

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100467.D
 Acq On : 12 Nov 2017 4:23
 Operator : SJ/JU
 Sample : I6408-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A19R(17.5-19.5)

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-BF110817.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	5.134	514	518	527	rBV	572898	772553	21.22%	1.267%
2	5.528	579	585	588	rBV	3254790	3419069	93.90%	5.605%
3	5.933	648	654	657	rBV3	85429	128484	3.53%	0.211%
4	6.151	686	691	698	rBV2	309257	549642	15.10%	0.901%
5	6.204	698	700	703	rVB	181478	159157	4.37%	0.261%
6	6.339	718	723	726	rBV2	142693	199052	5.47%	0.326%
7	6.398	731	733	736	rVB	258539	196996	5.41%	0.323%
8	6.439	736	740	746	rBV4	238037	402116	11.04%	0.659%
9	6.533	750	756	759	rVV	2815942	3641115	100.00%	5.969%
10	6.675	775	780	783	rVV	3331669	3426557	94.11%	5.618%
11	6.733	787	790	793	rBV3	200325	247289	6.79%	0.405%
12	6.863	809	812	814	rBV2	114715	135050	3.71%	0.221%
13	6.904	814	819	823	rVB2	1245347	1484297	40.76%	2.433%
14	6.957	823	828	831	rBV2	267870	291734	8.01%	0.478%
15	7.010	835	837	840	rVB	134718	120685	3.31%	0.198%
16	7.063	840	846	848	rBV	2562378	2825060	77.59%	4.631%
17	7.175	859	865	867	rVB3	442858	477881	13.12%	0.783%
18	7.204	867	870	871	rBV	183610	154668	4.25%	0.254%
19	7.233	874	875	880	rVB3	139390	157161	4.32%	0.258%
20	7.298	880	886	888	rBV3	345440	525904	14.44%	0.862%
21	7.328	888	891	895	rVB3	141232	180310	4.95%	0.296%
22	7.369	895	898	900	rBV2	90587	132080	3.63%	0.217%
23	7.433	904	909	911	rBV2	426862	635717	17.46%	1.042%
24	7.469	911	915	918	rVV	1893103	2248360	61.75%	3.686%
25	7.492	918	919	923	rVB2	363107	265521	7.29%	0.435%
26	7.545	923	928	931	rBV5	397595	596121	16.37%	0.977%
27	7.604	931	938	941	rBV6	337700	696896	19.14%	1.143%
28	7.651	942	946	947	rBV3	112773	125339	3.44%	0.205%
29	7.675	947	950	952	rVV2	352885	332925	9.14%	0.546%
30	7.710	952	956	958	rVB3	267678	315736	8.67%	0.518%
31	7.780	964	968	969	rBV2	220513	222782	6.12%	0.365%
32	7.798	969	971	973	rVV	404242	394672	10.84%	0.647%
33	7.822	973	975	979	rVV2	410144	515364	14.15%	0.845%
34	7.857	979	981	985	rVV2	295033	332411	9.13%	0.545%

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35	7.892	985	987	990	rVV3	249915	222171	6.10%	0.364%
36	7.922	990	992	995	rVV2	436481	496755	13.64%	0.814%
37	7.975	998	1001	1002	rVV2	152068	142496	3.91%	0.234%
38	7.998	1002	1005	1008	rVV3	292322	328756	9.03%	0.539%
39	8.057	1011	1015	1017	rBV2	255639	269592	7.40%	0.442%
40	8.086	1017	1020	1022	rBV3	150158	125442	3.45%	0.206%
41	8.133	1023	1028	1030	rVV5	268105	427416	11.74%	0.701%
42	8.163	1030	1033	1034	rVV	623462	634655	17.43%	1.040%
43	8.186	1034	1037	1039	rVV	1266364	1272599	34.95%	2.086%
44	8.210	1039	1041	1042	rVV2	256380	234721	6.45%	0.385%
45	8.239	1042	1046	1049	rVB	1400767	1289395	35.41%	2.114%
46	8.269	1049	1051	1054	rBV	349797	344135	9.45%	0.564%
47	8.333	1059	1062	1064	rBV4	212960	221465	6.08%	0.363%
48	8.386	1068	1071	1073	rVB2	324353	346686	9.52%	0.568%
49	8.475	1082	1086	1091	rVB4	646350	707074	19.42%	1.159%
50	8.527	1092	1095	1098	rBV4	180936	179320	4.92%	0.294%
51	8.557	1098	1100	1104	rVB3	260994	325503	8.94%	0.534%
52	8.598	1104	1107	1110	rBV	1331104	1324168	36.37%	2.171%
53	8.622	1110	1111	1113	rVB	209798	133697	3.67%	0.219%
54	8.686	1119	1122	1125	rBV	525153	412495	11.33%	0.676%
55	8.722	1125	1128	1130	rVV3	233258	281237	7.72%	0.461%
56	8.745	1130	1132	1134	rVV	209684	215704	5.92%	0.354%
57	8.769	1134	1136	1140	rVV2	631053	672214	18.46%	1.102%
58	8.810	1140	1143	1145	rVV4	238967	381194	10.47%	0.625%
59	8.845	1147	1149	1150	rVV2	431437	375589	10.32%	0.616%
60	8.869	1150	1153	1156	rVV2	488866	545218	14.97%	0.894%
61	8.898	1156	1158	1160	rVV2	170797	137130	3.77%	0.225%
62	8.927	1161	1163	1166	rVV3	201973	182483	5.01%	0.299%
63	8.963	1166	1169	1171	rVV4	231647	292423	8.03%	0.479%
64	9.004	1173	1176	1179	rVV2	457113	530235	14.56%	0.869%
65	9.027	1179	1180	1182	rVV2	200358	162101	4.45%	0.266%
66	9.051	1182	1184	1186	rVV3	227646	291526	8.01%	0.478%
67	9.092	1188	1191	1194	rVV3	411040	560191	15.39%	0.918%
68	9.133	1194	1198	1202	rVV4	297102	528338	14.51%	0.866%
69	9.174	1203	1205	1207	rVV	258250	239236	6.57%	0.392%
70	9.198	1207	1209	1212	rVV	1351762	1200764	32.98%	1.969%
71	9.257	1215	1219	1224	rVV	2893487	3006328	82.57%	4.929%

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72	9.333	1229	1232	1237	rVV2	952048	1180641	32.43%	1.936%
73	9.374	1237	1239	1243	rVV4	239112	370760	10.18%	0.608%
74	9.410	1243	1245	1247	rVV	332290	278500	7.65%	0.457%
75	9.451	1250	1252	1255	rVB2	188580	160182	4.40%	0.263%
76	9.527	1261	1265	1269	rBV4	313530	331575	9.11%	0.544%
77	9.569	1270	1272	1274	rVV3	147137	166879	4.58%	0.274%
78	9.592	1274	1276	1278	rVV2	305614	301803	8.29%	0.495%
79	9.616	1278	1280	1283	rVV3	225918	265335	7.29%	0.435%
80	9.651	1283	1286	1289	rVV3	1404765	1620325	44.50%	2.656%
81	9.680	1289	1291	1294	rVB2	221836	211888	5.82%	0.347%
82	9.716	1294	1297	1299	rBV3	207307	193394	5.31%	0.317%
83	9.757	1302	1304	1306	rVB2	191034	145266	3.99%	0.238%
84	9.804	1309	1312	1315	rBV4	203279	235131	6.46%	0.385%
85	9.851	1318	1320	1327	rVB3	251227	371617	10.21%	0.609%
86	9.939	1332	1335	1339	rVB2	1042555	933698	25.64%	1.531%
87	10.039	1349	1352	1357	rVB3	126560	145142	3.99%	0.238%
88	10.098	1357	1362	1364	rBV4	131899	216405	5.94%	0.355%
89	10.121	1364	1366	1373	rVV3	202609	311427	8.55%	0.511%
90	10.180	1373	1376	1381	rVB3	174595	261243	7.17%	0.428%
91	10.580	1439	1444	1451	rVB	351512	405892	11.15%	0.665%
92	10.727	1465	1469	1472	rVB	1776769	1557280	42.77%	2.553%
93	10.845	1485	1489	1493	rBV	394461	399006	10.96%	0.654%
94	11.421	1584	1587	1591	rBV	843881	797180	21.89%	1.307%
95	11.939	1671	1675	1685	rBV2	175456	180592	4.96%	0.296%
96	13.009	1852	1857	1860	rBV	2596071	2277976	62.56%	3.735%
97	13.486	1931	1938	1943	rBV	806299	795807	21.86%	1.305%
98	13.892	2004	2007	2018	rBV	201891	250568	6.88%	0.411%
99	14.062	2032	2036	2040	rVB	875554	753334	20.69%	1.235%
100	15.545	2283	2288	2296	rBV	396244	529131	14.53%	0.867%

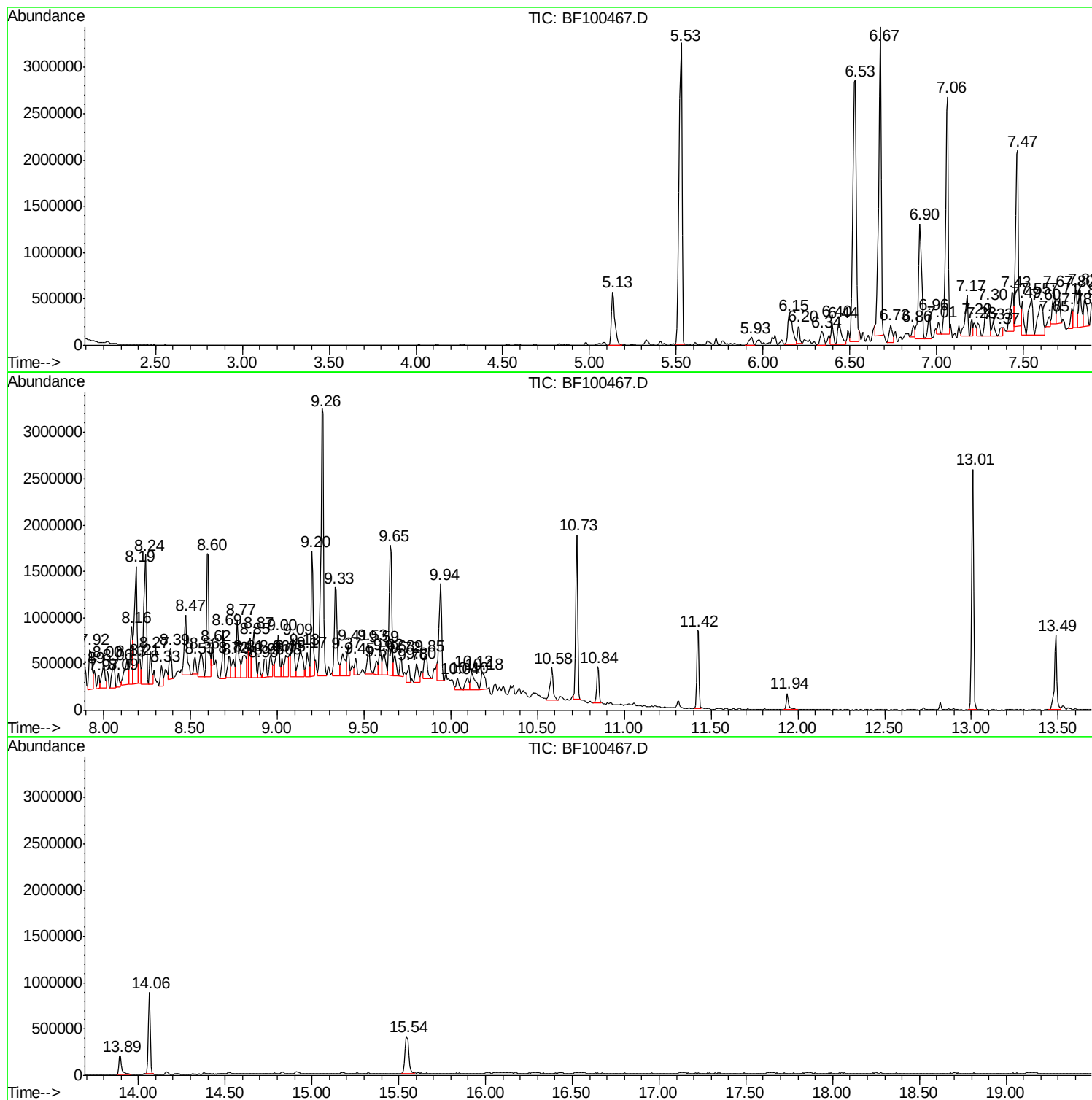
Sum of corrected areas: 60997133

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.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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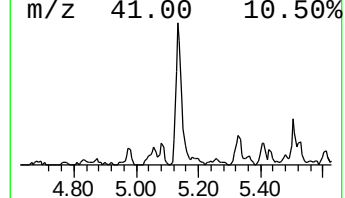
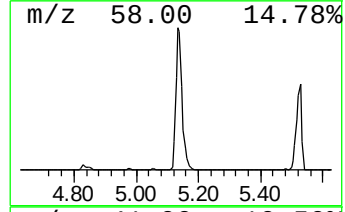
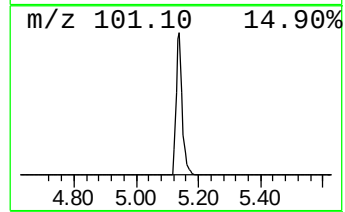
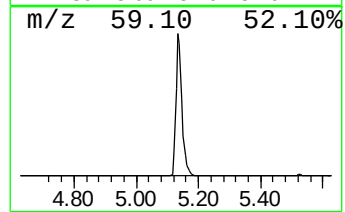
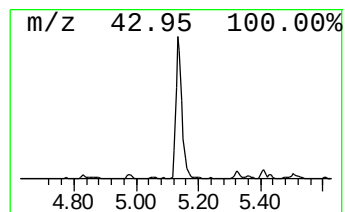
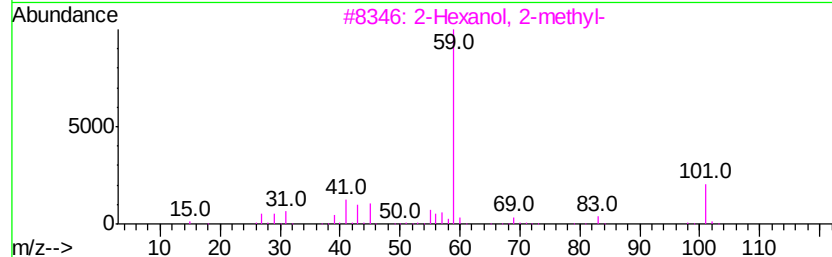
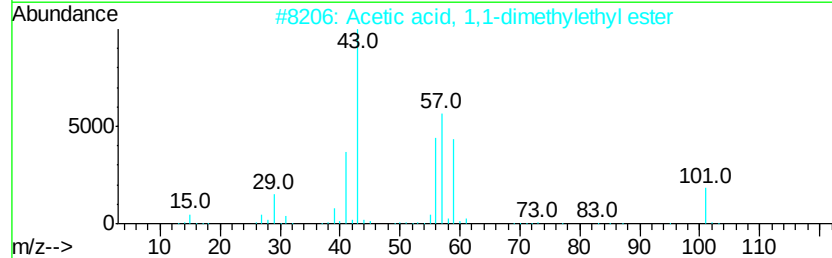
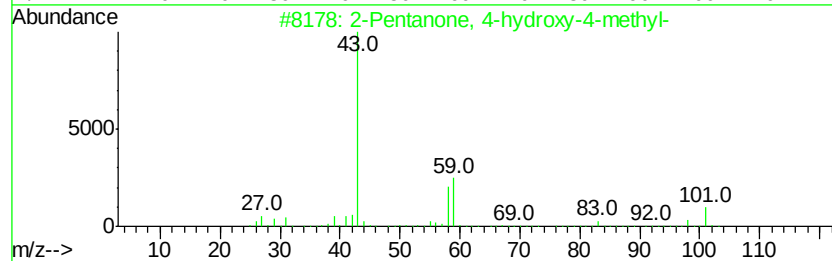
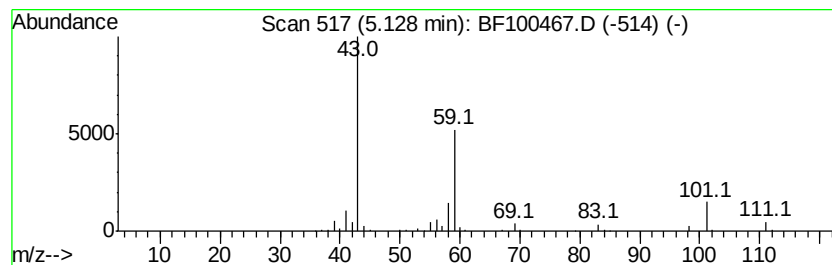
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.13	10.41 ng	772553	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2		Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
3		2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4		1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25
5		4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	10



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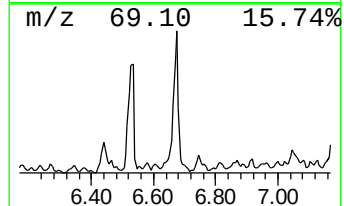
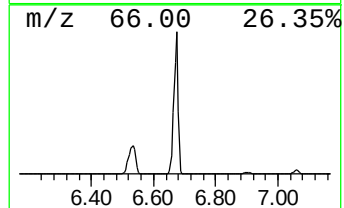
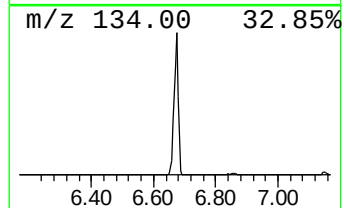
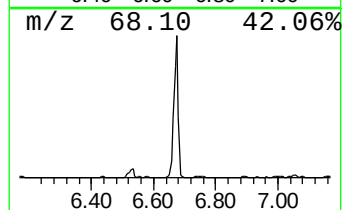
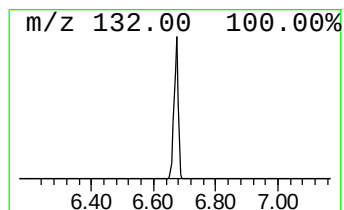
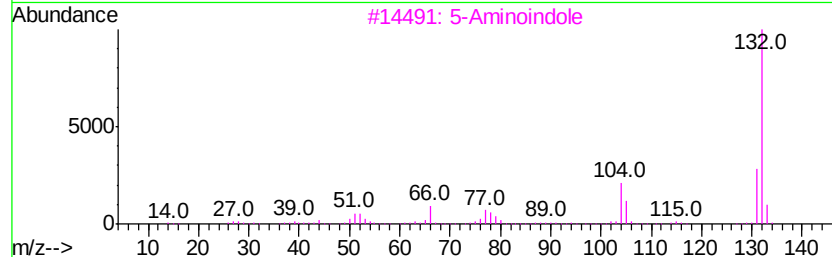
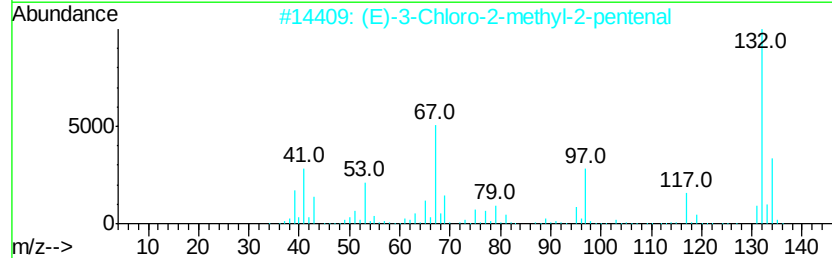
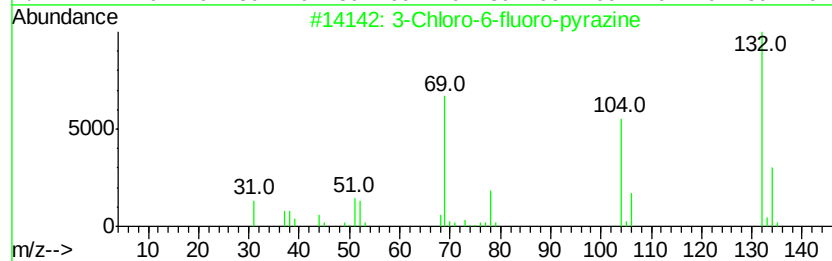
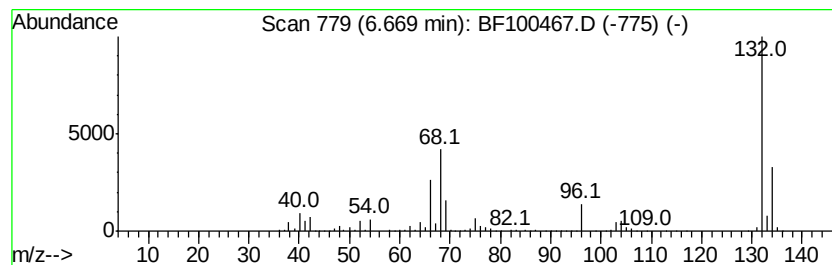
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	46.17 ng	3426560	1,4-Dichlorobenzene-d4	6.90

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-Aminoindole	132	C8H8N2	005192-03-0	12
4		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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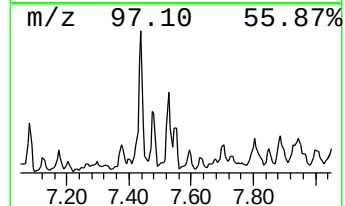
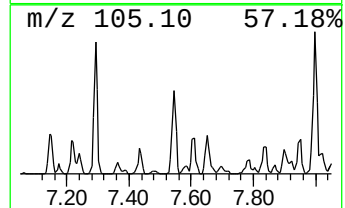
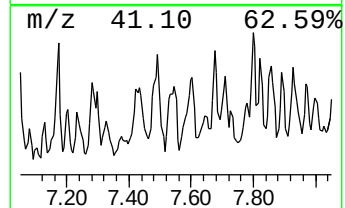
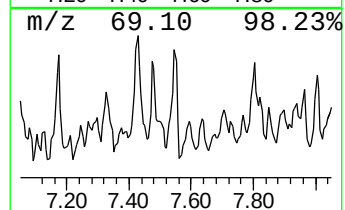
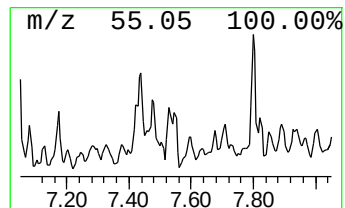
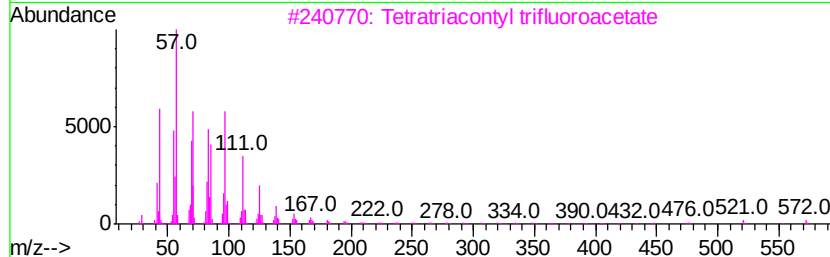
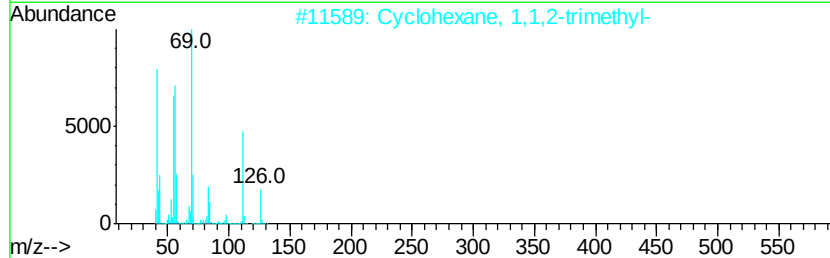
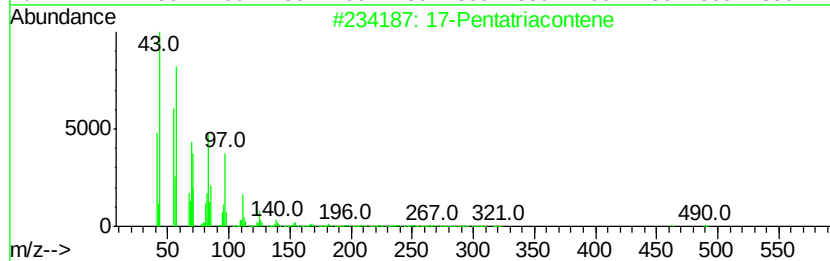
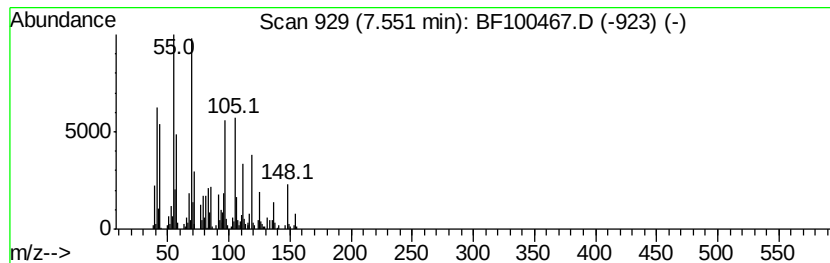
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.55 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	9.37 ng	596121	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	17-Pentatriacontene	491	C35H70	006971-40-0	35
2		Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	30
3		Tetratriacontyl trifluoroacetate	591	C36H69F3O2	1000351-75-3	25
4		Octatriacontyl pentafluoropropio...	697	C41H77F5O2	1000351-89-1	25
5		Cyclopentane, 1-butyl-2-ethyl-	154	C11H22	072993-32-9	22



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-A19R(17.5-19.5)

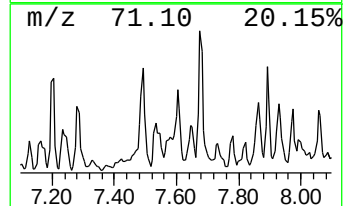
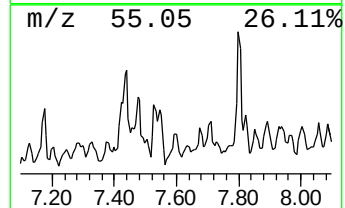
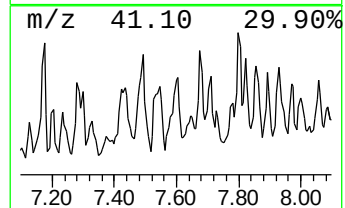
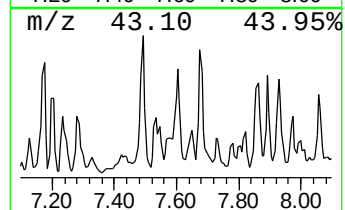
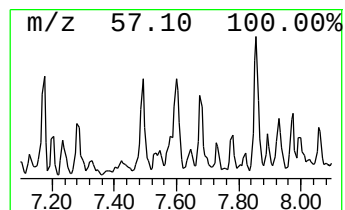
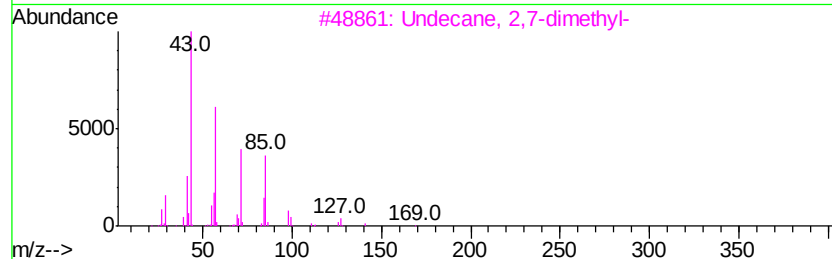
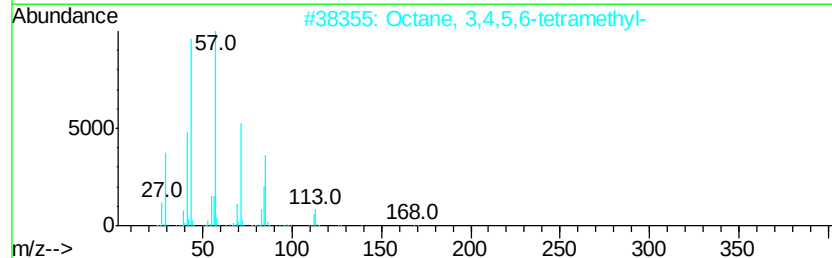
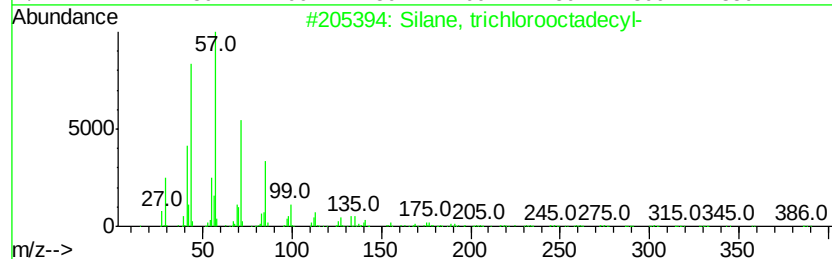
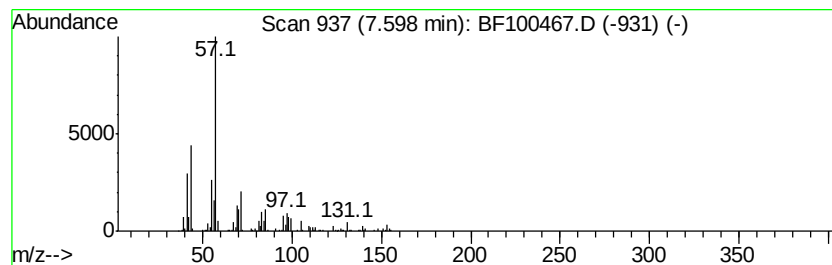
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Silane, trichlorooctadecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	10.95 ng	696896	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	64
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	53
4		2,6-Dimethyldecane	170	C12H26	013150-81-7	53
5		Hexadecane	226	C16H34	000544-76-3	50



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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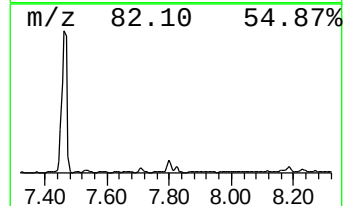
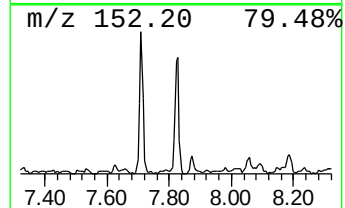
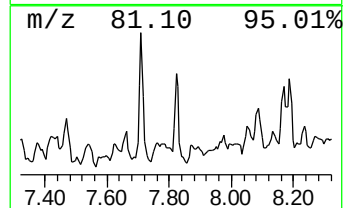
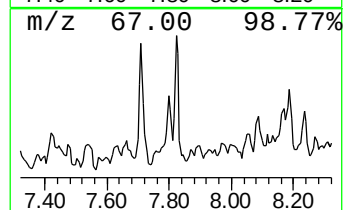
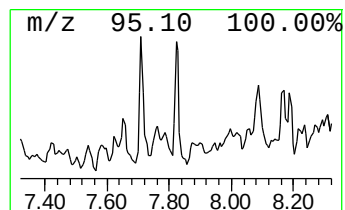
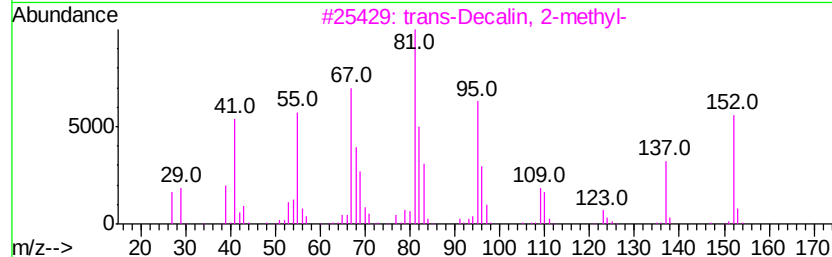
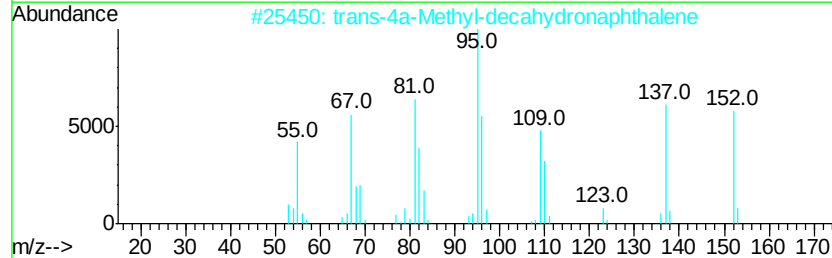
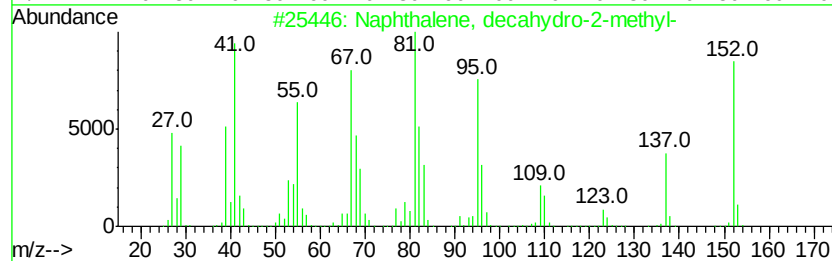
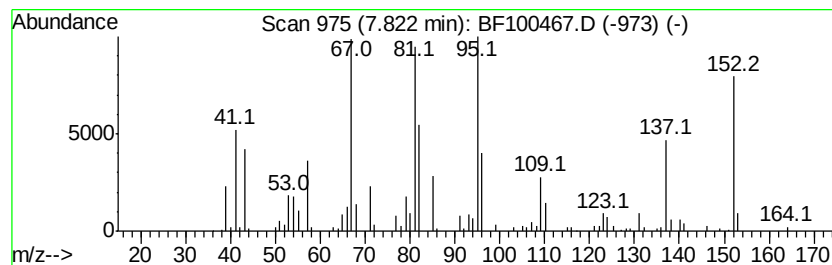
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Naphthalene, decahydro-2-me... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	8.10 ng	515364	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	90
2		trans-4a-Methyl-decahydronaphtha...	152	C11H20	002547-27-5	89
3		trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	89
4		cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	81
5		Bicyclo[4.1.0]heptan-3-one, 4,7,...	152	C10H16O	004176-04-9	68



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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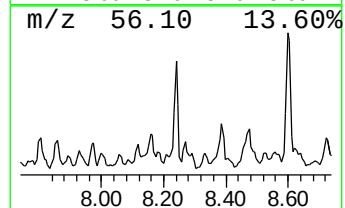
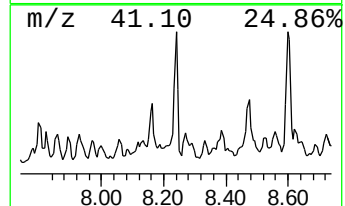
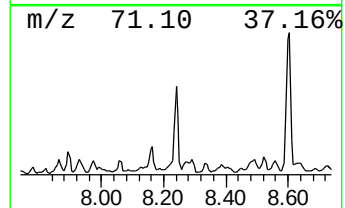
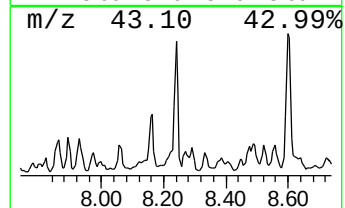
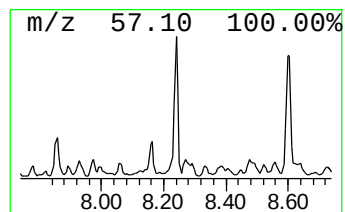
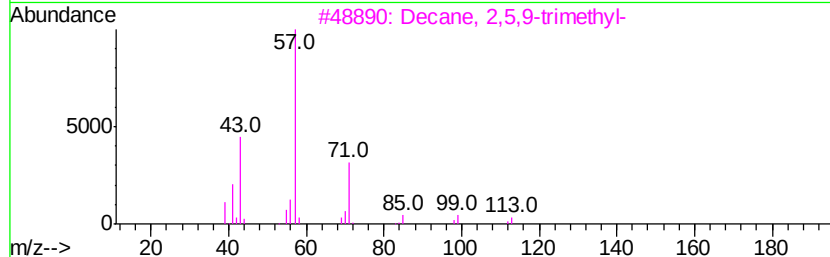
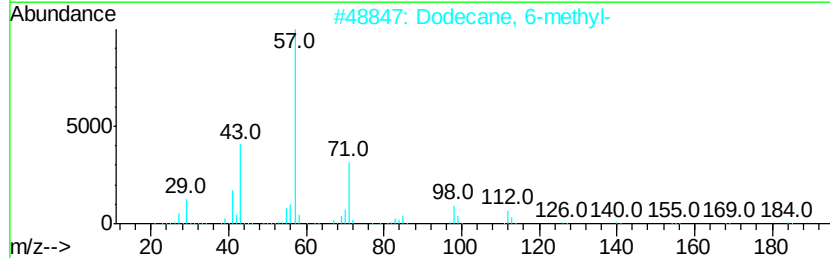
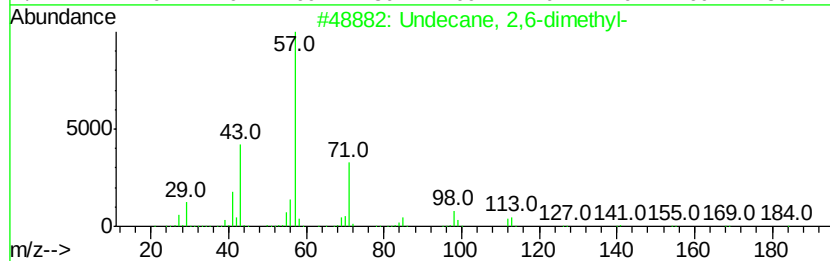
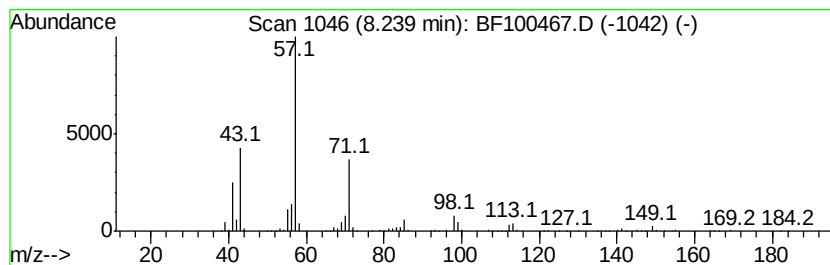
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Undecane, 2,6-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.24	20.26 ng	1289400	Napthalene-d8	8.19
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	95
2	Dodecane, 6-methyl-	184 C13H28	006044-71-9	87
3	Decane, 2,5,9-trimethyl-	184 C13H28	062108-22-9	72
4	Undecane, 3,5-dimethyl-	184 C13H28	017312-81-1	64
5	Tridecane, 7-methyl-	198 C14H30	026730-14-3	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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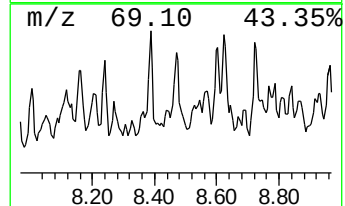
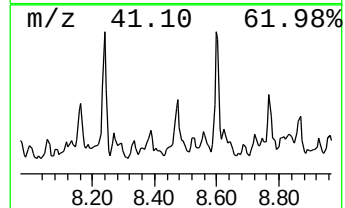
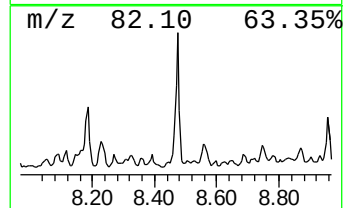
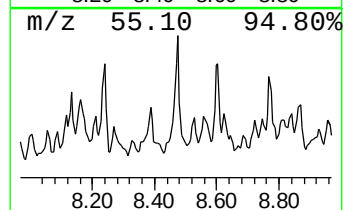
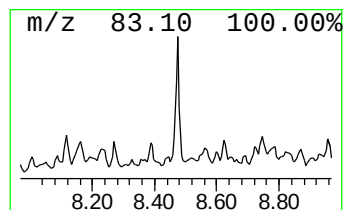
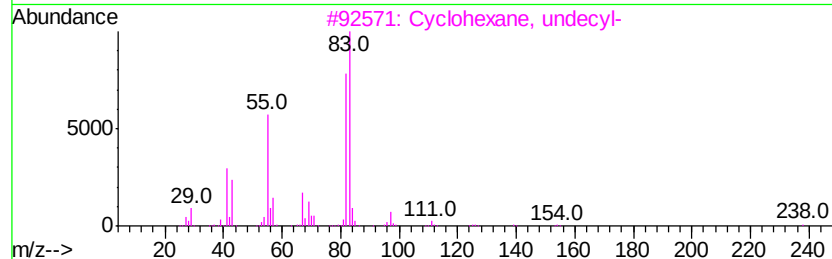
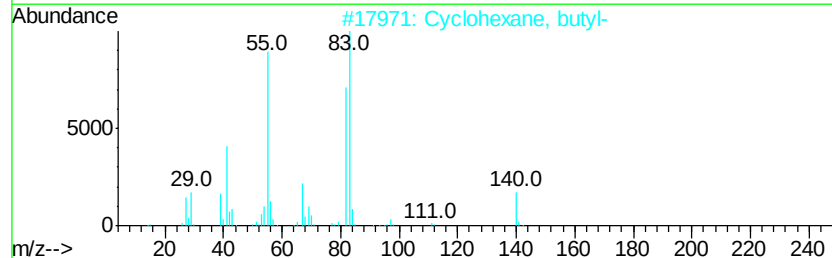
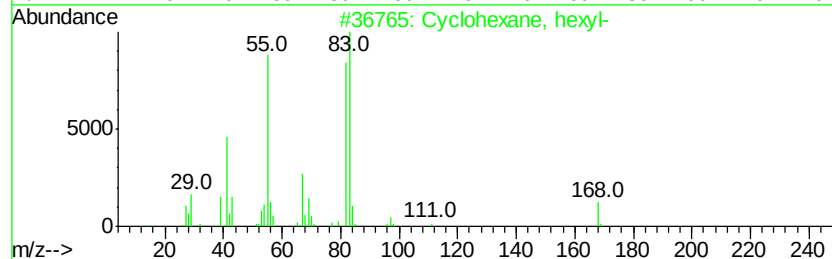
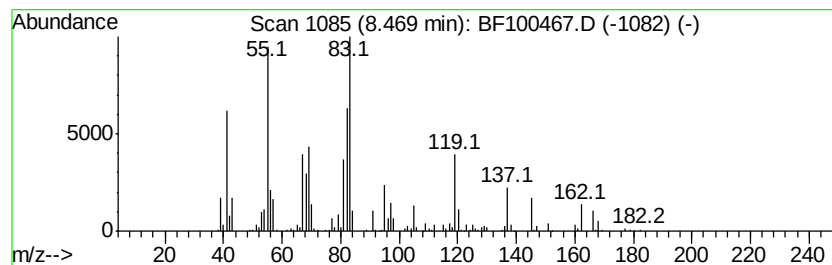
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Cyclohexane, hexyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	11.11 ng	707074	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59
2		Cyclohexane, butyl-	140	C10H20	001678-93-9	59
3		Cyclohexane, undecyl-	238	C17H34	054105-66-7	59
4		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	58
5		Cyclohexane, octyl-	196	C14H28	001795-15-9	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
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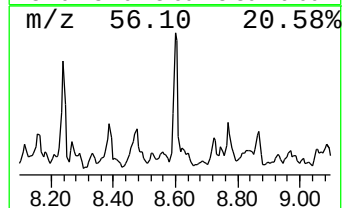
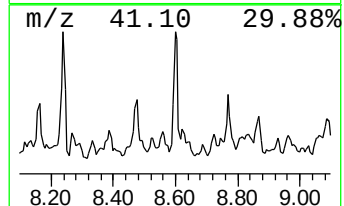
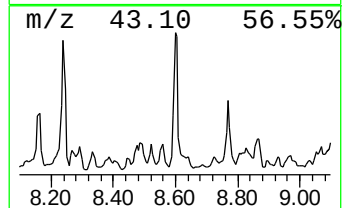
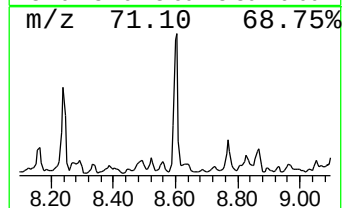
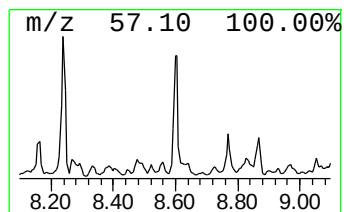
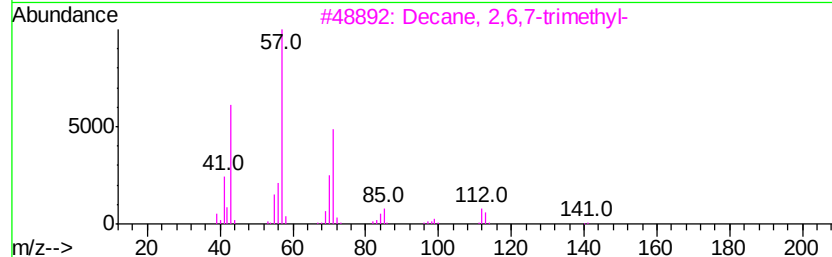
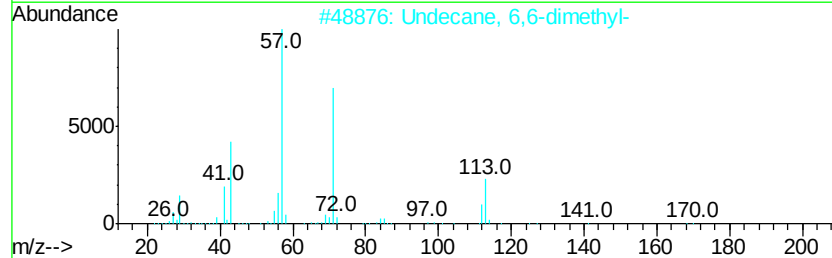
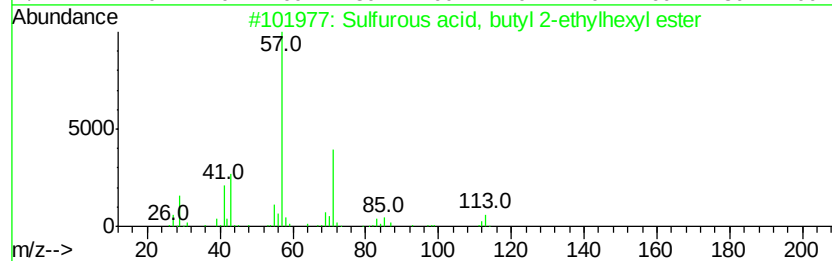
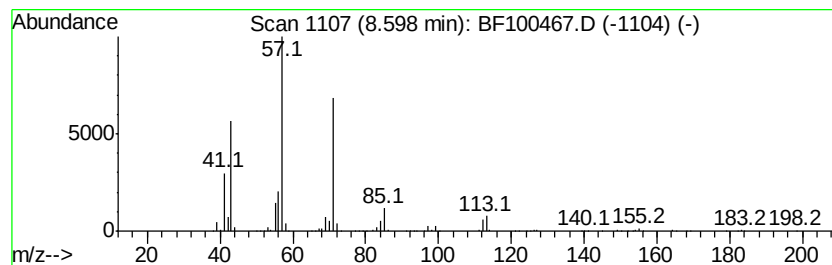
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, butyl 2-eth... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	20.81 ng	1324170	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl 2-ethylhex...	250	C12H26O3S	1000309-18-8	64
2		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	64
3		Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	59
4		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53
5		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	53



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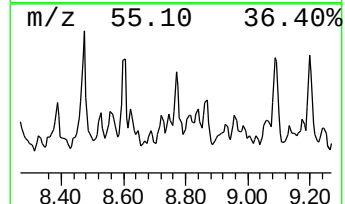
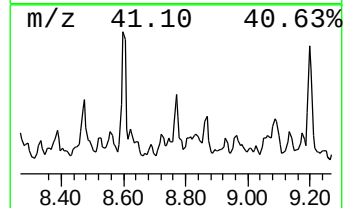
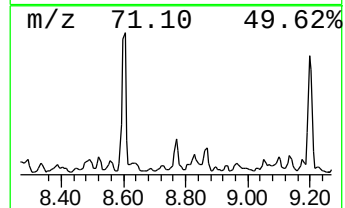
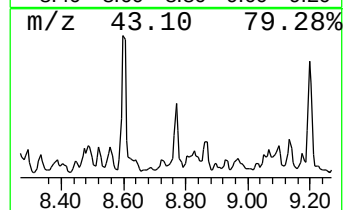
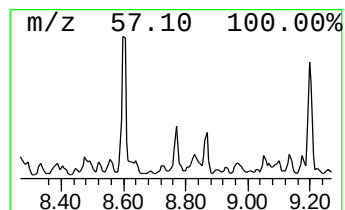
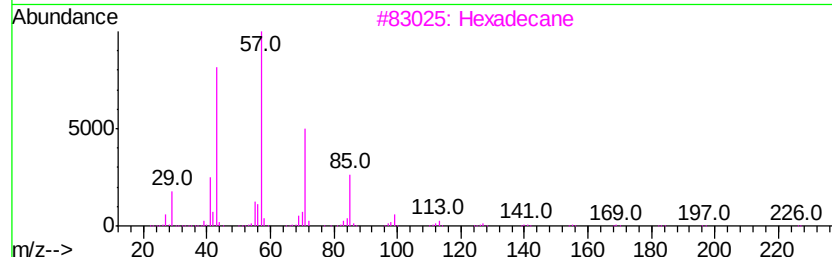
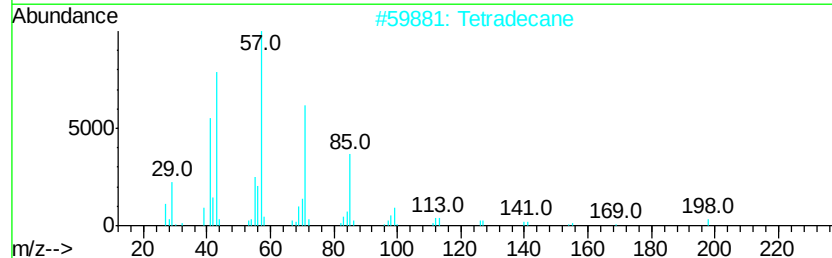
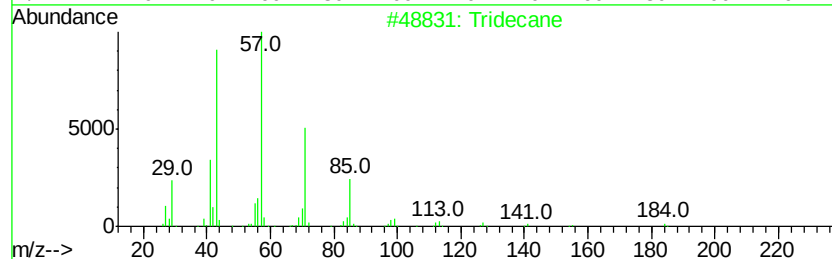
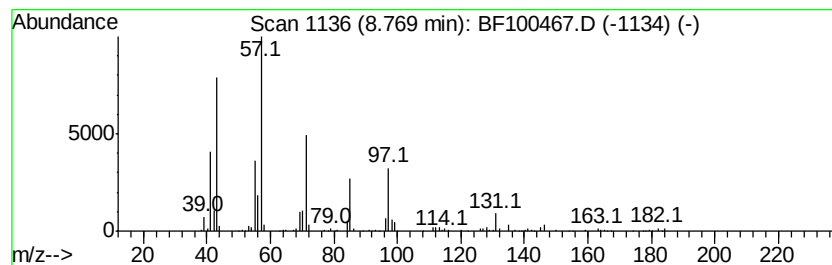
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 Tridecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	10.56 ng	672214	Napthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	64
2		Tetradecane	198	C14H30	000629-59-4	58
3		Hexadecane	226	C16H34	000544-76-3	58
4		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	53
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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Sample : I6408-02
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ALS Vial : 38 Sample Multiplier: 1

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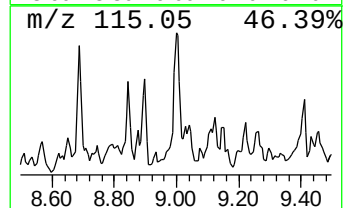
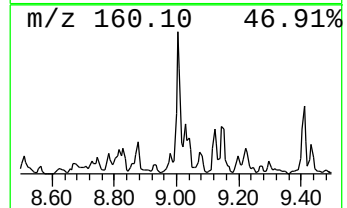
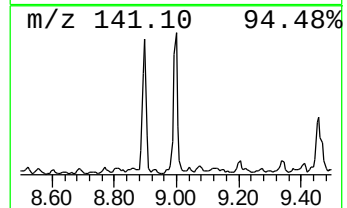
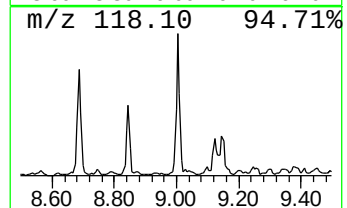
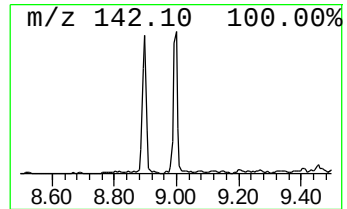
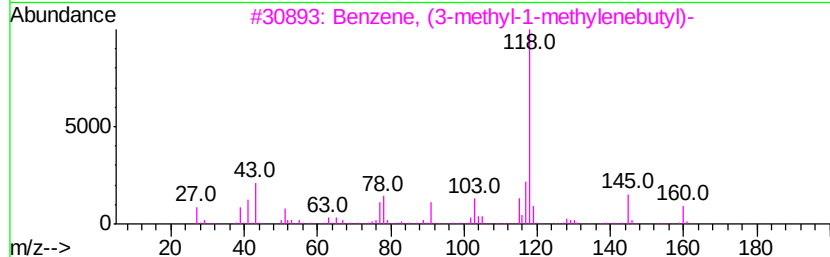
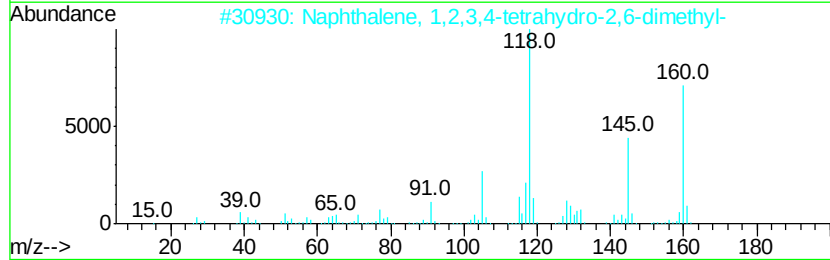
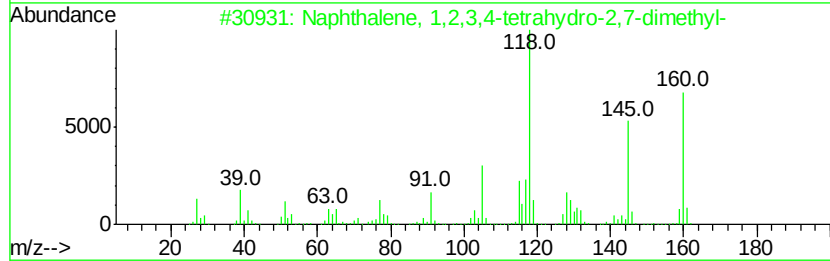
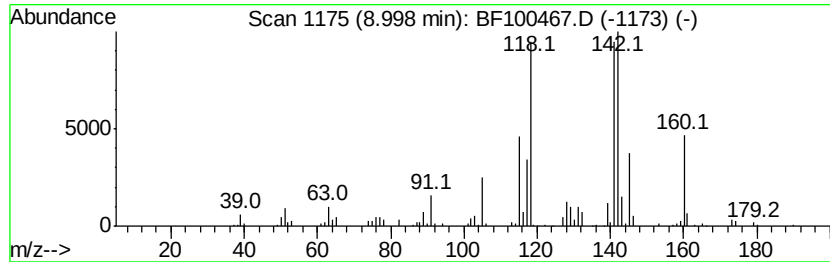
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Naphthalene, 1,2,3,4-tetra... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	8.33 ng	530235	Naphthalene-d8	8.19

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	91
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	68
3		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	52
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	52
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	43



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

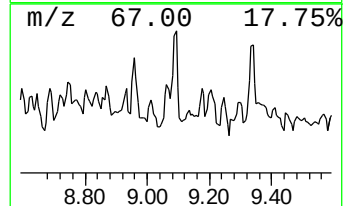
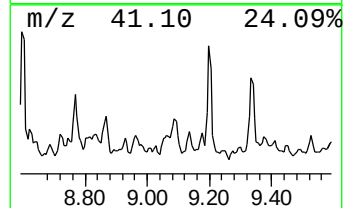
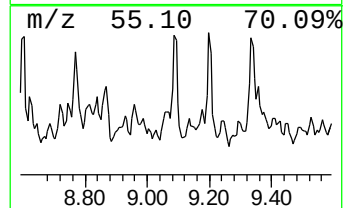
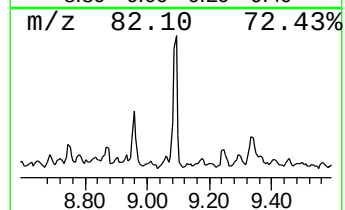
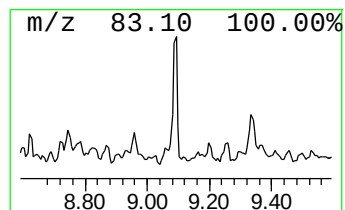
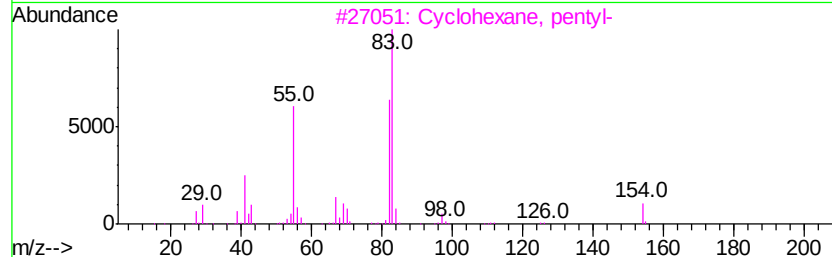
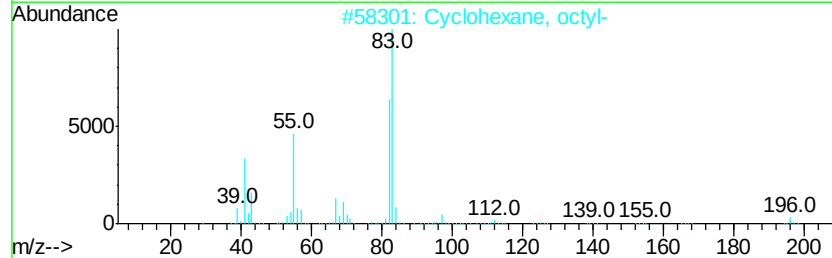
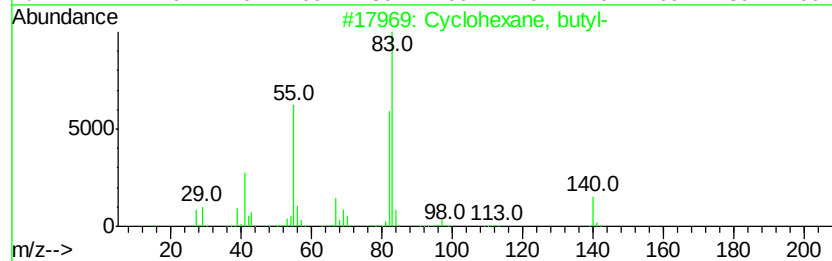
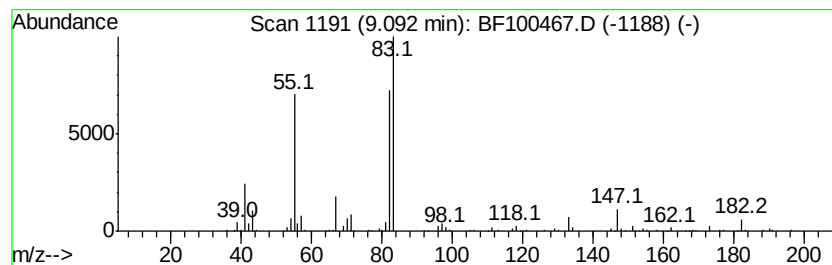
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Cyclohexane, butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.09	12.00 ng	560191	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
2		Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	72
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
5		Cyclohexane, propyl-	126	C9H18	001678-92-8	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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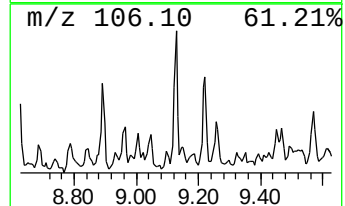
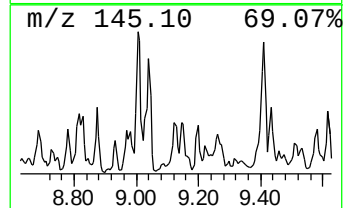
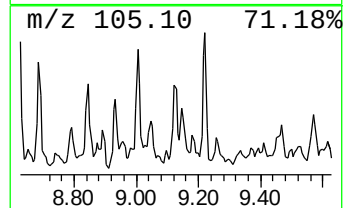
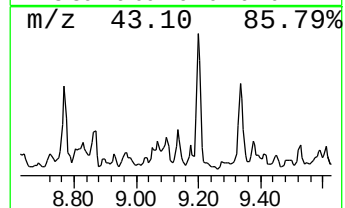
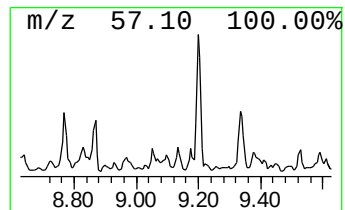
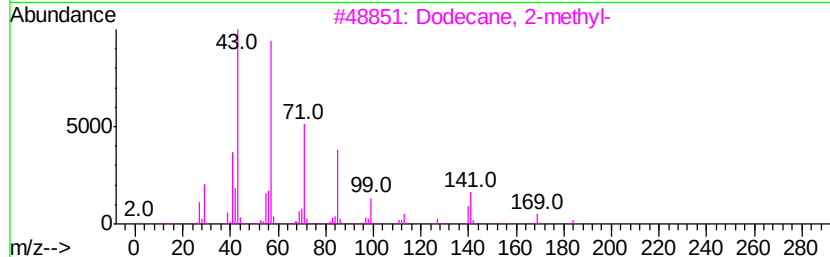
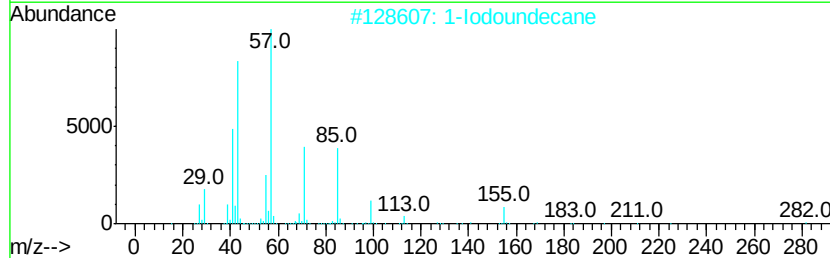
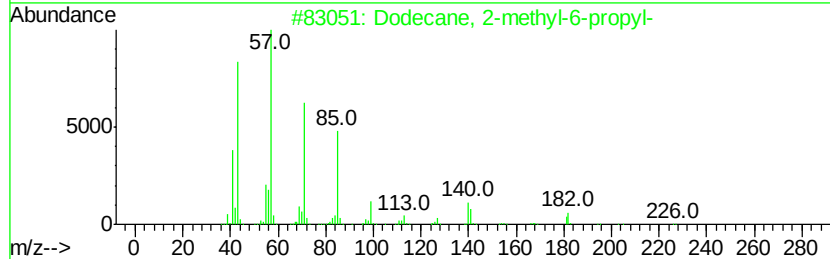
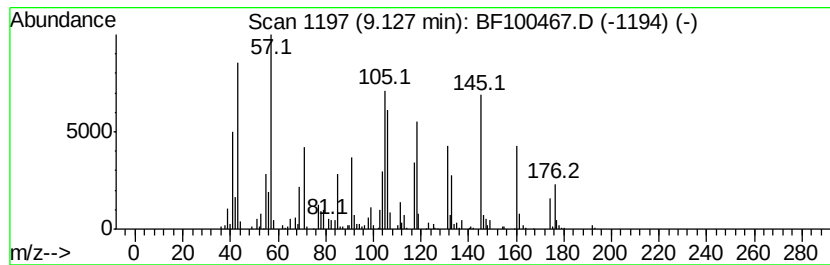
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 unknown9.13 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.13	11.32 ng	528338	Acenaphthene-d10	9.94
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2-methyl-6-propyl-	226 C16H34	055045-08-4	49
2	1-Iodoundecane	282 C11H23I	004282-44-4	49
3	Dodecane, 2-methyl-	184 C13H28	001560-97-0	47
4	Tridecane, 2-methyl-	198 C14H30	001560-96-9	47
5	Heptacosane	380 C27H56	000593-49-7	47



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
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Instrument :
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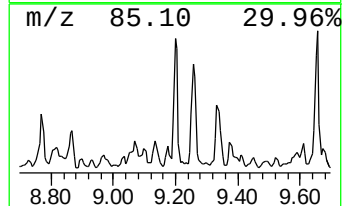
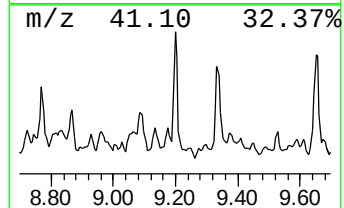
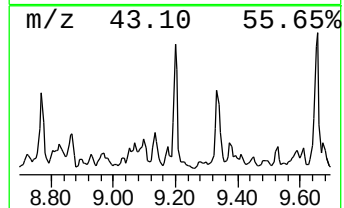
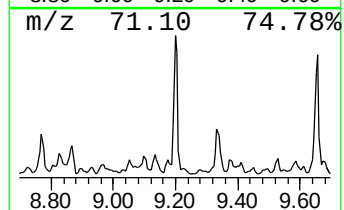
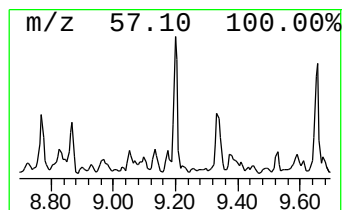
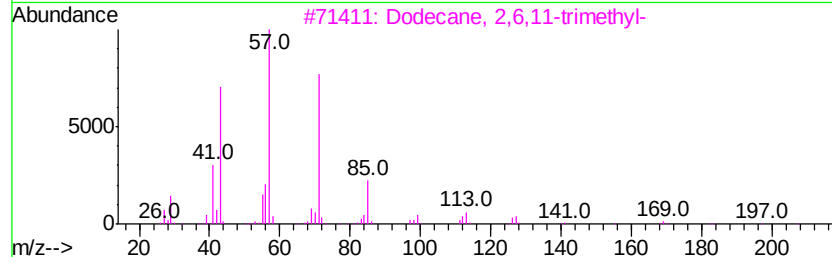
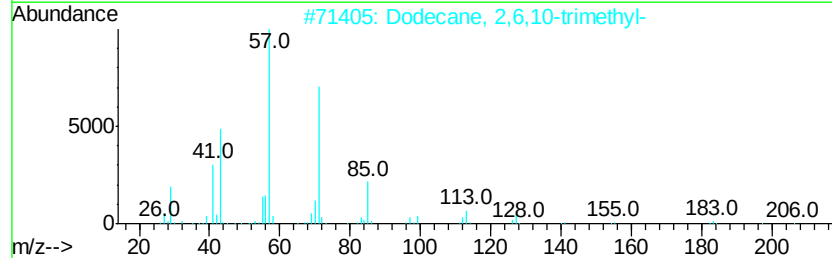
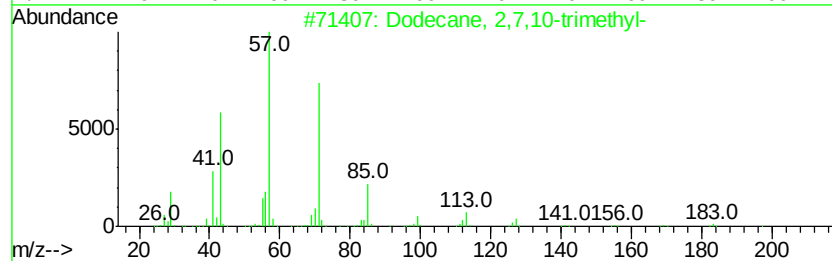
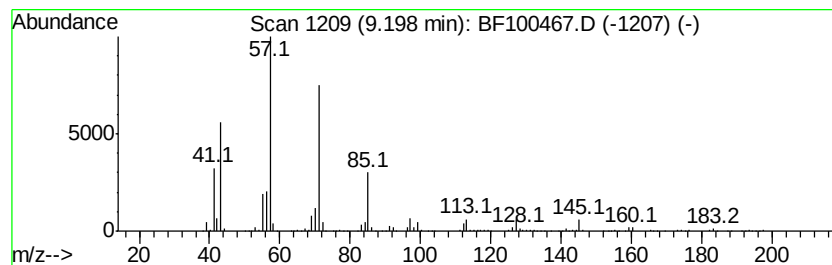
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,7,10-trimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	25.72 ng	1200760	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	90
2		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	90
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
4		Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
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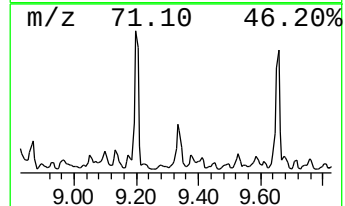
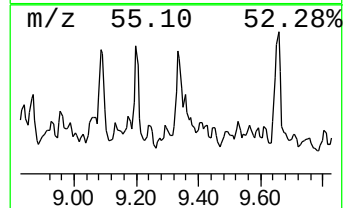
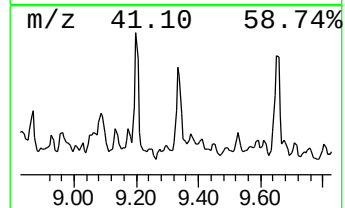
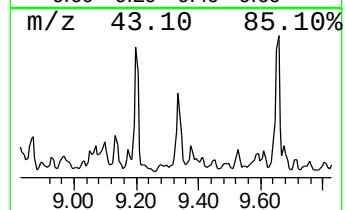
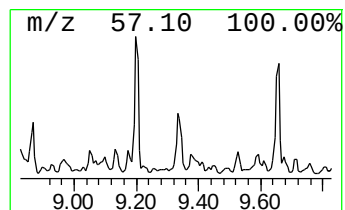
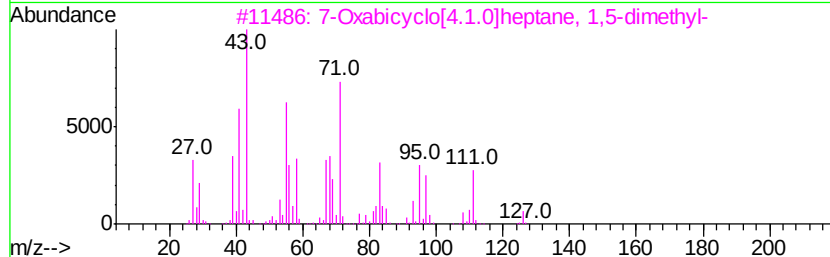
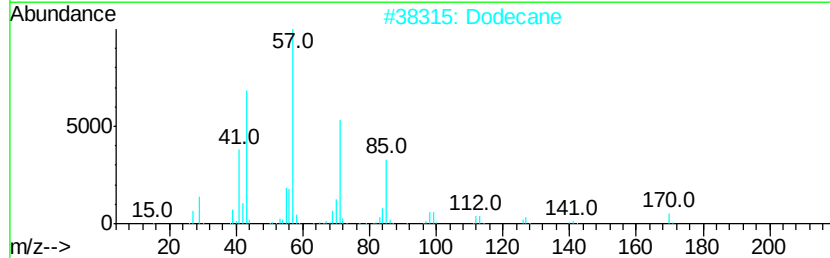
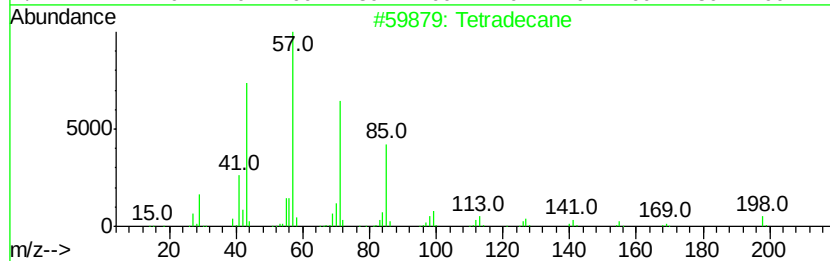
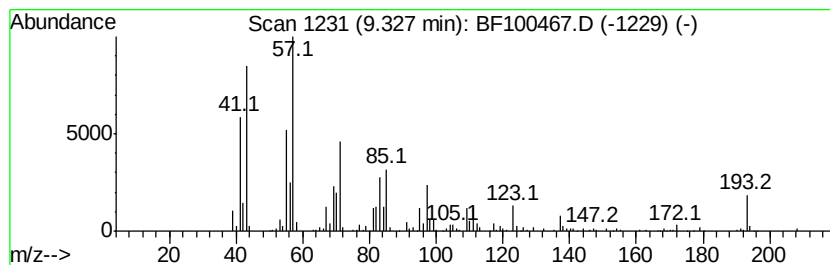
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 unknown9.33 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	25.29 ng	1180640	Acenaphthene-d10	9.94

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	38
2		Dodecane	170	C12H26	000112-40-3	38
3		7-Oxabicyclo[4.1.0]heptane, 1,5-dimethyl-	126	C8H14O	162239-52-3	38
4		Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	38
5		1-Decanol, 2-hexyl-	242	C16H34O	002425-77-6	35



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
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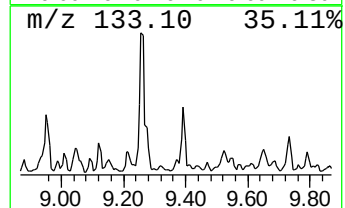
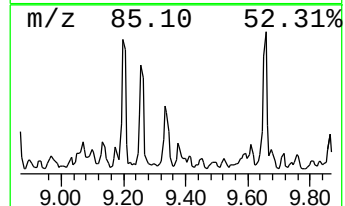
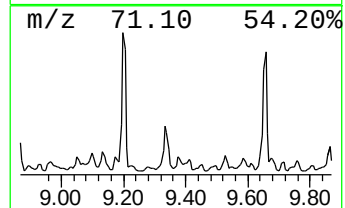
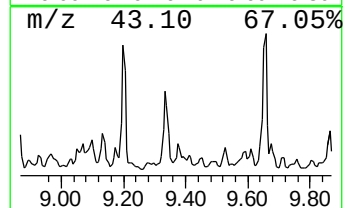
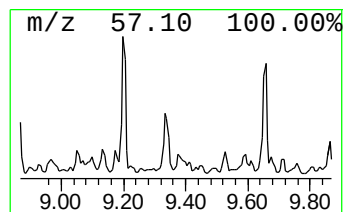
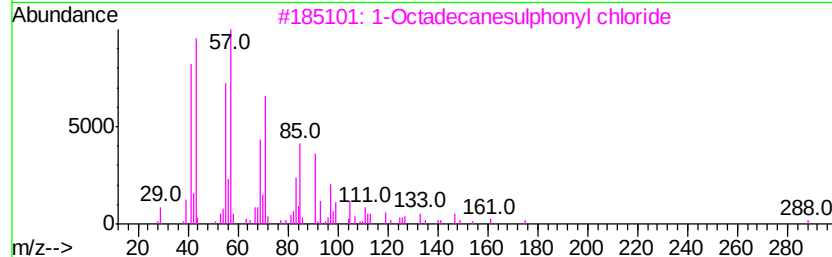
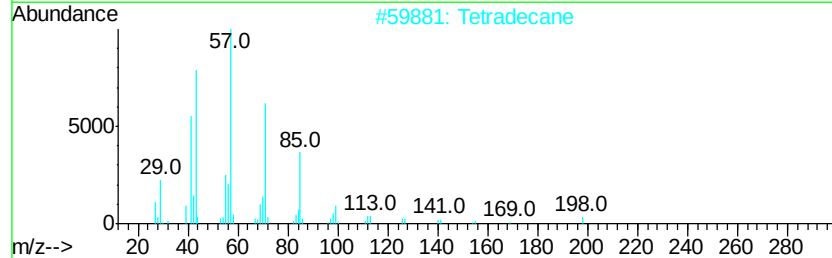
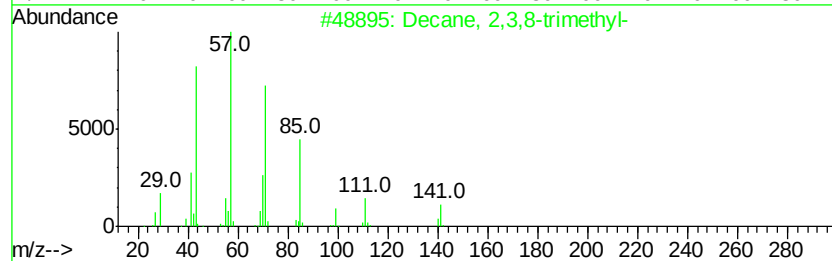
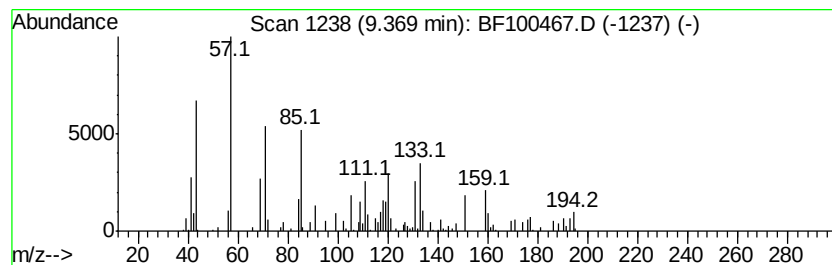
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Decane, 2,3,8-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	7.94 ng	370760	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
2			Tetradecane	198	C14H30	000629-59-4	64
3			1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	59
4			Undecane, 5-ethyl-	184	C13H28	017453-94-0	59
5			Octacosane	394	C28H58	000630-02-4	59



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
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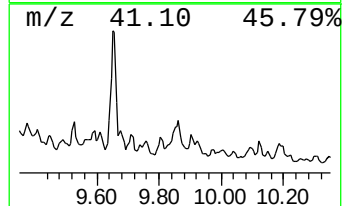
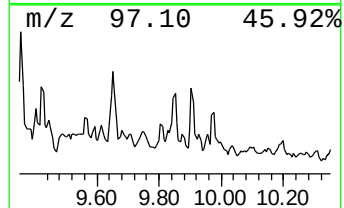
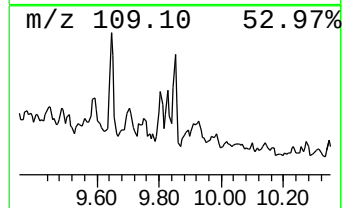
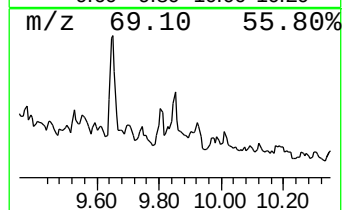
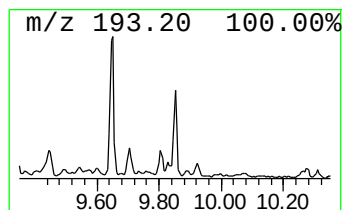
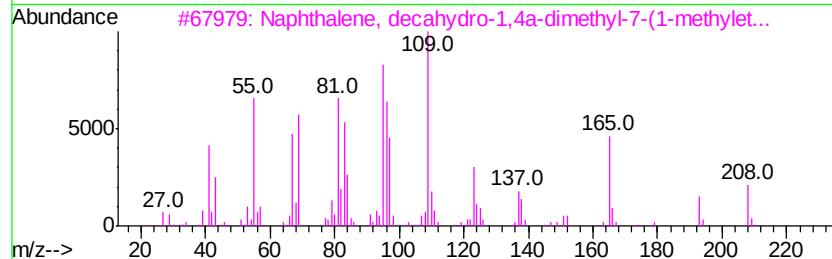
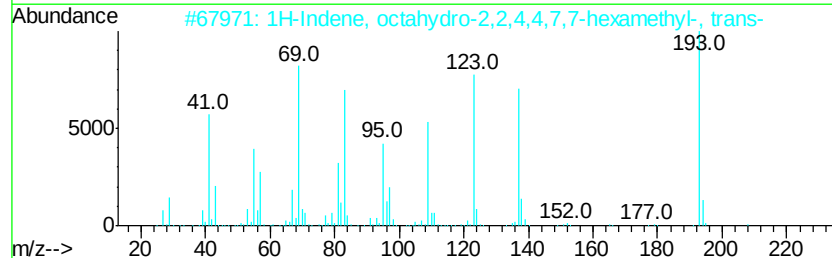
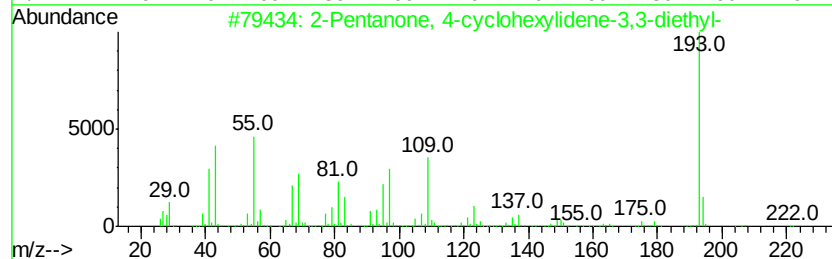
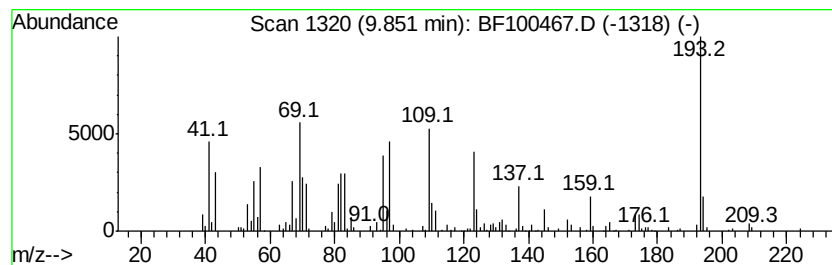
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 unknown9.85 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	7.96 ng	371617	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-cvclohexylidene-3...	222	C15H26O	313253-65-5	38
2			1H-Indene, octahydro-2,2,4,4,7,7...	208	C15H28	054832-83-6	38
3			Naphthalene, decahvdro-1,4a-dime...	208	C15H28	030824-81-8	25
4			1-Anthracenamine	193	C14H11N	000610-49-1	25
5			Methyl tetrahydroionol	212	C14H28O	060241-53-4	22



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MW-A19R(17.5-19.5)

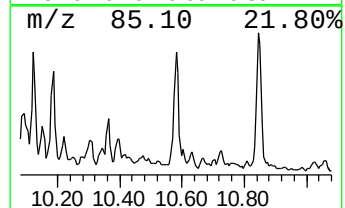
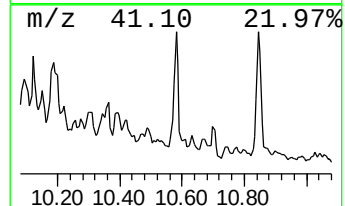
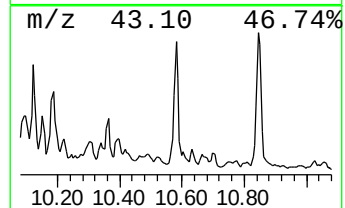
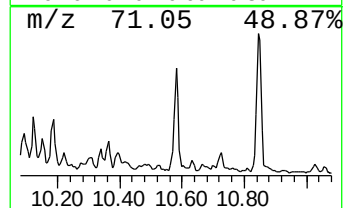
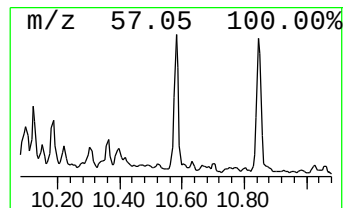
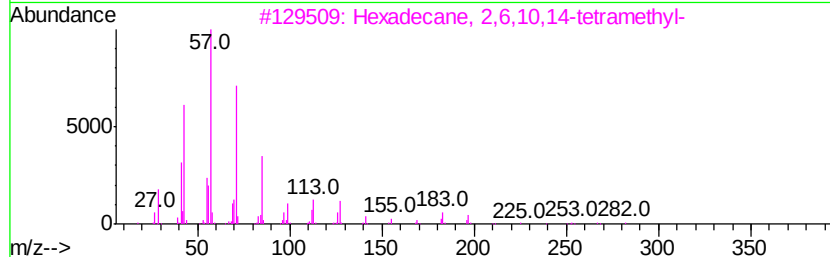
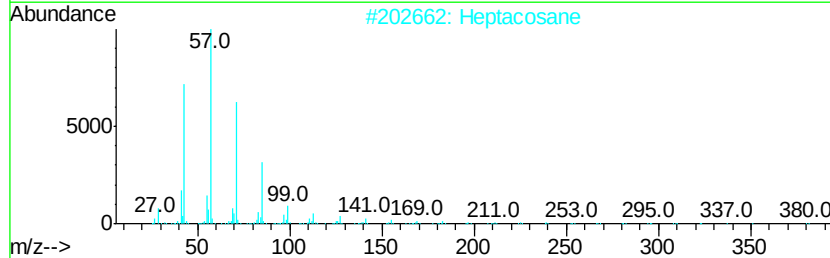
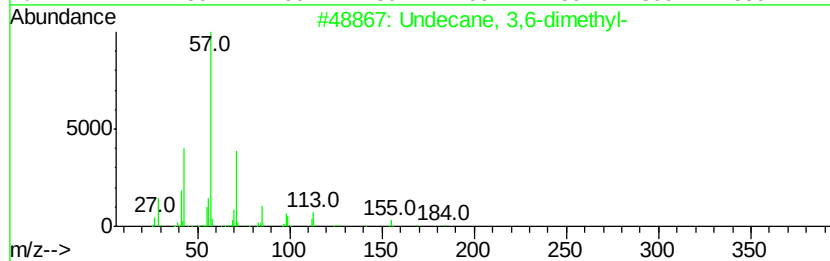
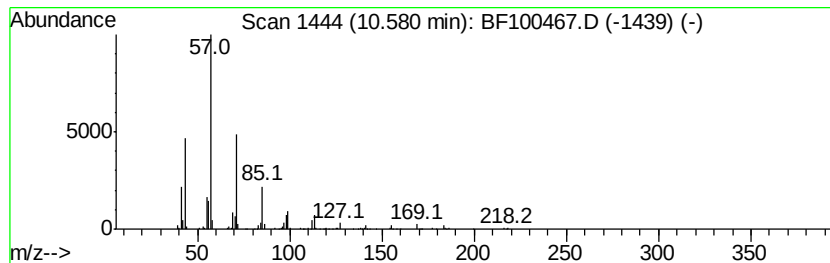
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Undecane, 3,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.58	8.69 ng	405892	Acenaphthene-d10	9.94

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2			Heptacosane	380	C27H56	000593-49-7	80
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72
4			Heneicosane	296	C21H44	000629-94-7	72
5			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

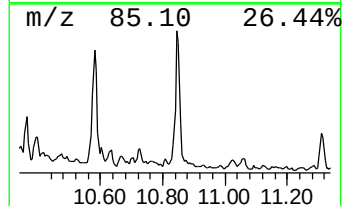
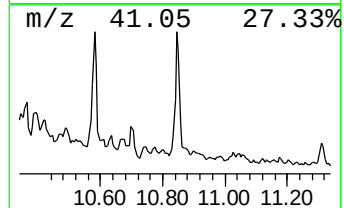
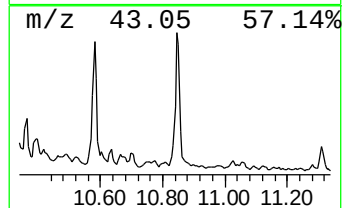
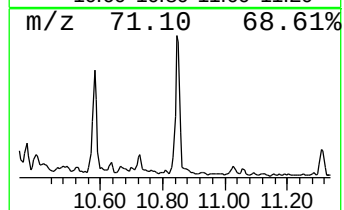
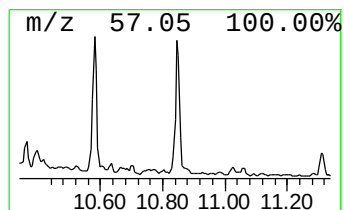
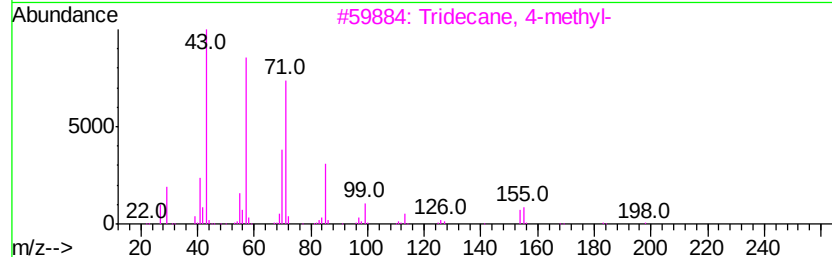
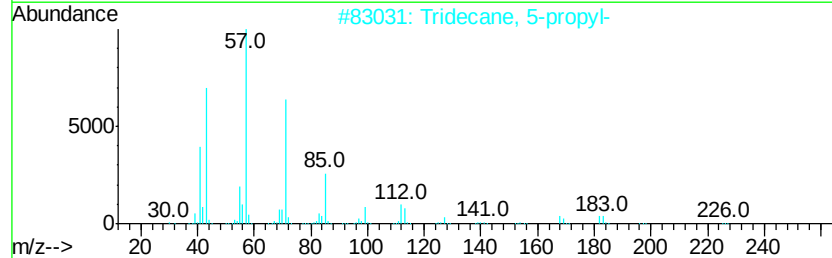
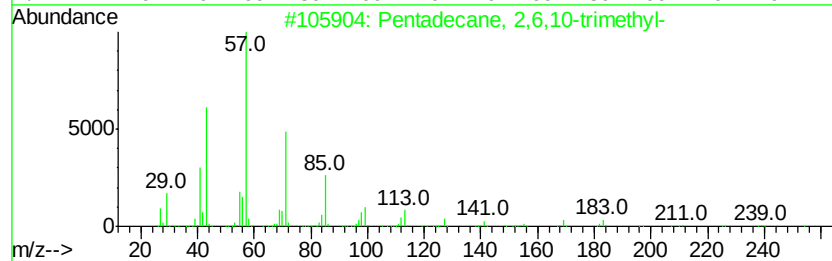
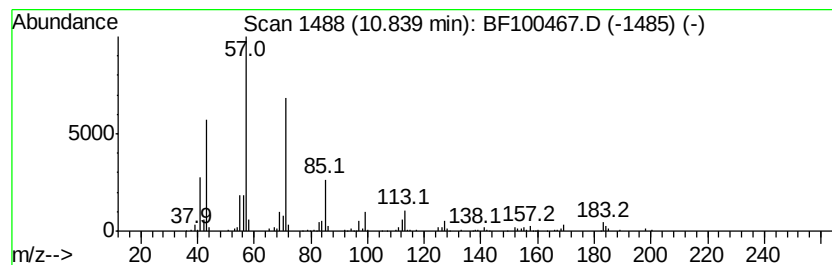
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.84	10.01 ng	399006	Phenanthrene-d10	11.43

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2		Tridecane, 5-propyl-	226	C16H34	055045-11-9	86
3		Tridecane, 4-methyl-	198	C14H30	026730-12-1	81
4		Tridecane, 6-methyl-	198	C14H30	013287-21-3	81
5		Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF111117\
Data File : BF100467.D
Acq On : 12 Nov 2017 4:23
Operator : SJ/JU
Sample : I6408-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-A19R(17.5-19.5)

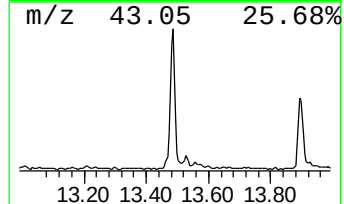
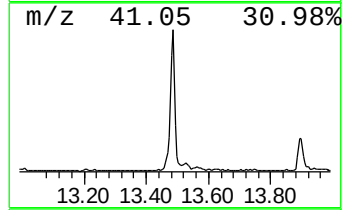
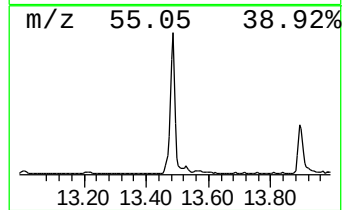
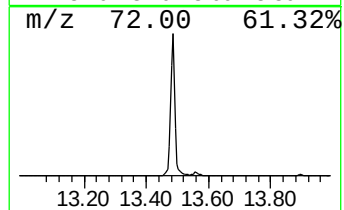
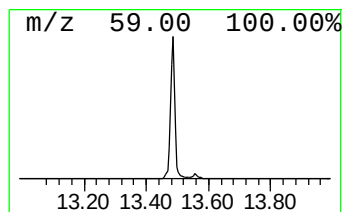
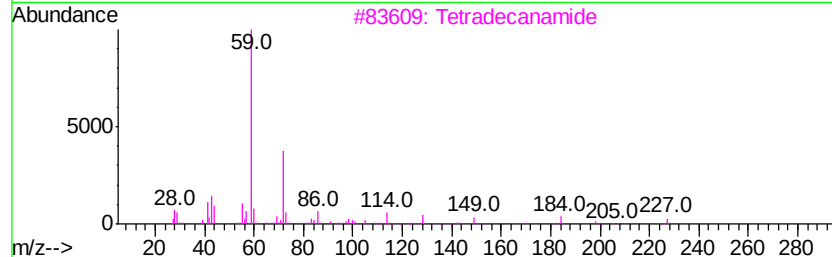
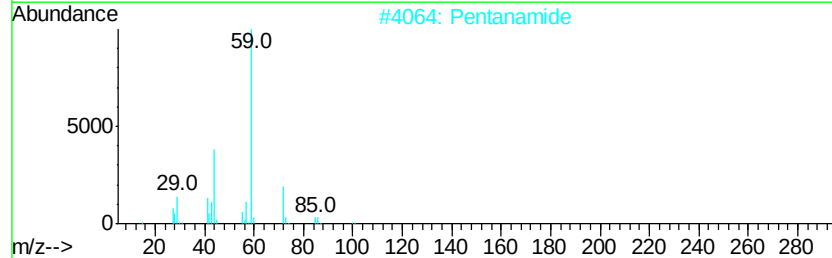
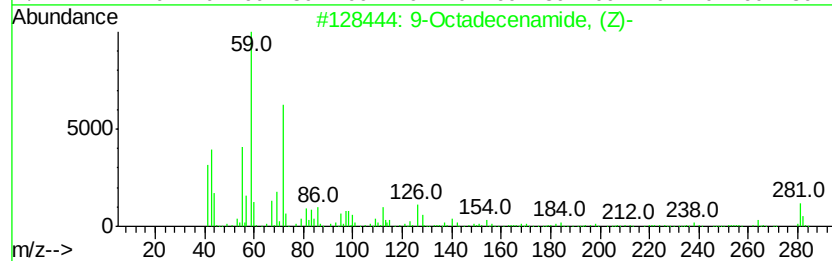
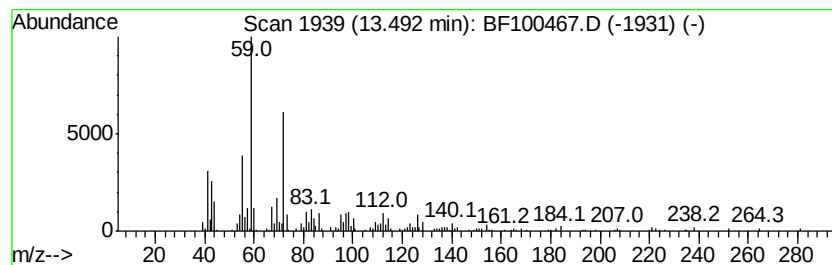
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 9-Octadecenamide, (Z)- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.49	21.13 ng	795807	Chrysene-d12	14.06

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	95
2		Pentanamide	101	C5H11NO	000626-97-1	64
3		Tetradecanamide	227	C14H29NO	000638-58-4	64
4		Dodecanamide	199	C12H25NO	001120-16-7	59
5		Nonanamide	157	C9H19NO	001120-07-6	59



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF111117\
 Data File : BF100467.D
 Acq On : 12 Nov 2017 4:23
 Operator : SJ/JU
 Sample : I6408-02
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-A19R(17.5-19.5)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.13	10.4	ng	772553	1	6.90	1484300	20.0
unknown6.67	6.67	46.2	ng	3426560	1	6.90	1484300	20.0
unknown7.55	7.55	9.4	ng	596121	2	8.19	1272600	20.0
Silane, trichloro...	7.60	10.9	ng	696896	2	8.19	1272600	20.0
Naphthalene, deca...	7.82	8.1	ng	515364	2	8.19	1272600	20.0
Undecane, 2,6-dim...	8.24	20.3	ng	1289400	2	8.19	1272600	20.0
Cyclohexane, hexyl-	8.47	11.1	ng	707074	2	8.19	1272600	20.0
Sulfurous acid, b...	8.60	20.8	ng	1324170	2	8.19	1272600	20.0
Tridecane	8.77	10.6	ng	672214	2	8.19	1272600	20.0
Naphthalene, 1,2,...	9.00	8.3	ng	530235	2	8.19	1272600	20.0
Cyclohexane, butyl-	9.09	12.0	ng	560191	3	9.94	933698	20.0
unknown9.13	9.13	11.3	ng	528338	3	9.94	933698	20.0
Dodecane, 2,7,10-...	9.20	25.7	ng	1200760	3	9.94	933698	20.0
unknown9.33	9.33	25.3	ng	1180640	3	9.94	933698	20.0
Decane, 2,3,8-tri...	9.37	7.9	ng	370760	3	9.94	933698	20.0
unknown9.85	9.85	8.0	ng	371617	3	9.94	933698	20.0
Undecane, 3,6-dim...	10.58	8.7	ng	405892	3	9.94	933698	20.0
Pentadecane, 2,6,...	10.84	10.0	ng	399006	4	11.43	797180	20.0
9-Octadecenamide,...	13.49	21.1	ng	795807	5	14.06	753334	20.0