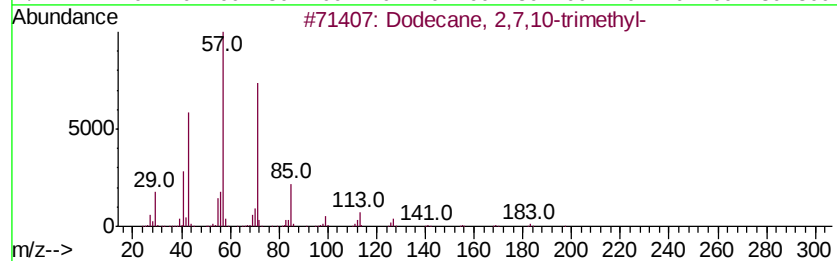
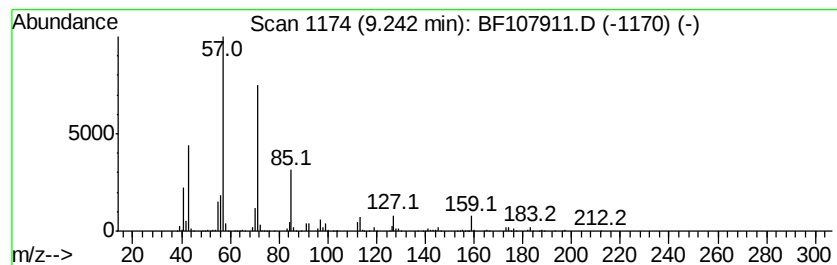
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 2,7,10-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.24	43.48 ng	1546110	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83
4		Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72
5		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Acq On : 2 Aug 2018 16:07
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Sample : J4267-14 2X
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ClientSampleId :
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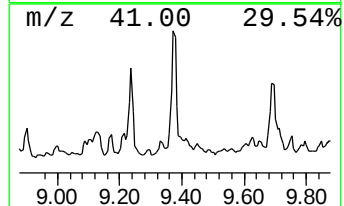
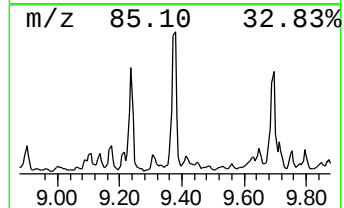
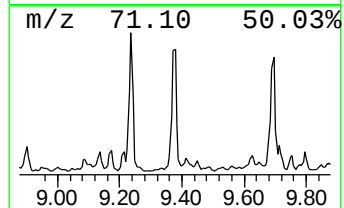
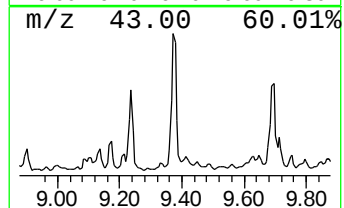
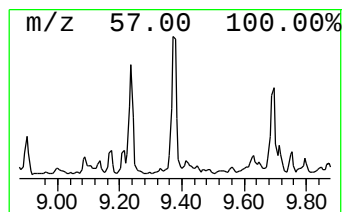
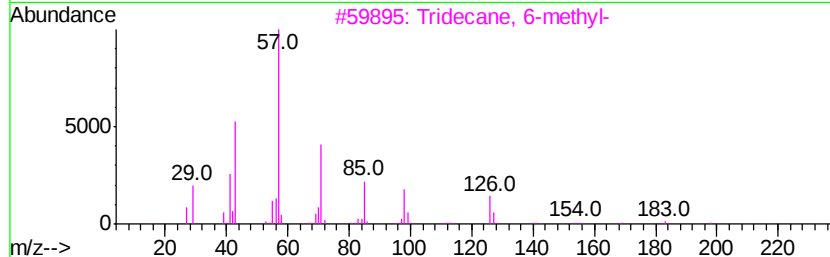
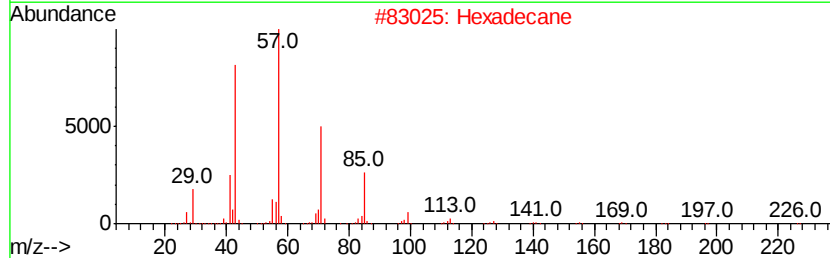
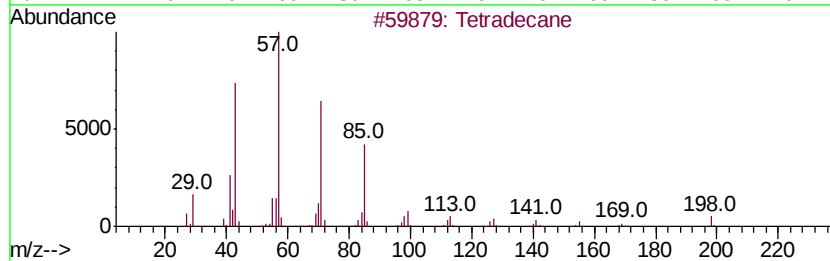
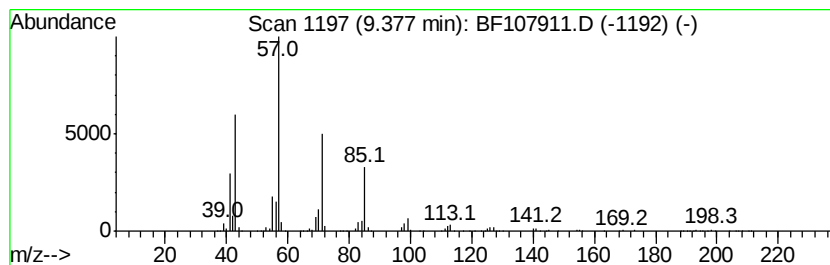
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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.
9.38	87.34 ng	3105450	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	91
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	87
4		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
5		Decane	142	C10H22	000124-18-5	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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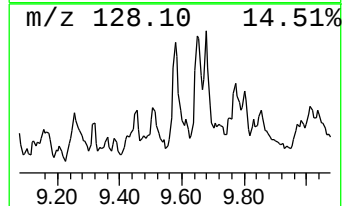
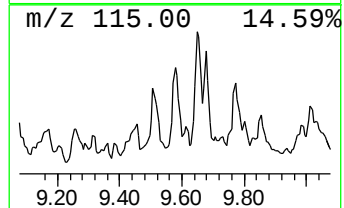
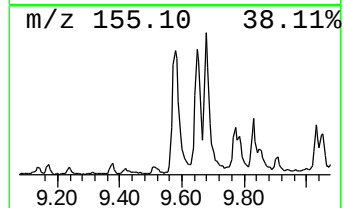
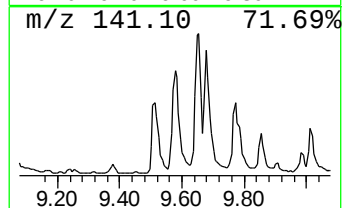
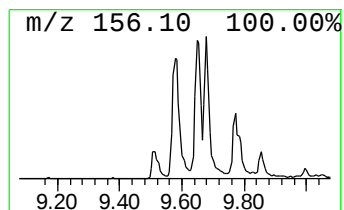
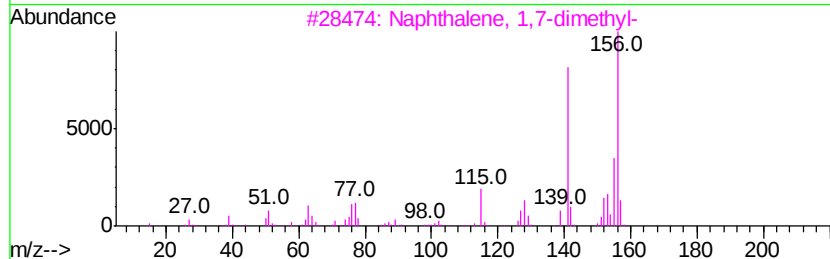
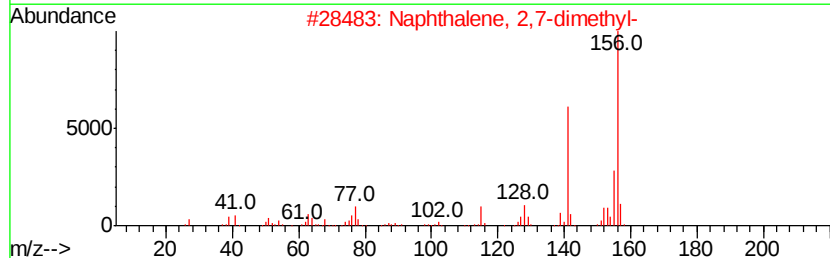
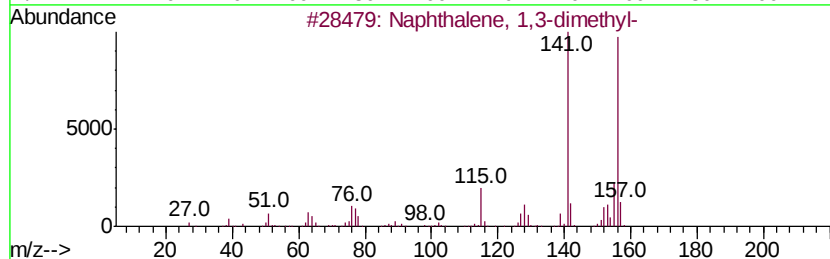
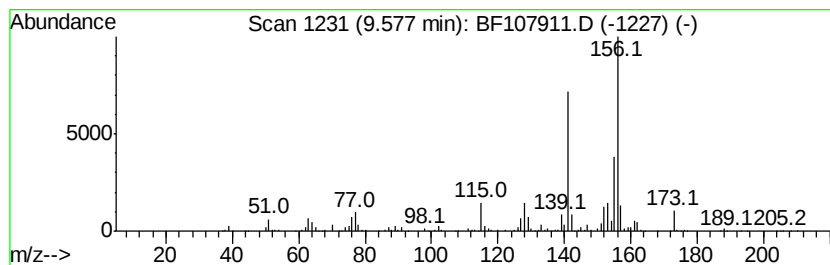
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	26.78 ng	952135	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
2		Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3		Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
5		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Sample : J4267-14 2X
Misc :
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Instrument :
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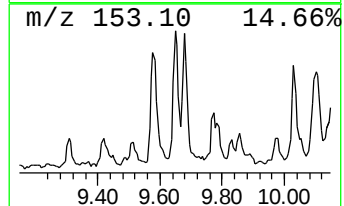
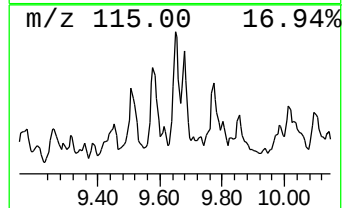
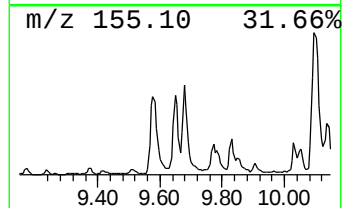
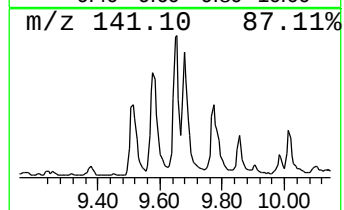
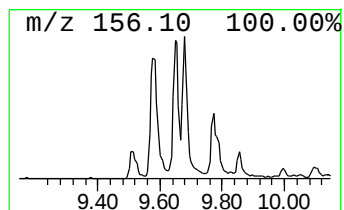
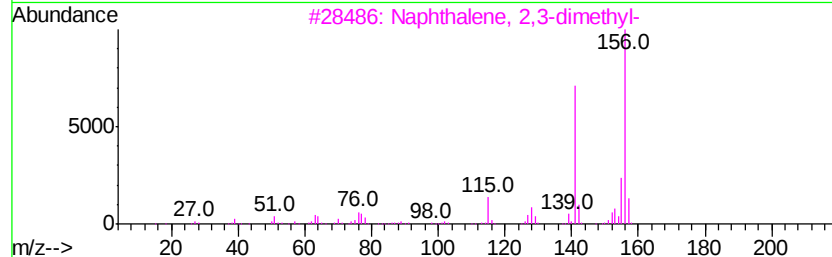
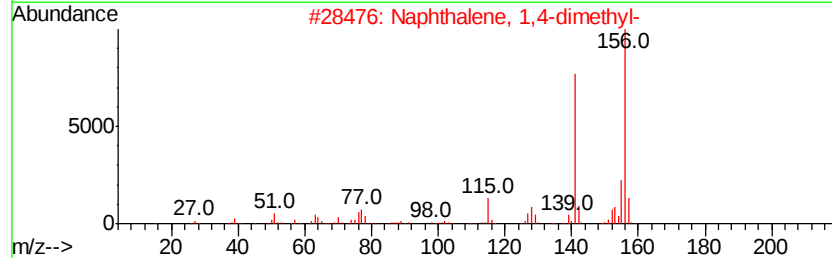
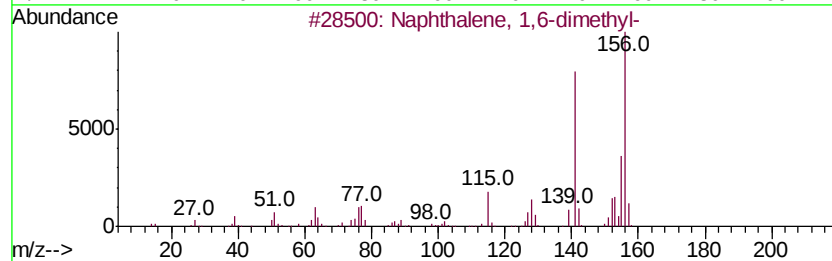
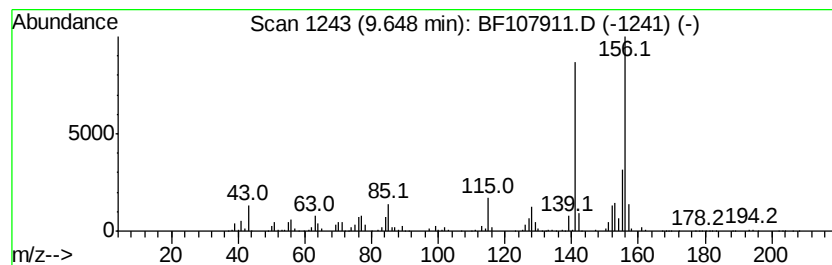
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.65	19.08 ng	678473	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3		Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5		Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95



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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
UST-B

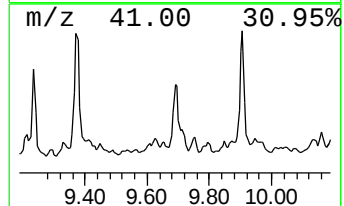
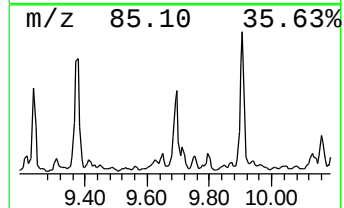
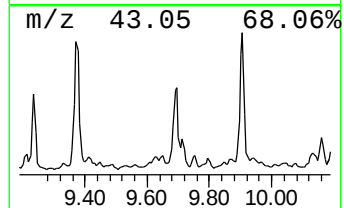
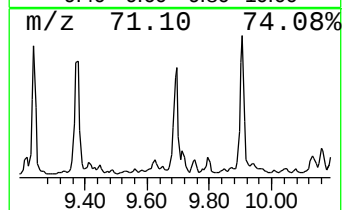
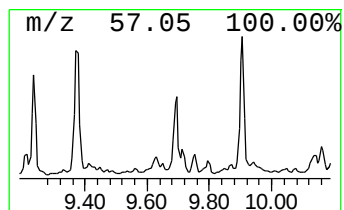
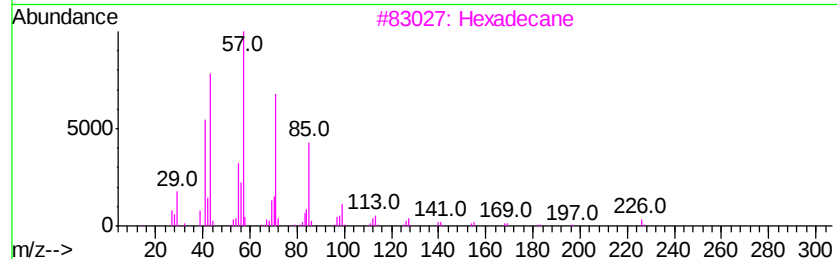
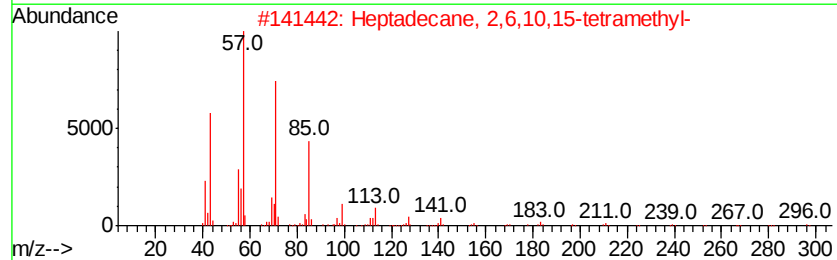
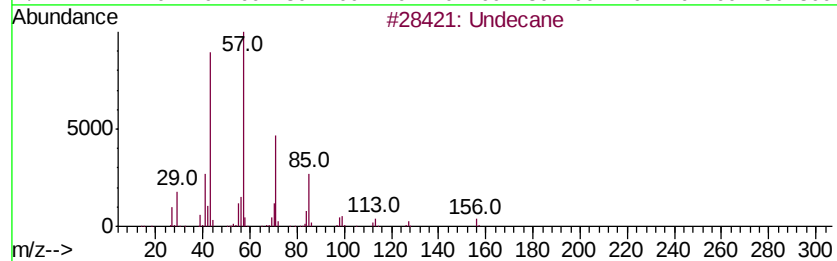
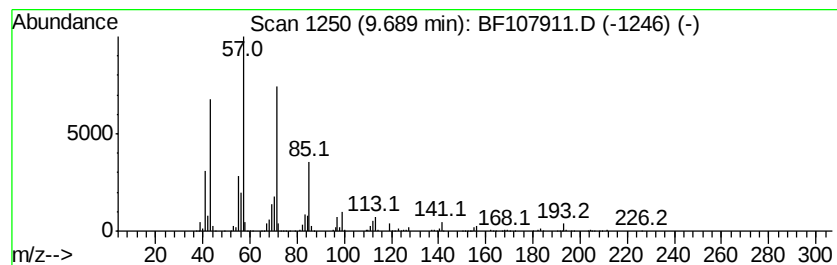
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Undecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.69	94.75 ng	3369020	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane		156	C11H24	001120-21-4	87
2	Heptadecane, 2,6,10,15-tetramethyl-		296	C21H44	054833-48-6	86
3	Hexadecane		226	C16H34	000544-76-3	86
4	Dodecane, 2,6,11-trimethyl-		212	C15H32	031295-56-4	86
5	Tetradecane		198	C14H30	000629-59-4	86



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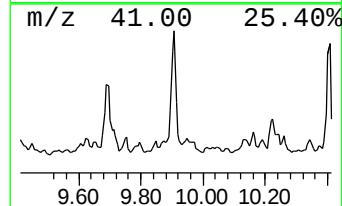
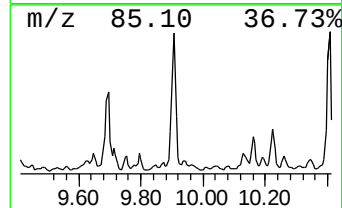
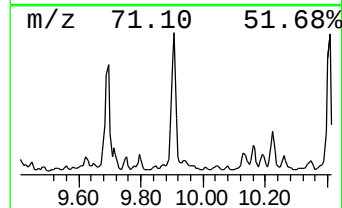
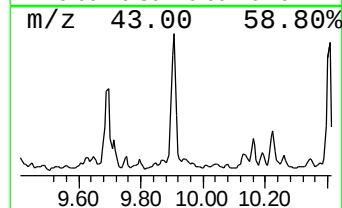
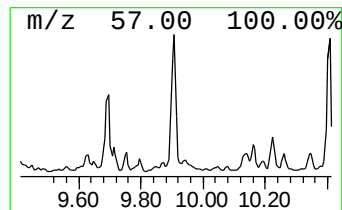
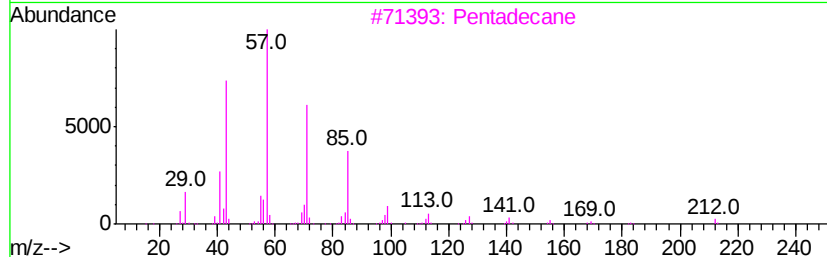
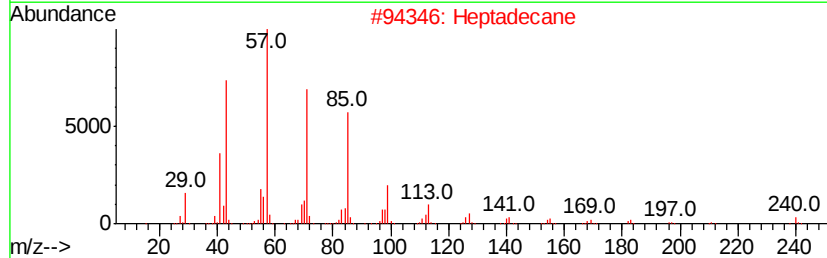
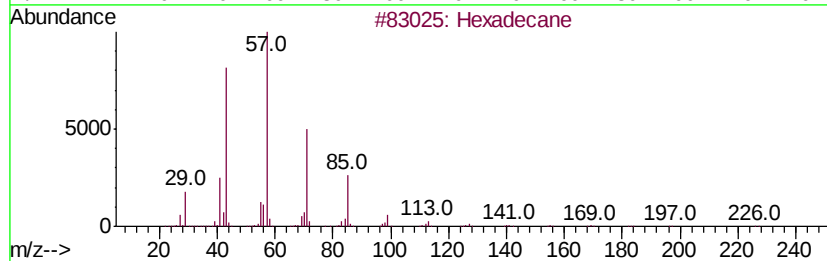
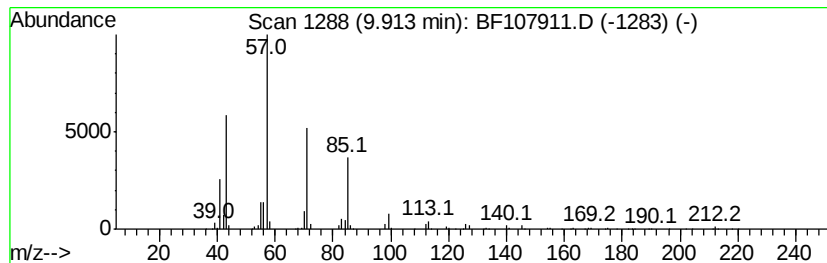
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.91	74.92 ng	2663970	Acenaphthene-d10	10.00

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	90
2	Heptadecane		240	C17H36	000629-78-7	83
3	Pentadecane		212	C15H32	000629-62-9	83
4	Nonadecane		268	C19H40	000629-92-5	72
5	Nonane, 5-butyl-		184	C13H28	017312-63-9	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

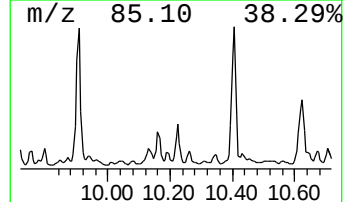
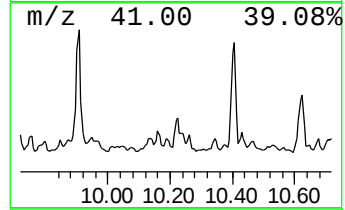
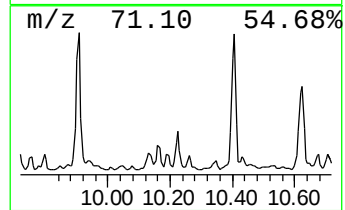
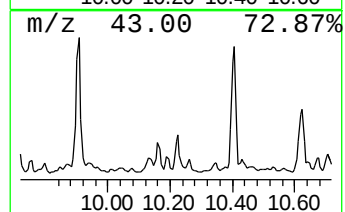
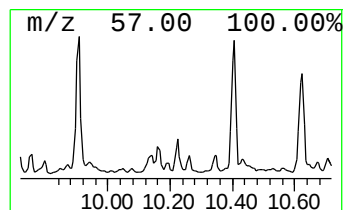
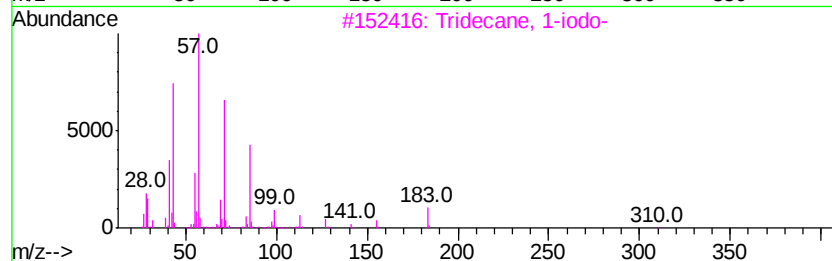
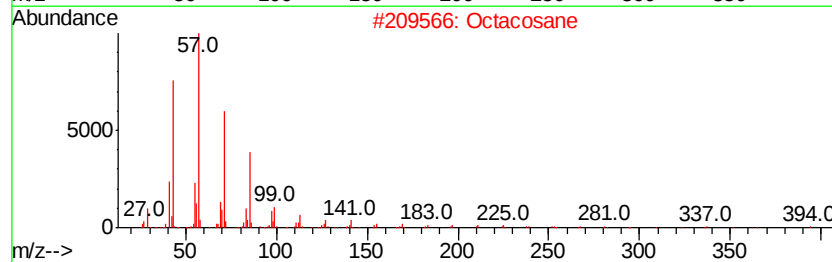
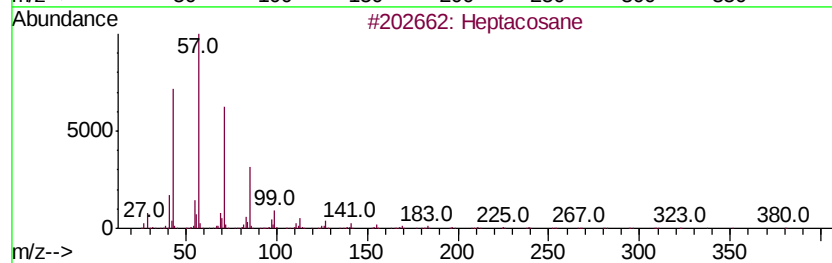
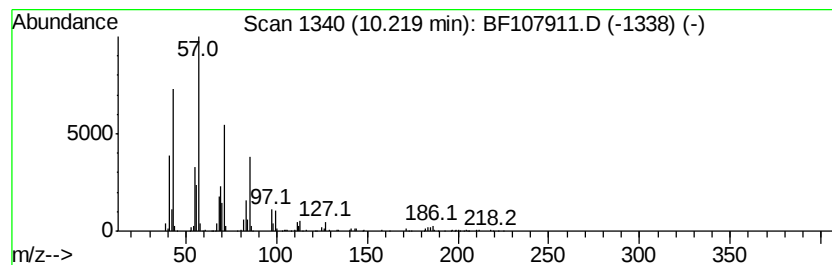
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heptacosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	35.81 ng	1273290	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	91
2		Octacosane	394	C28H58	000630-02-4	90
3		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
4		Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
5		Tetracosane	338	C24H50	000646-31-1	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

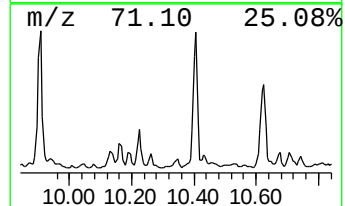
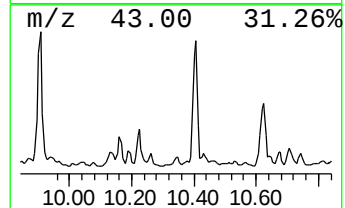
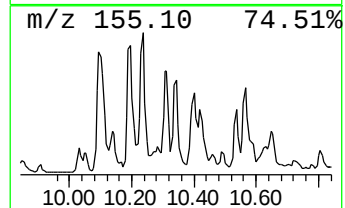
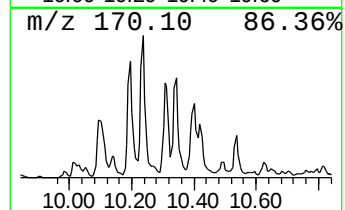
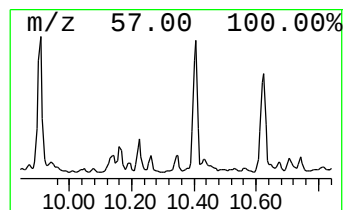
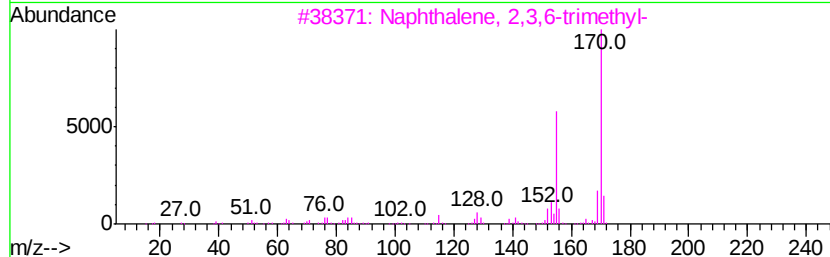
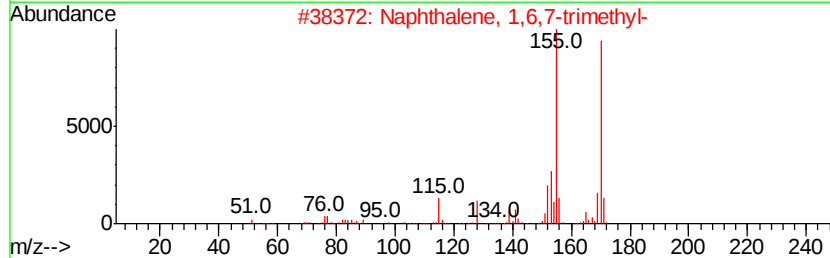
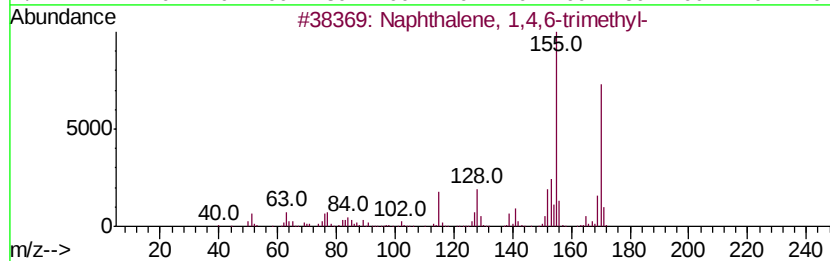
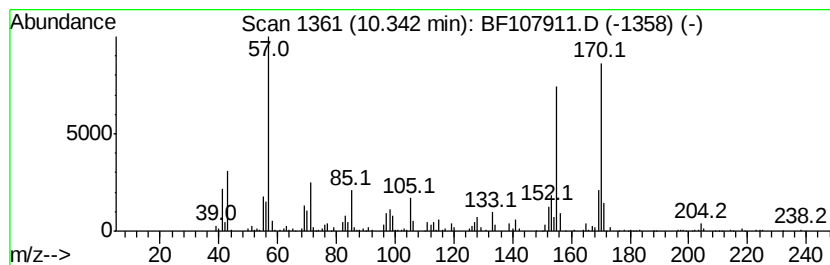
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,4,6-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.34	20.07 ng	713479	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2		Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
3		Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
4		3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	81
5		Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	76



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

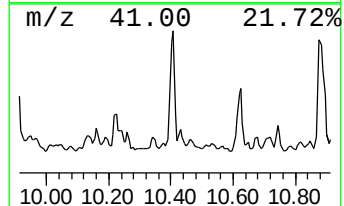
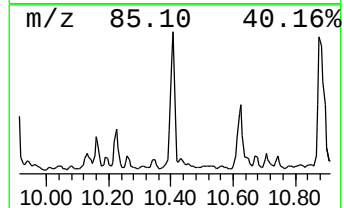
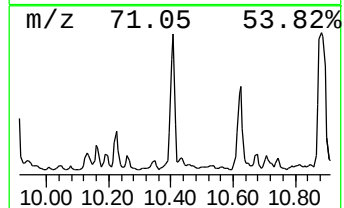
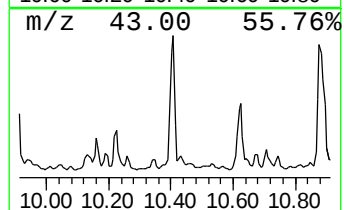
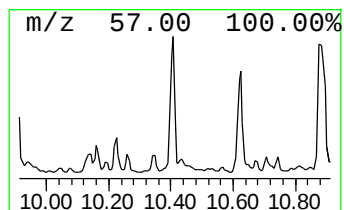
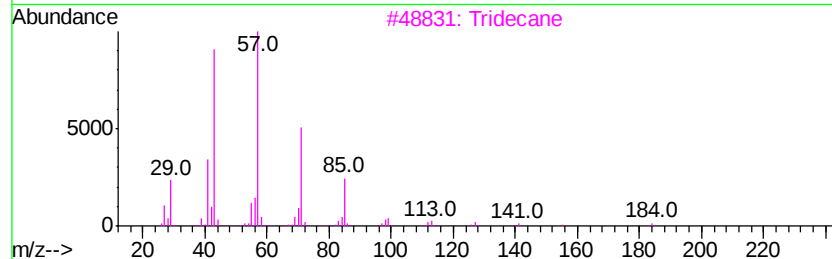
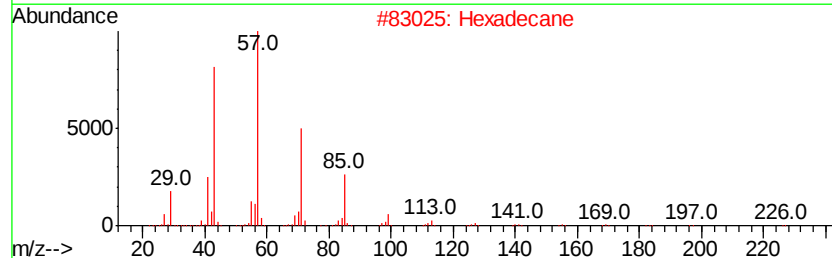
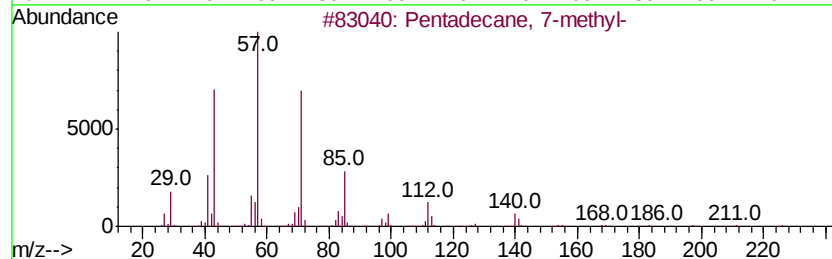
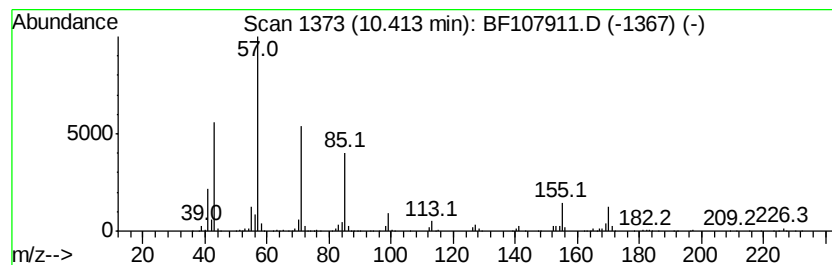
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Pentadecane, 7-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	82.22 ng	2923470	Acenaphthene-d10	10.00
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 87
2		Hexadecane	226 C16H34	000544-76-3 86
3		Tridecane	184 C13H28	000629-50-5 72
4		Dodecane, 4-methyl-	184 C13H28	006117-97-1 68
5		Heptadecane, 8-methyl-	254 C18H38	013287-23-5 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
 Data File : BF107911.D
 Acq On : 2 Aug 2018 16:07
 Operator : JU/SJ
 Sample : J4267-14 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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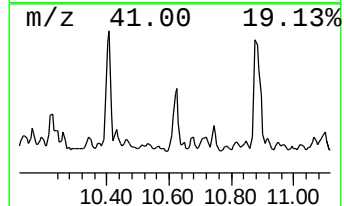
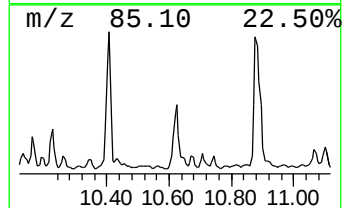
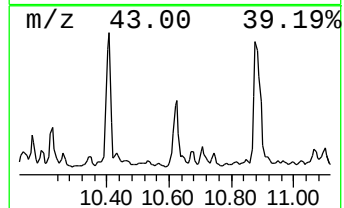
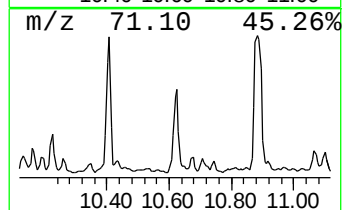
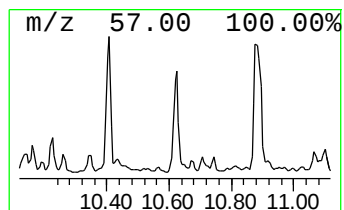
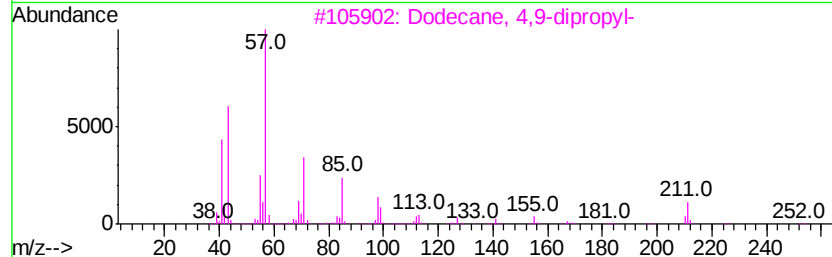
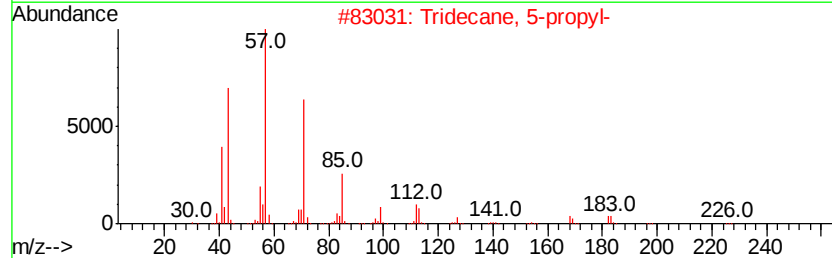
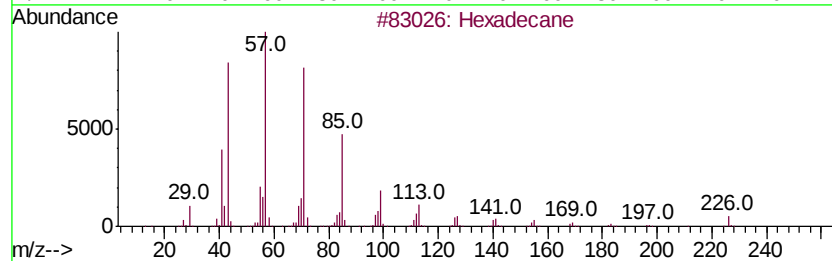
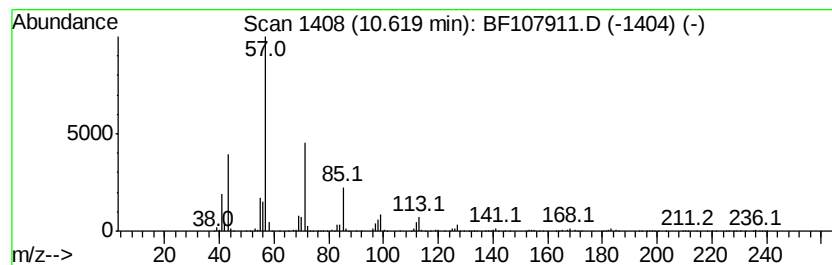
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 14 Tridecane, 5-propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.62	62.54 ng	2223800	Acenaphthene-d10	10.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	83
3		Dodecane, 4,9-dipropyl-	254	C18H38	003054-63-5	78
4		Octadecane, 6-methyl-	268	C19H40	010544-96-4	78
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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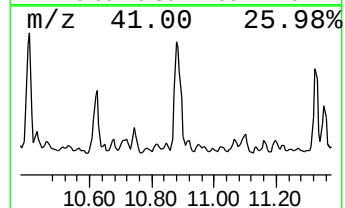
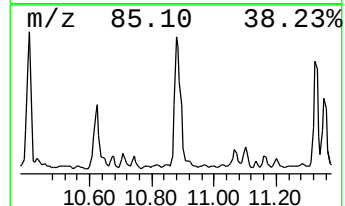
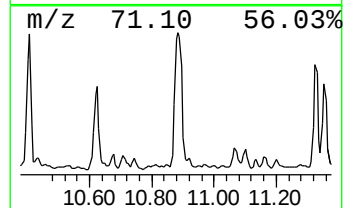
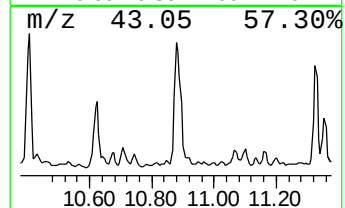
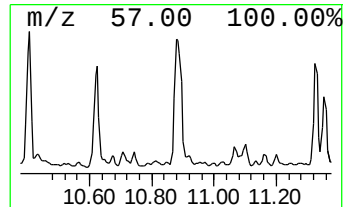
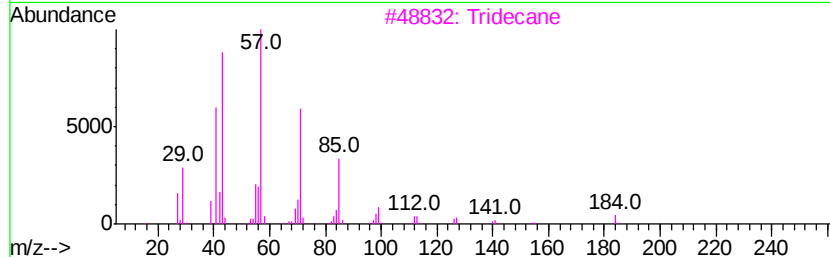
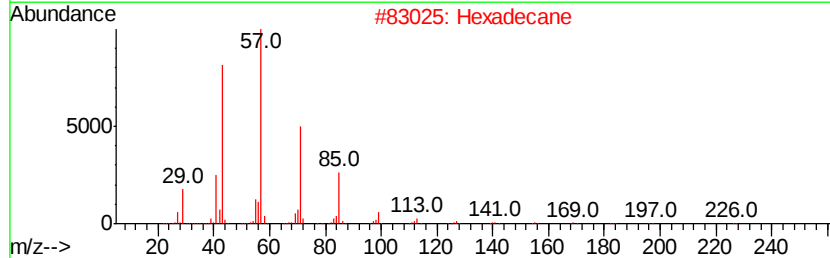
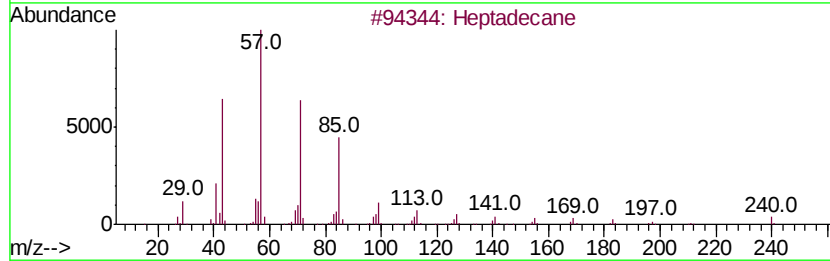
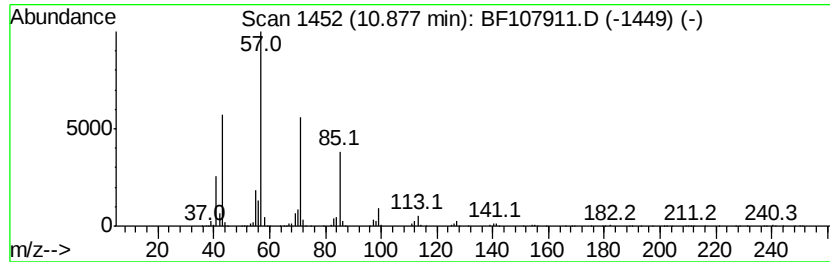
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Heptadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	131.39 ng	4357880	Phenanthrene-d10	11.49

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Hexadecane		226	C16H34	000544-76-3	90
3	Tridecane		184	C13H28	000629-50-5	86
4	Octadecane		254	C18H38	000593-45-3	86
5	Dodecane, 2-methyl-		184	C13H28	001560-97-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

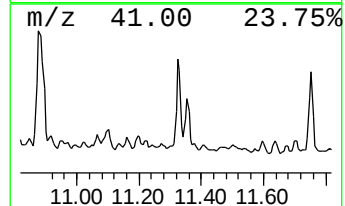
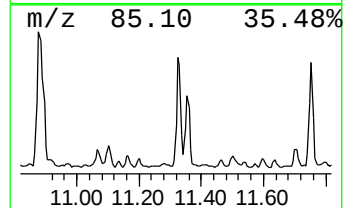
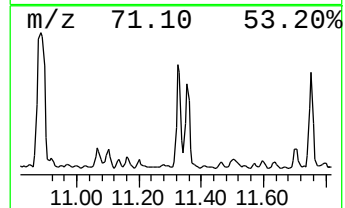
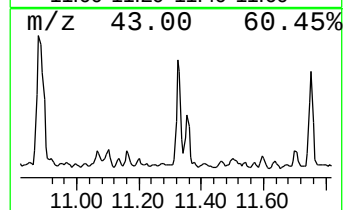
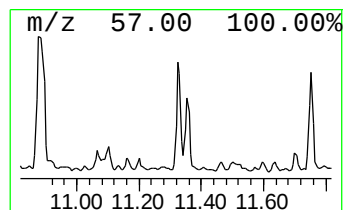
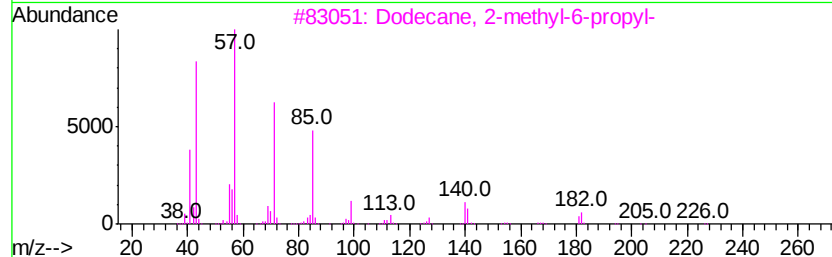
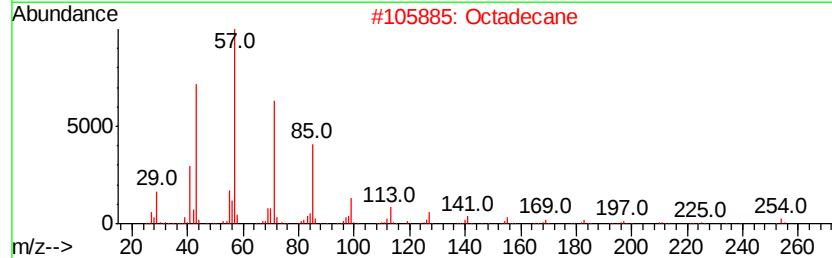
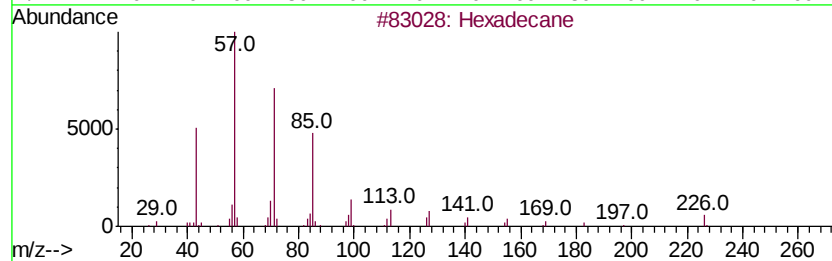
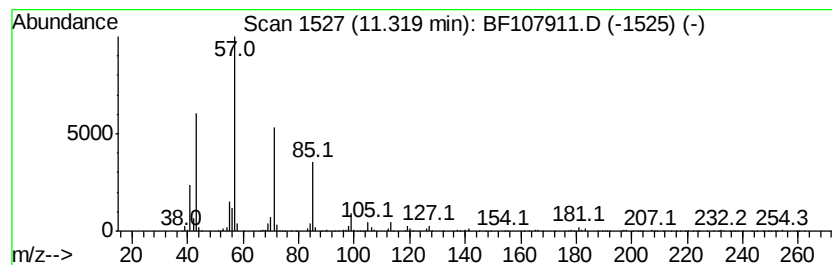
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.32	60.10 ng	1993270	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	94
2		Octadecane	254	C18H38	000593-45-3	94
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4		Octacosane	394	C28H58	000630-02-4	90
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
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Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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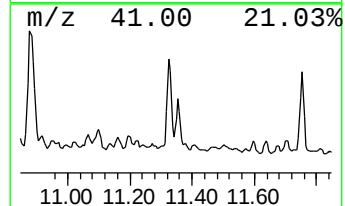
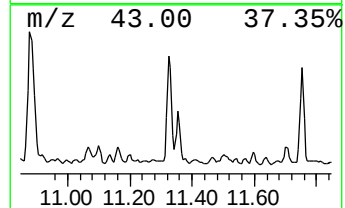
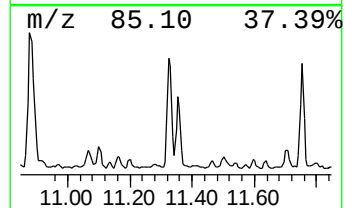
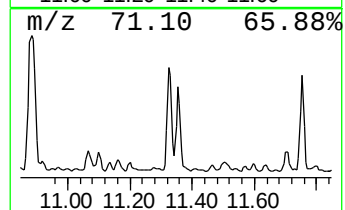
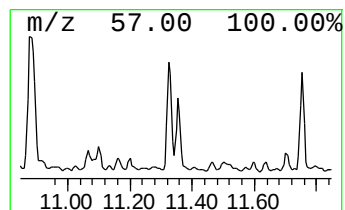
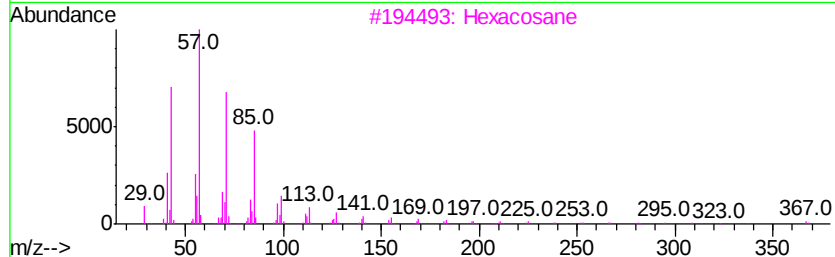
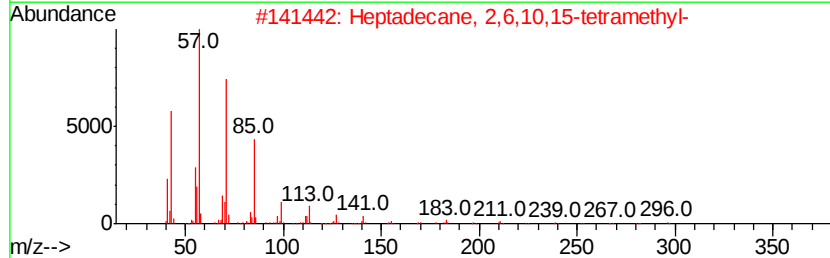
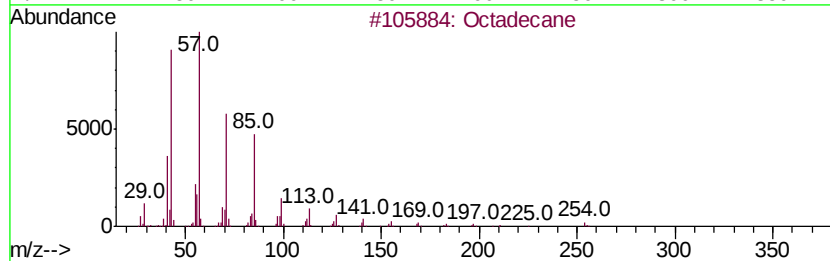
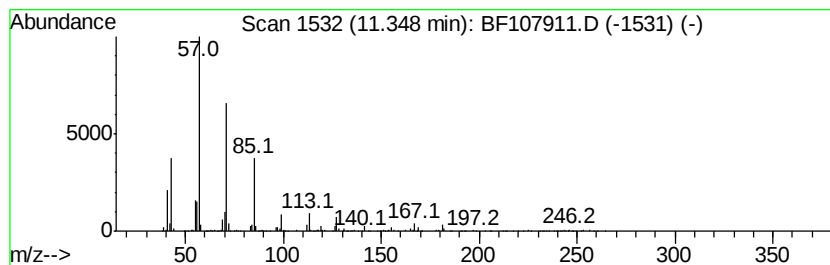
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Heptadecane, 2,6,10,15-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	37.18 ng	1233100	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	90
2		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3		Hexacosane	366	C26H54	000630-01-3	90
4		2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5		Hexadecane	226	C16H34	000544-76-3	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
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Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

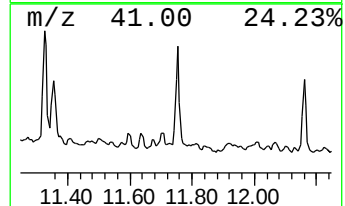
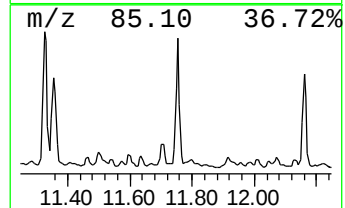
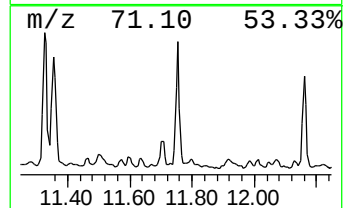
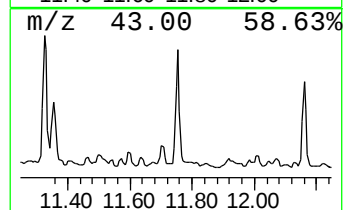
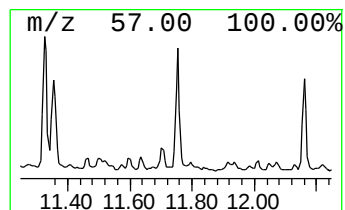
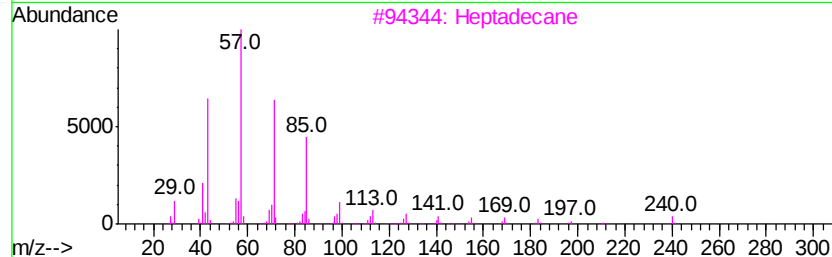
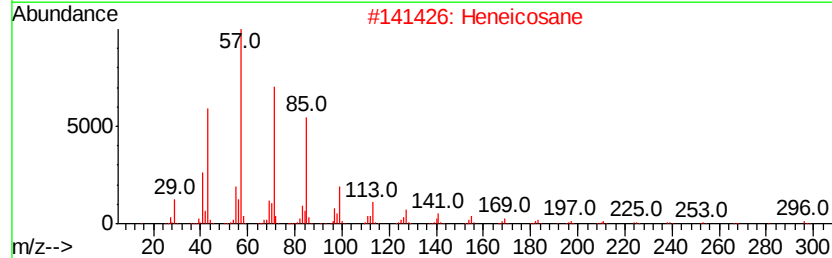
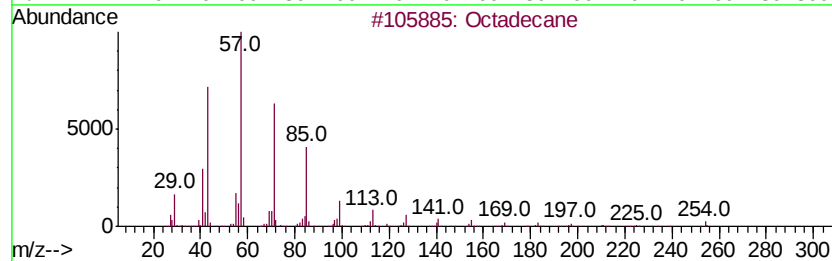
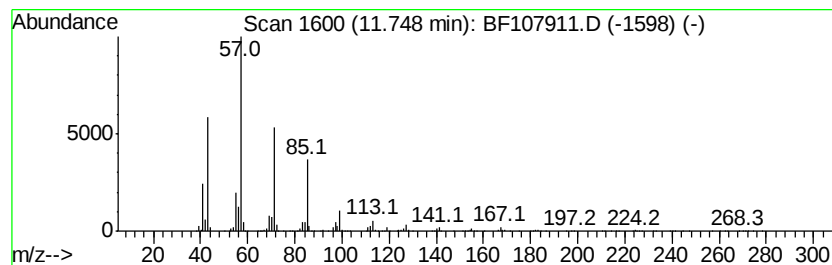
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	53.58 ng	1777200	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecane	254	C18H38	000593-45-3	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptadecane	240	C17H36	000629-78-7	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heptacosane	380	C27H56	000593-49-7	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

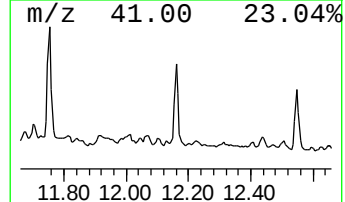
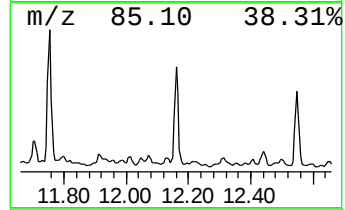
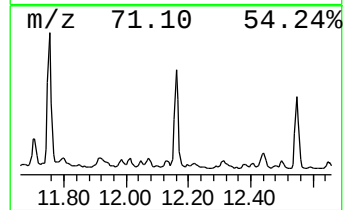
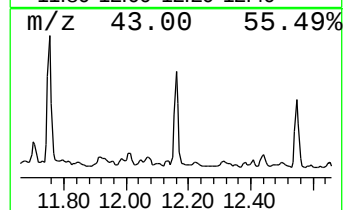
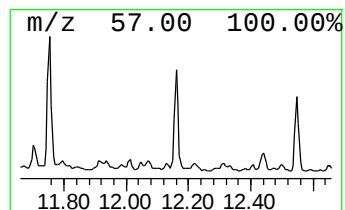
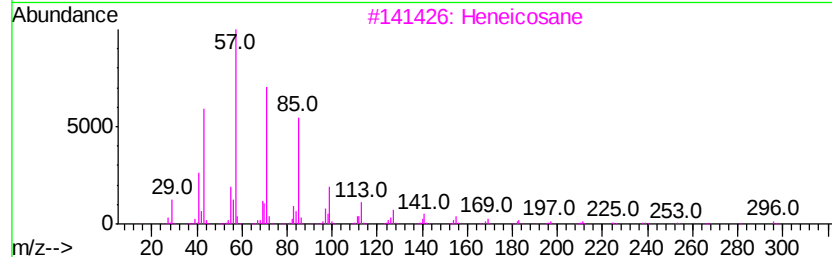
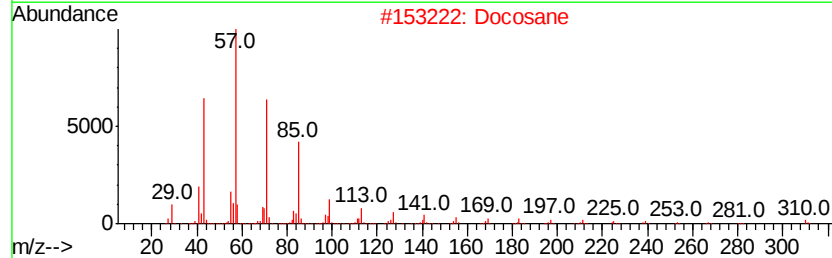
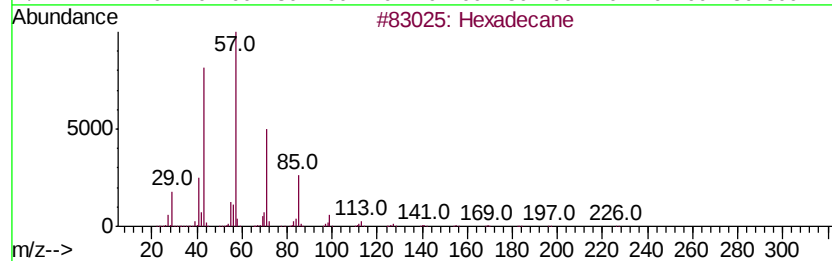
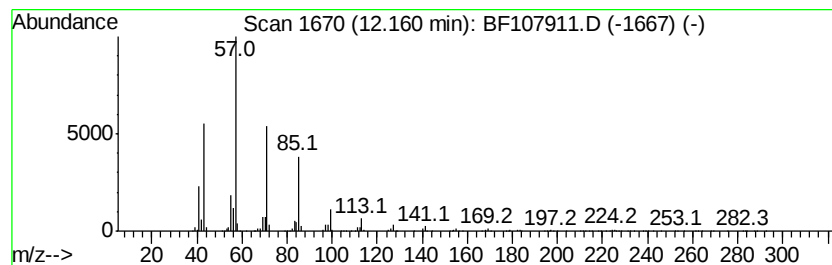
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tridecane, 1-iodo- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.16	37.35 ng	1238940	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	95
2		Docosane	310	C22H46	000629-97-0	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
5		Octadecane	254	C18H38	000593-45-3	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080218\
Data File : BF107911.D
Acq On : 2 Aug 2018 16:07
Operator : JU/SJ
Sample : J4267-14 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
UST-B

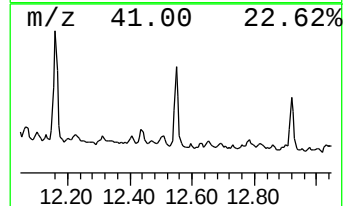
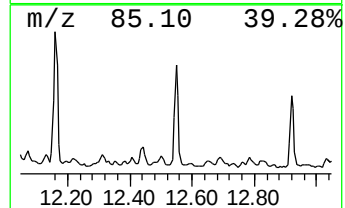
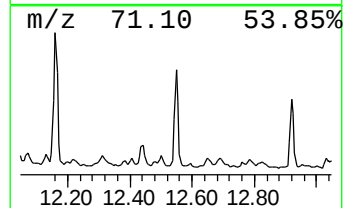
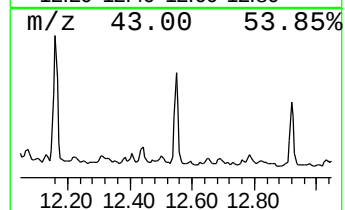
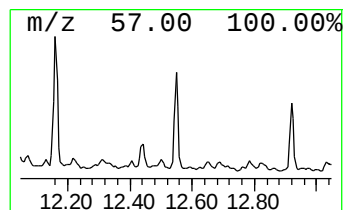
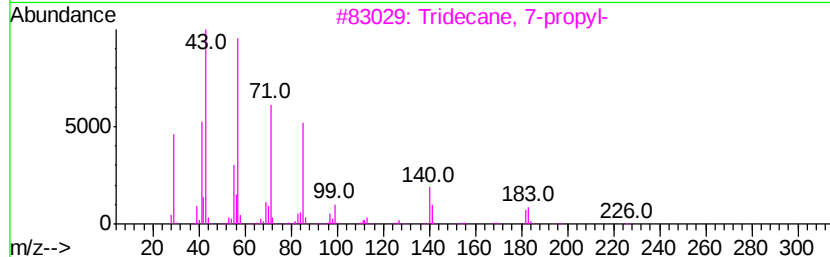
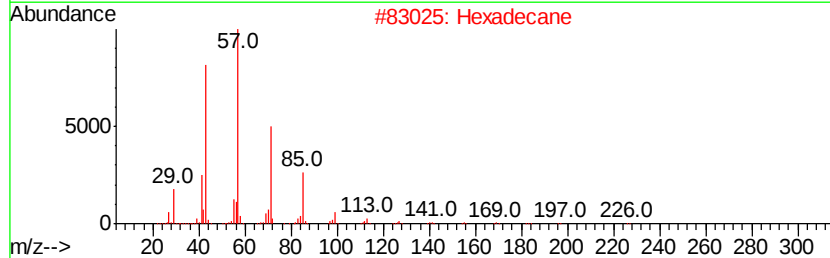
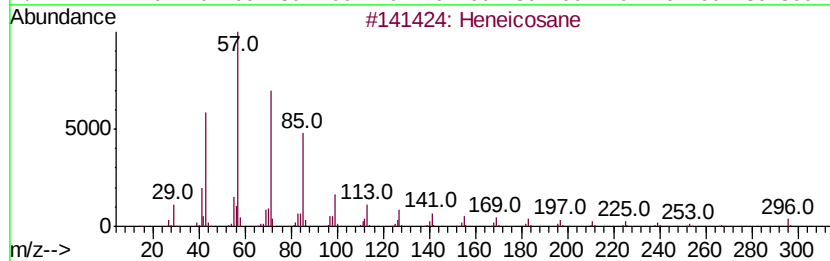
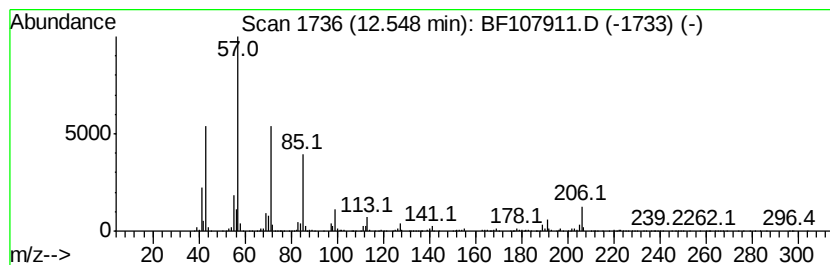
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Tridecane, 7-propyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	36.65 ng	1215570	Phenanthrene-d10	11.49

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	95
2		Hexadecane	226	C16H34	000544-76-3	95
3		Tridecane, 7-propyl-	226	C16H34	055045-09-5	81
4		Tetracosane	338	C24H50	000646-31-1	80
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF080218\
 Data File : BF107911.D
 Acq On : 2 Aug 2018 16:07
 Operator : JU/SJ
 Sample : J4267-14 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UST-B

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF073018.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
unknown6.73	6.73	23.8	ng	841212	1	6.95	706777	20.0
Eicosane, 10-methyl-	8.81	26.4	ng	1740790	2	8.24	1317150	20.0
Cyclohexane, pentyl-	9.13	20.6	ng	731899	3	10.00	711138	20.0
Dodecane, 2,7,10-...	9.24	43.5	ng	1546110	3	10.00	711138	20.0
Tetradecane	9.38	87.3	ng	3105450	3	10.00	711138	20.0
Naphthalene, 1,3-...	9.58	26.8	ng	952135	3	10.00	711138	20.0
Naphthalene, 1,6-...	9.65	19.1	ng	678473	3	10.00	711138	20.0
Undecane	9.69	94.8	ng	3369020	3	10.00	711138	20.0
Hexadecane	9.91	74.9	ng	2663970	3	10.00	711138	20.0
Heptacosane	10.22	35.8	ng	1273290	3	10.00	711138	20.0
Naphthalene, 1,4,...	10.34	20.1	ng	713479	3	10.00	711138	20.0
Pentadecane, 7-me...	10.41	82.2	ng	2923470	3	10.00	711138	20.0
Tridecane, 5-propyl-	10.62	62.5	ng	2223800	3	10.00	711138	20.0
Heptadecane	10.88	131.4	ng	4357880	4	11.49	663364	20.0
Octadecane	11.32	60.1	ng	1993270	4	11.49	663364	20.0
Heptadecane, 2,6,...	11.35	37.2	ng	1233100	4	11.49	663364	20.0
Heneicosane	11.75	53.6	ng	1777200	4	11.49	663364	20.0
Tridecane, 1-iodo-	12.16	37.4	ng	1238940	4	11.49	663364	20.0
Tridecane, 7-propyl-	12.55	36.6	ng	1215570	4	11.49	663364	20.0