

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
 Data File : BF107658.D
 Acq On : 25 Jul 2018 15:46
 Operator : JU/SJ
 Sample : J3821-11 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

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-BF072018.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	5.184	481	484	501	rBV	109579	132927	8.61%	0.439%
2	5.596	550	554	564	rBV	292178	555389	35.95%	1.834%
3	5.866	596	600	603	rBV	82342	71677	4.64%	0.237%
4	6.201	652	657	658	rBV	78679	81204	5.26%	0.268%
5	6.390	685	689	693	rBV3	52945	84498	5.47%	0.279%
6	6.448	697	699	702	rVB	104552	83176	5.38%	0.275%
7	6.484	702	705	710	rBV3	147879	224984	14.56%	0.743%
8	6.537	712	714	716	rBV	91013	71067	4.60%	0.235%
9	6.595	721	724	737	rBV2	316293	726133	47.01%	2.397%
10	6.695	737	741	745	rBV4	61004	95702	6.20%	0.316%
11	6.737	745	748	753	rBV	662984	725365	46.96%	2.395%
12	6.784	753	756	760	rVB	652769	532769	34.49%	1.759%
13	6.913	776	778	780	rBV3	52410	53152	3.44%	0.175%
14	6.966	783	787	793	rBV2	984577	1123966	72.76%	3.711%
15	7.060	801	803	807	rVB2	74117	73346	4.75%	0.242%
16	7.101	807	810	811	rBV2	158679	176579	11.43%	0.583%
17	7.119	811	813	821	rVB	611492	659852	42.72%	2.178%
18	7.225	825	831	834	rBV3	209951	250050	16.19%	0.826%
19	7.254	834	836	837	rVV	95027	66386	4.30%	0.219%
20	7.284	837	841	846	rVB2	227426	304754	19.73%	1.006%
21	7.331	846	849	851	rBV	174714	168907	10.93%	0.558%
22	7.354	851	853	855	rVV	130619	104083	6.74%	0.344%
23	7.378	855	857	862	rVB5	59370	86023	5.57%	0.284%
24	7.425	862	865	866	rBV	60517	66275	4.29%	0.219%
25	7.442	866	868	871	rVB	63281	59107	3.83%	0.195%
26	7.489	871	876	880	rBV3	232081	300335	19.44%	0.992%
27	7.542	880	885	890	rBV2	1156522	1311452	84.90%	4.330%
28	7.601	890	895	898	rVB5	178645	255912	16.57%	0.845%
29	7.648	898	903	908	rBV4	113234	196203	12.70%	0.648%
30	7.725	914	916	919	rBV2	139435	115327	7.47%	0.381%
31	7.766	919	923	931	rVB3	153906	278793	18.05%	0.920%
32	7.831	931	934	935	rBV2	71824	80584	5.22%	0.266%
33	7.854	935	938	940	rVV3	162449	137981	8.93%	0.456%
34	7.884	940	943	945	rVV3	127765	151639	9.82%	0.501%

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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-BF072018.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.913	945	948	951	rVB2	137426	158547	10.26%	0.523%
36	7.942	951	953	957	rBV3	131244	135441	8.77%	0.447%
37	7.978	957	959	962	rVV	347255	293758	19.02%	0.970%
38	8.007	962	964	965	rVV	59372	52978	3.43%	0.175%
39	8.025	965	967	969	rVB	164336	111033	7.19%	0.367%
40	8.054	969	972	975	rVB2	114292	122020	7.90%	0.403%
41	8.107	979	981	984	rVB	138177	125965	8.15%	0.416%
42	8.142	984	987	989	rBV3	57523	71877	4.65%	0.237%
43	8.172	989	992	993	rBV2	58868	54440	3.52%	0.180%
44	8.189	993	995	996	rVV2	73164	66984	4.34%	0.221%
45	8.213	996	999	1002	rVV	1199787	1058684	68.54%	3.495%
46	8.248	1002	1005	1010	rVV	1425817	1544699	100.00%	5.100%
47	8.289	1010	1012	1015	rVB	557713	430590	27.88%	1.422%
48	8.325	1015	1018	1023	rVB3	146179	200961	13.01%	0.663%
49	8.389	1025	1029	1031	rBV4	47624	64135	4.15%	0.212%
50	8.442	1036	1038	1043	rVB	162596	146731	9.50%	0.484%
51	8.489	1043	1046	1049	rBV3	73428	91549	5.93%	0.302%
52	8.525	1049	1052	1057	rVB3	347775	420270	27.21%	1.387%
53	8.572	1057	1060	1063	rBV3	155175	160126	10.37%	0.529%
54	8.607	1063	1066	1068	rVV	195454	169837	10.99%	0.561%
55	8.648	1071	1073	1076	rVB	519693	398761	25.81%	1.316%
56	8.678	1076	1078	1081	rBV4	94948	79929	5.17%	0.264%
57	8.748	1087	1090	1092	rBV	197551	173656	11.24%	0.573%
58	8.778	1092	1095	1097	rVV2	84371	104976	6.80%	0.347%
59	8.825	1097	1103	1107	rVV	1076416	1139228	73.75%	3.761%
60	8.872	1107	1111	1113	rVV4	98363	192048	12.43%	0.634%
61	8.907	1115	1117	1125	rVV3	181371	288631	18.69%	0.953%
62	9.019	1133	1136	1138	rBV4	70591	81714	5.29%	0.270%
63	9.066	1141	1144	1148	rBV3	168067	176866	11.45%	0.584%
64	9.101	1148	1150	1152	rVV2	153890	137016	8.87%	0.452%
65	9.148	1155	1158	1161	rVB3	171743	207570	13.44%	0.685%
66	9.184	1161	1164	1167	rBV	245329	232397	15.04%	0.767%
67	9.225	1169	1171	1173	rVV	122185	94178	6.10%	0.311%
68	9.254	1173	1176	1178	rVB	314841	253529	16.41%	0.837%
69	9.319	1184	1187	1191	rBV	863429	806817	52.23%	2.664%
70	9.389	1195	1199	1202	rVV	950498	849643	55.00%	2.805%
71	9.431	1203	1206	1208	rVV2	93391	118538	7.67%	0.391%

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Sampling : 1 Min Area: 3 % of largest Peak
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72	9.466	1210	1212	1216	rVV3	110736	118458	7.67%	0.391%
73	9.501	1216	1218	1222	rVB5	57835	58169	3.77%	0.192%
74	9.642	1237	1242	1244	rVV4	92088	135520	8.77%	0.447%
75	9.666	1244	1246	1248	rVV2	89958	87210	5.65%	0.288%
76	9.707	1249	1253	1261	rVB3	438329	610982	39.55%	2.017%
77	9.766	1261	1263	1267	rBV2	84783	65164	4.22%	0.215%
78	9.919	1285	1289	1293	rVB	554833	464366	30.06%	1.533%
79	10.007	1301	1304	1309	rVB2	1406053	1295179	83.85%	4.276%
80	10.148	1325	1328	1331	rBV4	36761	52687	3.41%	0.174%
81	10.236	1340	1343	1348	rVV3	72307	94826	6.14%	0.313%
82	10.319	1354	1357	1361	rBV5	40261	65681	4.25%	0.217%
83	10.419	1370	1374	1377	rBV	309630	254004	16.44%	0.839%
84	10.636	1407	1411	1414	rBV	111638	118121	7.65%	0.390%
85	10.801	1435	1439	1448	rBV	420120	530700	34.36%	1.752%
86	10.889	1451	1454	1463	rVB	193717	308050	19.94%	1.017%
87	11.342	1528	1531	1533	rBV	122065	100903	6.53%	0.333%
88	11.372	1533	1536	1544	rVB2	62123	81797	5.30%	0.270%
89	11.501	1554	1558	1571	rBV	1259044	1418548	91.83%	4.683%
90	11.766	1601	1603	1606	rVB	91466	73490	4.76%	0.243%
91	11.872	1618	1621	1626	rVB	113389	97572	6.32%	0.322%
92	12.177	1670	1673	1675	rBV	74426	58902	3.81%	0.194%
93	12.560	1735	1738	1740	rBV2	487910	456354	29.54%	1.507%
94	12.577	1740	1741	1748	rVB	413162	375842	24.33%	1.241%
95	12.666	1753	1756	1760	rBV	89196	86017	5.57%	0.284%
96	12.719	1762	1765	1769	rBV	57355	69730	4.51%	0.230%
97	12.948	1800	1804	1810	rBV2	59743	117768	7.62%	0.389%
98	13.083	1824	1827	1834	rBV	738330	706389	45.73%	2.332%
99	14.154	2005	2009	2018	rBV	1062585	1250169	80.93%	4.127%
100	15.689	2265	2270	2276	rBV	646549	915677	59.28%	3.023%

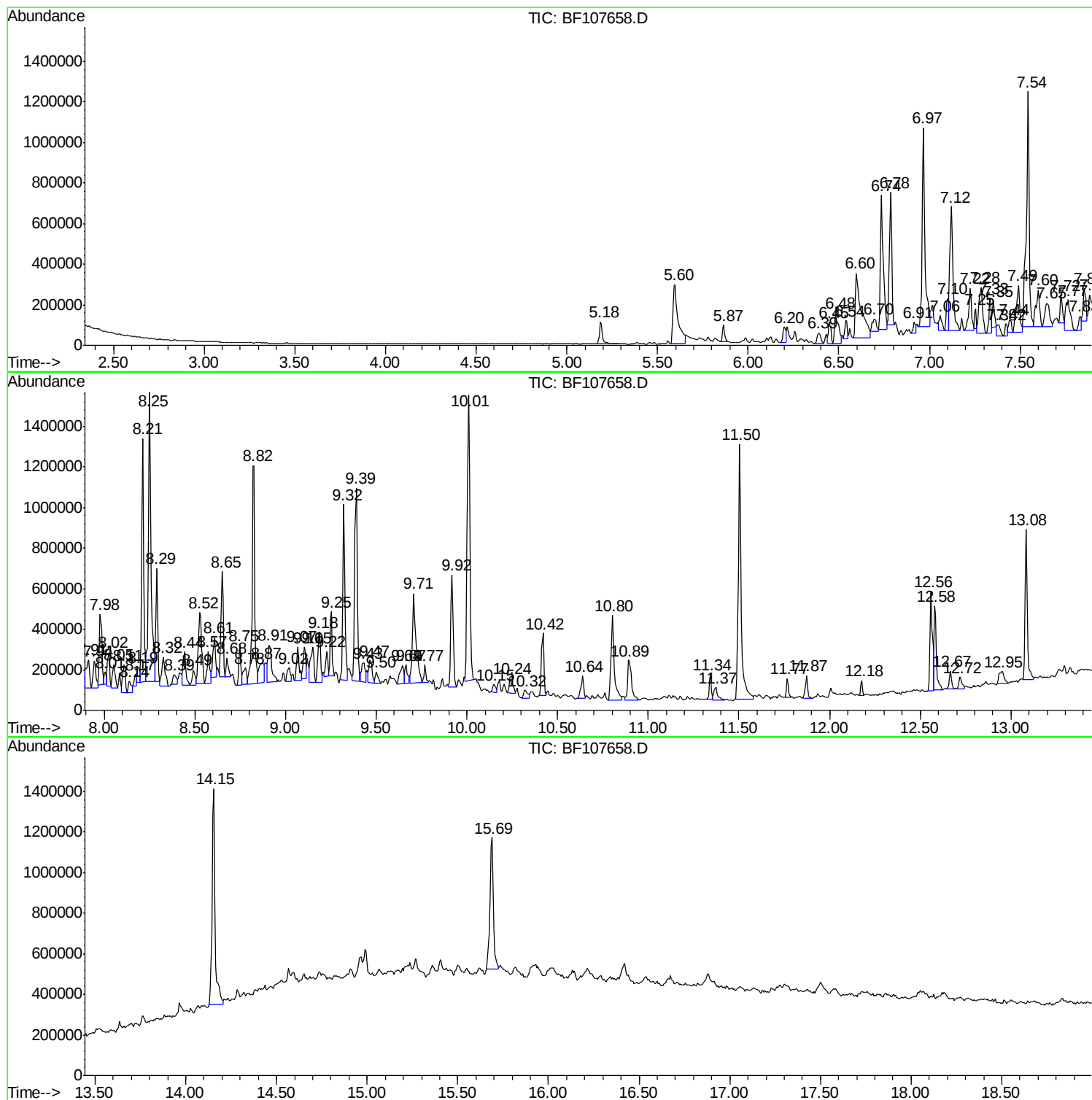
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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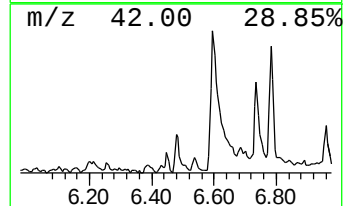
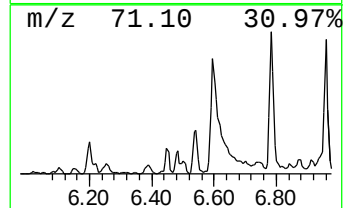
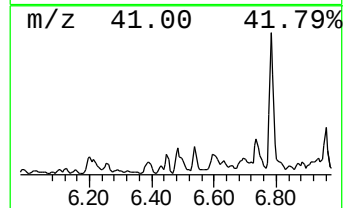
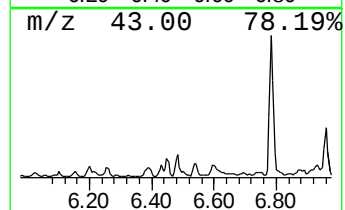
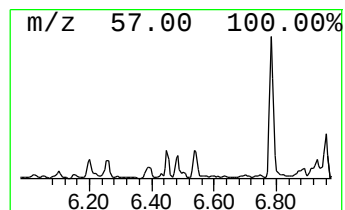
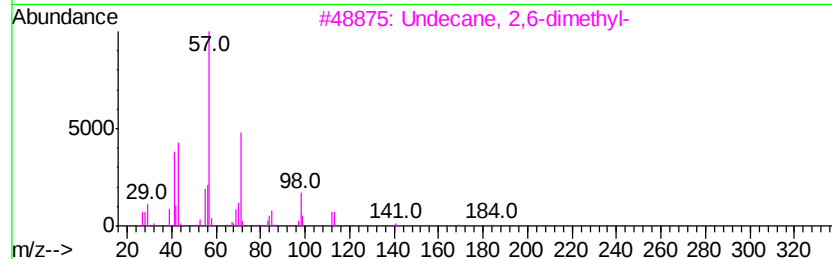
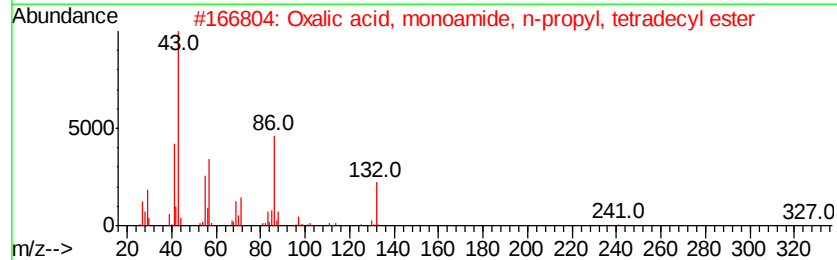
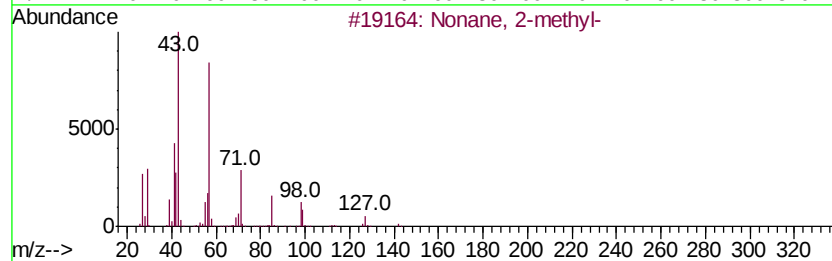
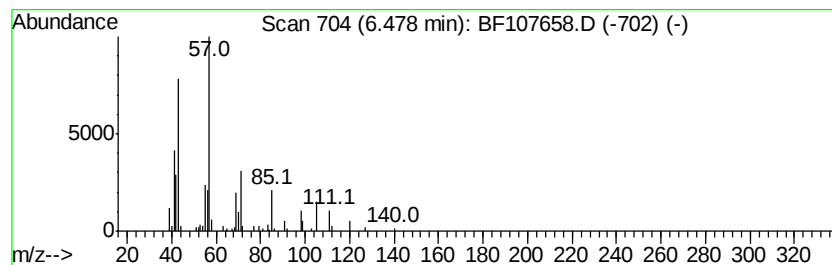
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	4.00 ng	224984	1,4-Dichlorobenzene-d4	6.97
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Nonane, 2-methyl-	142 C10H22	000871-83-0	59
2	Oxalic acid, monoamide, n-propyl...	327 C19H37NO3	1000309-65-3	50
3	Undecane, 2,6-dimethyl-	184 C13H28	017301-23-4	50
4	Tetradecane, 1-fluoro-	216 C14H29F	000593-33-9	47
5	2-Hexyl-1-octanol	214 C14H30O	019780-79-1	47



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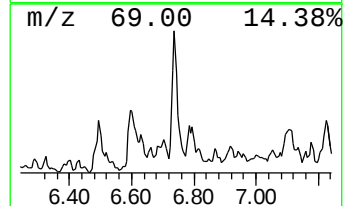
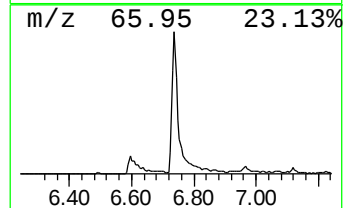
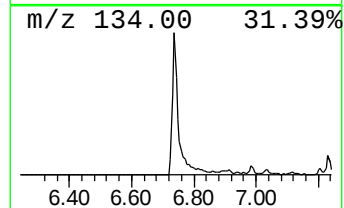
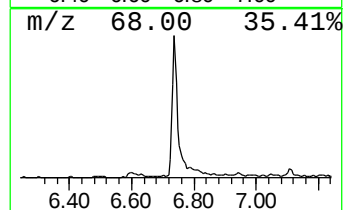
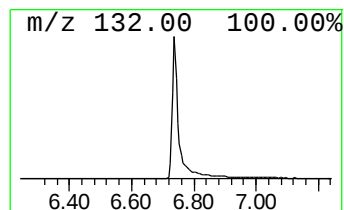
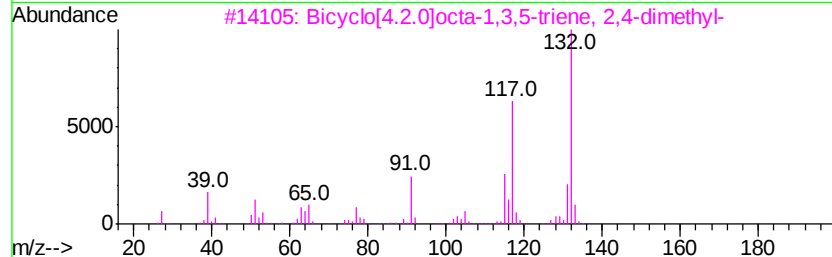
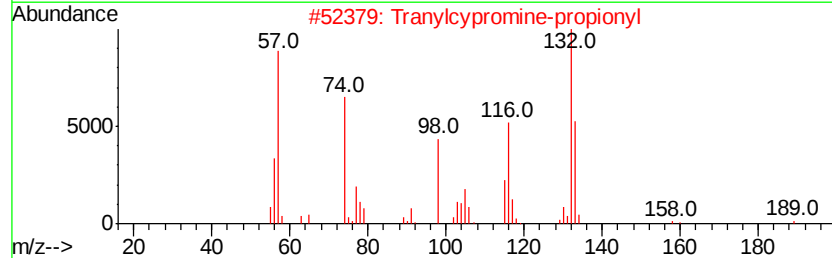
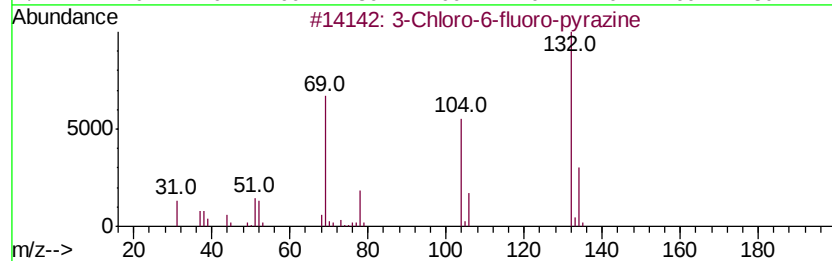
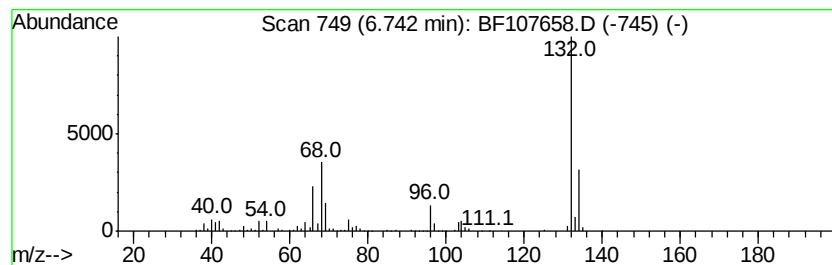
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.74 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	12.91 ng	725365	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
3		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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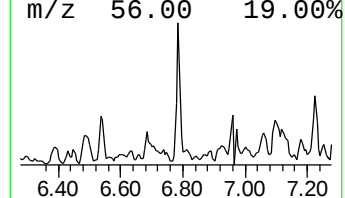
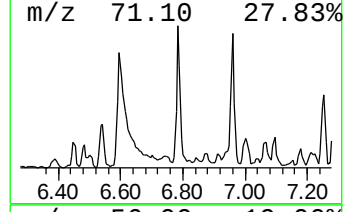
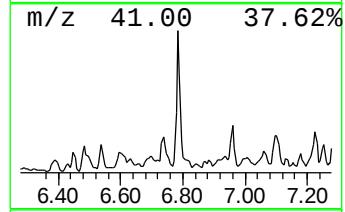
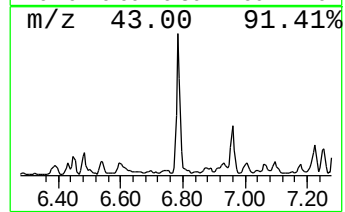
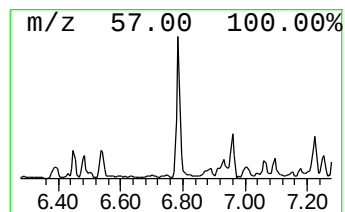
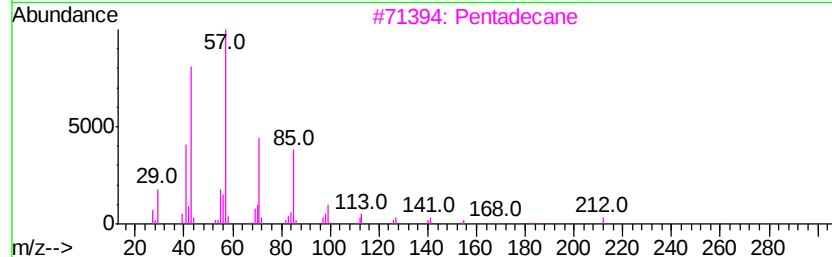
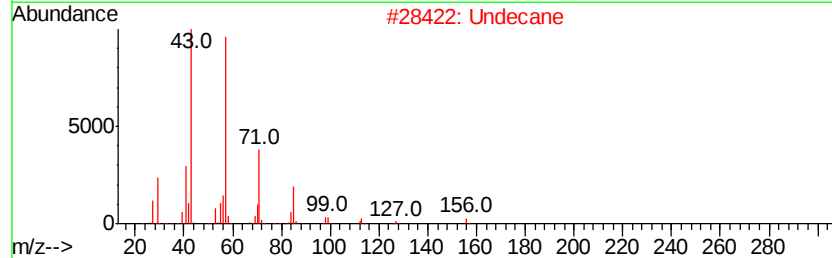
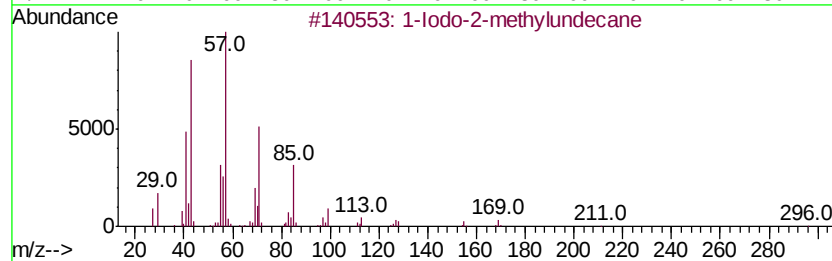
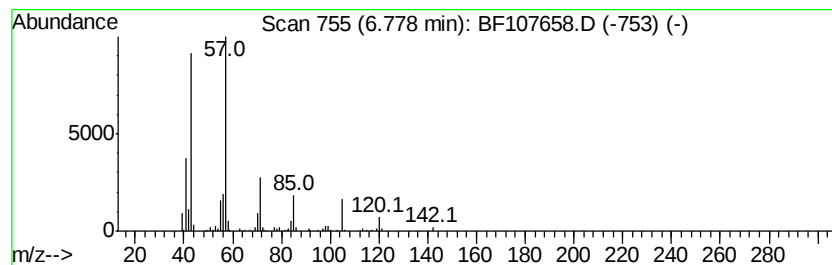
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1-Iodo-2-methylundecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	9.48 ng	532769	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	72
2		Undecane	156	C11H24	001120-21-4	72
3		Pentadecane	212	C15H32	000629-62-9	64
4		Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	64
5		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	53



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Data File : BF107658.D
Acq On : 25 Jul 2018 15:46
Operator : JU/SJ
Sample : J3821-11 5X
Misc :
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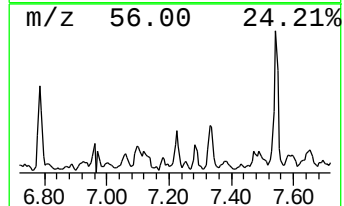
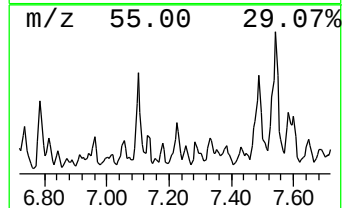
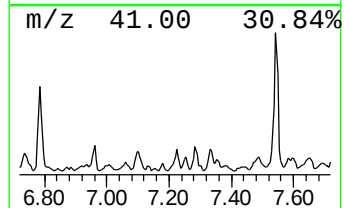
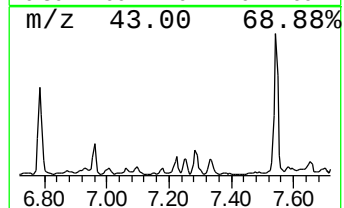
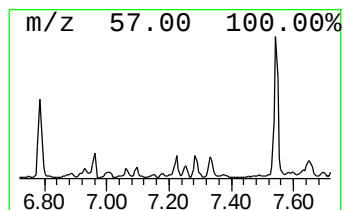
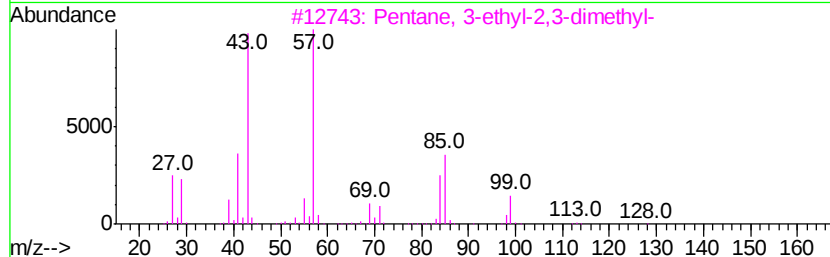
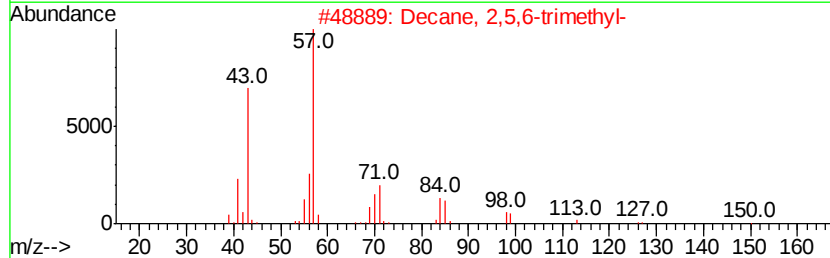
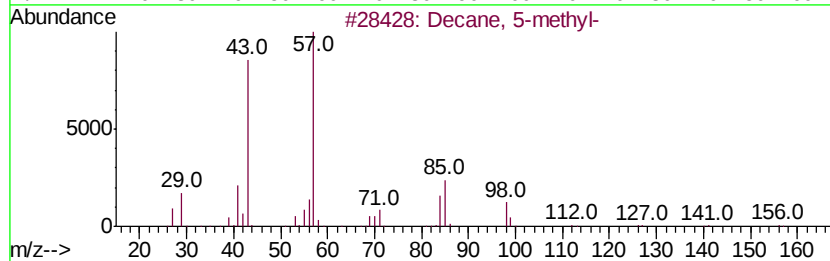
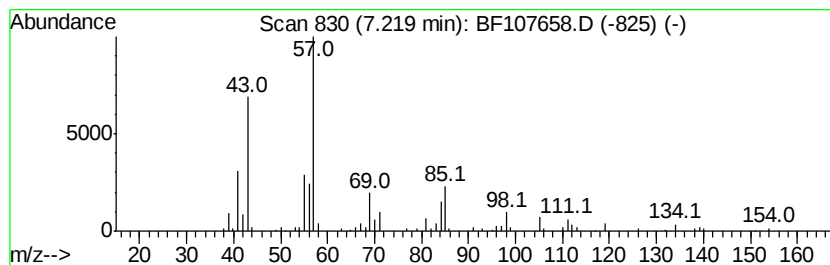
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Decane, 5-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	4.45 ng	250050	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 5-methyl-		156	C11H24	013151-35-4	50
2	Decane, 2,5,6-trimethyl-		184	C13H28	062108-23-0	47
3	Pentane, 3-ethyl-2,3-dimethyl-		128	C9H20	016747-33-4	38
4	Heptane, 4-ethyl-		128	C9H20	002216-32-2	38
5	1-Decanol, 2-hexyl-		242	C16H34O	002425-77-6	35



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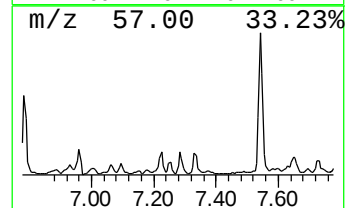
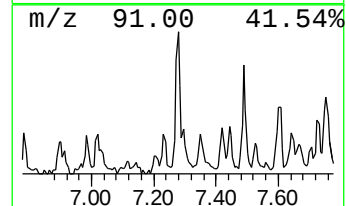
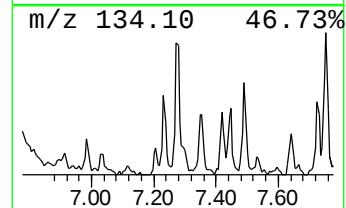
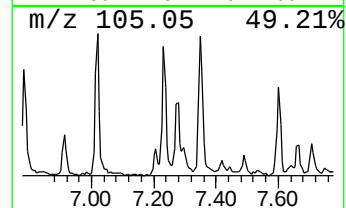
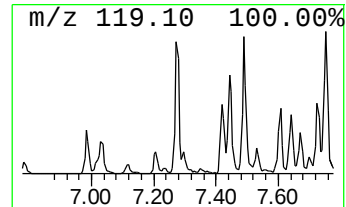
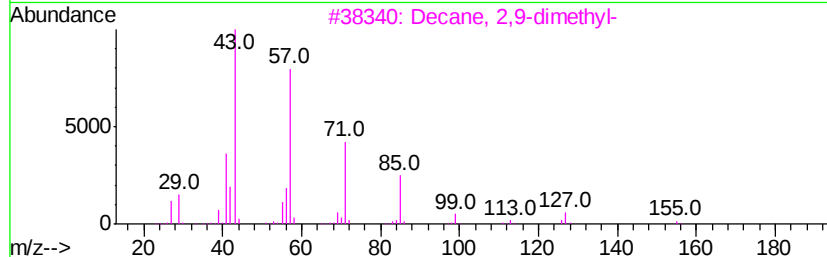
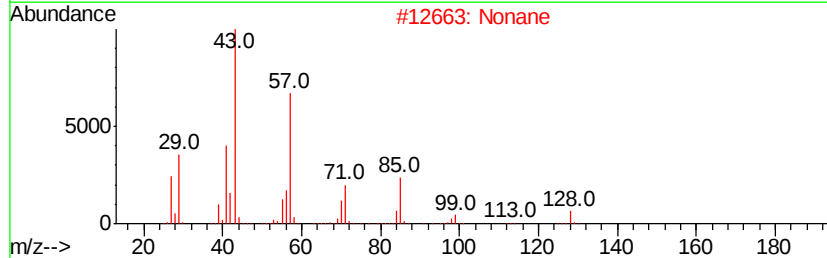
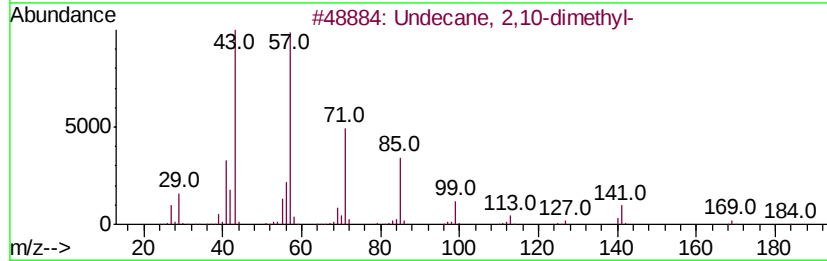
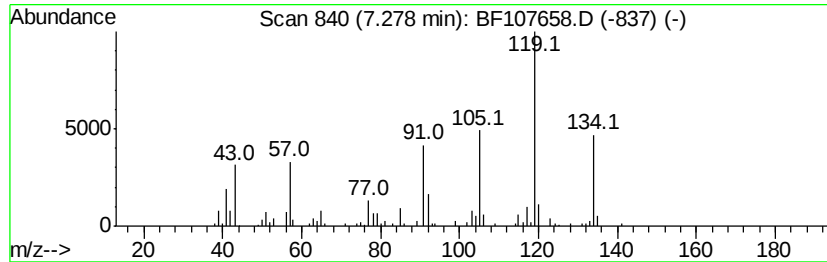
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Undecane, 2,10-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.28	5.42 ng	304754	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	50
2		Nonane	128	C9H20	000111-84-2	50
3		Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
4		1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	50
5		Decane, 2-methyl-	156	C11H24	006975-98-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107658.D
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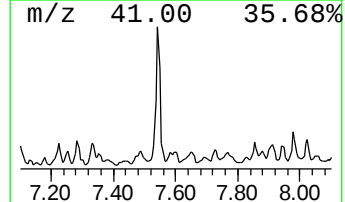
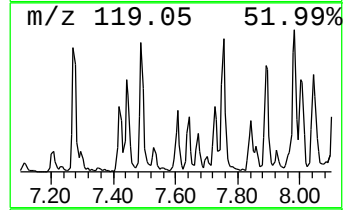
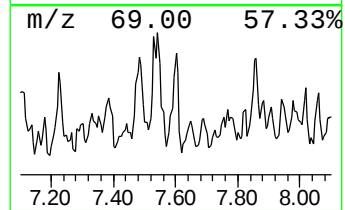
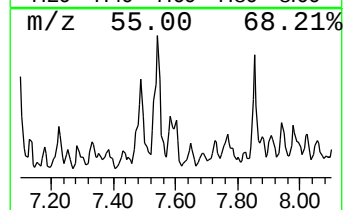
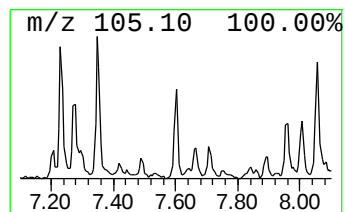
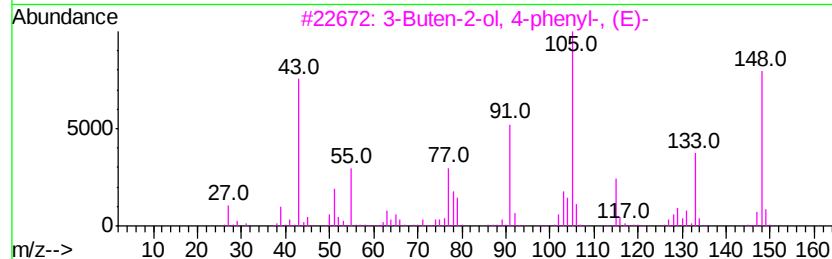
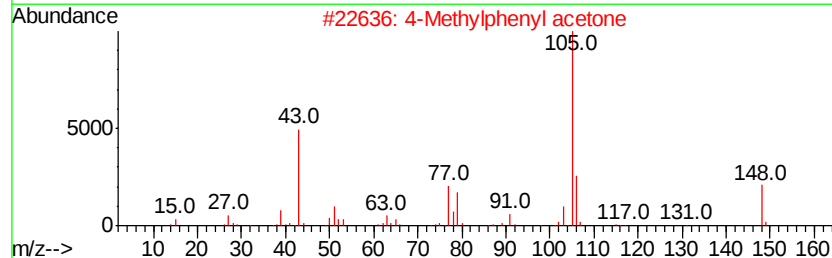
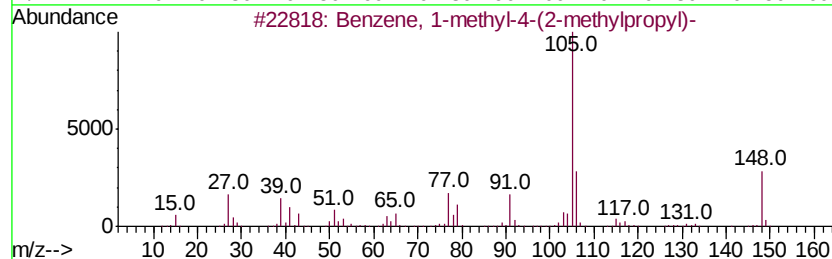
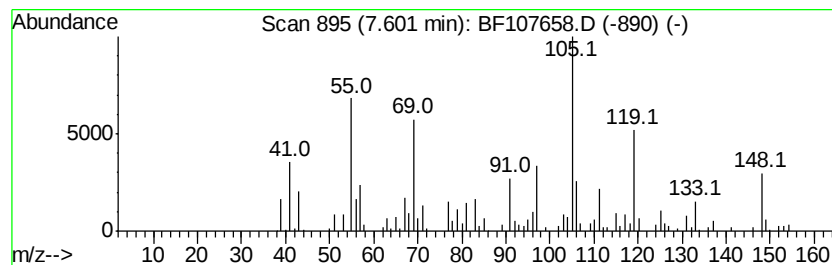
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 unknown7.60 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	4.55 ng	255912	1,4-Dichlorobenzene-d4	6.97

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	38
2		4-Methylphenyl acetone	148	C10H12O	002096-86-8	25
3		3-Buten-2-ol, 4-phenyl-, (E)-	148	C10H12O	1000163-70-9	25
4		Benzene, (2-methoxy-2-propenyl)-	148	C10H12O	026473-60-9	22
5		2-Butanone, 4-phenyl-	148	C10H12O	002550-26-7	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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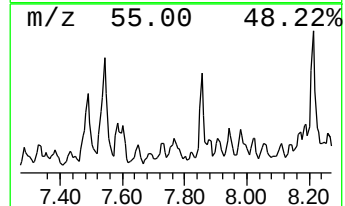
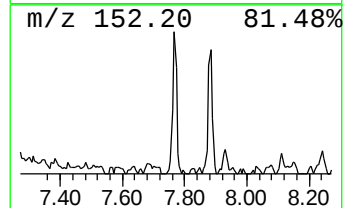
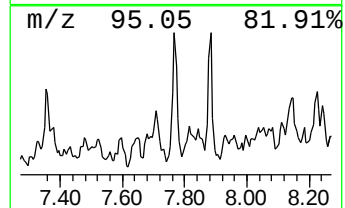
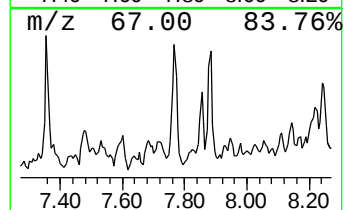
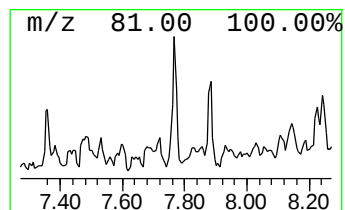
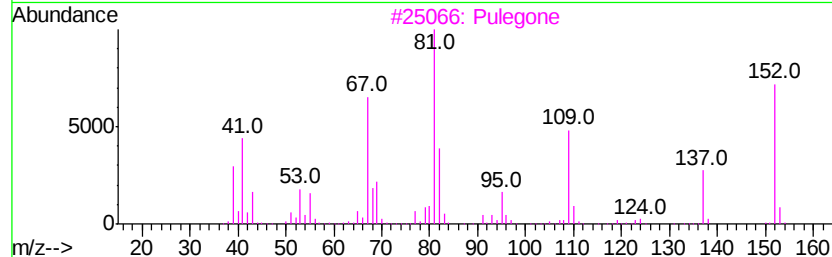
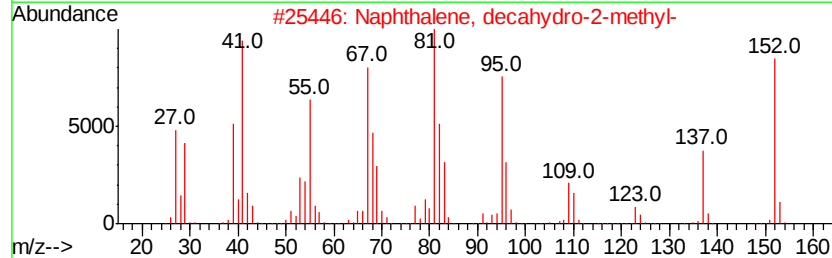
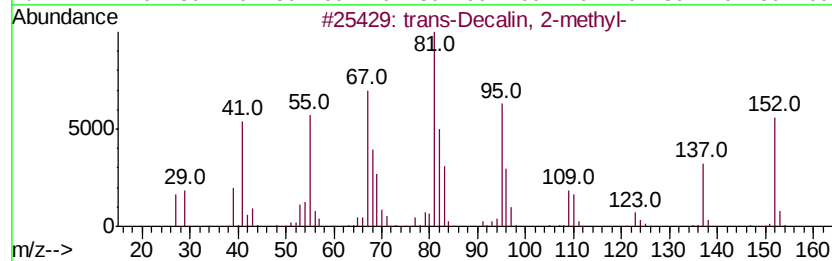
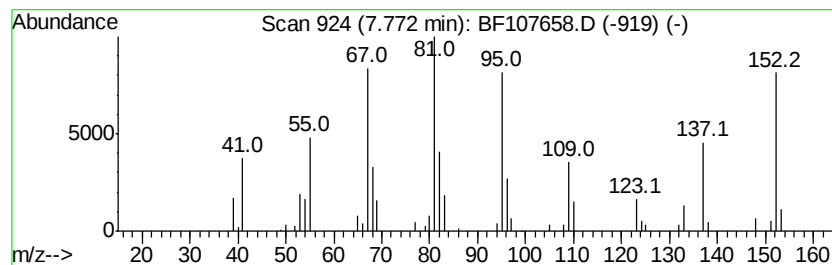
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 trans-Decalin, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
7.77	3.61 ng	278793	Naphthalene-d8	8.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Decalin, 2-methyl-	152	C11H20	1000152-47-3	83
2	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	78
3	Pulegone	152	C10H16O	000089-82-7	68
4	Bicyclo[4.1.0]heptan-2-one, 3,5,...	152	C10H16O	029750-24-1	64
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	64



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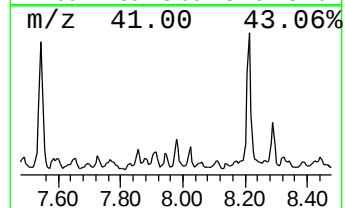
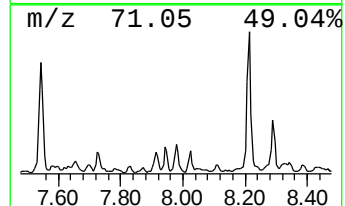
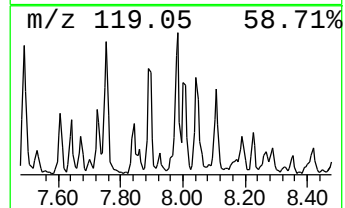
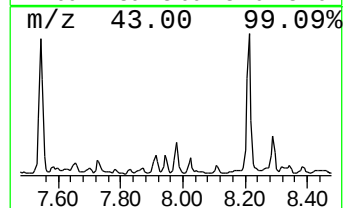
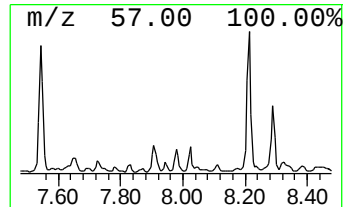
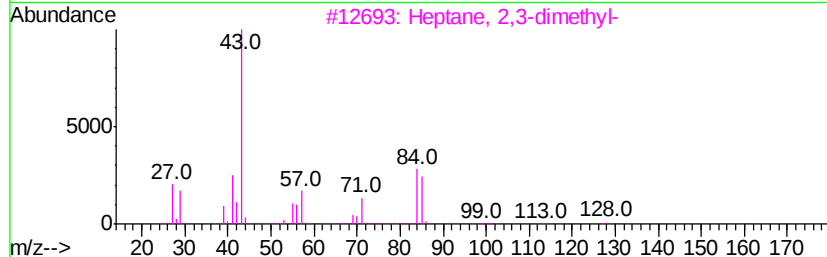
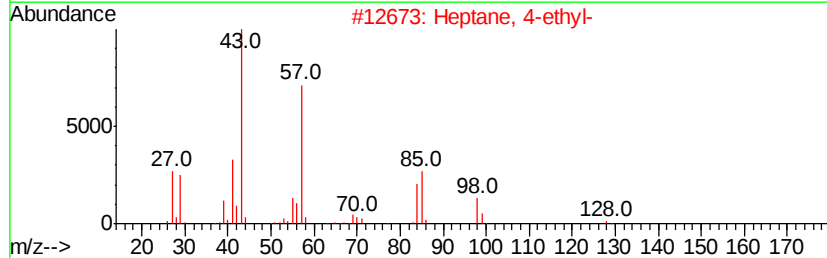
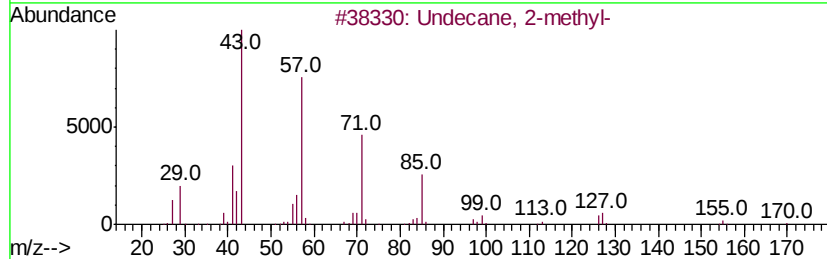
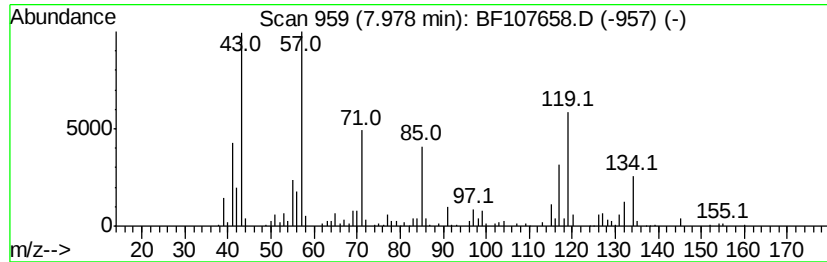
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 unknown7.98 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.98	3.80 ng	293758	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2-methyl-	170	C12H26	007045-71-8	35
2		Heptane, 4-ethyl-	128	C9H20	002216-32-2	25
3		Heptane, 2,3-dimethyl-	128	C9H20	003074-71-3	25
4		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	18
5		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	18



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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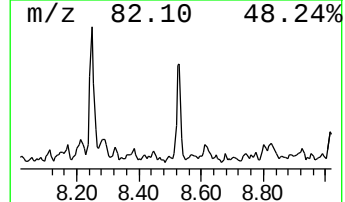
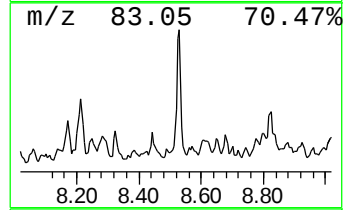
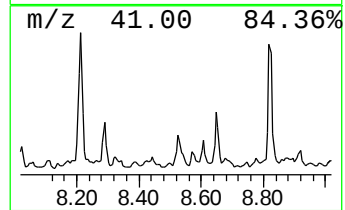
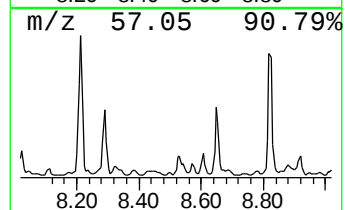
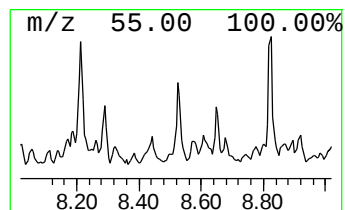
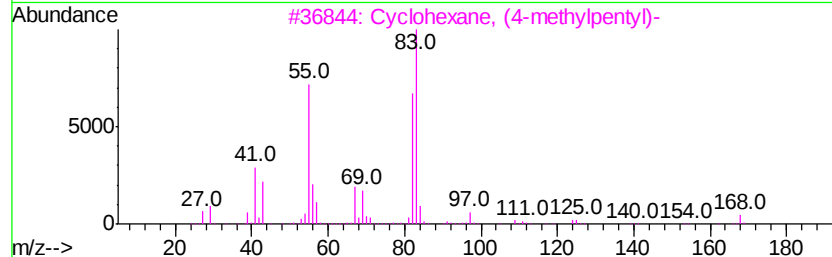
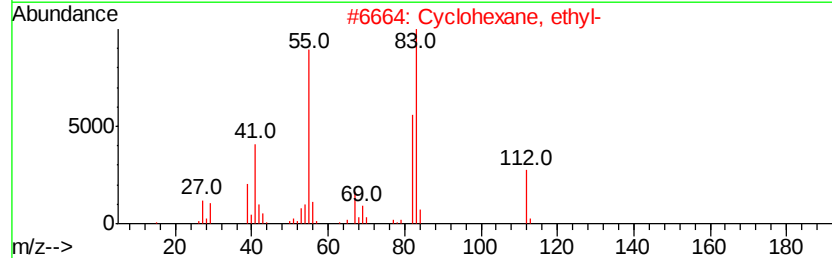
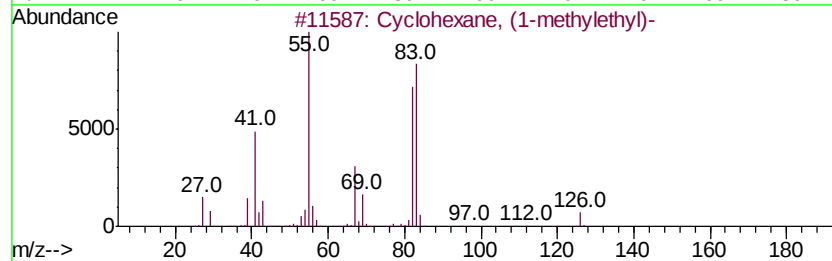
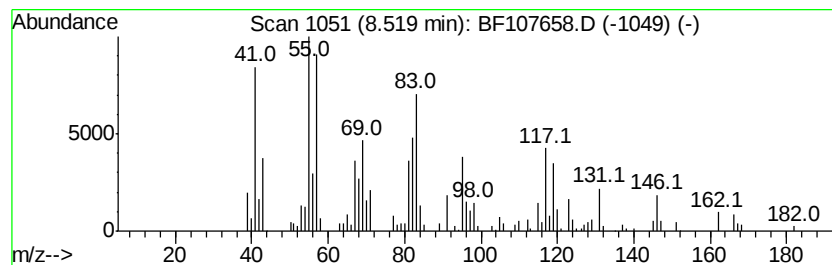
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 unknown8.52 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	5.44 ng	420270	Napthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43
2		Cyclohexane, ethyl-	112	C8H16	001678-91-7	43
3		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	43
4		Cyclopentanol, 2-methyl-, cis-	100	C6H12O	025144-05-2	35
5		1-Cyclohexylethanol, pentafluoro...	274	C11H15F5O2	1000365-50-1	27



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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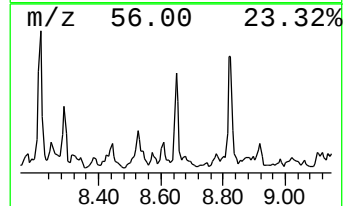
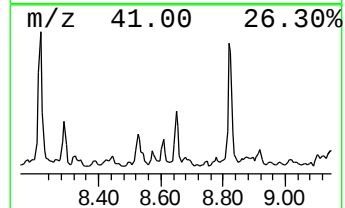
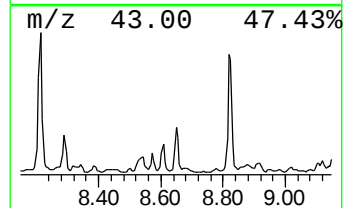
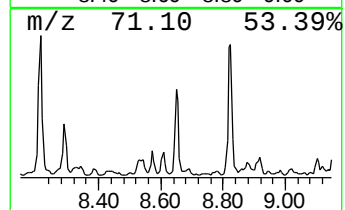
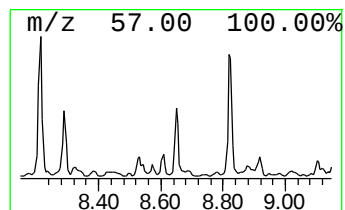
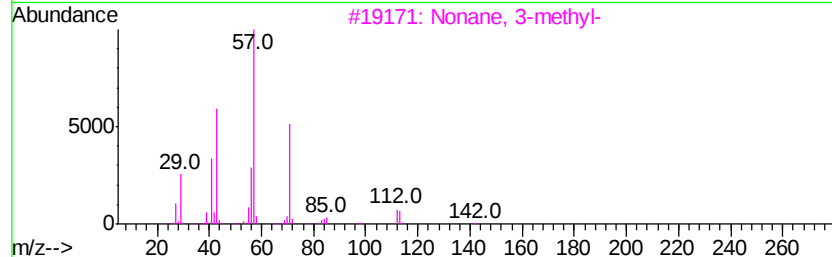
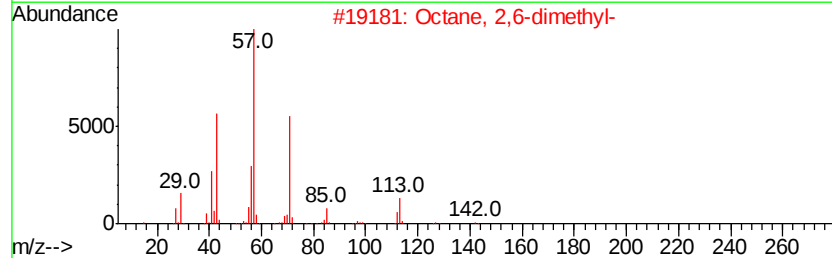
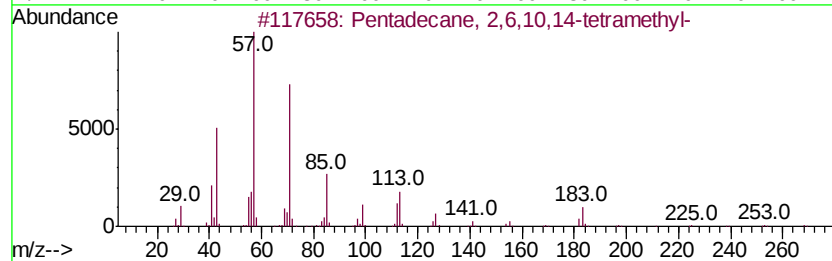
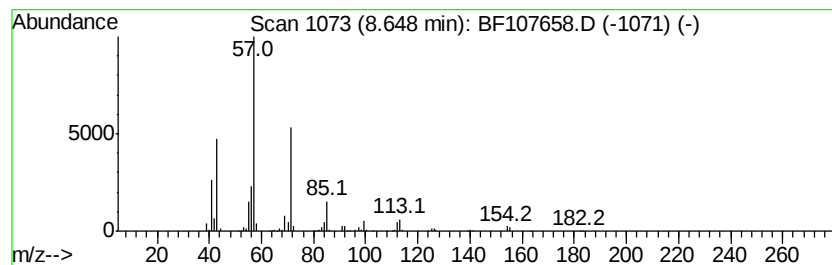
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ClientSampleId :
HR-06-072418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.65	5.16 ng	398761	Naphthalene-d8	8.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Pentadecane, 2,6,10,14-tetramethyl-	268 C19H40	001921-70-6 83
2		Octane, 2,6-dimethyl-	142 C10H22	002051-30-1 72
3		Nonane, 3-methyl-	142 C10H22	005911-04-6 72
4		Octane, 3,6-dimethyl-	142 C10H22	015869-94-0 64
5		Undecane, 4,6-dimethyl-	184 C13H28	017312-82-2 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107658.D
Acq On : 25 Jul 2018 15:46
Operator : JU/SJ
Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-06-072418-C

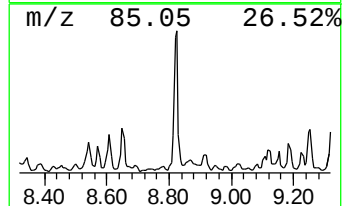
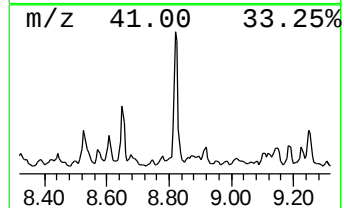
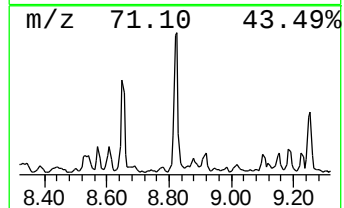
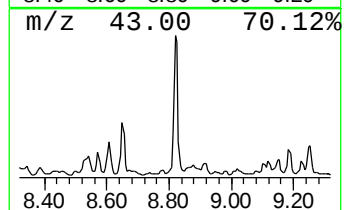
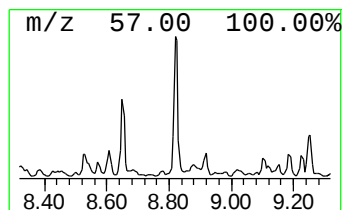
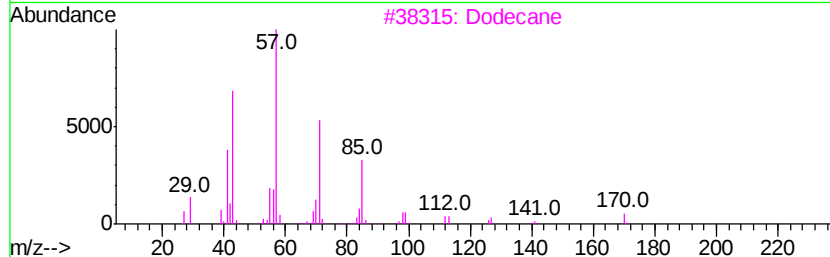
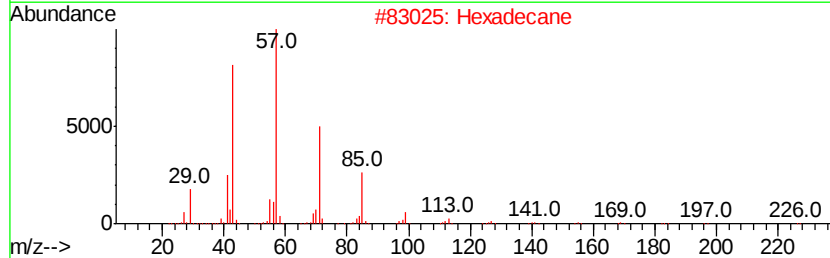
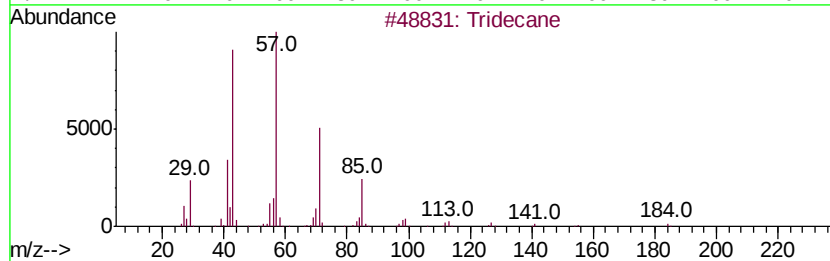
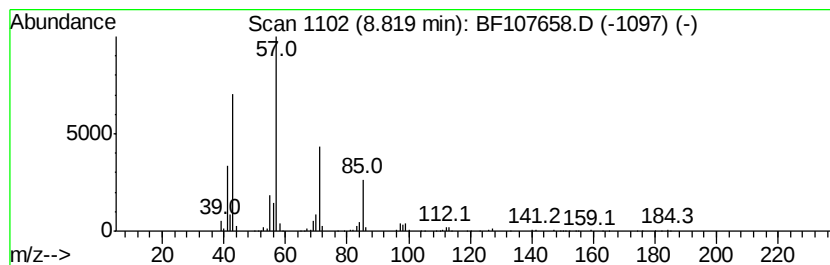
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Tridecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.82	14.75 ng	1139230	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	87
2		Hexadecane	226	C16H34	000544-76-3	86
3		Dodecane	170	C12H26	000112-40-3	86
4		Pentadecane	212	C15H32	000629-62-9	78
5		Tetradecane	198	C14H30	000629-59-4	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

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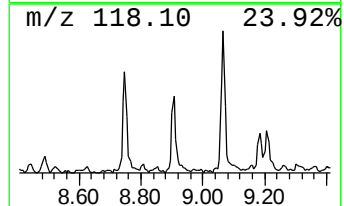
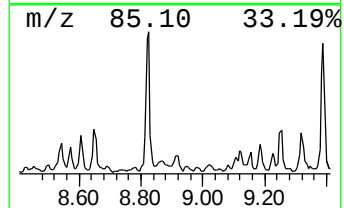
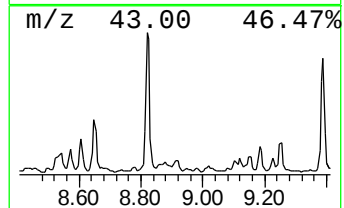
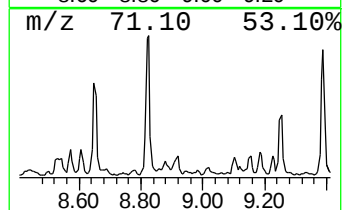
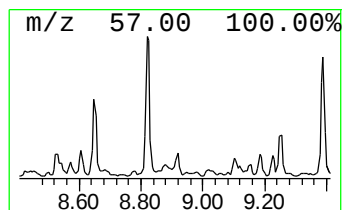
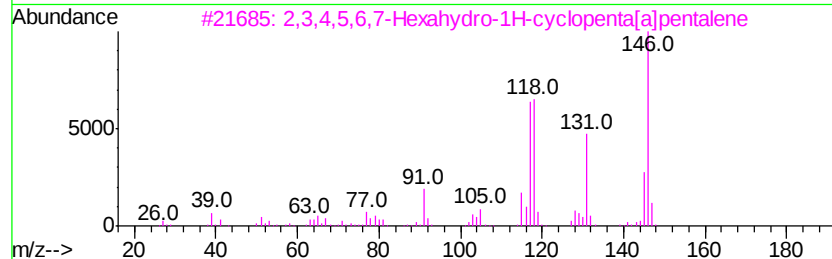
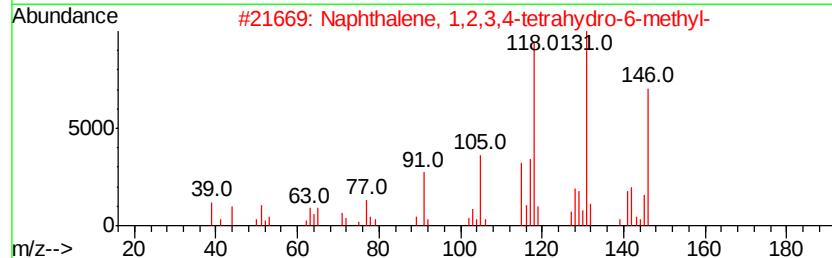
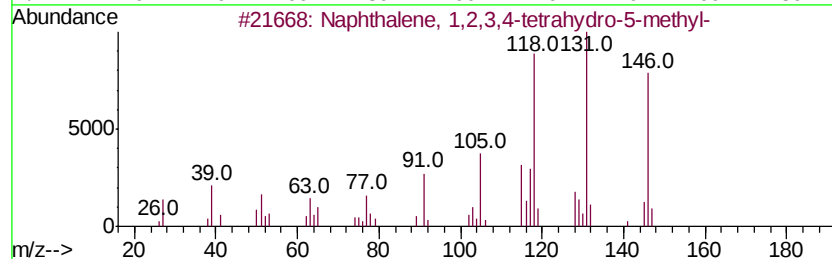
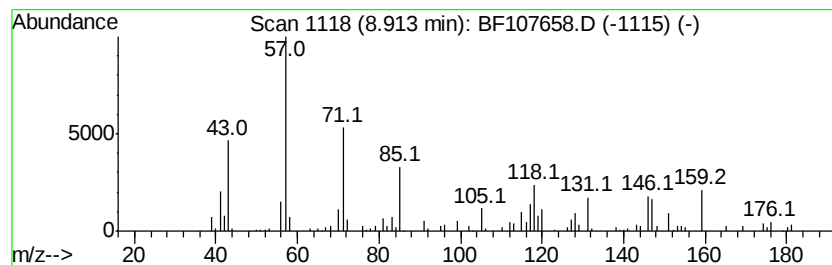
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetra... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.74 ng	288631	Naphthalene-d8	8.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	86
3		2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	58
4		1H-Indole-5-methanamine	146	C9H10N2	1000362-58-9	43
5		1(2H)-Naphthalenone, 3,4-dihydro...	174	C12H14O	005037-63-8	43



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ALS Vial : 11 Sample Multiplier: 1

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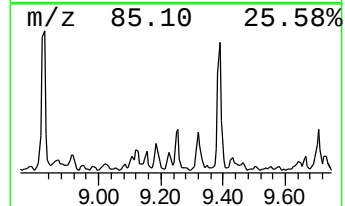
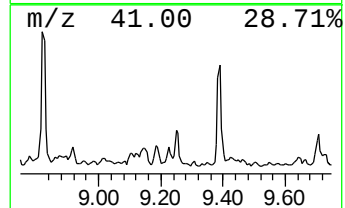
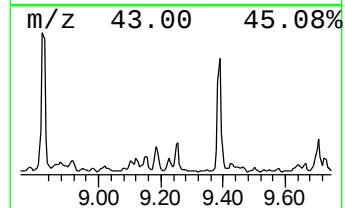
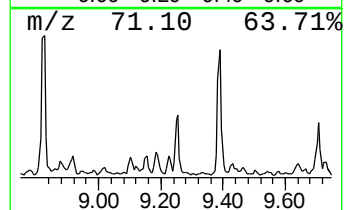
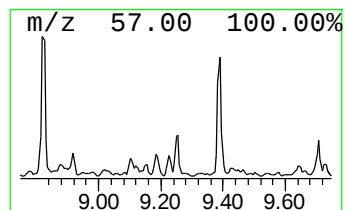
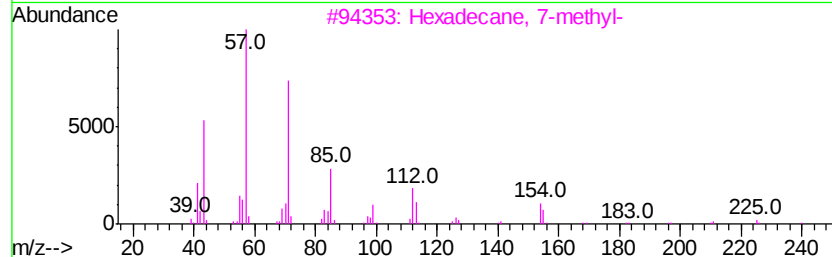
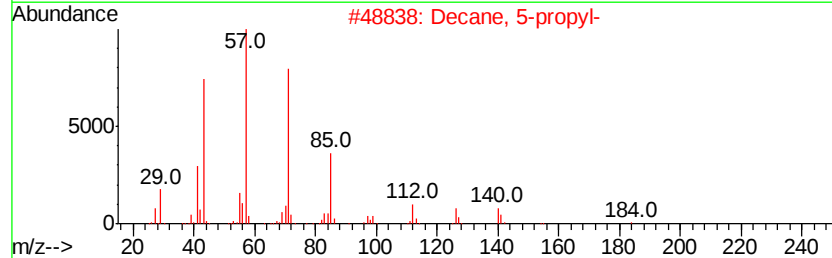
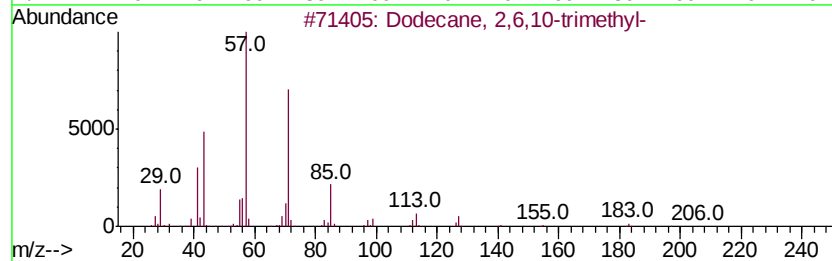
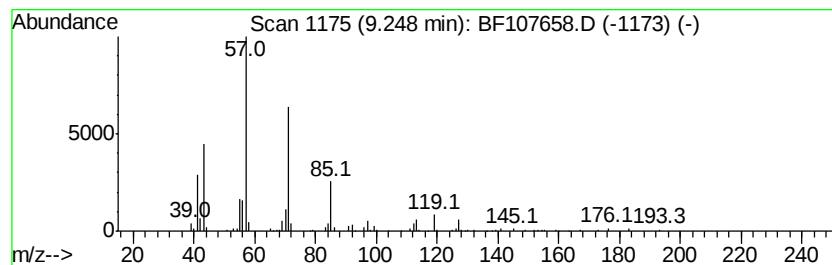
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane, 2,6,10-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.25	3.91 ng	253529	Acenaphthene-d10	10.01

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
2			Decane, 5-propyl-	184	C13H28	017312-62-8	59
3			Hexadecane, 7-methyl-	240	C17H36	026730-20-1	59
4			Bacchotricuneatin c	342	C20H22O5	066563-30-2	58
5			Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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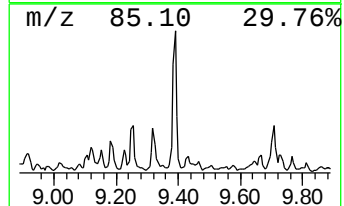
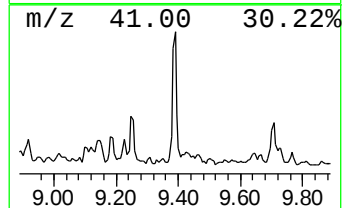
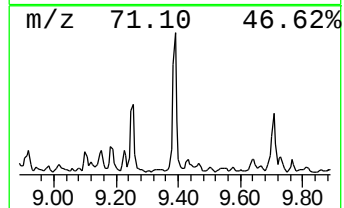
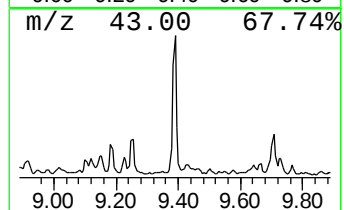
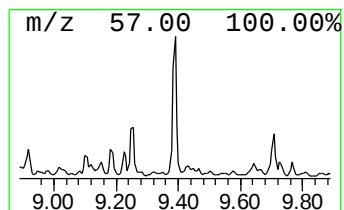
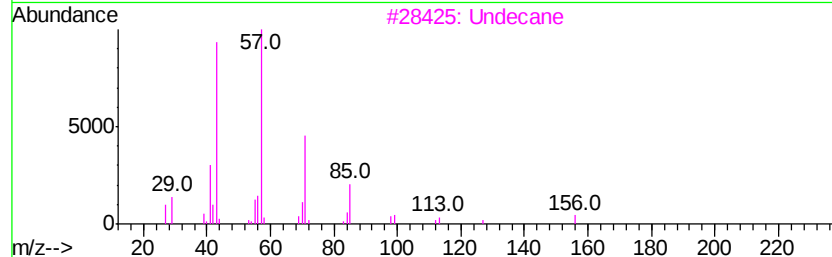
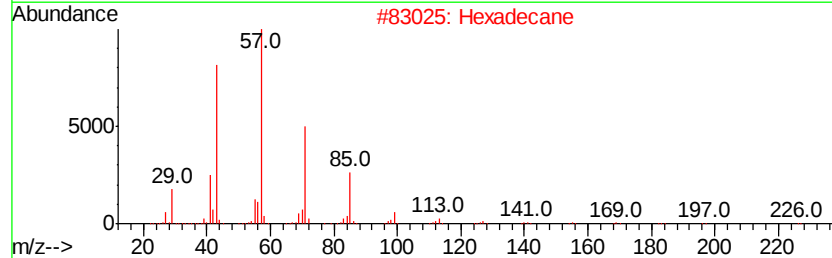
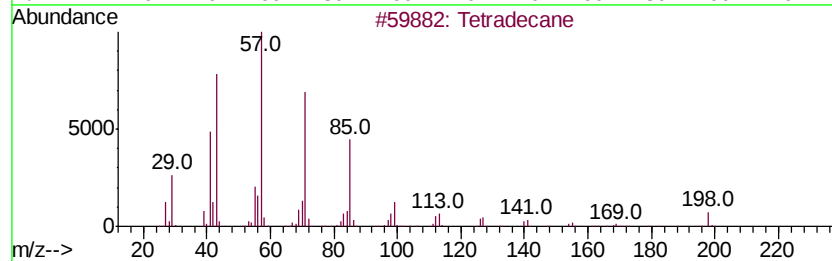
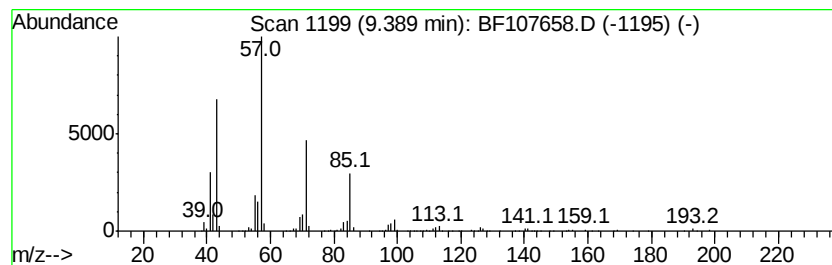
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Tetradecane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.39	13.12 ng	849643	Acenaphthene-d10	10.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane	156	C11H24	001120-21-4	80
4		Tridecane	184	C13H28	000629-50-5	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Sample : J3821-11 5X
Misc :
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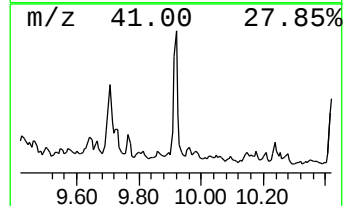
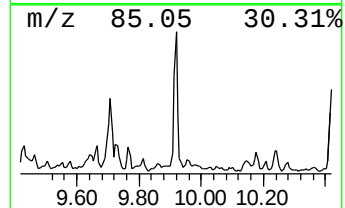
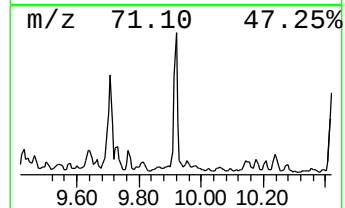
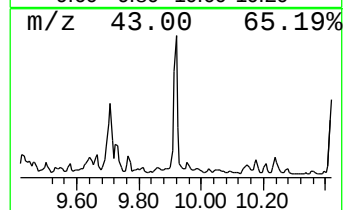
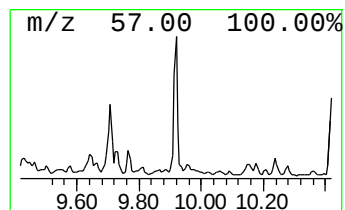
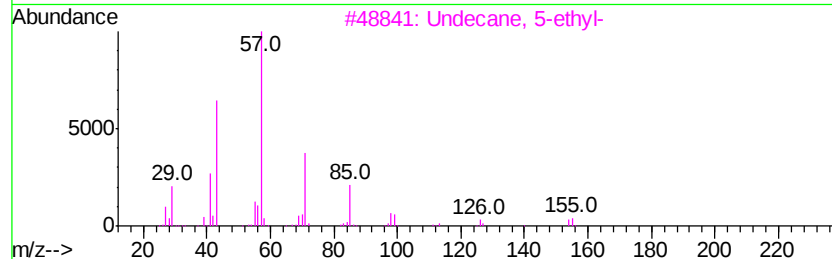
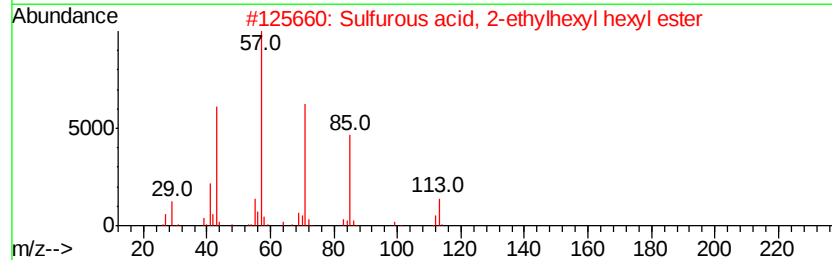
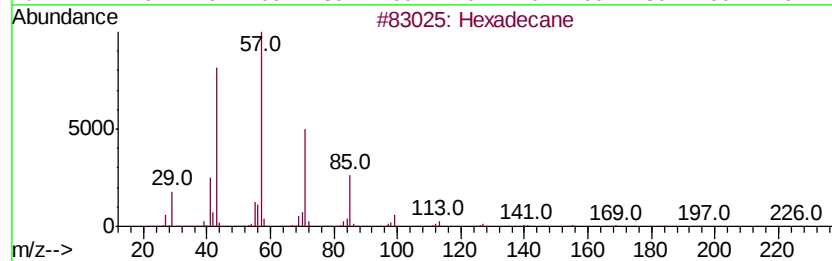
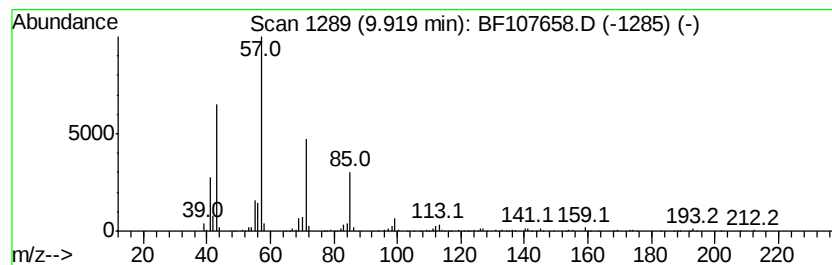
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.92	7.17 ng	464366	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80
3	Undecane, 5-ethyl-	184 C13H28	017453-94-0	78
4	Pentadecane	212 C15H32	000629-62-9	76
5	Tetradecane	198 C14H30	000629-59-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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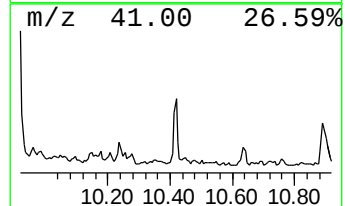
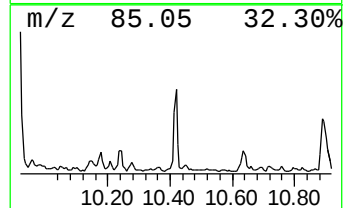
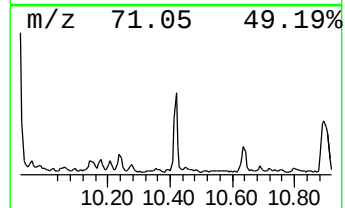
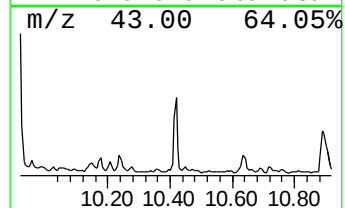
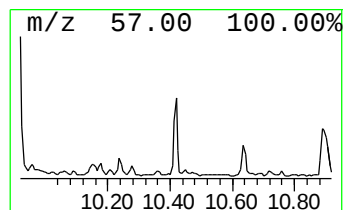
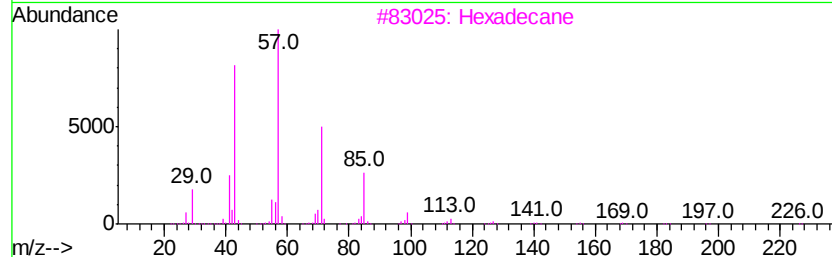
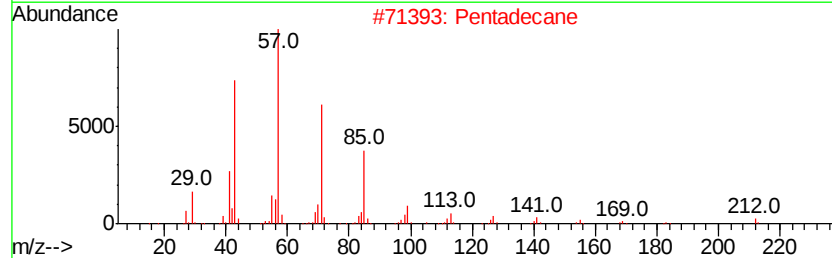
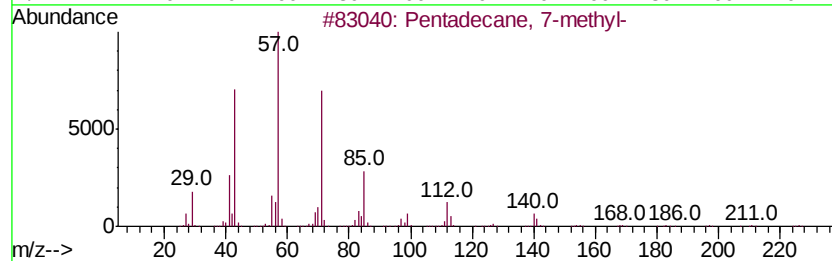
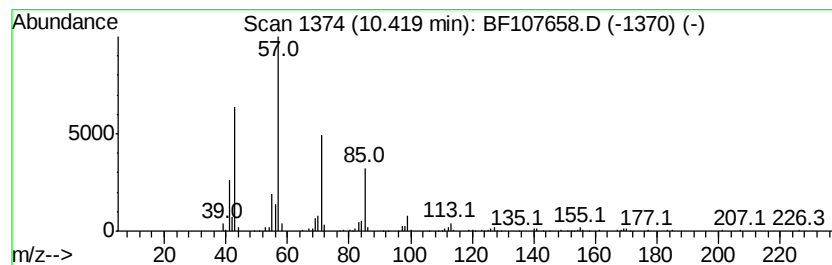
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Pentadecane, 7-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.42	3.92 ng	254004	Acenaphthene-d10	10.01
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane, 7-methyl-	226 C16H34	006165-40-8	90
2	Pentadecane	212 C15H32	000629-62-9	90
3	Hexadecane	226 C16H34	000544-76-3	87
4	Decane, 3,6-dimethyl-	170 C12H26	017312-53-7	87
5	Undecane, 5-methyl-	170 C12H26	001632-70-8	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

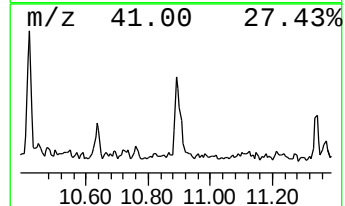
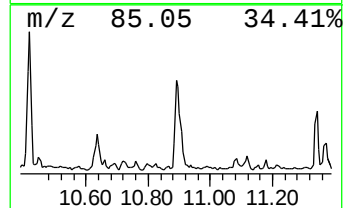
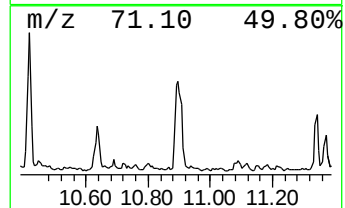
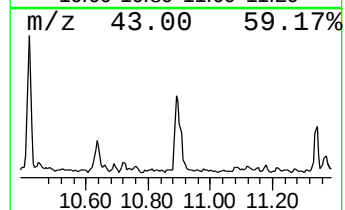
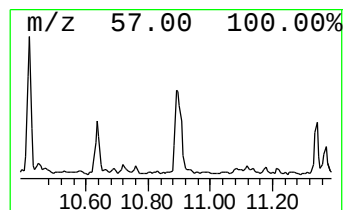
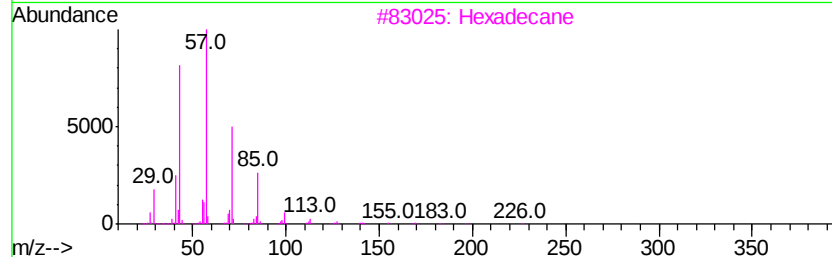
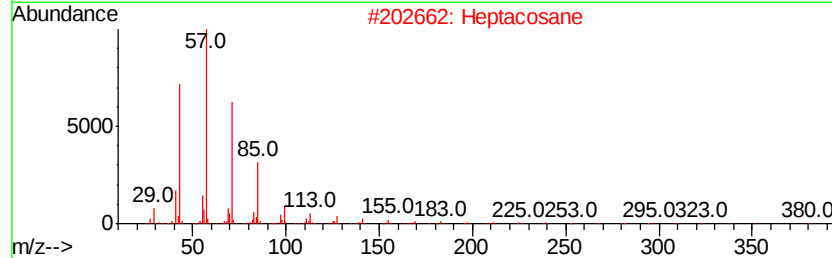
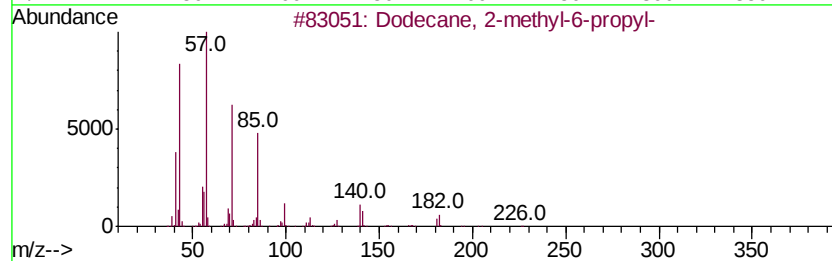
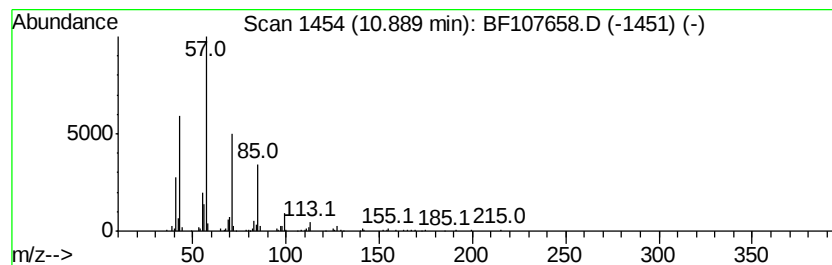
Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Dodecane, 2-methyl-6-propyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.89	4.34 ng	308050	Phenanthrene-d10		11.50	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80	
2	Heptacosane	380	C27H56	000593-49-7	80	
3	Hexadecane	226	C16H34	000544-76-3	80	
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72	
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
Data File : BF107658.D
Acq On : 25 Jul 2018 15:46
Operator : JU/SJ
Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

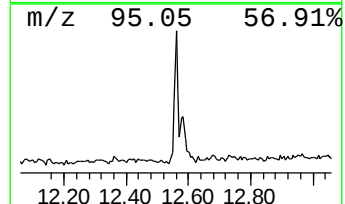
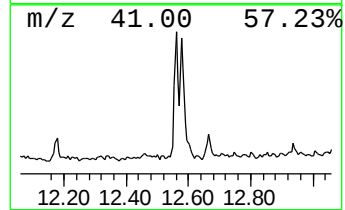
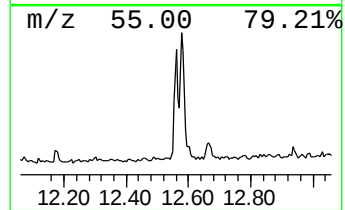
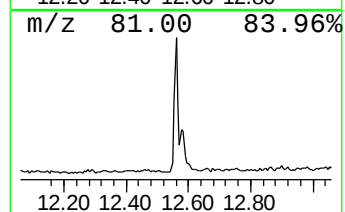
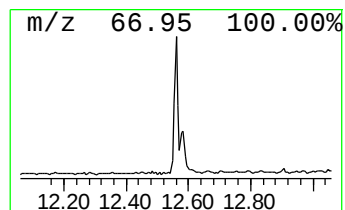
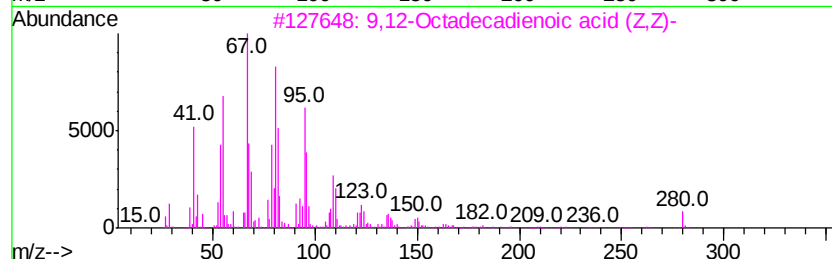
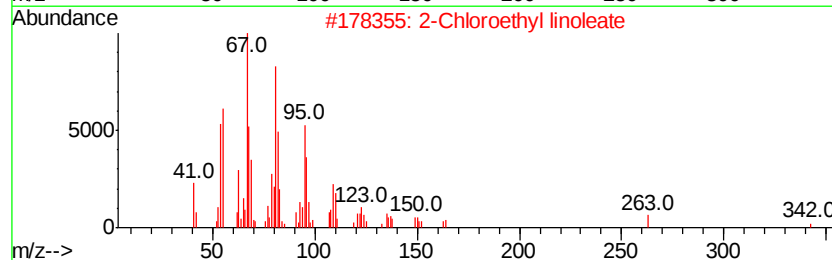
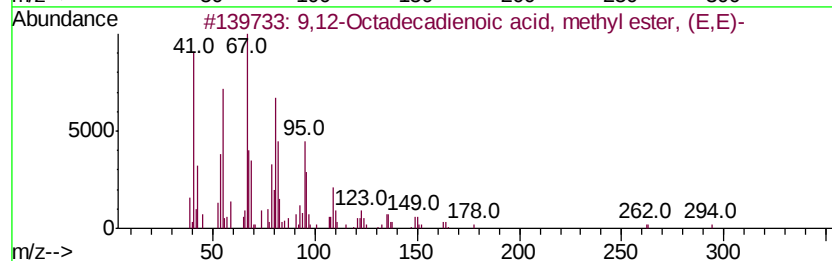
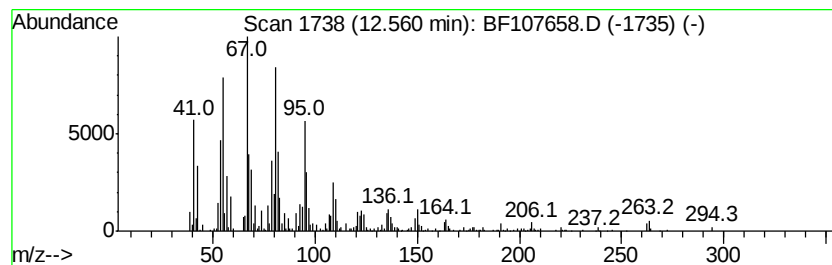
Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 9,12-Octadecadienoic acid, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.56	6.43 ng	456354	Phenanthrene-d10	11.50	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	95
3	9,12-Octadecadienoic acid (Z,Z)-	280	C18H32O2	000060-33-3	94
4	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	94
5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	94



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072518\
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Sample : J3821-11 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-06-072418-C

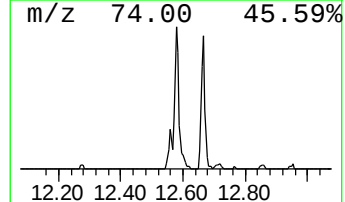
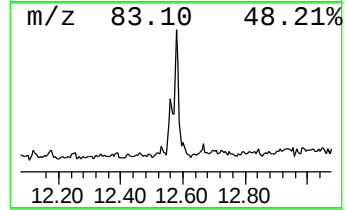
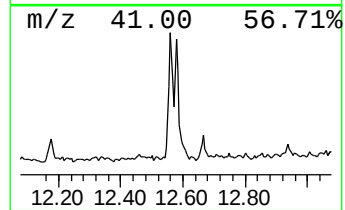
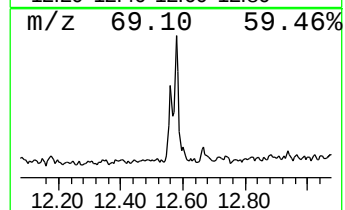
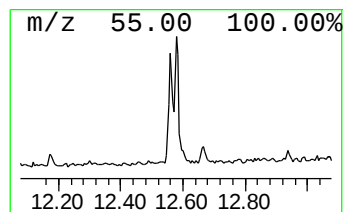
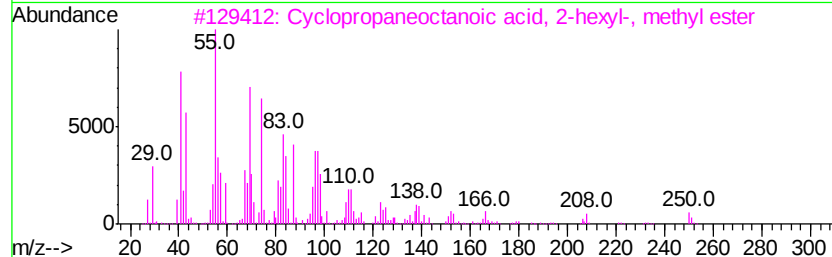
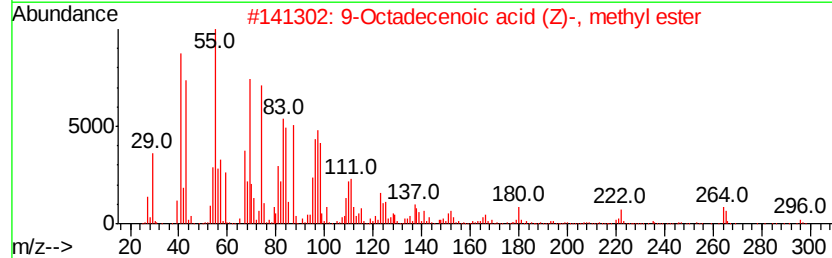
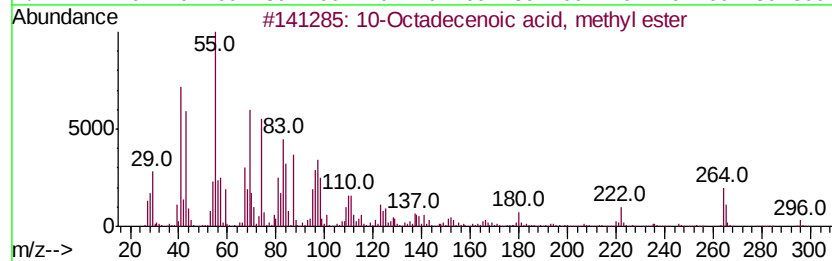
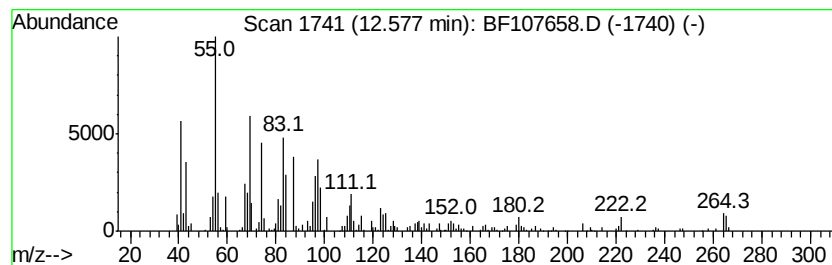
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 10-Octadecenoic acid, methy... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	5.30 ng	375842	Phenanthrene-d10	11.50

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	91
2			9-Octadecenoic acid (Z)-, methyl...	296	C19H36O2	000112-62-9	87
3			Cyclopropaneoctanoic acid, 2-hex...	282	C18H34O2	010152-61-1	86
4			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	83
5			trans-13-Octadecenoic acid, meth...	296	C19H36O2	1000333-61-3	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072518\
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 Sample : J3821-11 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-06-072418-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.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
Nonane, 2-methyl-	6.48	4.0	ng	224984	1	6.97	1123970	20.0
unknown6.74	6.74	12.9	ng	725365	1	6.97	1123970	20.0
1-Iodo-2-methylun...	6.78	9.5	ng	532769	1	6.97	1123970	20.0
Decane, 5-methyl-	7.22	4.5	ng	250050	1	6.97	1123970	20.0
Undecane, 2,10-di...	7.28	5.4	ng	304754	1	6.97	1123970	20.0
unknown7.60	7.60	4.5	ng	255912	1	6.97	1123970	20.0
trans-Decalin, 2-...	7.77	3.6	ng	278793	2	8.25	1544700	20.0
unknown7.98	7.98	3.8	ng	293758	2	8.25	1544700	20.0
unknown8.52	8.52	5.4	ng	420270	2	8.25	1544700	20.0
Pentadecane, 2,6,...	8.65	5.2	ng	398761	2	8.25	1544700	20.0
Tridecane	8.82	14.8	ng	1139230	2	8.25	1544700	20.0
Naphthalene, 1,2,...	8.91	3.7	ng	288631	2	8.25	1544700	20.0
Dodecane, 2,6,10-...	9.25	3.9	ng	253529	3	10.01	1295180	20.0
Tetradecane	9.39	13.1	ng	849643	3	10.01	1295180	20.0
Hexadecane	9.92	7.2	ng	464366	3	10.01	1295180	20.0
Pentadecane, 7-me...	10.42	3.9	ng	254004	3	10.01	1295180	20.0
Dodecane, 2-methy...	10.89	4.3	ng	308050	4	11.50	1418550	20.0
9,12-Octadecadien...	12.56	6.4	ng	456354	4	11.50	1418550	20.0
10-Octadecenoic a...	12.58	5.3	ng	375842	4	11.50	1418550	20.0