

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031618\
 Data File : BF103710.D
 Acq On : 16 Mar 2018 21:33
 Operator : JU/SJ
 Sample : J1750-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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	5.581	589	594	598	rVB	1948718	1756293	31.66%	1.448%
2	6.210	697	701	703	rBV	294160	345231	6.22%	0.285%
3	6.404	730	734	737	rBV4	213723	340898	6.15%	0.281%
4	6.463	742	744	747	rVB	475219	340272	6.13%	0.281%
5	6.492	747	749	753	rBV2	908369	1067429	19.24%	0.880%
6	6.551	757	759	761	rBV	470456	420599	7.58%	0.347%
7	6.581	761	764	768	rVB	1963112	1931628	34.82%	1.593%
8	6.651	773	776	781	rBV2	377528	473652	8.54%	0.391%
9	6.710	781	786	787	rBV2	326131	427158	7.70%	0.352%
10	6.734	787	790	797	rVB	2057200	2158154	38.90%	1.780%
11	6.798	797	801	805	rBV2	3529594	3468915	62.53%	2.860%
12	6.975	827	831	833	rVB2	1980075	1795071	32.36%	1.480%
13	7.028	836	840	842	rVB2	720962	597144	10.76%	0.492%
14	7.075	845	848	851	rVB2	382984	370856	6.69%	0.306%
15	7.128	851	857	859	rBV3	1683301	2206368	39.77%	1.819%
16	7.239	873	876	878	rVB	1701083	1384498	24.96%	1.142%
17	7.263	878	880	882	rBV	690750	545526	9.83%	0.450%
18	7.286	882	884	885	rBV	946098	786992	14.19%	0.649%
19	7.345	890	894	896	rBV	1300534	1381032	24.90%	1.139%
20	7.392	900	902	906	rVB4	326102	408722	7.37%	0.337%
21	7.434	906	909	910	rBV	577276	526587	9.49%	0.434%
22	7.457	910	913	915	rVB	702247	636428	11.47%	0.525%
23	7.498	915	920	923	rBV	1518175	1972337	35.55%	1.626%
24	7.528	923	925	927	rBV	982469	993920	17.92%	0.820%
25	7.563	927	931	934	rVB	5100704	5547388	100.00%	4.574%
26	7.616	934	940	942	rBV4	1322029	1896702	34.19%	1.564%
27	7.669	942	949	953	rBV5	857481	1822935	32.86%	1.503%
28	7.716	953	957	959	rBV4	296802	423212	7.63%	0.349%
29	7.739	959	961	963	rBV	1089126	775537	13.98%	0.639%
30	7.763	963	965	967	rBV	933696	755347	13.62%	0.623%
31	7.781	967	968	973	rVB3	896586	761080	13.72%	0.628%
32	7.845	975	979	981	rBV3	635867	911675	16.43%	0.752%
33	7.869	981	983	985	rVB	1166516	821532	14.81%	0.677%
34	7.898	985	988	990	rBV2	969163	999225	18.01%	0.824%

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Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.922	990	992	996	rVB2	1441136	1665532	30.02%	1.373%
36	7.957	996	998	1001	rBV3	1317917	1386723	25.00%	1.143%
37	7.992	1001	1004	1006	rBV2	2835359	2504208	45.14%	2.065%
38	8.016	1006	1008	1010	rVB	625972	388553	7.00%	0.320%
39	8.039	1010	1012	1014	rBV	1098965	757871	13.66%	0.625%
40	8.069	1014	1017	1019	rVB4	733951	766155	13.81%	0.632%
41	8.092	1019	1021	1023	rVB	1060684	757209	13.65%	0.624%
42	8.122	1023	1026	1029	rVB2	847430	820255	14.79%	0.676%
43	8.151	1029	1031	1034	rBV2	476800	577693	10.41%	0.476%
44	8.233	1040	1045	1047	rBV	4607896	5024733	90.58%	4.143%
45	8.257	1047	1049	1051	rVB2	1142235	761174	13.72%	0.628%
46	8.275	1051	1052	1054	rVB	644901	349327	6.30%	0.288%
47	8.304	1054	1057	1060	rVB2	3305966	3135674	56.53%	2.586%
48	8.339	1060	1063	1068	rBV4	1209794	1673867	30.17%	1.380%
49	8.404	1070	1074	1076	rBV4	583726	714528	12.88%	0.589%
50	8.451	1079	1082	1088	rVB3	1109782	1213170	21.87%	1.000%
51	8.498	1088	1090	1094	rBV3	554147	628076	11.32%	0.518%
52	8.539	1094	1097	1102	rVB4	2263121	2768943	49.91%	2.283%
53	8.586	1102	1105	1109	rBV3	987233	1314422	23.69%	1.084%
54	8.622	1109	1111	1115	rVB3	1468538	1486952	26.80%	1.226%
55	8.663	1115	1118	1121	rBV	2565732	2370211	42.73%	1.954%
56	8.692	1121	1123	1126	rBV3	689885	516198	9.31%	0.426%
57	8.716	1126	1127	1131	rVB2	612563	476101	8.58%	0.393%
58	8.757	1131	1134	1136	rBV	2135620	1703287	30.70%	1.404%
59	8.792	1136	1140	1142	rBV4	550187	473402	8.53%	0.390%
60	8.839	1144	1148	1152	rVB	4397953	4887355	88.10%	4.030%
61	8.880	1152	1155	1157	rBV3	421619	652818	11.77%	0.538%
62	8.916	1159	1161	1162	rBV2	644235	488087	8.80%	0.402%
63	8.969	1167	1170	1172	rVB2	598127	534350	9.63%	0.441%
64	8.998	1173	1175	1177	rVB3	457181	358417	6.46%	0.296%
65	9.033	1177	1181	1183	rBV4	528927	722167	13.02%	0.595%
66	9.075	1185	1188	1190	rVV3	1438430	1439266	25.94%	1.187%
67	9.116	1193	1195	1197	rVV2	1179465	1106592	19.95%	0.912%
68	9.163	1200	1203	1205	rVV2	1061711	1213368	21.87%	1.001%
69	9.198	1205	1209	1211	rVV2	1507259	1427461	25.73%	1.177%
70	9.239	1214	1216	1218	rVV	995690	793635	14.31%	0.654%
71	9.263	1218	1220	1223	rVV	1905204	1750263	31.55%	1.443%

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72	9.328	1227	1231	1235	rVB	1990890	1788809	32.25%	1.475%
73	9.404	1240	1244	1247	rBV	4297617	4645744	83.75%	3.831%
74	9.445	1249	1251	1252	rVV	423468	344963	6.22%	0.284%
75	9.480	1255	1257	1259	rVB	981512	698396	12.59%	0.576%
76	9.586	1273	1275	1281	rVB5	485299	617019	11.12%	0.509%
77	9.657	1282	1287	1289	rBV3	707107	1182836	21.32%	0.975%
78	9.722	1294	1298	1300	rBV2	1631678	1695322	30.56%	1.398%
79	9.780	1306	1308	1311	rBV3	823167	711281	12.82%	0.587%
80	9.828	1314	1316	1318	rVB2	445365	329197	5.93%	0.271%
81	9.933	1330	1334	1337	rVB	3565287	3151696	56.81%	2.599%
82	9.992	1342	1344	1345	rVV2	408519	337518	6.08%	0.278%
83	10.016	1345	1348	1350	rVB	1358424	1181418	21.30%	0.974%
84	10.157	1369	1372	1375	rVV4	350439	494212	8.91%	0.408%
85	10.186	1375	1377	1379	rVV	488124	394736	7.12%	0.325%
86	10.216	1379	1382	1385	rVV3	370803	380605	6.86%	0.314%
87	10.251	1385	1388	1392	rVV3	720293	794090	14.31%	0.655%
88	10.327	1398	1401	1404	rBV3	281183	374286	6.75%	0.309%
89	10.427	1415	1418	1421	rVV	2228047	2050639	36.97%	1.691%
90	10.645	1451	1455	1458	rBV	703046	830718	14.97%	0.685%
91	10.798	1478	1481	1485	rBV	869487	694237	12.51%	0.572%
92	10.904	1496	1499	1504	rBV	1431589	1784628	32.17%	1.472%
93	11.351	1572	1575	1577	rBV	777663	567671	10.23%	0.468%
94	11.504	1597	1601	1603	rBV	1193759	1100168	19.83%	0.907%
95	11.774	1645	1647	1651	rVB	418882	340501	6.14%	0.281%
96	12.574	1776	1783	1788	rBV3	299548	435052	7.84%	0.359%
97	12.945	1840	1846	1853	rBV	511994	549750	9.91%	0.453%
98	13.086	1866	1870	1873	rBV	1251879	1053273	18.99%	0.869%
99	14.151	2046	2051	2054	rBV	1120532	1122456	20.23%	0.926%
100	15.692	2308	2313	2320	rBV2	637852	964188	17.38%	0.795%

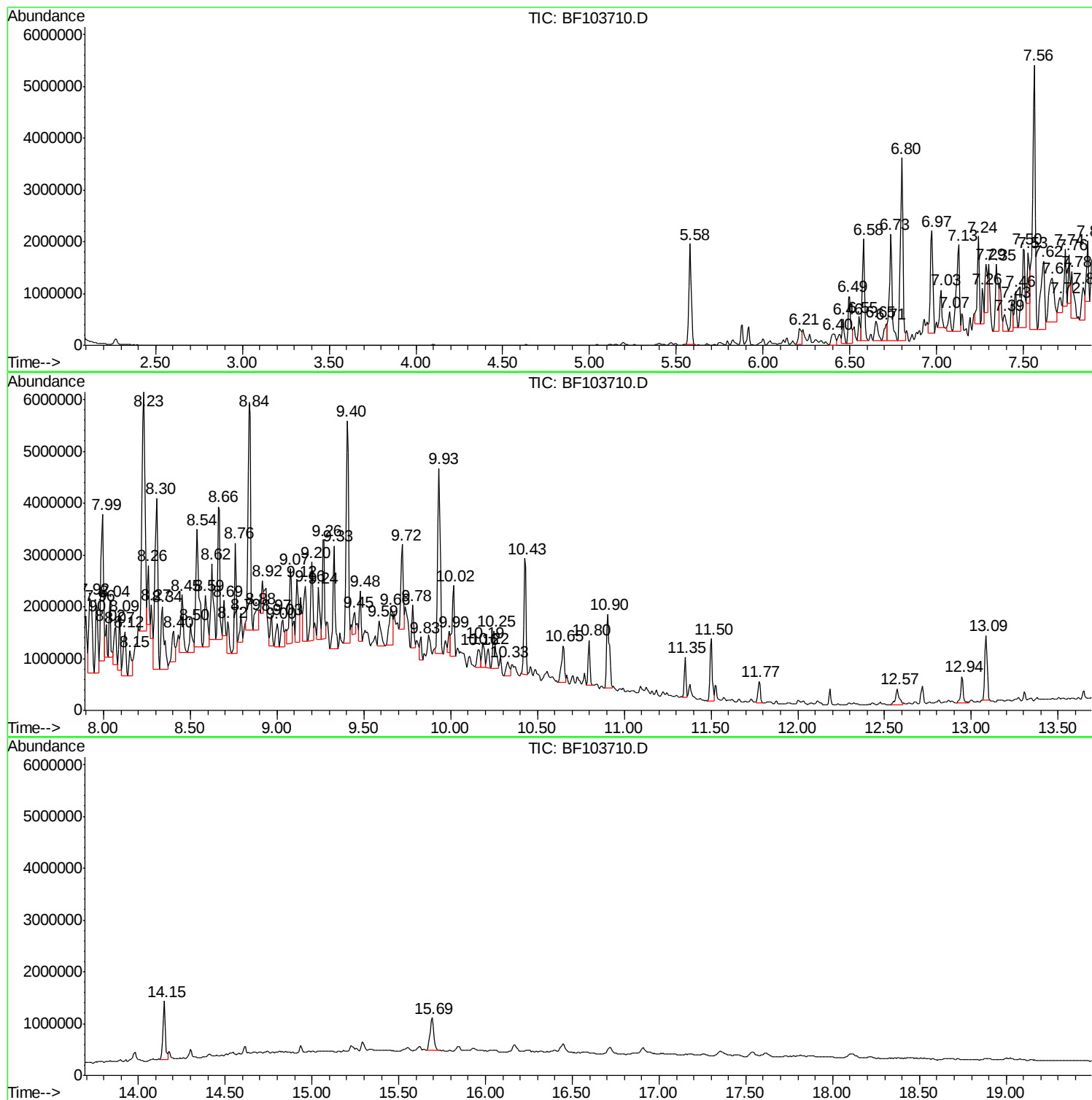
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.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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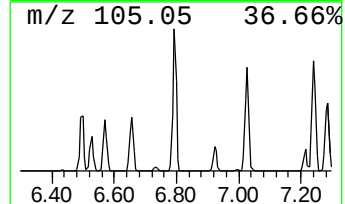
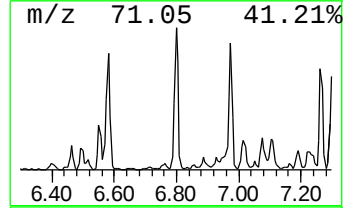
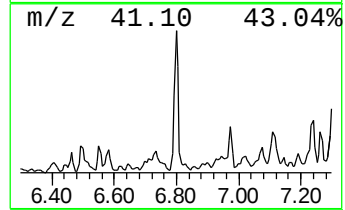
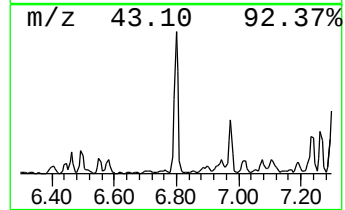
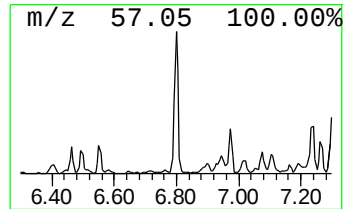
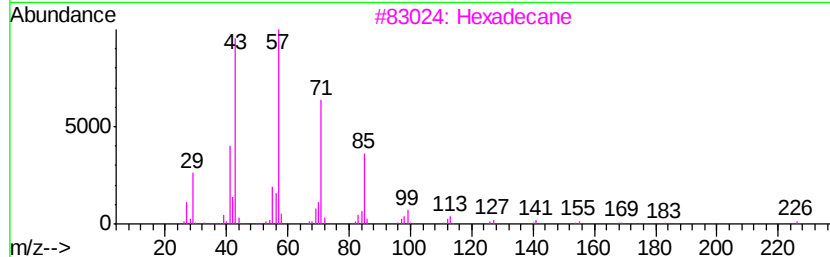
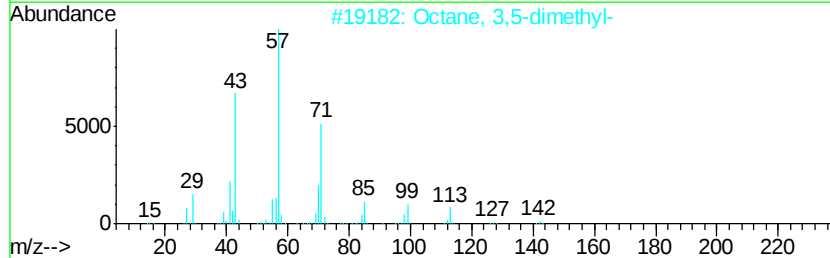
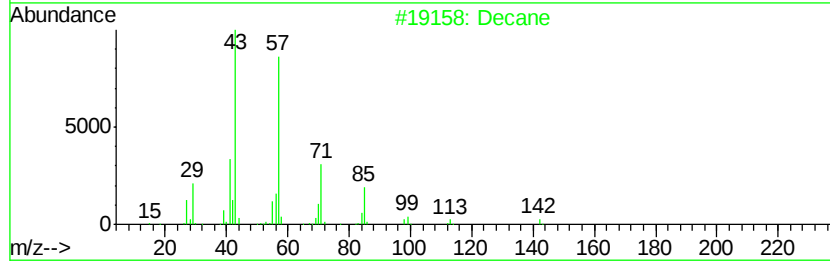
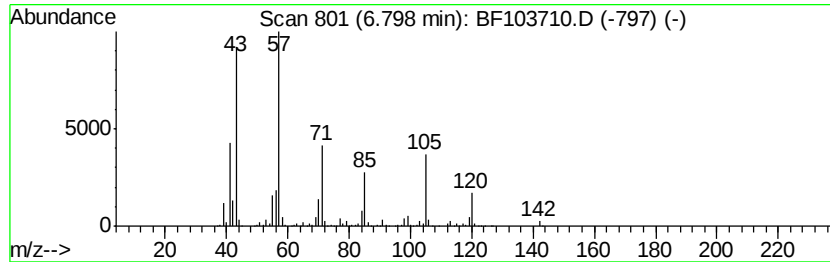
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Decane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.80	38.65 ng	3468920	1,4-Dichlorobenzene-d4	6.97

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane		142	C10H22	000124-18-5	89
2	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	53
3	Hexadecane		226	C16H34	000544-76-3	53
4	Tridecane		184	C13H28	000629-50-5	50
5	Undecane		156	C11H24	001120-21-4	50



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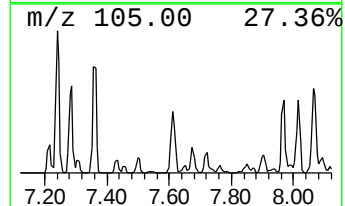
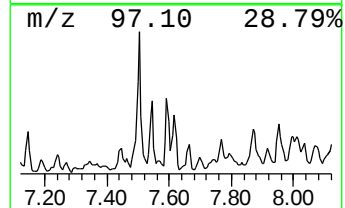
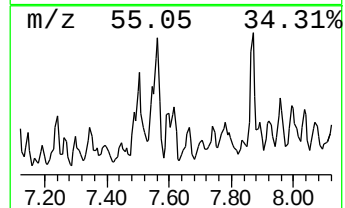
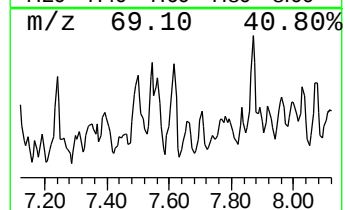
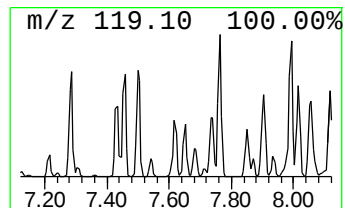
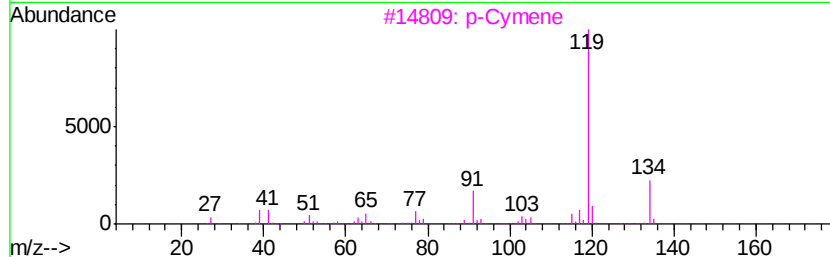
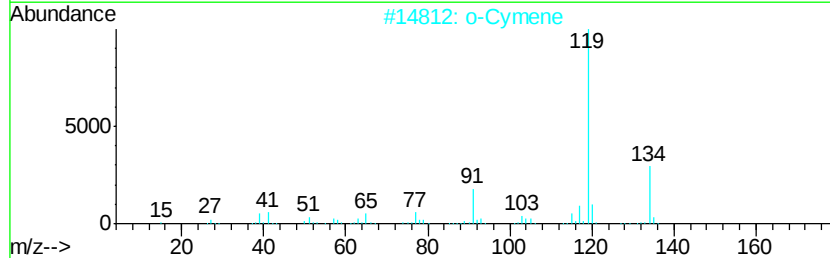
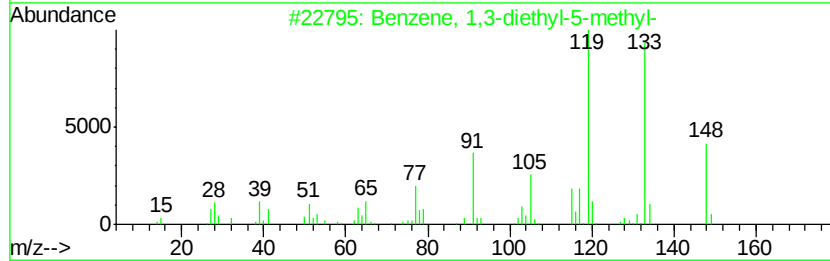
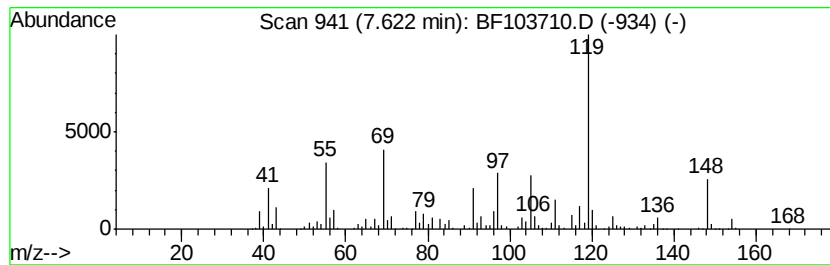
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Benzene, 1,3-diethyl-5-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.62	49.84 ng	1896700	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-diethyl-5-methyl-	148	C11H16	002050-24-0	55
2		o-Cymene	134	C10H14	000527-84-4	52
3		p-Cymene	134	C10H14	000099-87-6	46
4		Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	43
5		Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	41



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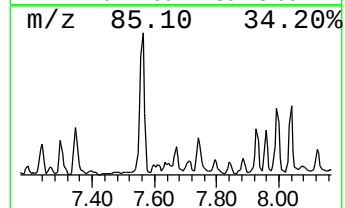
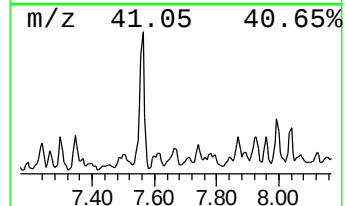
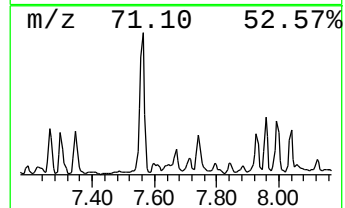
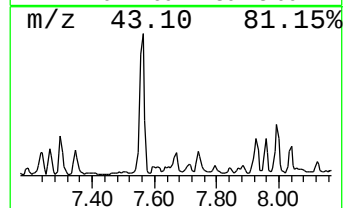
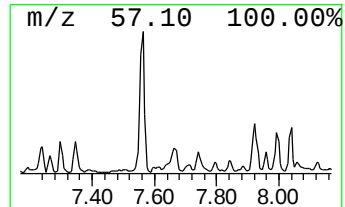
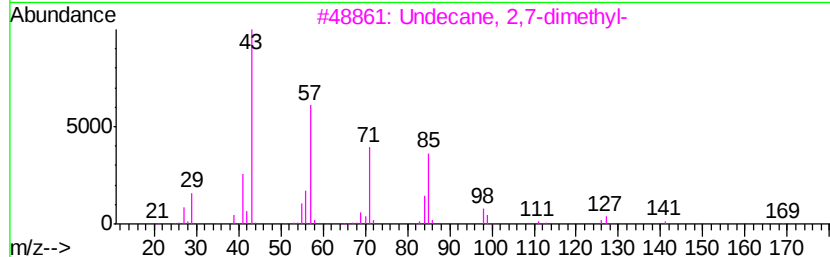
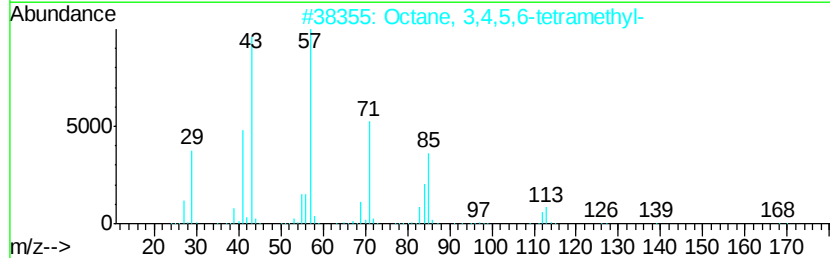
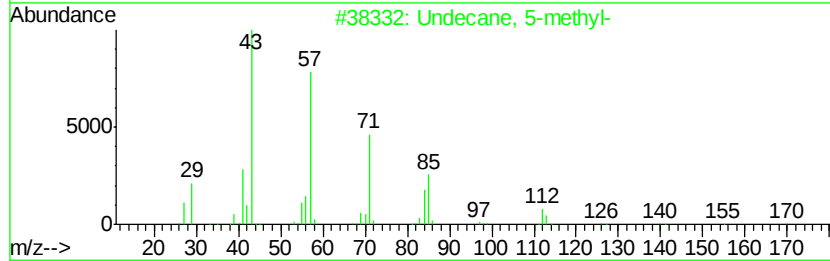
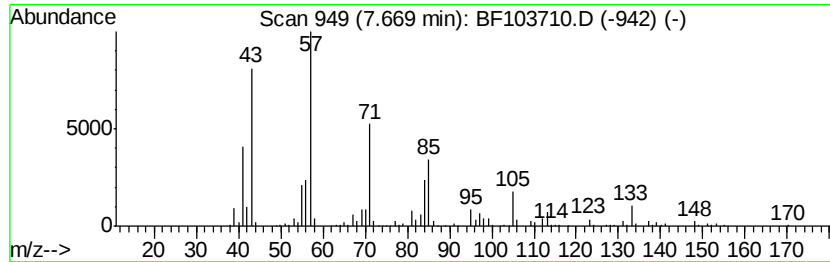
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Undecane, 5-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.67	47.90 ng	1822940	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 5-methyl-	170	C12H26	001632-70-8	76
2		Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	58
3		Undecane, 2,7-dimethyl-	184	C13H28	017301-24-5	58
4		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	50
5		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	46



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Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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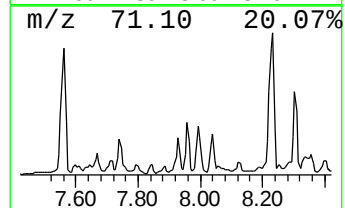
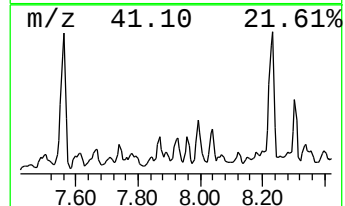
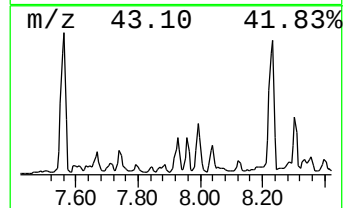
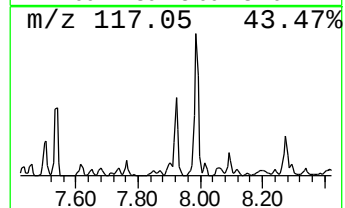
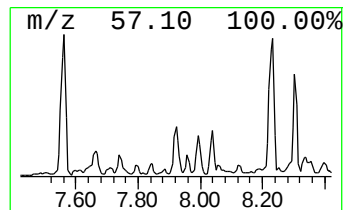
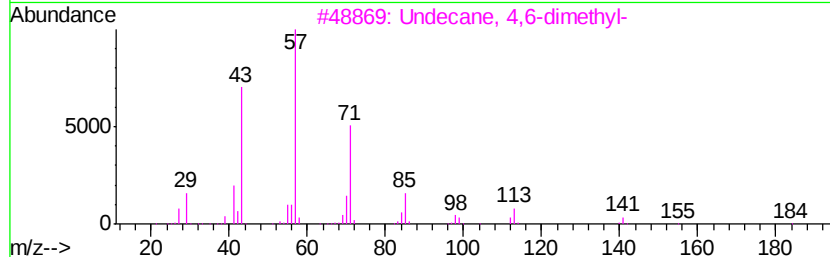
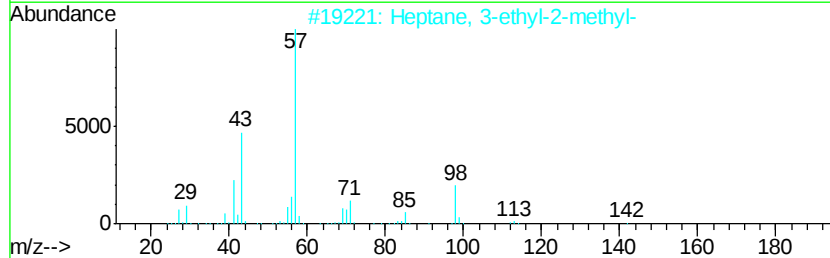
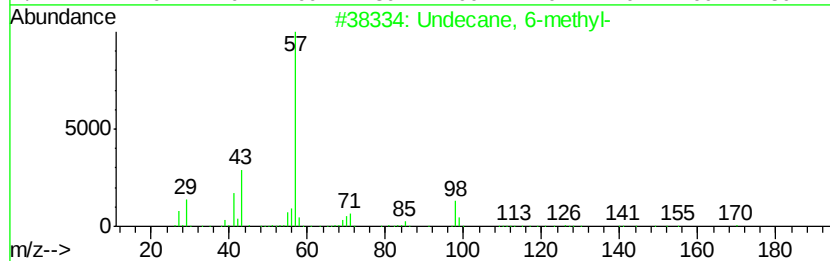
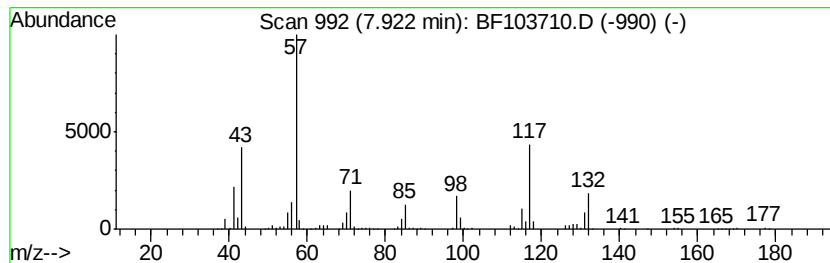
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 unknown7.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	43.76 ng	1665530	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 6-methyl-	170	C12H26	017302-33-9	15
2		Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	14
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	14
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	14
5		Sulfurous acid, 2-ethylhexyl iso...	250	C12H26O3S	1000309-18-7	14



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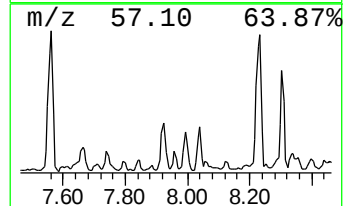
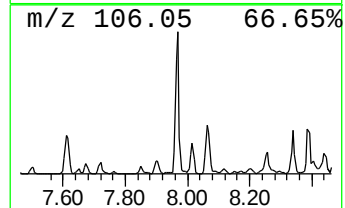
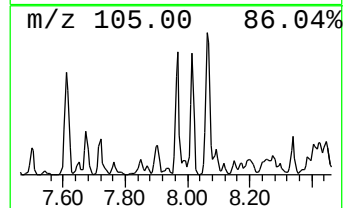
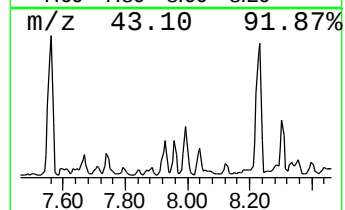
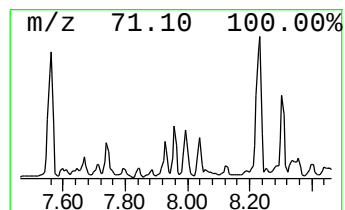
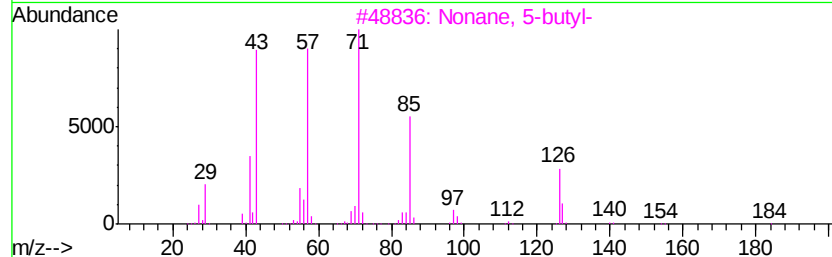
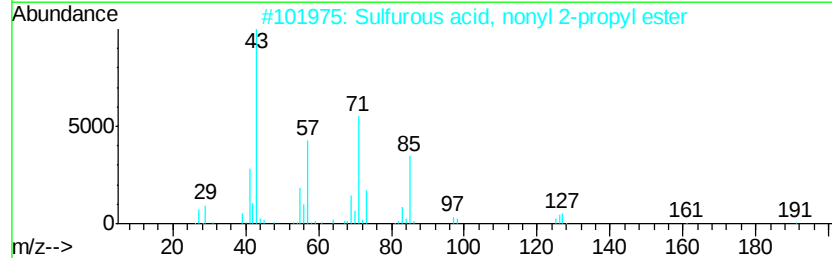
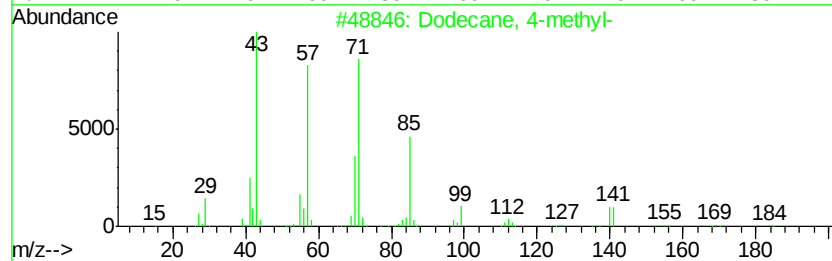
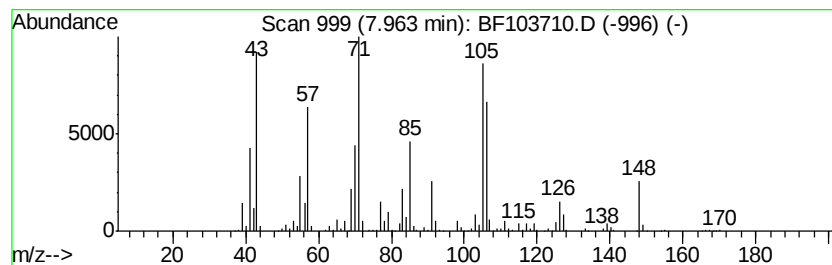
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Dodecane, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	36.44 ng	1386720	Naphthalene-d8	8.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 4-methyl-	184 C13H28	006117-97-1	72
2	Sulfurous acid, nonyl 2-propyl e...	250 C12H26O3S	1000309-12-0	64
3	Nonane, 5-butyl-	184 C13H28	017312-63-9	59
4	Sulfurous acid, hexyl pentyl ester	236 C11H24O3S	1000309-14-1	58
5	Sulfurous acid, hexyl 2-pentyl e...	236 C11H24O3S	1000309-15-6	53



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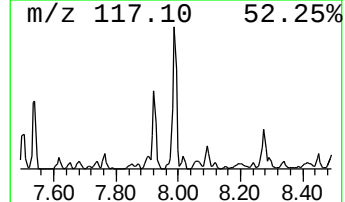
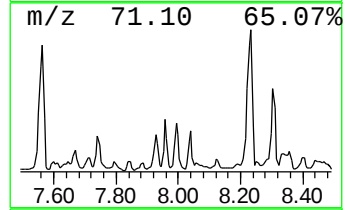
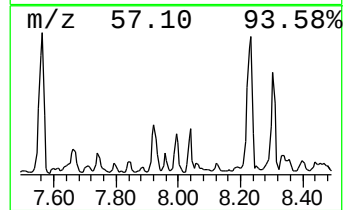
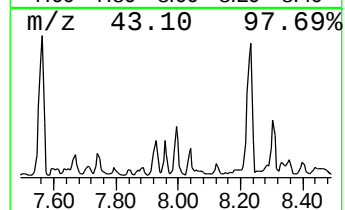
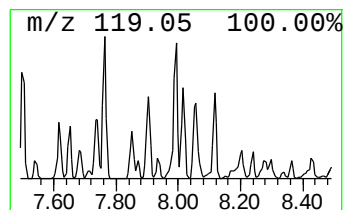
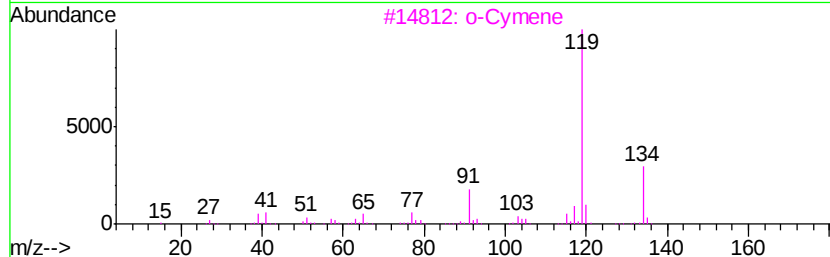
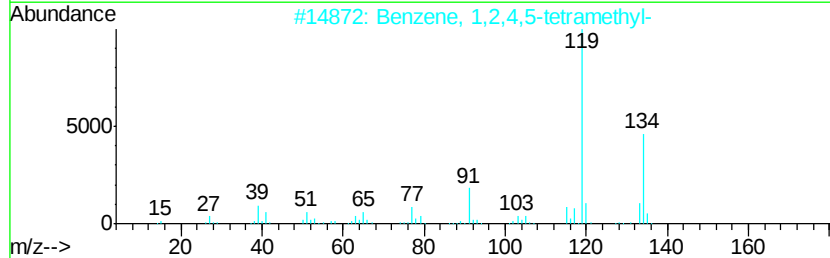
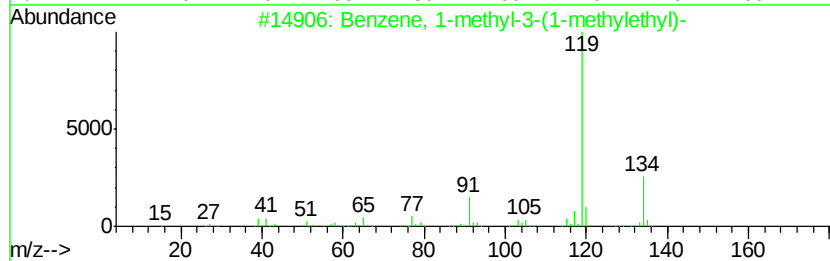
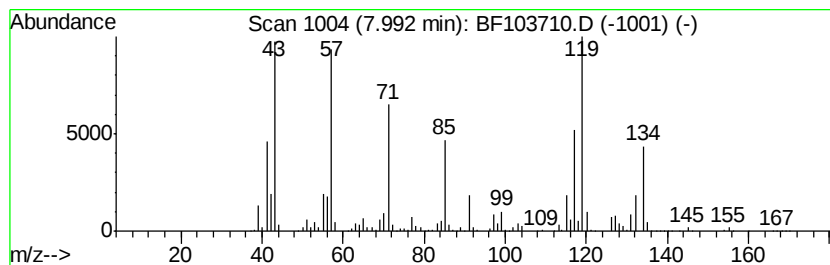
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 unknown7.99 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.99	65.80 ng	2504210	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	42
2		Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
3		o-Cymene	134	C10H14	000527-84-4	42
4		Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	38
5		p-Cymene	134	C10H14	000099-87-6	38



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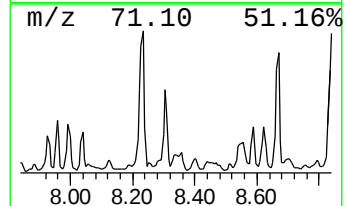
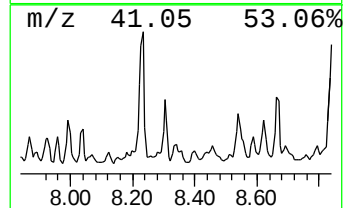
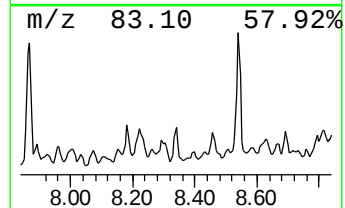
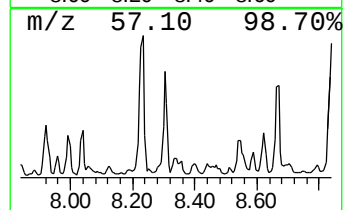
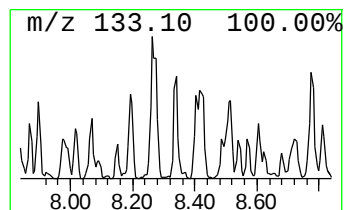
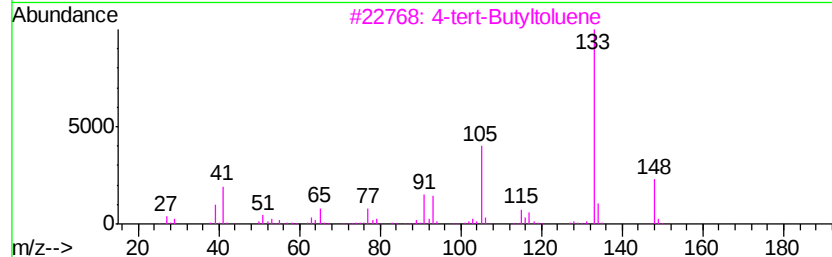
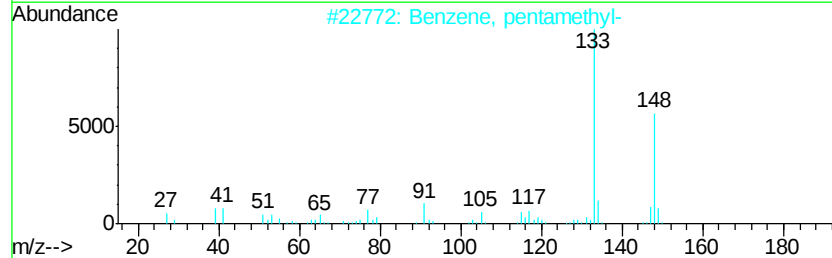
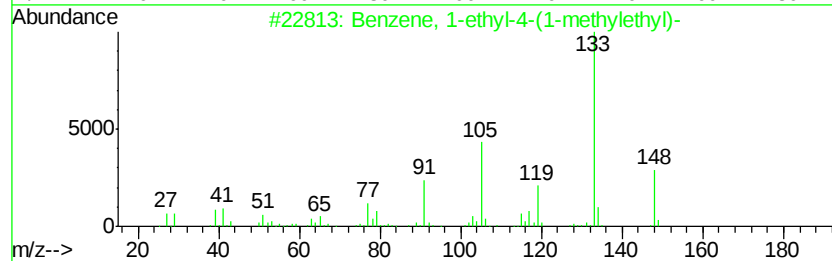
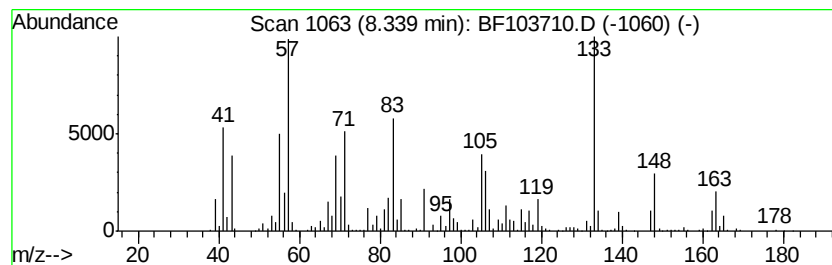
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	43.98 ng	1673870	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	80
2		Benzene, pentamethyl-	148	C11H16	000700-12-9	46
3		4-tert-Butyltoluene	148	C11H16	000098-51-1	41
4		Benzene, 1,3-dimethyl-5-(1-methy...	148	C11H16	004706-90-5	38
5		Benzene, 1,4-diethyl-2-methyl-	148	C11H16	013632-94-5	38



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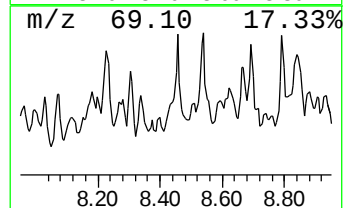
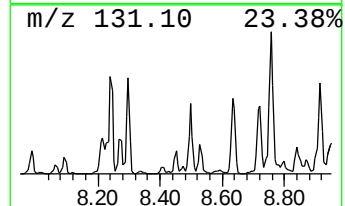
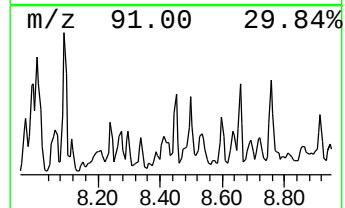
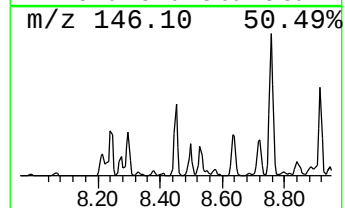
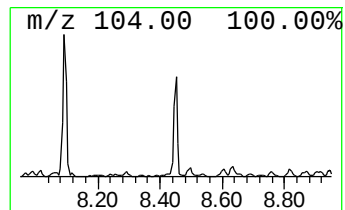
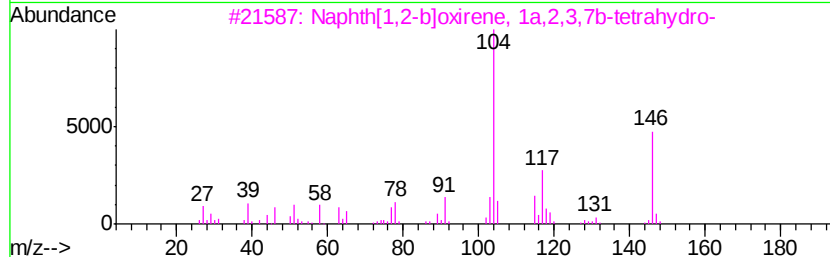
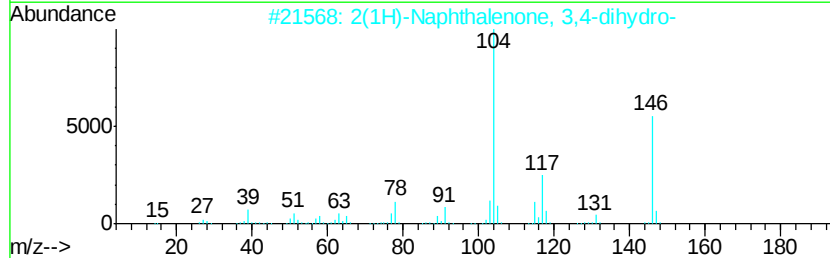
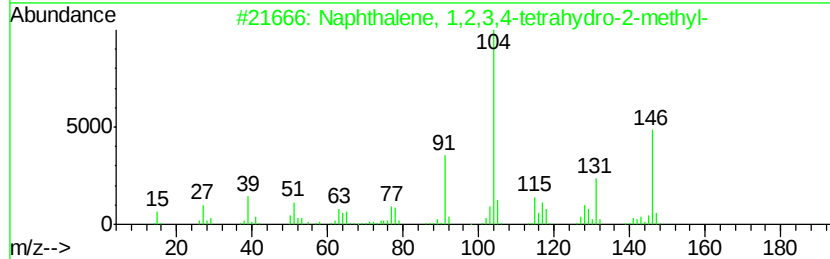
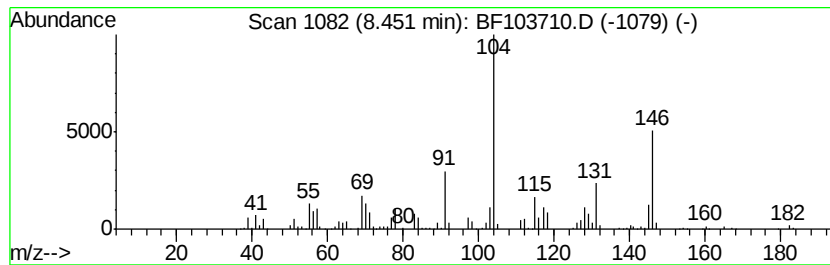
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Naphthalene, 1,2,3,4-tetra... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	31.88 ng	1213170	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	003877-19-8	93
2		2(1H)-Naphthalenone, 3,4-dihydro-	146	C10H10O	000530-93-8	58
3		Naphth[1,2-b]oxirene, 1a,2,3,7b-...	146	C10H10O	002461-34-9	50
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-92-1	40
5		Benzene, 1,1'-(1,2-cyclobutanedi...	208	C16H16	007694-30-6	35



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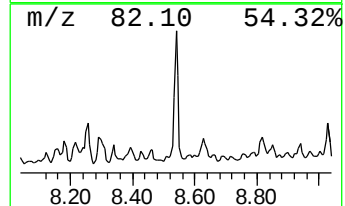
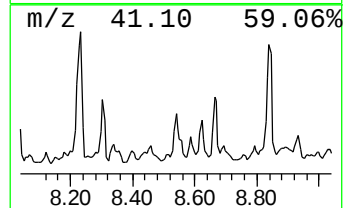
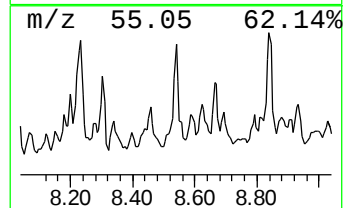
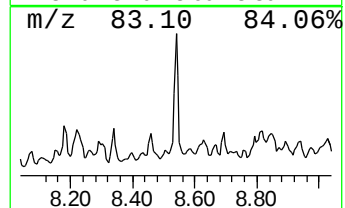
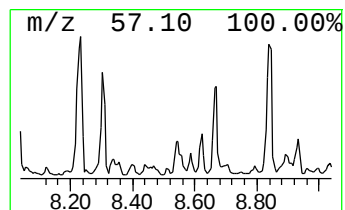
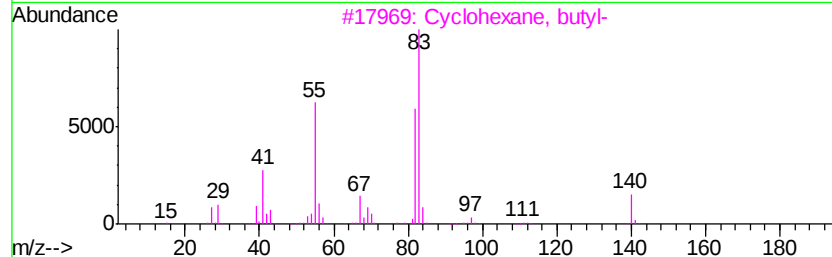
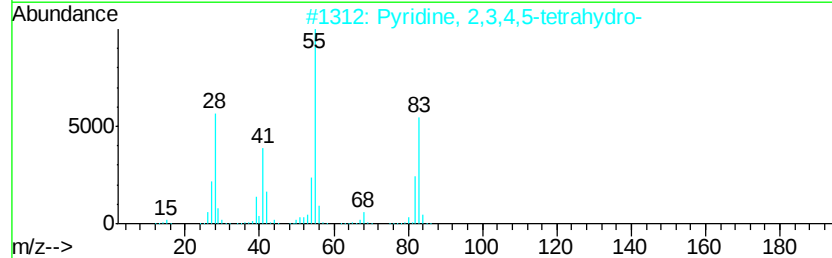
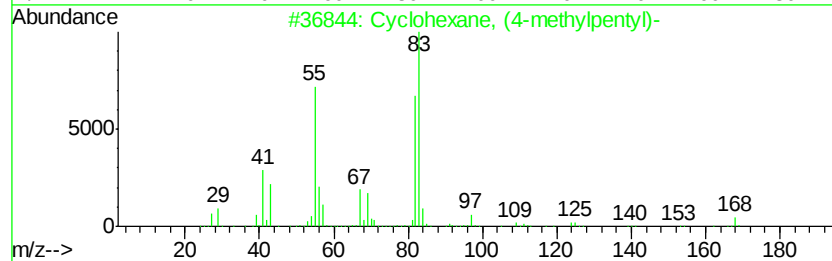
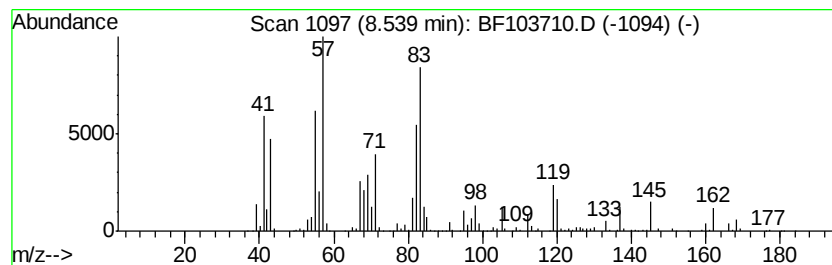
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown8.54 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.54	72.75 ng	2768940	Naphthalene-d8	8.26

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	45
2		Pyridine, 2,3,4,5-tetrahydro-	83	C5H9N	000505-18-0	38
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	38
4		Cyclohexane, hexyl-	168	C12H24	004292-75-5	38
5		1-Butanone, 1-cyclohexyl-	154	C10H18O	001462-27-7	38



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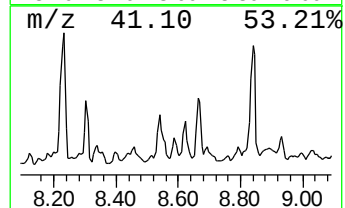
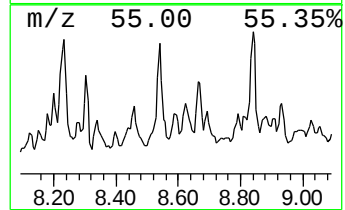
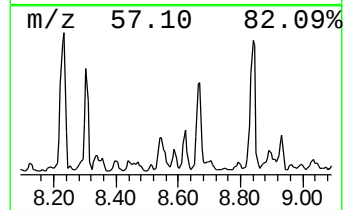
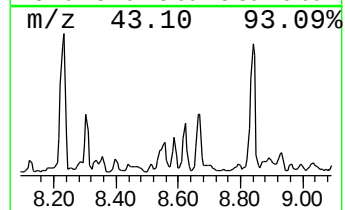
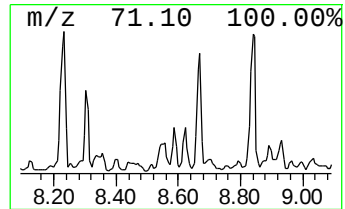
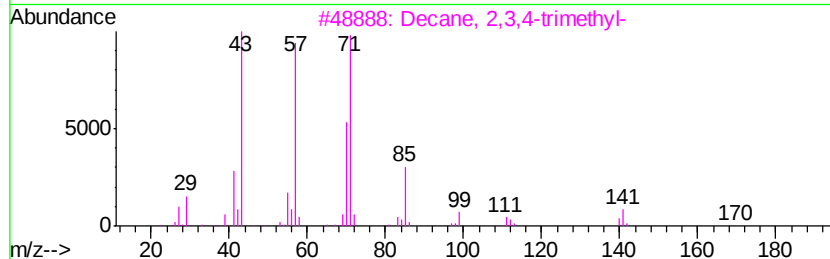
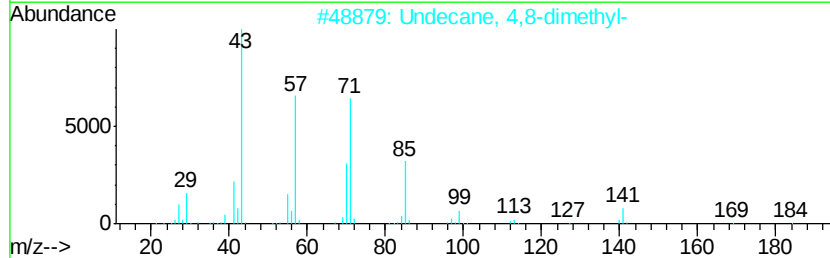
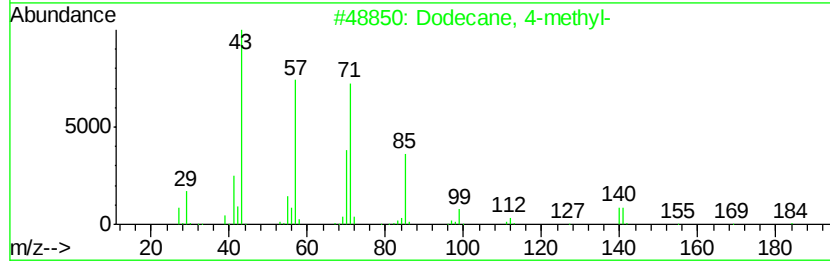
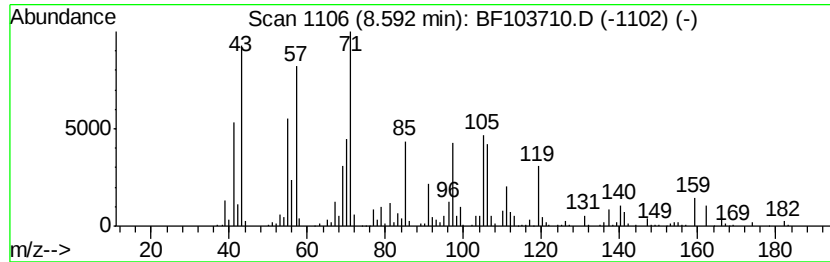
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.59	34.54 ng	1314420	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	94
2		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
3		Decane, 2,3,4-trimethyl-	184	C13H28	062238-15-7	72
4		Undecane, 2,8-dimethyl-	184	C13H28	017301-25-6	53
5		Nonane, 2,6-dimethyl-	156	C11H24	017302-28-2	53



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Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

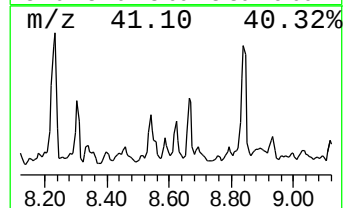
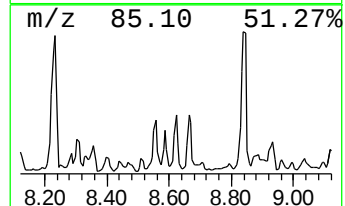
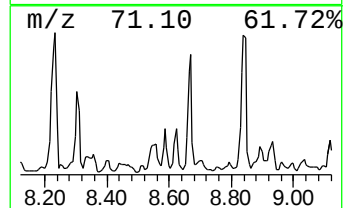
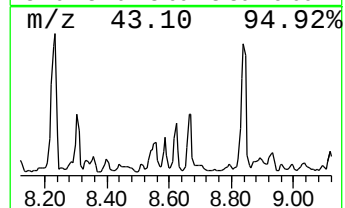
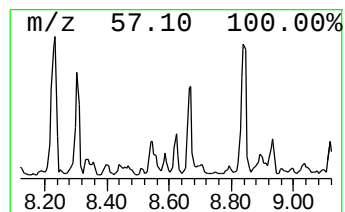
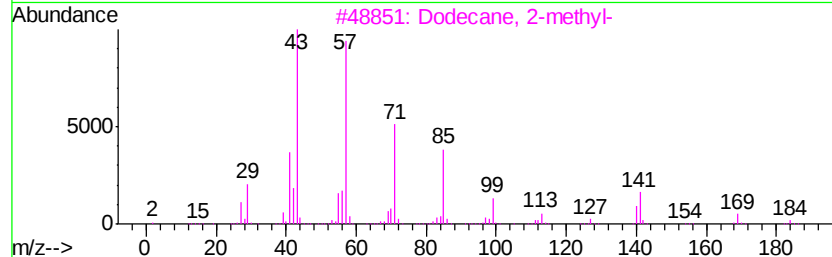
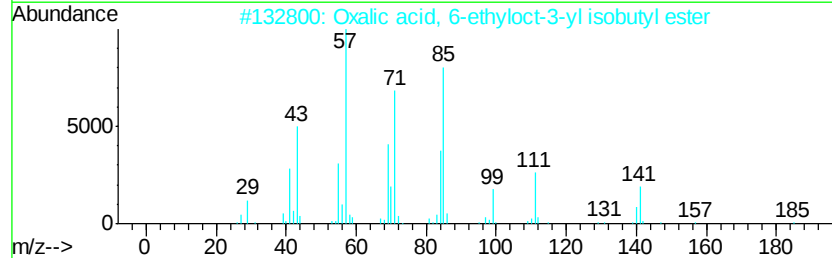
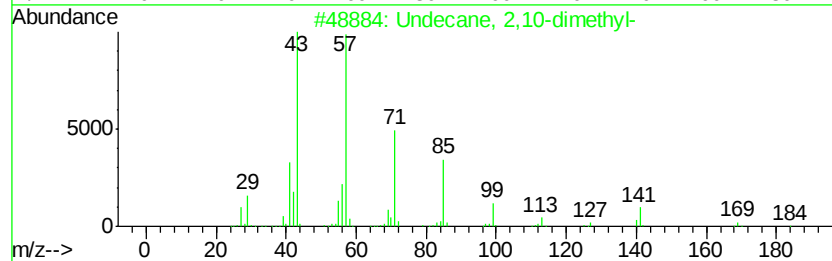
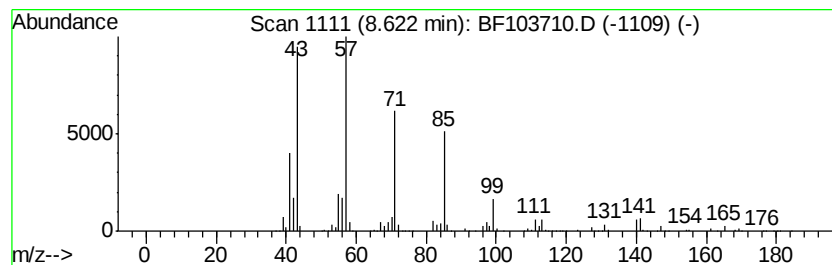
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Undecane, 2,10-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.62	39.07 ng	1486950	Napthalene-d8	8.26
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Undecane, 2,10-dimethyl-	184 C13H28	017301-27-8	87
2	Oxalic acid, 6-ethyloct-3-yl iso...	286 C16H30O4	1000309-34-1	64
3	Dodecane, 2-methyl-	184 C13H28	001560-97-0	64
4	Decane, 3-bromo-	220 C10H21Br	030571-71-2	59
5	1-Iodoundecane	282 C11H23I	004282-44-4	50



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-031518-B

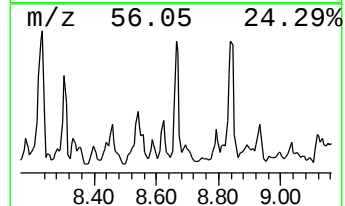
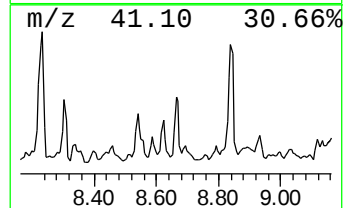
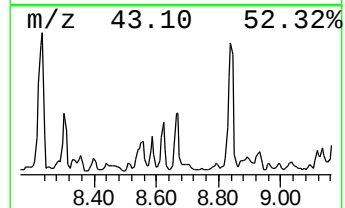
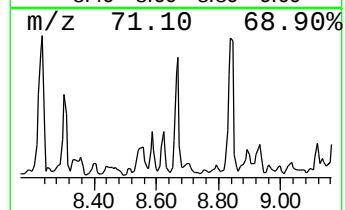
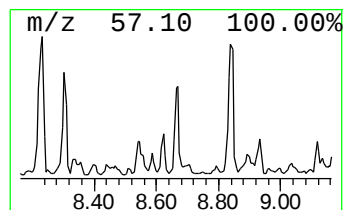
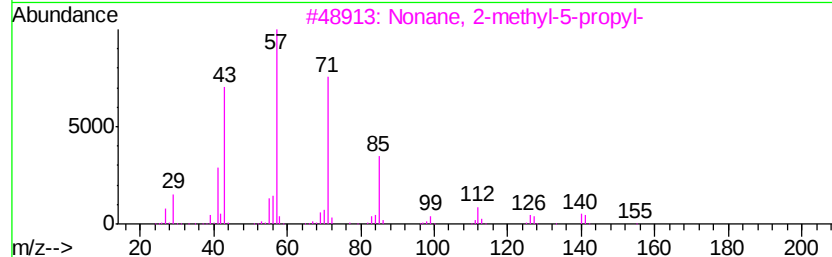
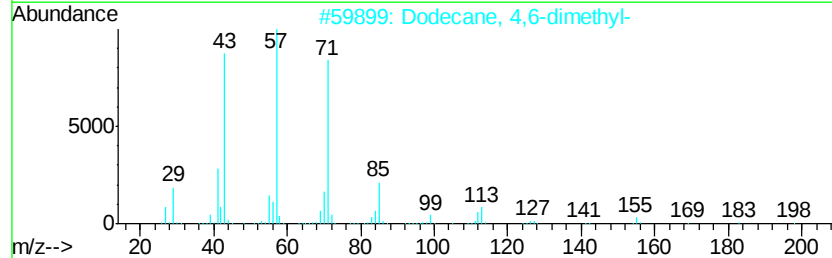
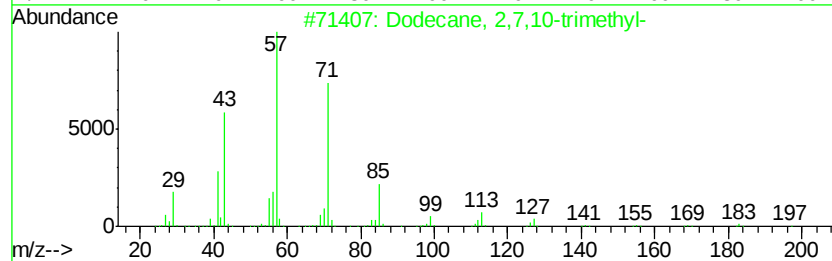
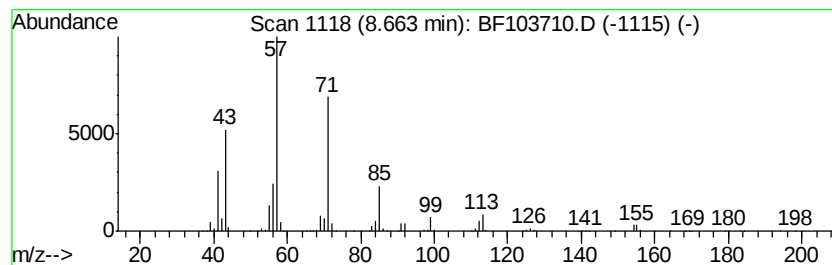
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Dodecane, 2,7,10-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.66	62.28 ng	2370210	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	83
2		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	72
3		Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	64
4		Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	64
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	53



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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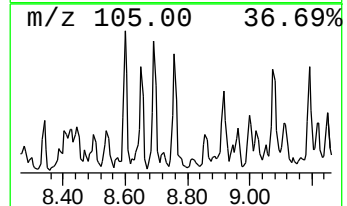
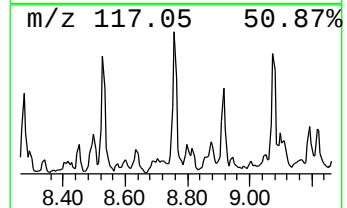
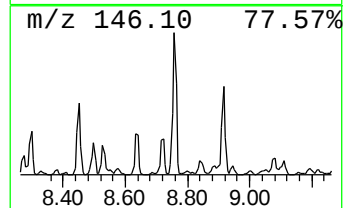
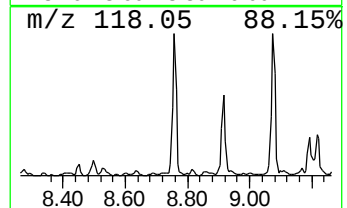
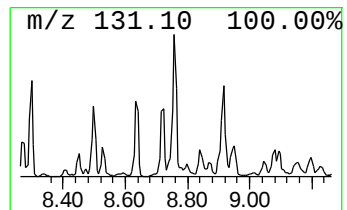
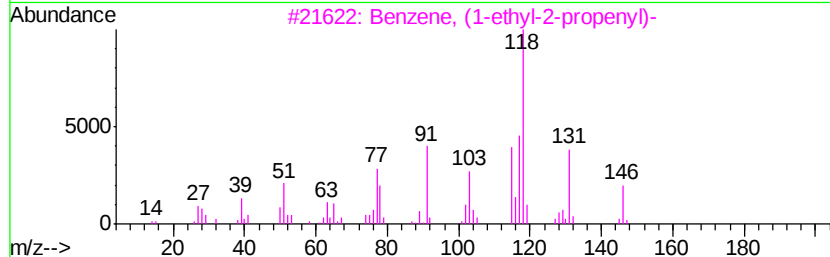
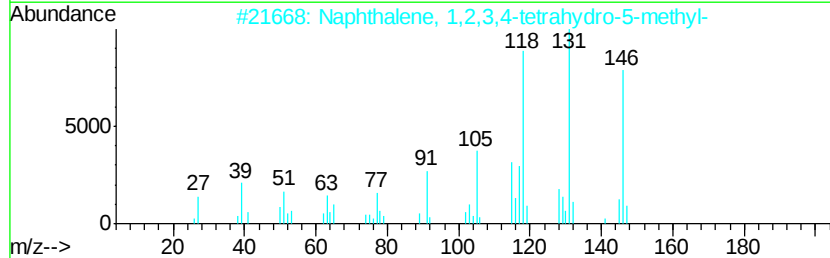
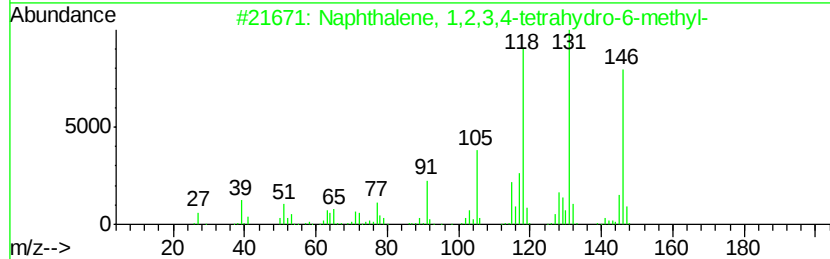
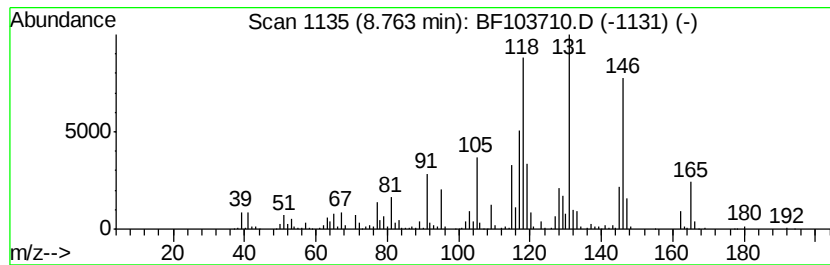
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Naphthalene, 1,2,3,4-tetrahydro-... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	44.75 ng	1703290	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	96
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	95
3		Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	87
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	70
5		Benzene, (1-methylenebutyl)-	146	C11H14	005676-32-4	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
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Sample : J1750-03 2X
Misc :
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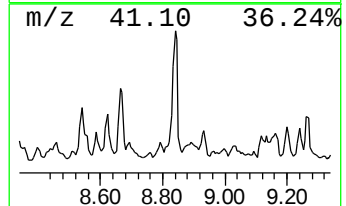
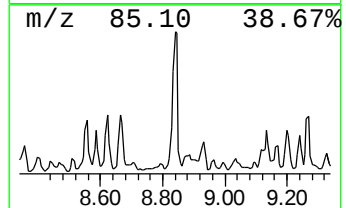
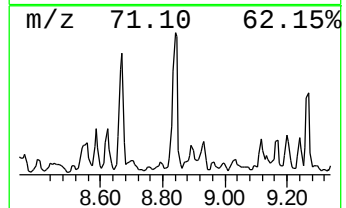
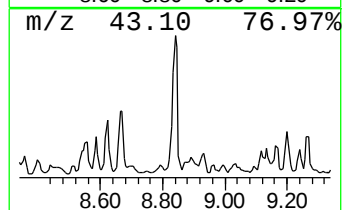
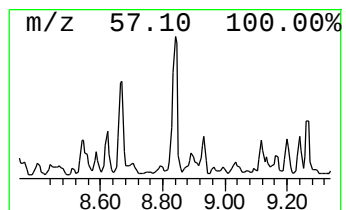
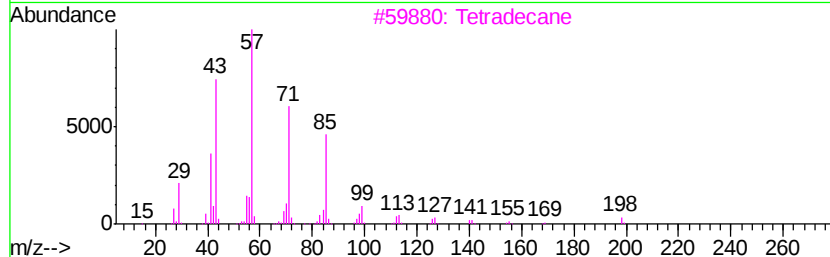
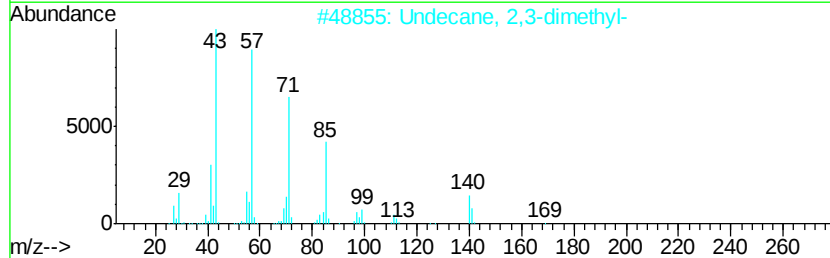
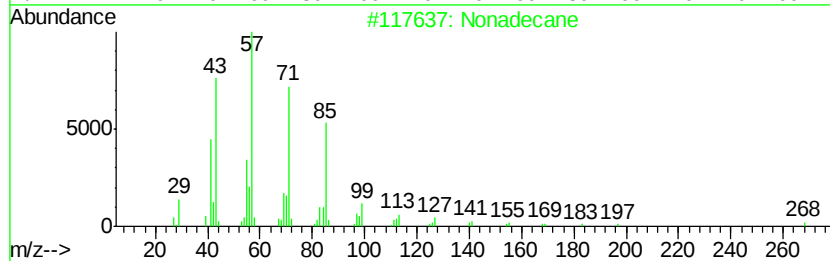
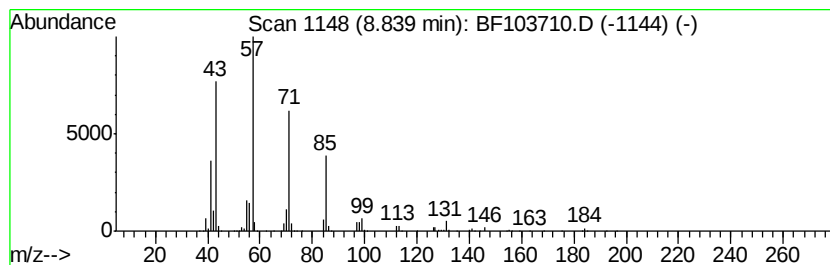
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
8.84	128.42 ng	4887360	Naphthalene-d8	8.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Nonadecane	268	C19H40	000629-92-5	90
2		Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	86
3		Tetradecane	198	C14H30	000629-59-4	80
4		Tridecane	184	C13H28	000629-50-5	70
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	64



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
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Instrument :
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ClientSampleId :
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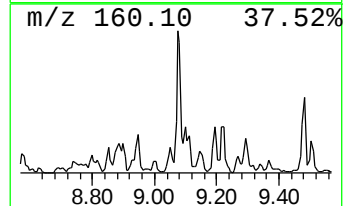
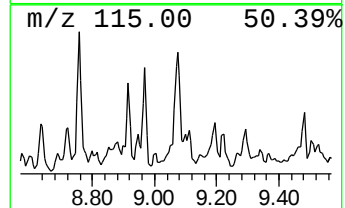
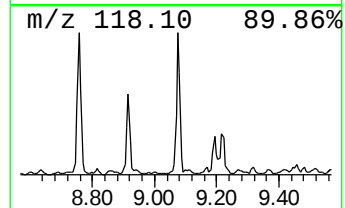
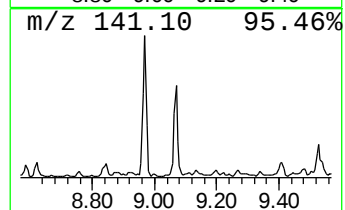
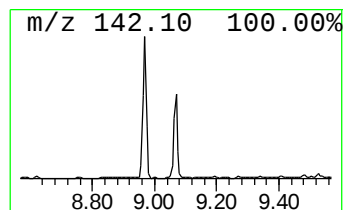
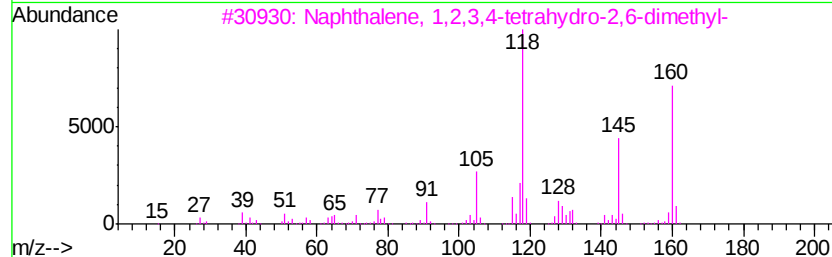
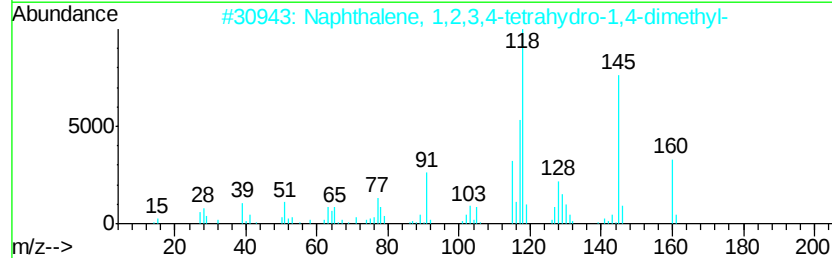
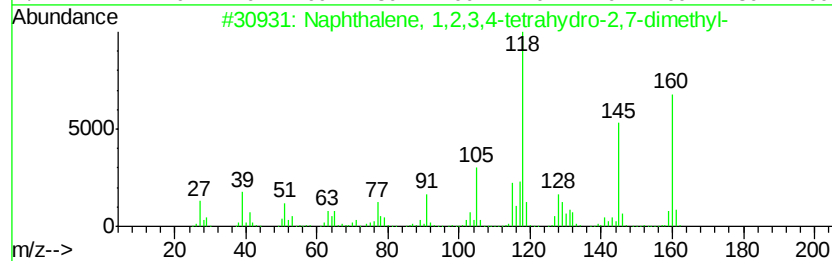
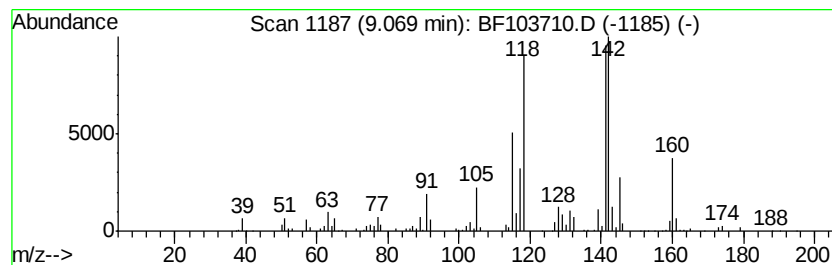
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Naphthalene, 1,2,3,4-tetra... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.07	37.82 ng	1439270	Naphthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	013065-07-1	90
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	89
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	007524-63-2	64
4		1(2H)-Naphthalenone, 3,4-dihydro...	160	C11H12O	014944-23-1	62
5		Benzene, (3-methyl-1-methylenebu...	160	C12H16	038212-14-5	58



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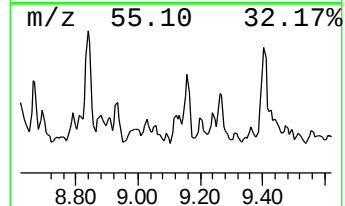
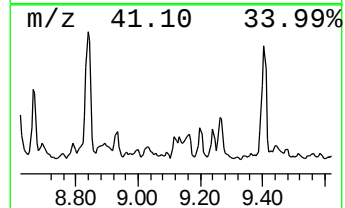
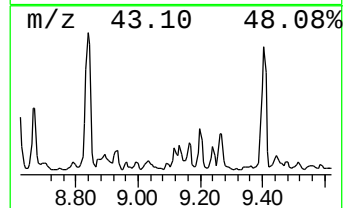
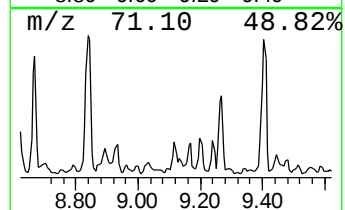
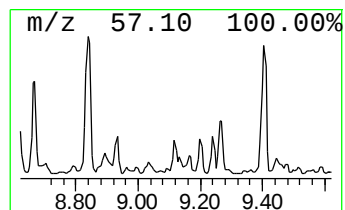
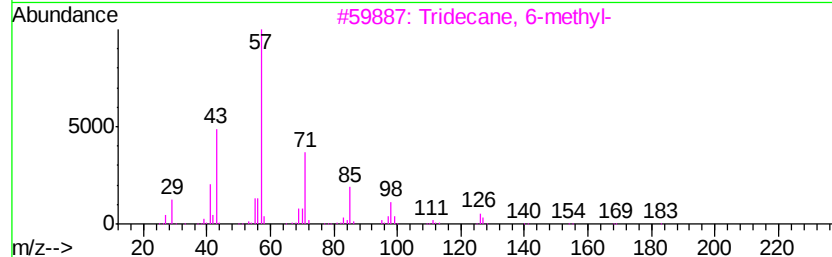
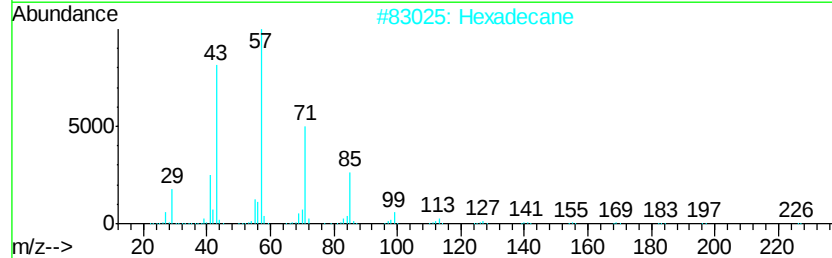
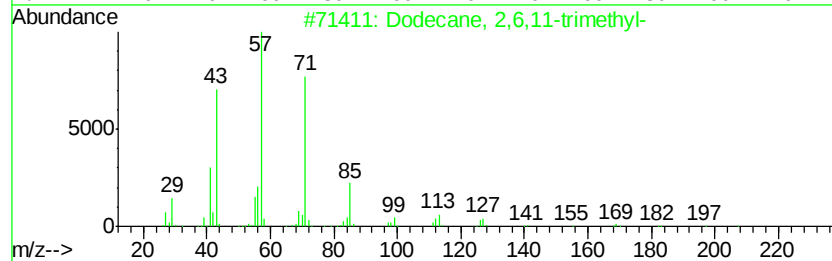
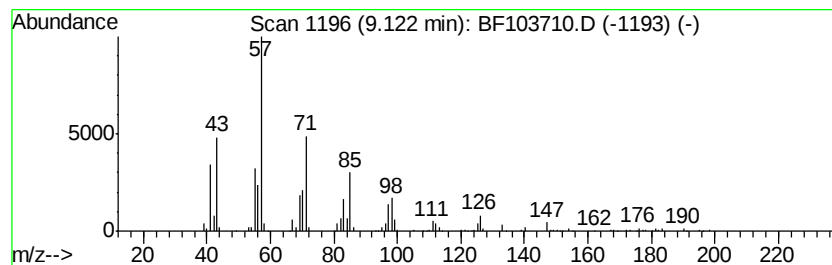
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 unknown9.12 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.12	29.08 ng	1106590	Napthalene-d8	8.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	47
2		Hexadecane	226	C16H34	000544-76-3	47
3		Tridecane, 6-methyl-	198	C14H30	013287-21-3	46
4		Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	45
5		Sulfurous acid, decyl 2-ethylhex...	334	C18H38O3S	1000309-19-3	43



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Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-B

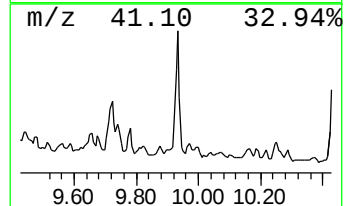
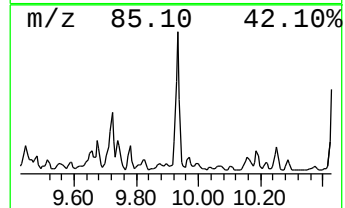
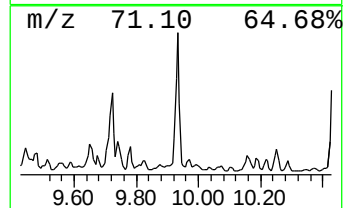
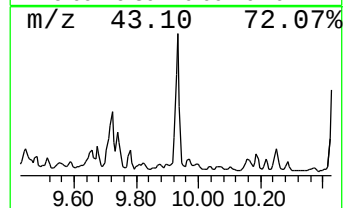
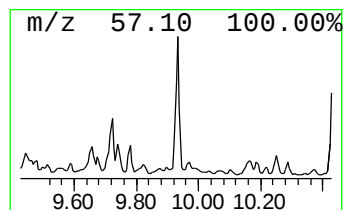
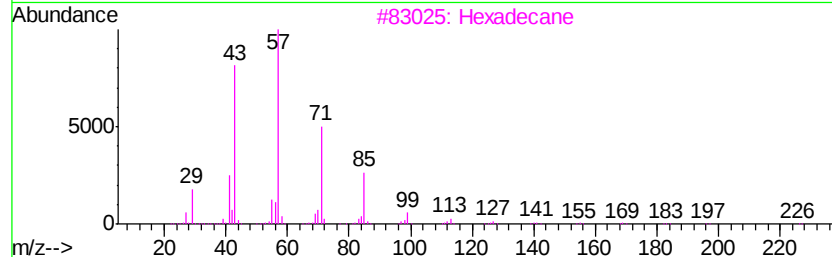
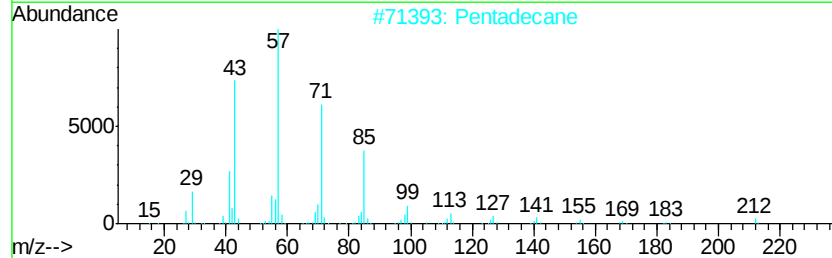
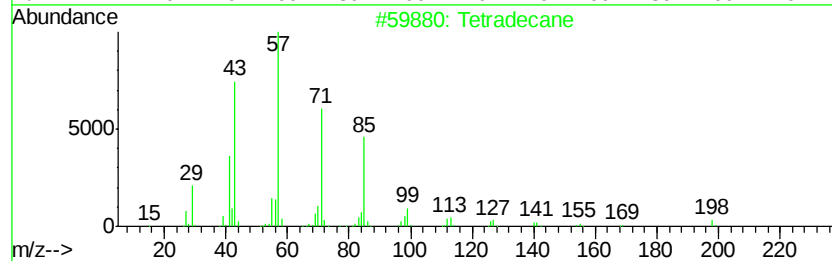
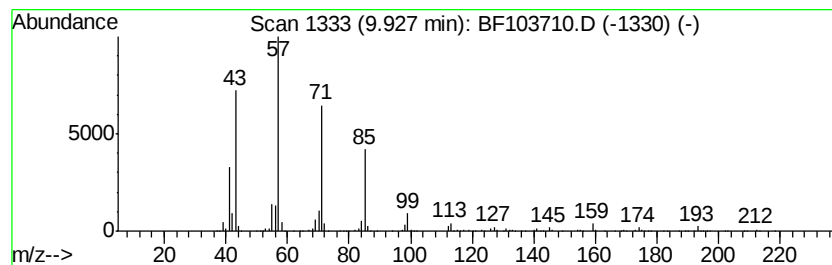
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetradeane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.93	53.35 ng	3151700	Acenaphthene-d10	10.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Pentadecane	212	C15H32	000629-62-9	83
3		Hexadecane	226	C16H34	000544-76-3	72
4		Octacosane	394	C28H58	000630-02-4	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

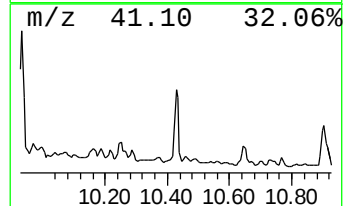
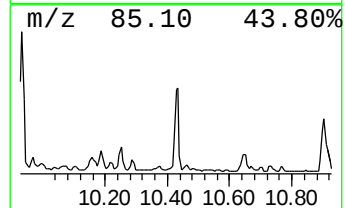
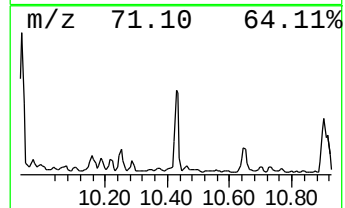
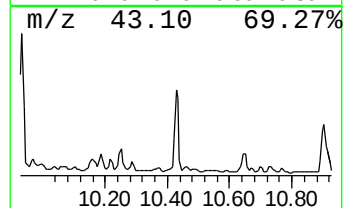
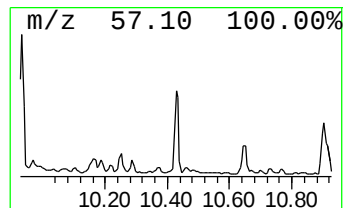
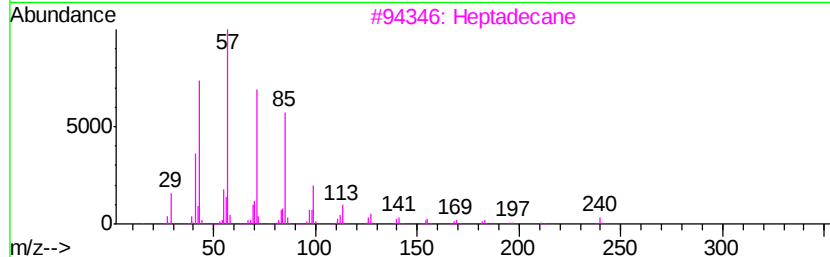
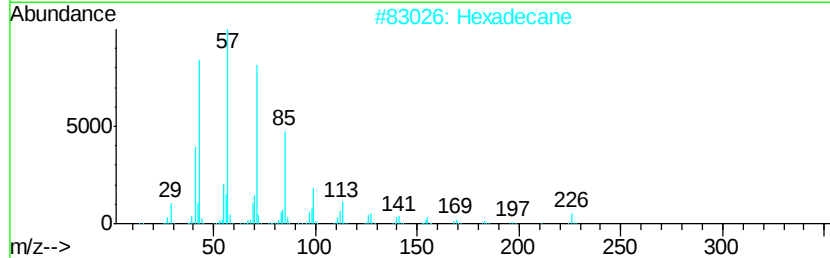
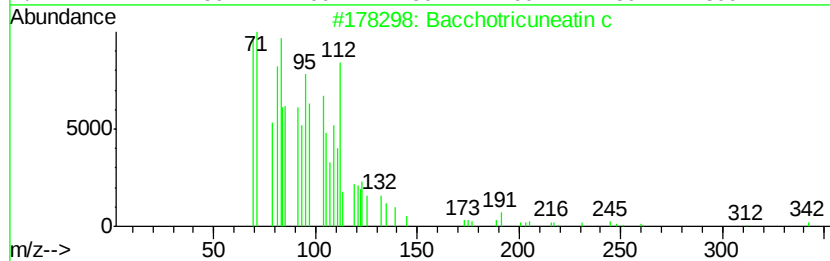
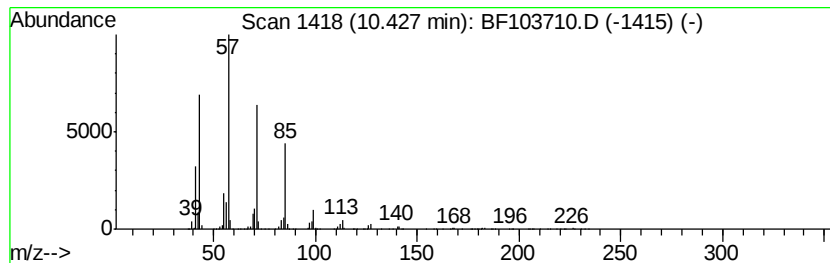
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Bacchotricuneatin c Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.43	34.71 ng	2050640	Acenaphthene-d10	10.02
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Bacchotricuneatin c	342 C20H22O5	066563-30-2 95
2		Hexadecane	226 C16H34	000544-76-3 94
3		Heptadecane	240 C17H36	000629-78-7 90
4		Pentadecane	212 C15H32	000629-62-9 90
5		Pentadecane, 7-methyl-	226 C16H34	006165-40-8 87



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF031618\
Data File : BF103710.D
Acq On : 16 Mar 2018 21:33
Operator : JU/SJ
Sample : J1750-03 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-031518-B

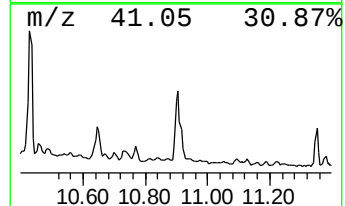
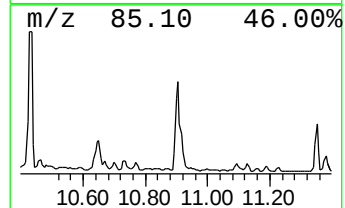
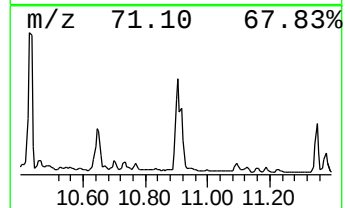
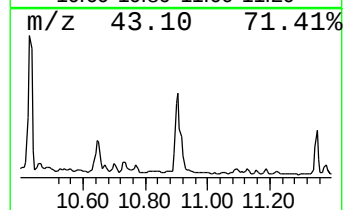
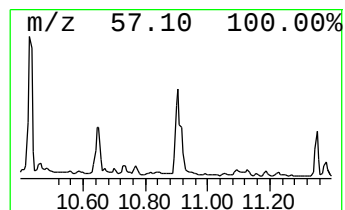
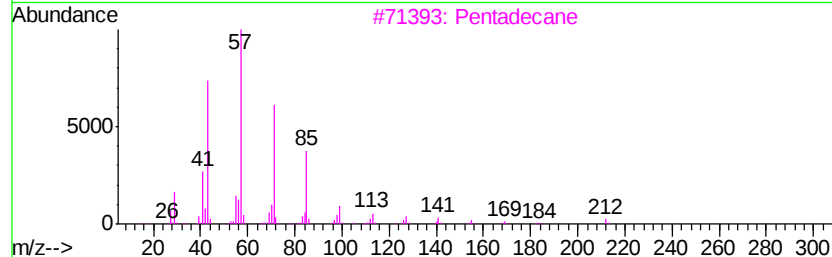
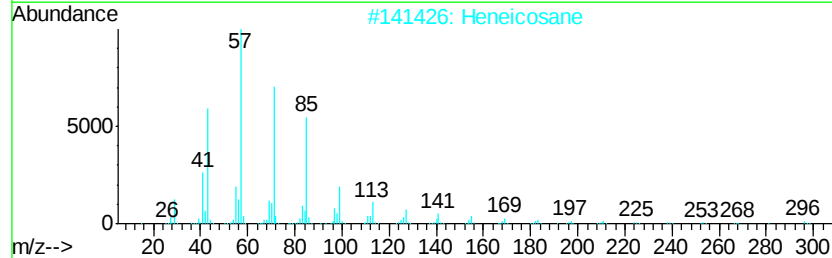
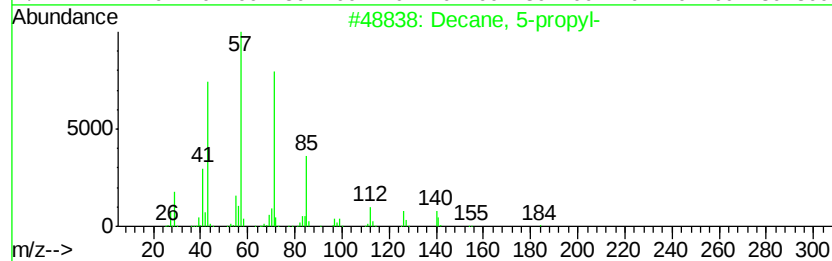
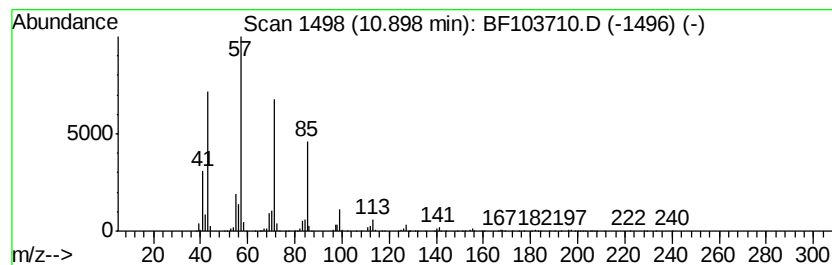
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Decane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.90	32.44 ng	1784630	Phenanthrene-d10	11.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 5-propyl-	184	C13H28	017312-62-8	90
2		Heneicosane	296	C21H44	000629-94-7	90
3		Pentadecane	212	C15H32	000629-62-9	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF031618\
 Data File : BF103710.D
 Acq On : 16 Mar 2018 21:33
 Operator : JU/SJ
 Sample : J1750-03 2X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-031518-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031518.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
Decane	6.80	38.6	ng	3468920	1	6.97	1795070	20.0
Benzene, 1,3-diet...	7.62	49.8	ng	1896700	2	8.26	761174	20.0
Undecane, 5-methyl-	7.67	47.9	ng	1822940	2	8.26	761174	20.0
unknown7.92	7.92	43.8	ng	1665530	2	8.26	761174	20.0
Dodecane, 4-methyl-	7.96	36.4	ng	1386720	2	8.26	761174	20.0
unknown7.99	7.99	65.8	ng	2504210	2	8.26	761174	20.0
Benzene, 1-ethyl-...	8.34	44.0	ng	1673870	2	8.26	761174	20.0
Naphthalene, 1,2,...	8.45	31.9	ng	1213170	2	8.26	761174	20.0
unknown8.54	8.54	72.8	ng	2768940	2	8.26	761174	20.0
Dodecane, 4-methyl-	8.59	34.5	ng	1314420	2	8.26	761174	20.0
Undecane, 2,10-di...	8.62	39.1	ng	1486950	2	8.26	761174	20.0
Dodecane, 2,7,10-...	8.66	62.3	ng	2370210	2	8.26	761174	20.0
Naphthalene, 1,2,...	8.76	44.8	ng	1703290	2	8.26	761174	20.0
Nonadecane	8.84	128.4	ng	4887360	2	8.26	761174	20.0
Naphthalene, 1,2,...	9.07	37.8	ng	1439270	2	8.26	761174	20.0
unknown9.12	9.12	29.1	ng	1106590	2	8.26	761174	20.0
Tetradecane	9.93	53.4	ng	3151700	3	10.02	1181420	20.0
Bacchotricuneatin c	10.43	34.7	ng	2050640	3	10.02	1181420	20.0
Decane, 5-propyl-	10.90	32.4	ng	1784630	4	11.50	1100170	20.0