

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113921.D
 Acq On : 23 Apr 2019 15:40
 Operator : JU/SJ
 Sample : K2193-11 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-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-BF042219.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	5.516	578	583	596	rVB	1236002	1238555	29.43%	1.954%
2	6.157	689	692	699	rVV3	129210	175704	4.18%	0.277%
3	6.345	719	724	728	rBV3	121422	156560	3.72%	0.247%
4	6.440	736	740	742	rVV3	234097	248856	5.91%	0.393%
5	6.516	746	753	758	rBV	1439779	1531495	36.40%	2.416%
6	6.587	762	765	767	rBV2	153041	137945	3.28%	0.218%
7	6.663	771	778	783	rBV	1641060	1699924	40.40%	2.681%
8	6.739	787	791	794	rBV	751545	737909	17.54%	1.164%
9	6.845	803	809	810	rBV3	79734	130549	3.10%	0.206%
10	6.898	815	818	820	rVV	2221713	1823375	43.33%	2.876%
11	6.916	820	821	826	rVB2	359990	266017	6.32%	0.420%
12	6.957	826	828	833	rVB2	340037	347479	8.26%	0.548%
13	7.016	836	838	841	rVB2	138688	124545	2.96%	0.196%
14	7.051	841	844	847	rBV	1563687	1376369	32.71%	2.171%
15	7.081	847	849	852	rVB2	145841	143262	3.40%	0.226%
16	7.175	863	865	868	rVB2	564632	550555	13.08%	0.868%
17	7.216	868	872	874	rBV2	512360	556366	13.22%	0.878%
18	7.239	874	876	880	rVB2	362035	307631	7.31%	0.485%
19	7.292	881	885	889	rBV3	651006	685675	16.30%	1.082%
20	7.328	889	891	895	rVB2	105997	121807	2.89%	0.192%
21	7.451	905	912	916	rBV4	1115694	1740199	41.36%	2.745%
22	7.498	916	920	924	rVB	1667201	1569865	37.31%	2.476%
23	7.551	924	929	932	rVB3	499899	727091	17.28%	1.147%
24	7.587	932	935	936	rBV2	276211	315445	7.50%	0.498%
25	7.610	937	939	942	rVB2	185866	184581	4.39%	0.291%
26	7.663	944	948	950	rBV3	99120	142633	3.39%	0.225%
27	7.692	950	953	954	rVV2	251905	299262	7.11%	0.472%
28	7.710	954	956	959	rVB2	510571	417549	9.92%	0.659%
29	7.739	959	961	964	rVB2	138579	120600	2.87%	0.190%
30	7.787	964	969	970	rBV3	299930	314354	7.47%	0.496%
31	7.804	970	972	974	rVV2	364745	261324	6.21%	0.412%
32	7.828	974	976	979	rVB3	398419	353337	8.40%	0.557%
33	7.869	979	983	986	rVB3	477065	561728	13.35%	0.886%
34	7.898	986	988	990	rBV	651600	609781	14.49%	0.962%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	7.922	990	992	993	rVV2	521479	461878	10.98%	0.729%
36	7.934	993	994	999	rVB3	651974	729018	17.33%	1.150%
37	7.981	999	1002	1004	rBV3	471201	464412	11.04%	0.733%
38	8.004	1004	1006	1007	rVV2	200095	176550	4.20%	0.278%
39	8.022	1007	1009	1012	rVB	606028	470245	11.18%	0.742%
40	8.051	1012	1014	1018	rBV3	270052	315545	7.50%	0.498%
41	8.086	1018	1020	1024	rBV3	174326	178022	4.23%	0.281%
42	8.139	1024	1029	1031	rBV4	336326	559193	13.29%	0.882%
43	8.181	1031	1036	1039	rVV2	2773445	4207771	100.00%	6.637%
44	8.245	1042	1047	1050	rVB2	980252	1168433	27.77%	1.843%
45	8.275	1050	1052	1054	rBV2	383476	347578	8.26%	0.548%
46	8.339	1060	1063	1065	rBV3	232301	266757	6.34%	0.421%
47	8.381	1068	1070	1074	rVB3	394417	478339	11.37%	0.755%
48	8.475	1081	1086	1089	rBV3	820895	1025022	24.36%	1.617%
49	8.528	1093	1095	1098	rVB3	663949	613475	14.58%	0.968%
50	8.563	1098	1101	1104	rBV2	820902	817565	19.43%	1.290%
51	8.604	1104	1108	1110	rVV3	883269	887960	21.10%	1.401%
52	8.628	1110	1112	1114	rVV2	347937	276961	6.58%	0.437%
53	8.651	1114	1116	1118	rVB2	417104	324169	7.70%	0.511%
54	8.686	1118	1122	1125	rBV2	967383	898179	21.35%	1.417%
55	8.728	1127	1129	1131	rBV3	195628	165157	3.93%	0.261%
56	8.775	1134	1137	1141	rBV	2071708	1962421	46.64%	3.095%
57	8.816	1141	1144	1145	rVV3	244626	288403	6.85%	0.455%
58	8.839	1146	1148	1150	rVV2	498711	472712	11.23%	0.746%
59	8.875	1150	1154	1156	rVB3	426612	506779	12.04%	0.799%
60	8.933	1161	1164	1166	rBV3	233460	185056	4.40%	0.292%
61	8.975	1166	1171	1172	rBV6	175067	297417	7.07%	0.469%
62	9.004	1173	1176	1181	rVB4	431000	422741	10.05%	0.667%
63	9.057	1183	1185	1189	rBV4	303702	432060	10.27%	0.682%
64	9.139	1197	1199	1203	rVB2	487998	435842	10.36%	0.687%
65	9.181	1203	1206	1208	rBV	451646	387071	9.20%	0.611%
66	9.204	1208	1210	1215	rVV3	685680	780219	18.54%	1.231%
67	9.251	1215	1218	1221	rVV	1844654	1479520	35.16%	2.334%
68	9.298	1224	1226	1229	rVB3	146270	124908	2.97%	0.197%
69	9.339	1229	1233	1237	rBV	1701785	1558593	37.04%	2.458%
70	9.381	1238	1240	1242	rVV3	212922	265249	6.30%	0.418%
71	9.410	1242	1245	1250	rVB4	357854	476166	11.32%	0.751%

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72	9.498	1257	1260	1261	rBV2	155134	163689	3.89%	0.258%
73	9.592	1270	1276	1278	rBV6	379529	564387	13.41%	0.890%
74	9.616	1278	1280	1282	rVV	379532	298226	7.09%	0.470%
75	9.657	1282	1287	1289	rVV3	516528	877079	20.84%	1.383%
76	9.680	1289	1291	1294	rVV2	438999	398273	9.47%	0.628%
77	9.716	1295	1297	1300	rVB2	351247	282448	6.71%	0.446%
78	9.869	1320	1323	1326	rVB	921502	685013	16.28%	1.081%
79	9.910	1327	1330	1331	rBV3	153147	137898	3.28%	0.218%
80	9.933	1331	1334	1338	rVB	2529981	2456848	58.39%	3.875%
81	10.104	1359	1363	1365	rBV3	104608	159308	3.79%	0.251%
82	10.186	1374	1377	1382	rVB5	128323	195900	4.66%	0.309%
83	10.257	1385	1389	1392	rBV3	84081	120972	2.87%	0.191%
84	10.363	1402	1407	1410	rBV	381201	368211	8.75%	0.581%
85	10.586	1440	1445	1450	rVB2	94145	135698	3.22%	0.214%
86	10.716	1463	1467	1471	rBV	917985	814872	19.37%	1.285%
87	10.839	1485	1488	1496	rVB	186437	236621	5.62%	0.373%
88	11.416	1582	1586	1589	rBV	2538460	2296530	54.58%	3.622%
89	11.939	1672	1675	1679	rVB2	284867	257542	6.12%	0.406%
90	12.504	1767	1771	1776	rBV3	94585	128767	3.06%	0.203%
91	12.627	1788	1792	1795	rBV	443752	380718	9.05%	0.601%
92	12.721	1805	1808	1816	rBV2	214745	278076	6.61%	0.439%
93	12.857	1827	1831	1833	rBV	361906	309366	7.35%	0.488%
94	12.998	1851	1855	1858	rBV	1629473	1324916	31.49%	2.090%
95	14.063	2030	2036	2038	rBV	2403446	2671132	63.48%	4.213%
96	14.080	2038	2039	2042	rVB	218071	142567	3.39%	0.225%
97	14.857	2168	2171	2173	rBV2	127409	136488	3.24%	0.215%
98	15.115	2212	2215	2218	rBV	175070	243796	5.79%	0.385%
99	15.198	2227	2229	2232	rVB	136654	130090	3.09%	0.205%
100	15.562	2285	2291	2294	rBV	1666807	2315695	55.03%	3.653%

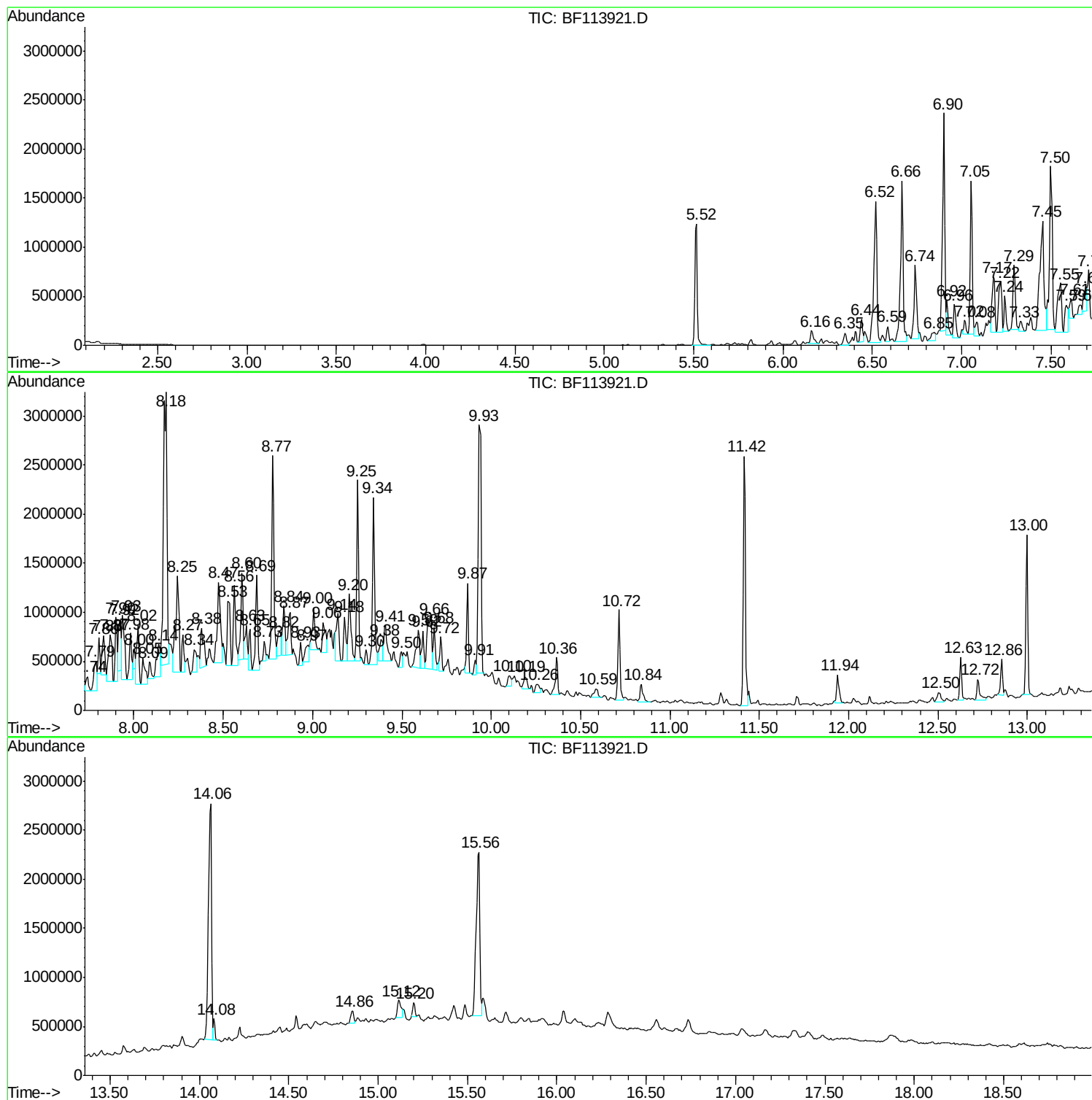
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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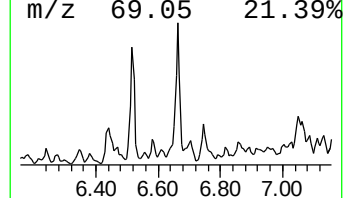
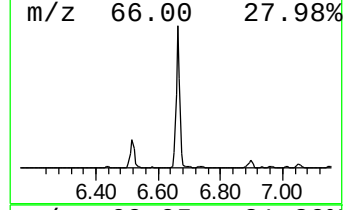
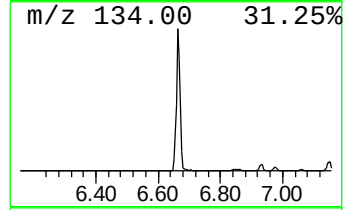
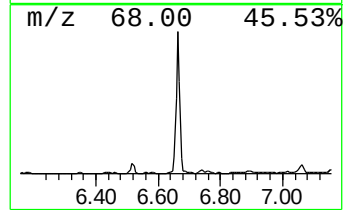
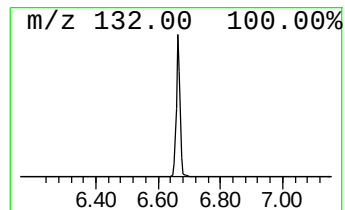
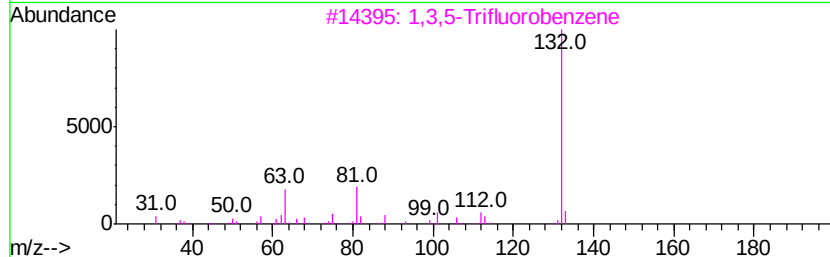
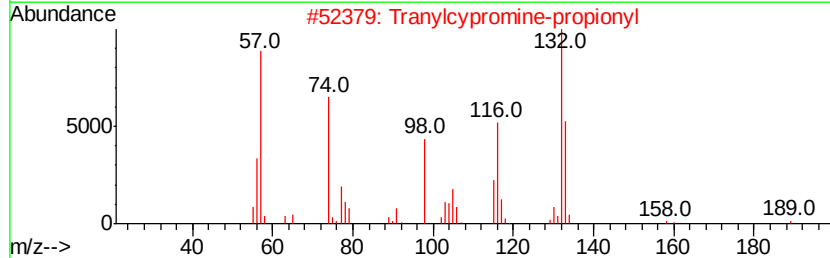
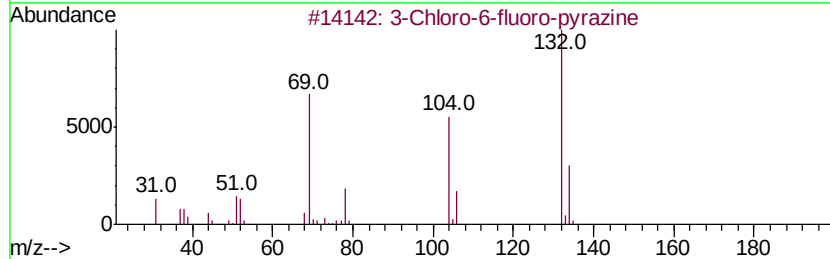
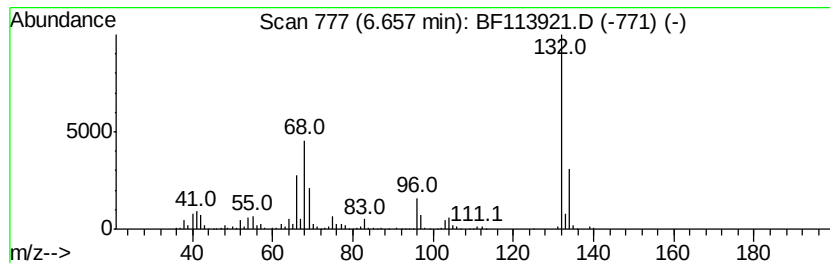
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	18.65 ng	1699920	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2		Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3		1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9



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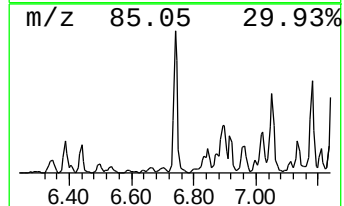
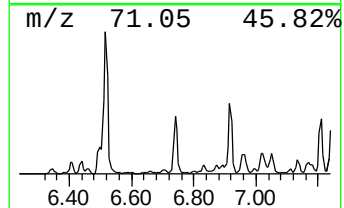
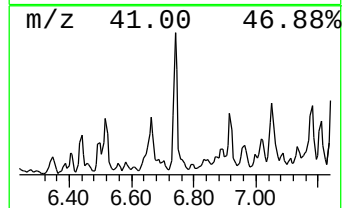
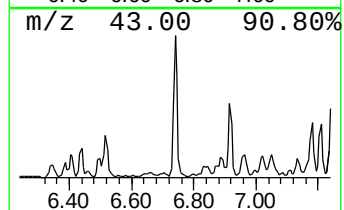
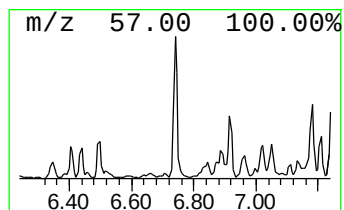
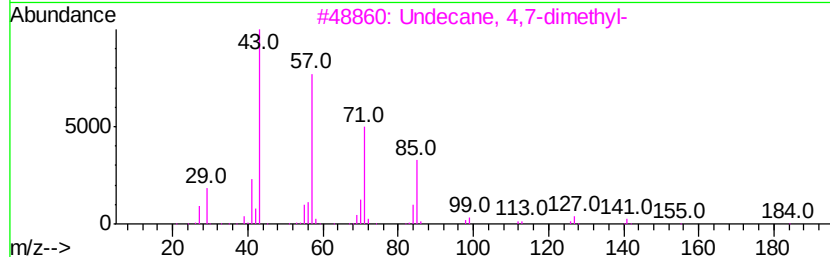
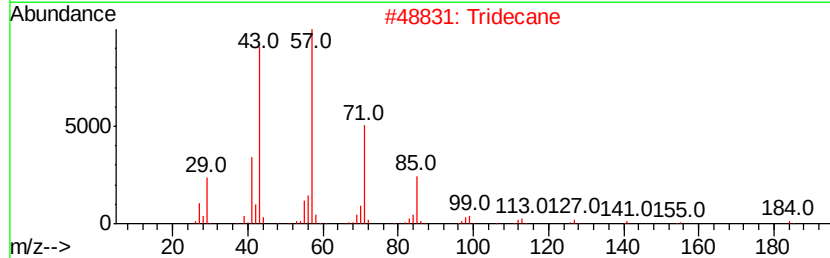
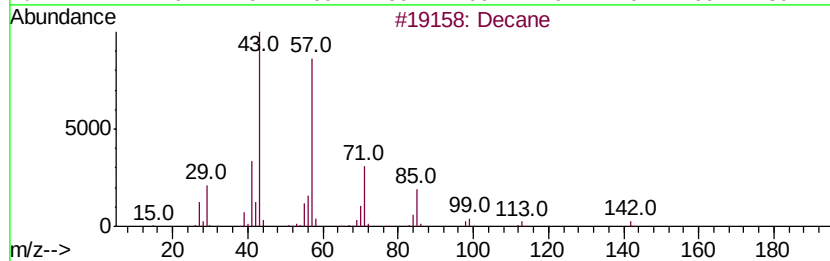
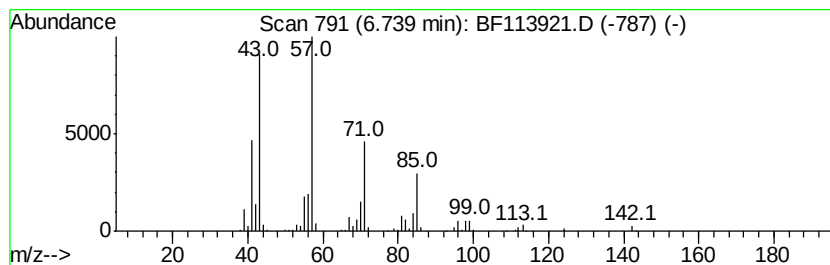
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Decane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	8.09 ng	737909	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	94
2		Tridecane	184	C13H28	000629-50-5	86
3		Undecane, 4,7-dimethyl-	184	C13H28	017301-32-5	83
4		Undecane	156	C11H24	001120-21-4	78
5		Hexadecane	226	C16H34	000544-76-3	72



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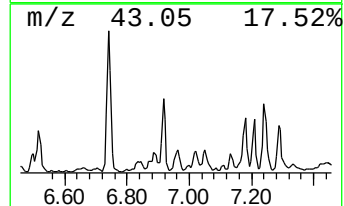
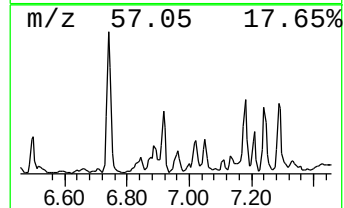
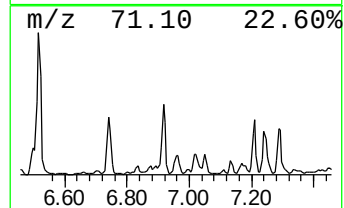
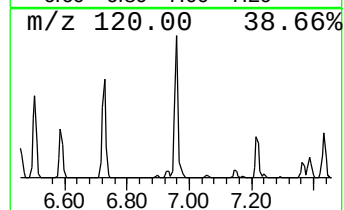
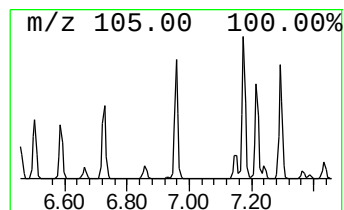
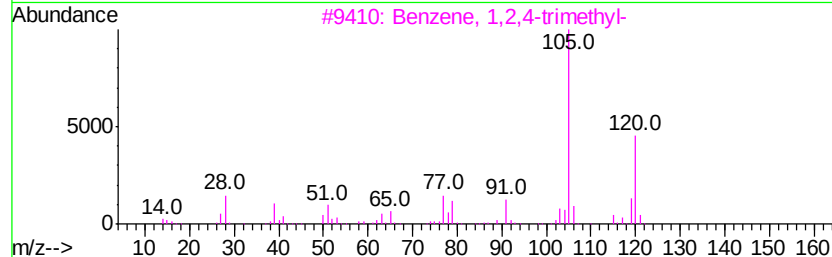
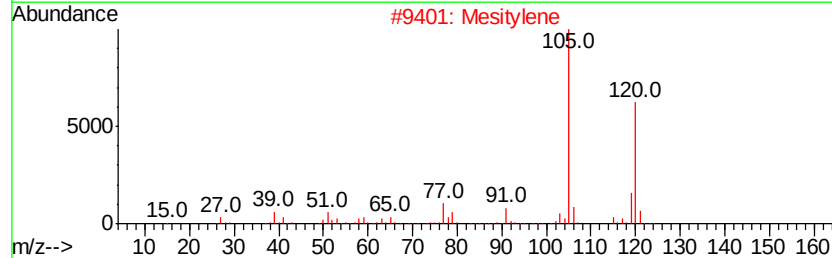
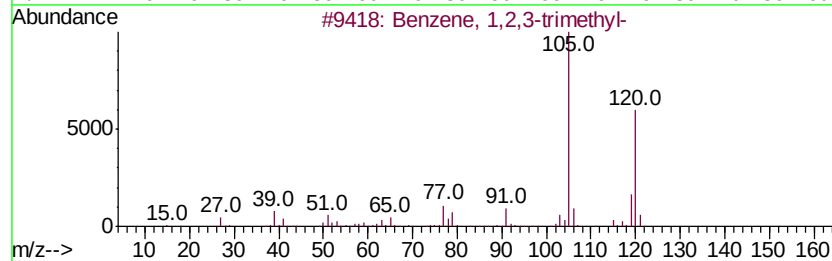
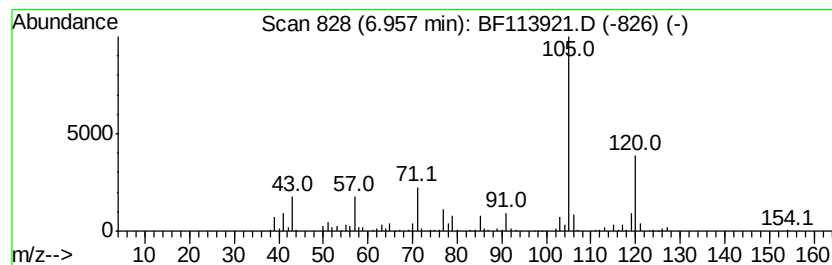
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	3.81 ng	347479	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
2		Mesitylene	120	C9H12	000108-67-8	93
3		Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	81
4		Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	81
5		Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	76



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Data File : BF113921.D
Acq On : 23 Apr 2019 15:40
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
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Instrument :
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ClientSampleId :
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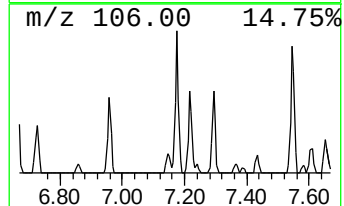
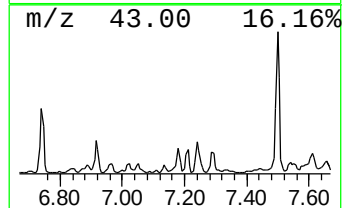
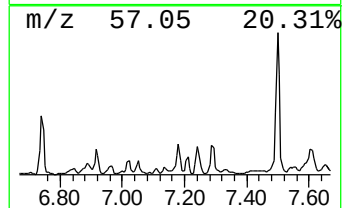
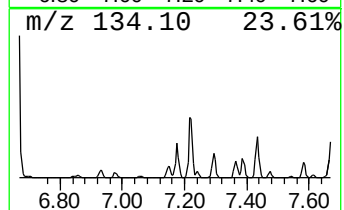
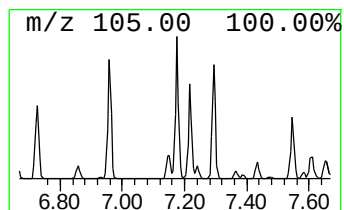
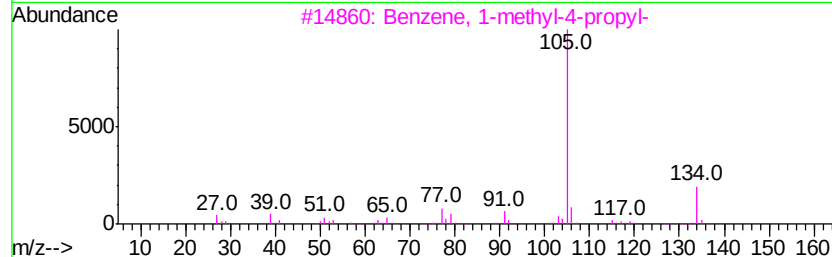
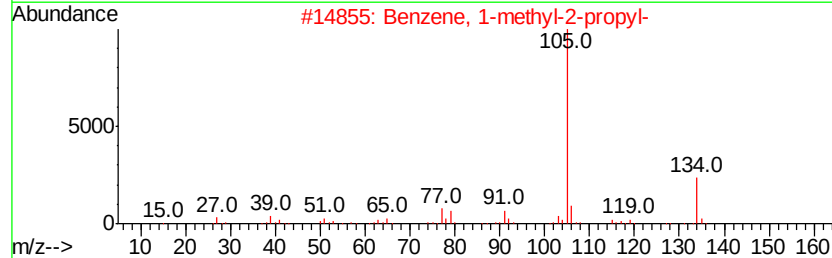
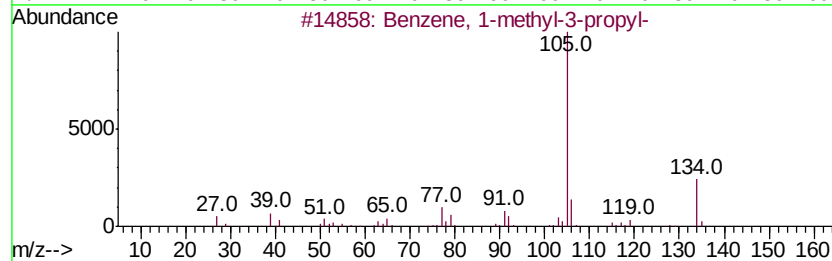
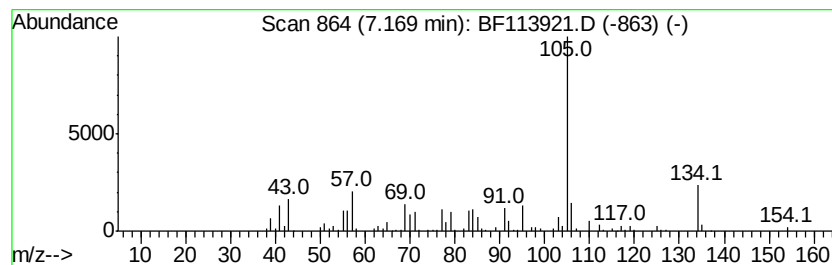
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Benzene, 1-methyl-3-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	6.04 ng	550555	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	93
2		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	92
3		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	64
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	58
5		Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	53



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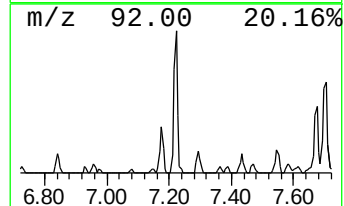
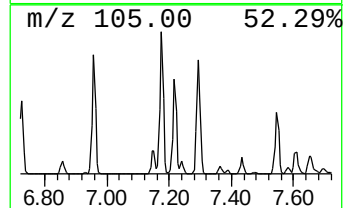
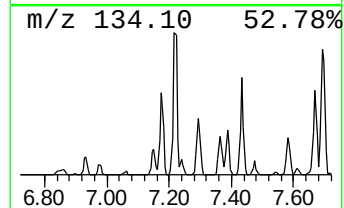
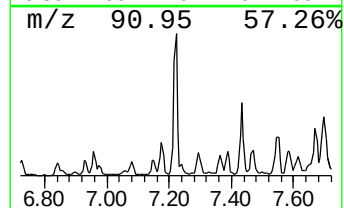
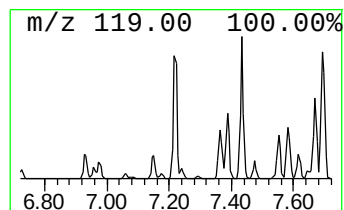
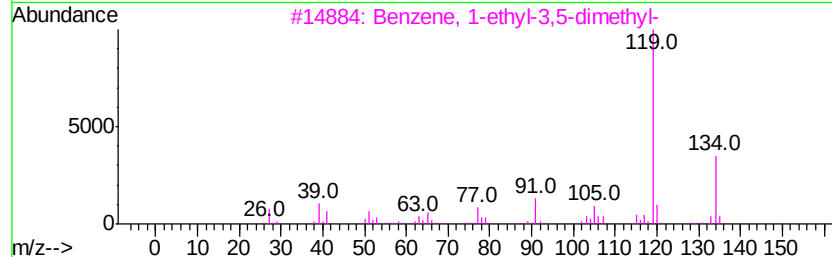
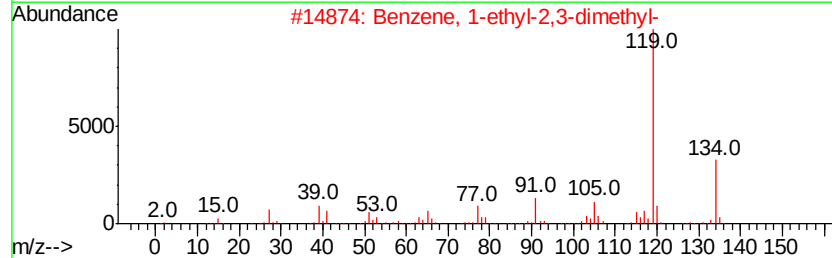
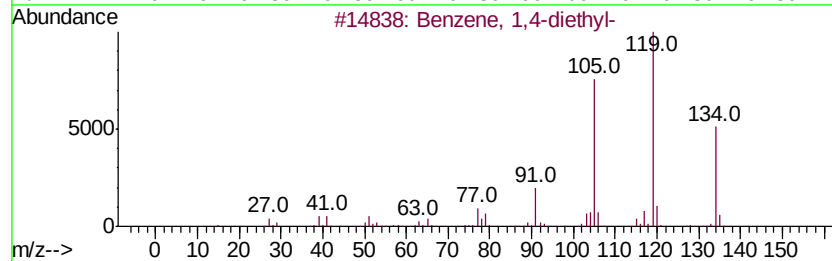
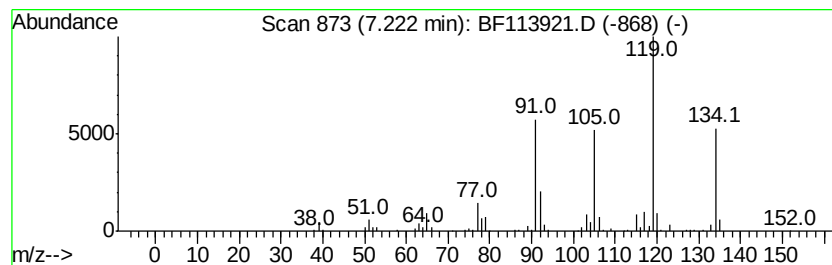
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1,4-diethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	6.10 ng	556366	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
4	o-Cymene	134	C10H14	000527-84-4	89
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	89



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
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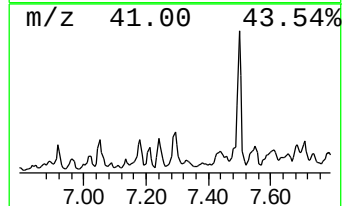
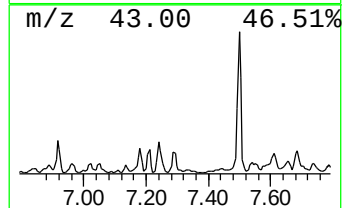
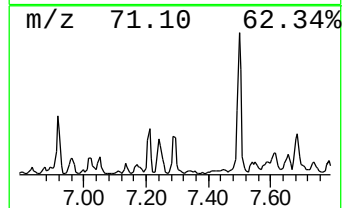
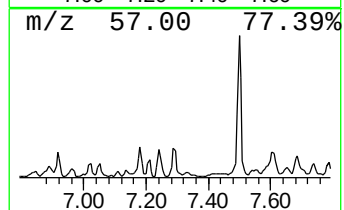
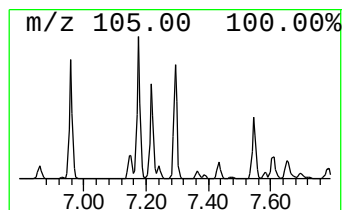
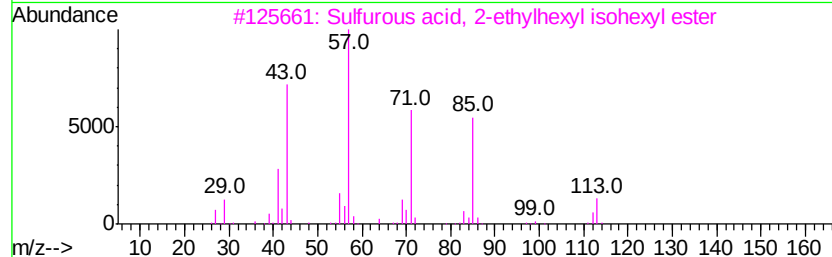
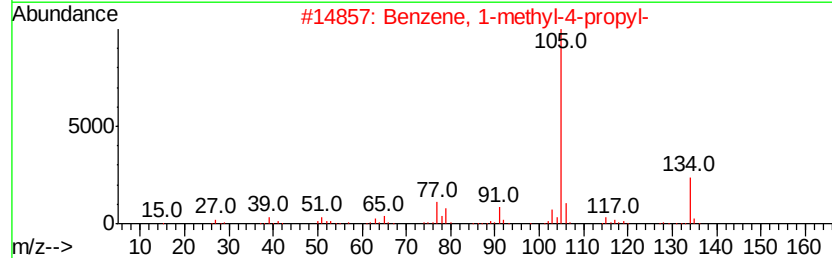
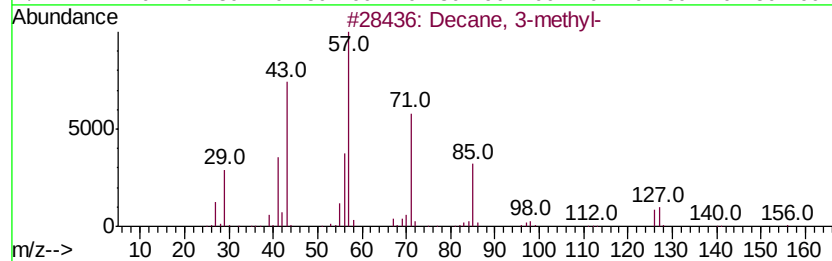
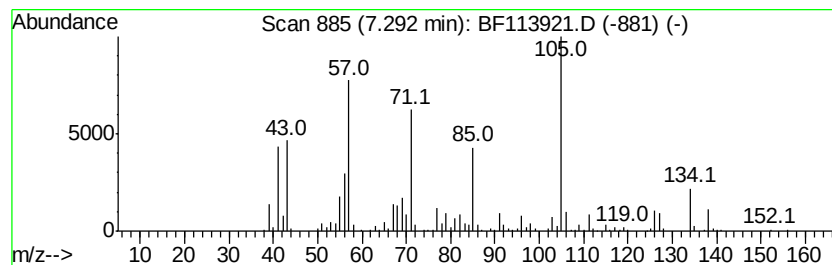
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Decane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.52 ng	685675	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	60
2		Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	56
3		Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	27
4		Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	25
5		Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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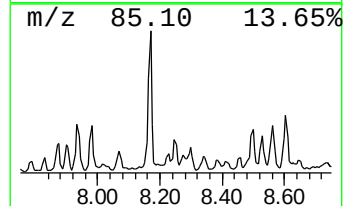
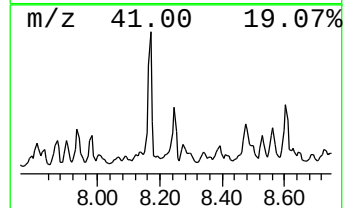
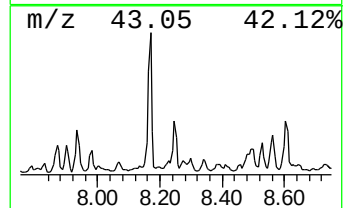
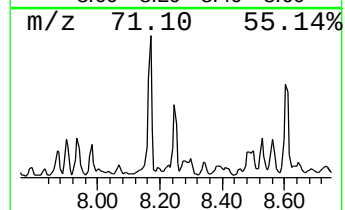
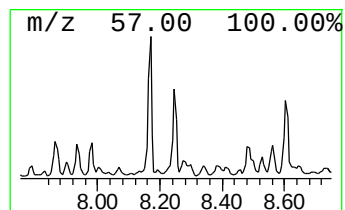
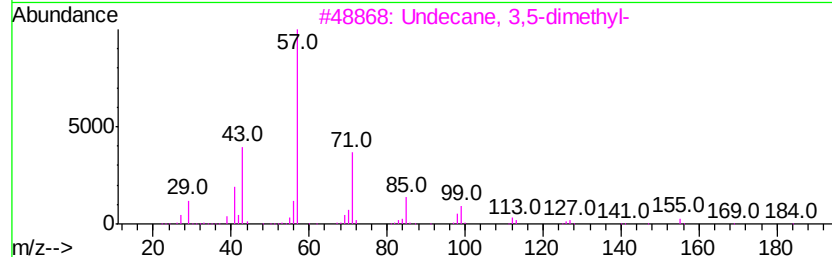
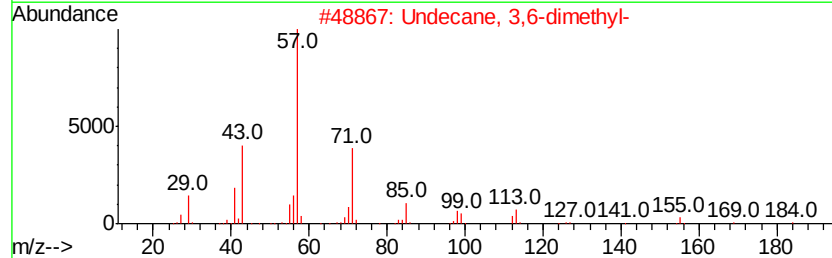
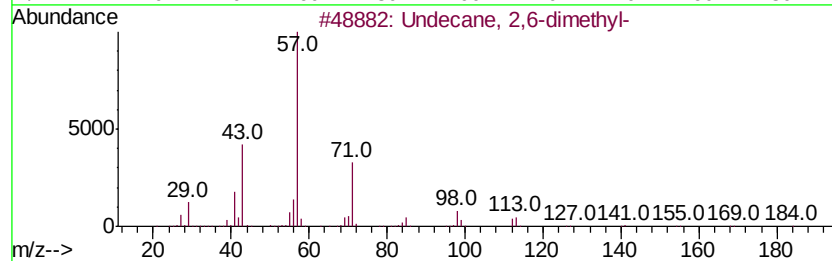
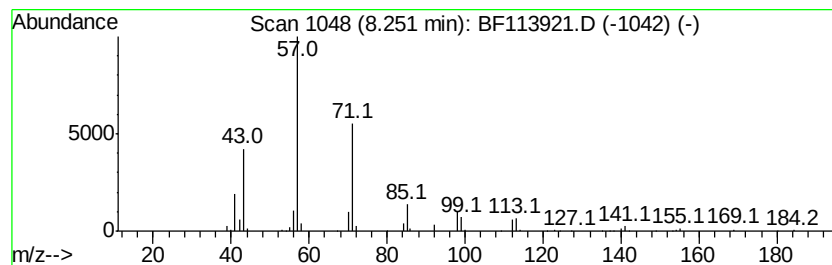
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.25	5.55 ng	1168430	Napthalene-d8	8.18	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	94
2	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	81
3	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
4	Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
5	Undecane, 6-ethyl-	184	C13H28	017312-60-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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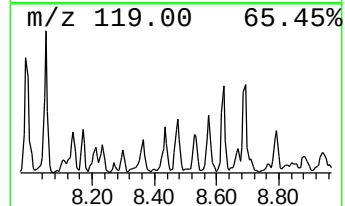
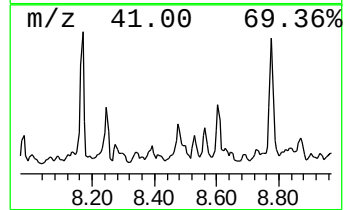
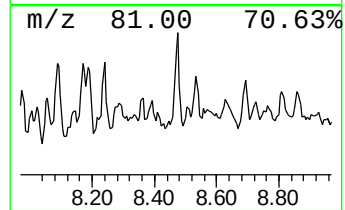
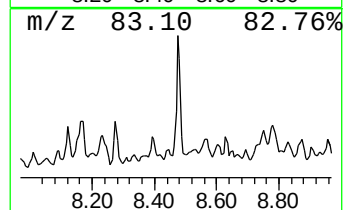
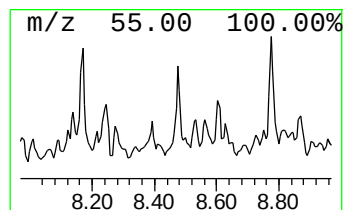
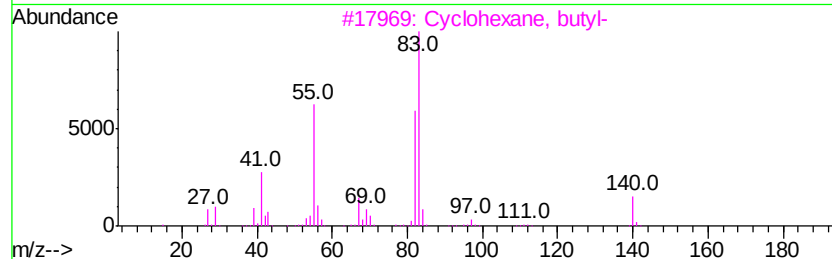
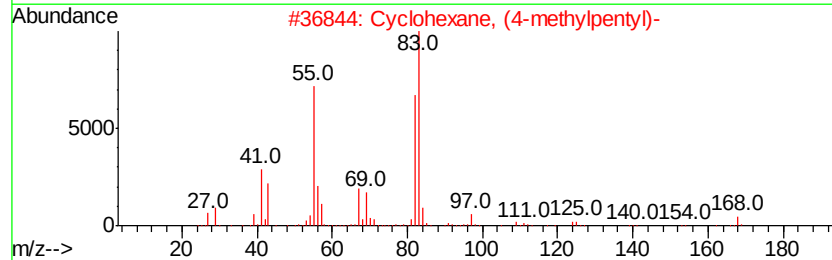
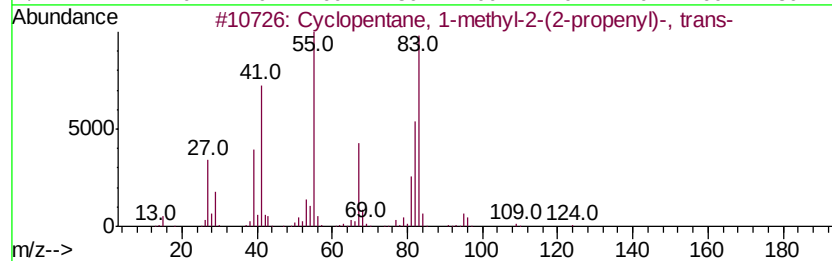
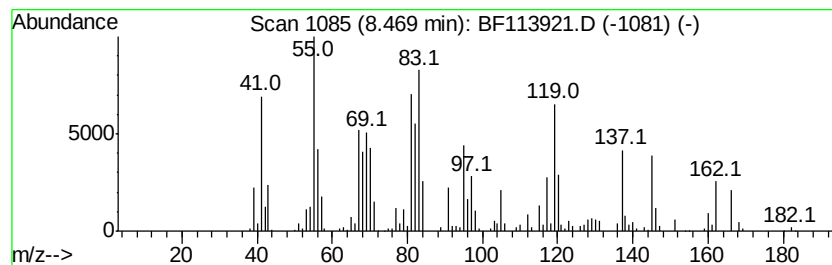
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 9 unknown8.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	4.87 ng	1025020	Napthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	43
2			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
3			Cyclohexane, butyl-	140	C10H20	001678-93-9	38
4			Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5			Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	35



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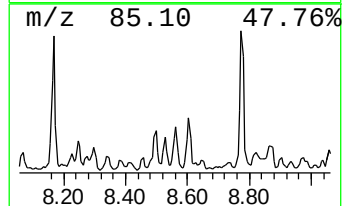
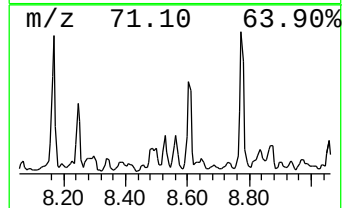
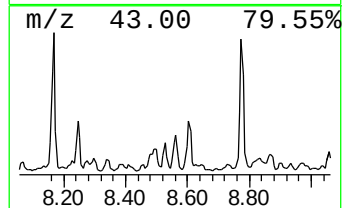
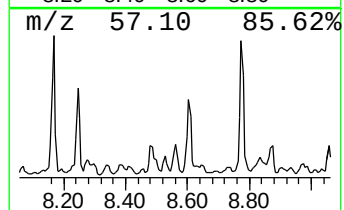
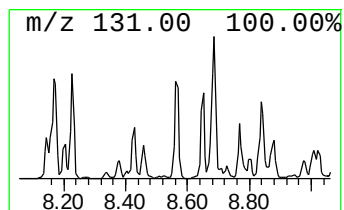
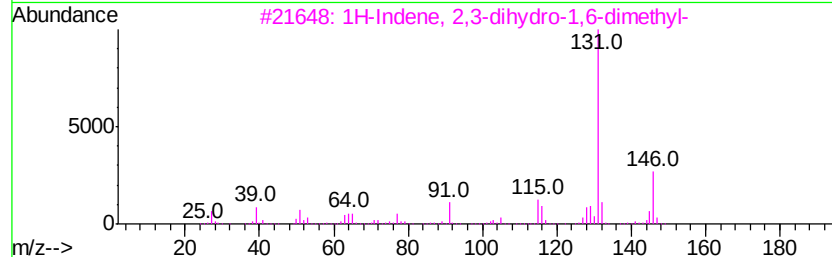
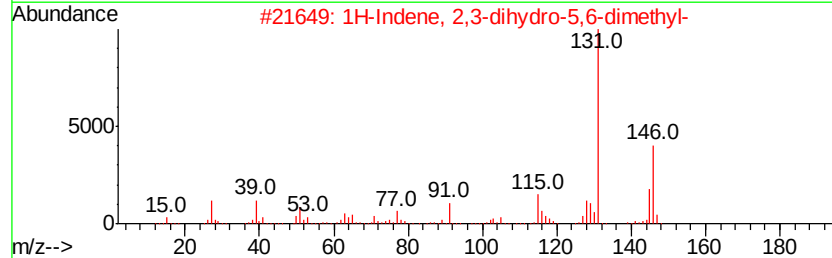
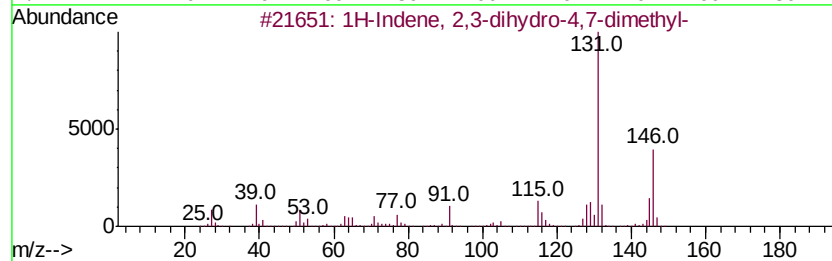
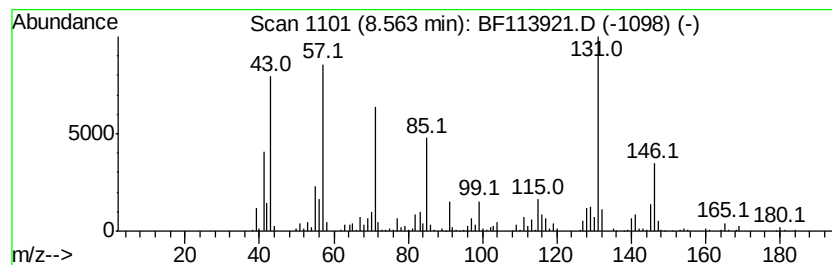
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	3.89 ng	817565	Napthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	95
2		1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	89
3		1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	70
4		1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	70
5		Bicyclo[4.2.0]octa-1,3,5-triene,...	146	C11H14	027087-54-3	55



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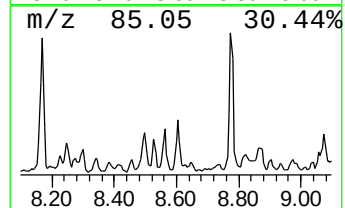
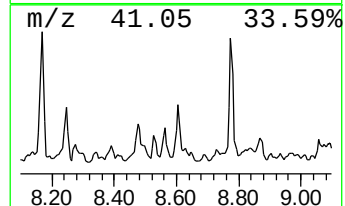
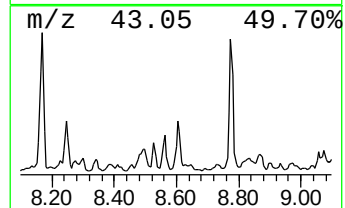
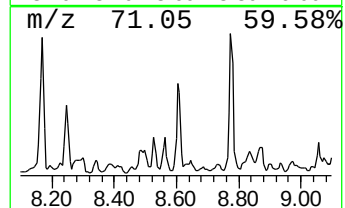
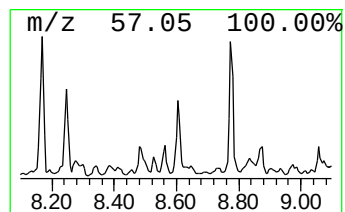
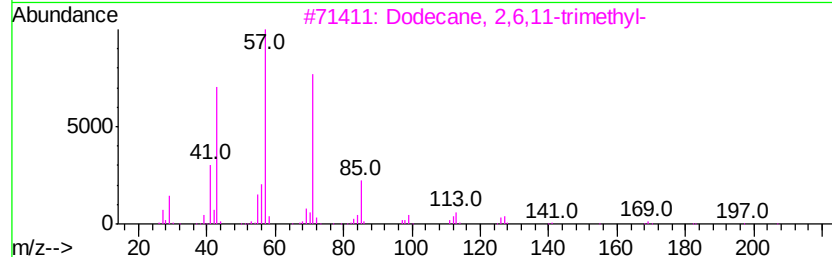
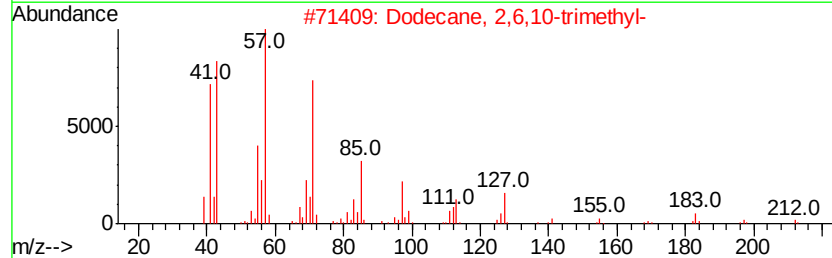
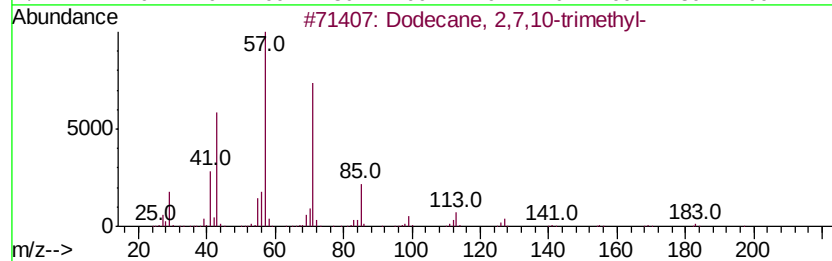
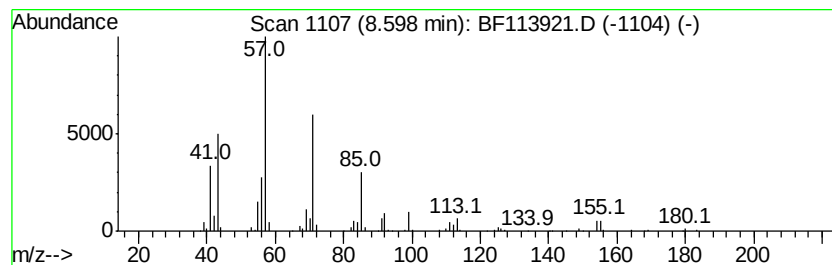
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 2,7,10-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.60	4.22 ng	887960	Napthalene-d8	8.18
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Dodecane, 2,7,10-trimethyl-	212 C15H32	074645-98-0	90
2	Dodecane, 2,6,10-trimethyl-	212 C15H32	003891-98-3	83
3	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	83
4	Dodecane, 4,6-dimethyl-	198 C14H30	061141-72-8	74
5	Oxalic acid, bis(2-ethylhexyl) e...	314 C18H34O4	1000309-39-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
Acq On : 23 Apr 2019 15:40
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

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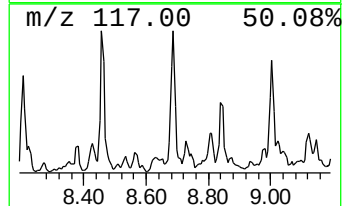
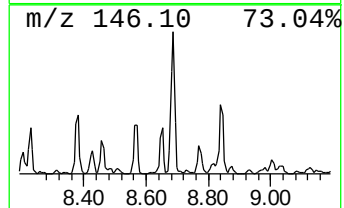
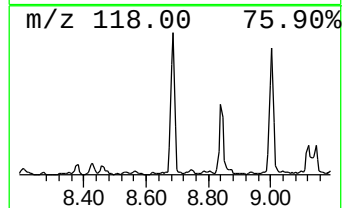
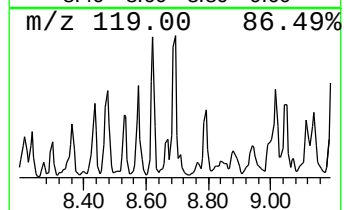
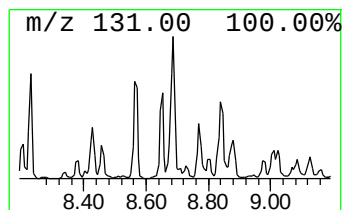
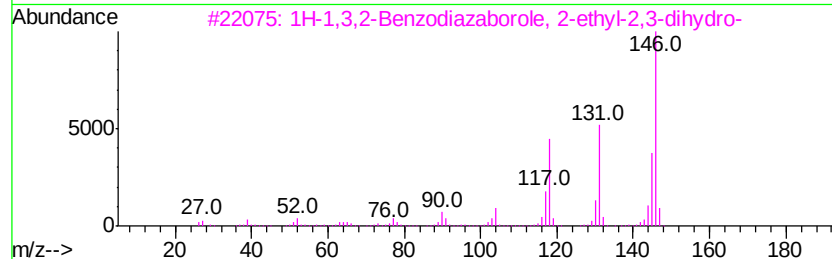
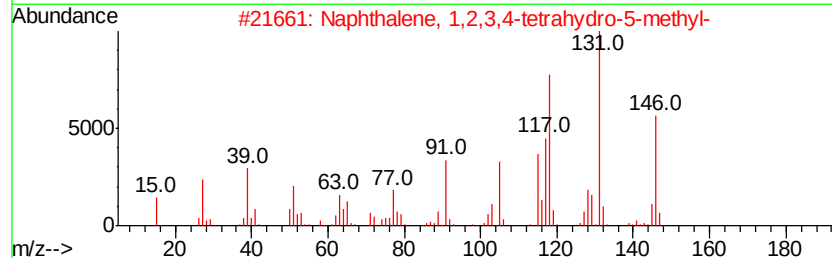
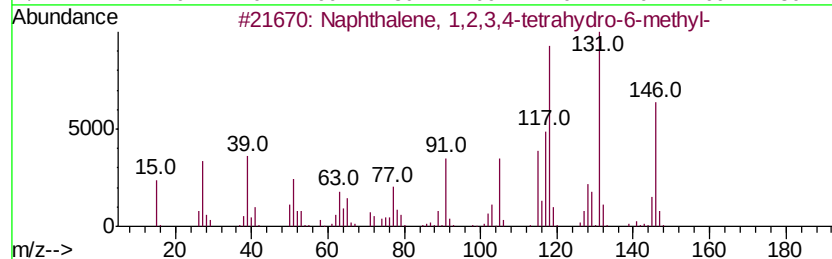
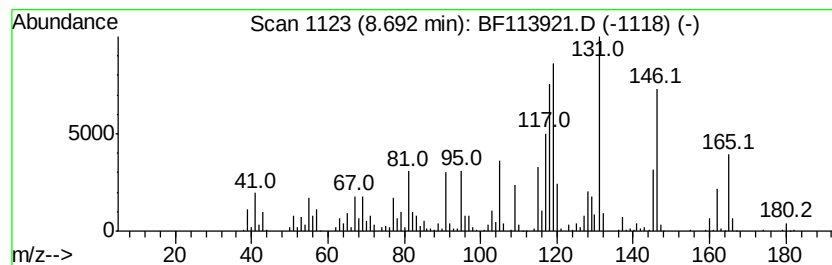
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Naphthalene, 1,2,3,4-tetra... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.69	4.27 ng	898179	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	95
2		Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	90
3		1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	72
4		Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	50
5		Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
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ALS Vial : 7 Sample Multiplier: 1

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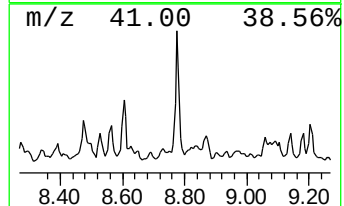
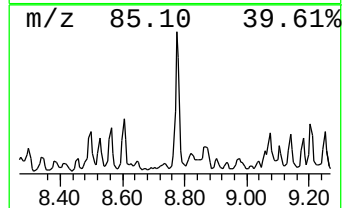
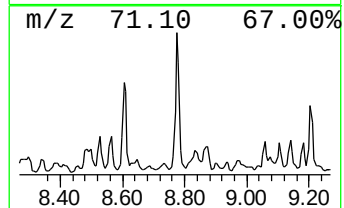
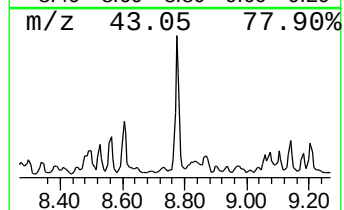
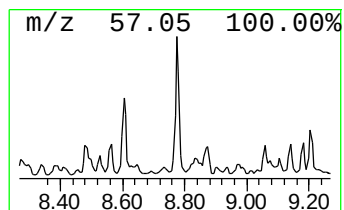
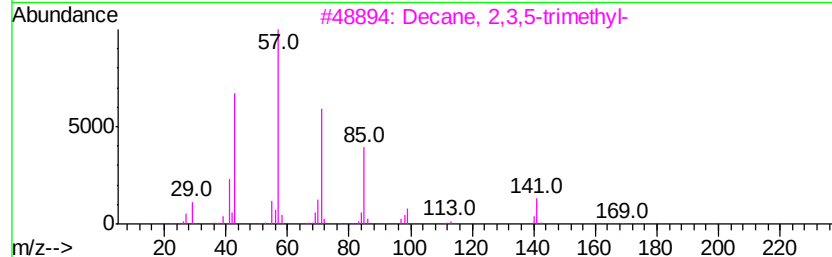
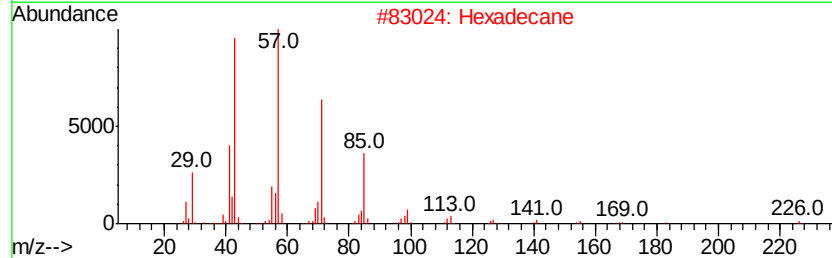
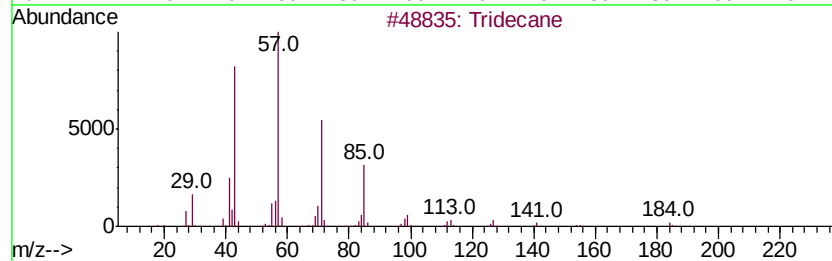
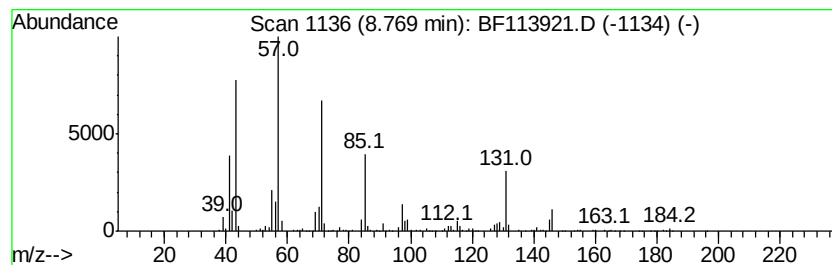
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	9.33 ng	1962420	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tridecane	184	C13H28	000629-50-5	96
2		Hexadecane	226	C16H34	000544-76-3	74
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72
4		Octacosane	394	C28H58	000630-02-4	72
5		Dodecane	170	C12H26	000112-40-3	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
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Sample : K2193-11 5X
Misc :
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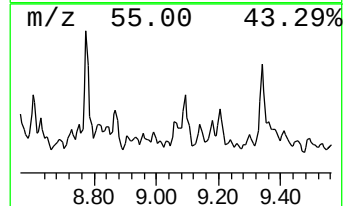
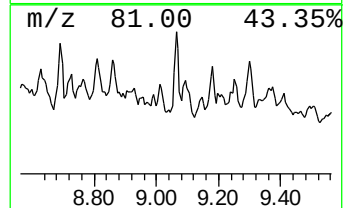
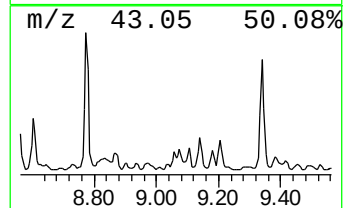
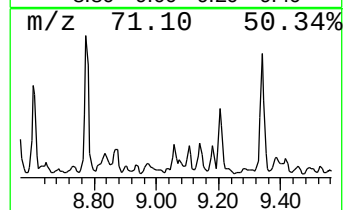
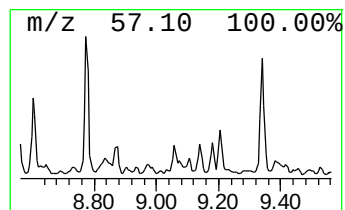
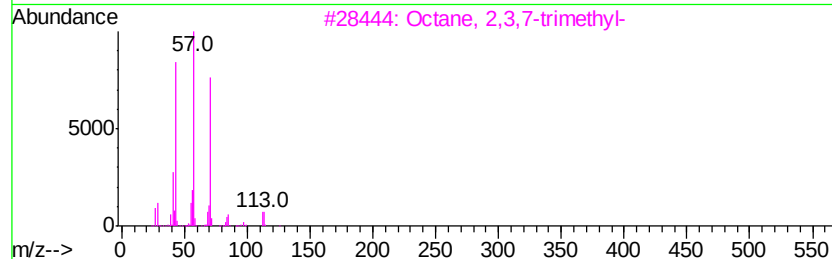
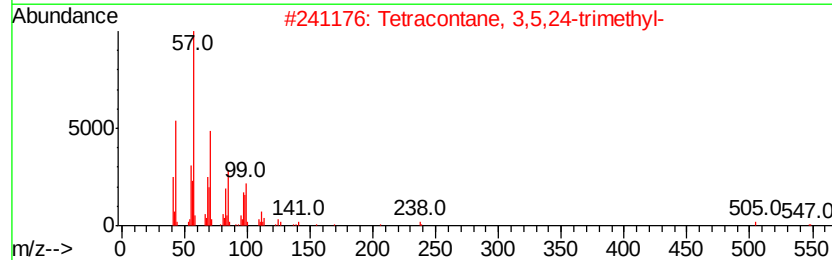
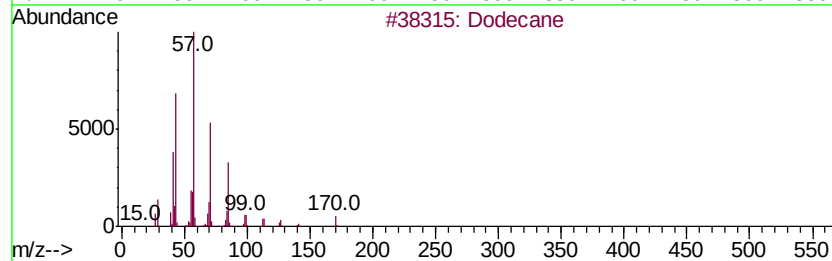
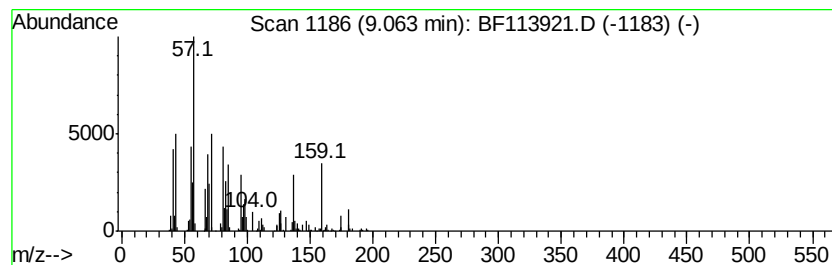
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Dodecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.06	3.52 ng	432060	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	53
2	Tetracontane, 3,5,24-trimethyl-	605	C43H88	055162-61-3	52
3	Octane, 2,3,7-trimethyl-	156	C11H24	062016-34-6	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Nonane, 5-(1-methylpropyl)-	184	C13H28	062185-54-0	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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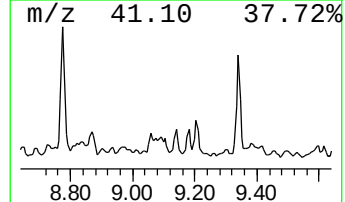
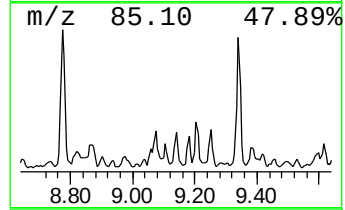
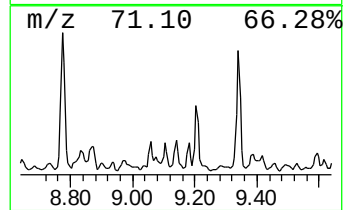
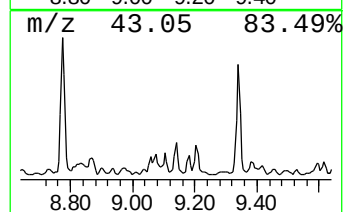
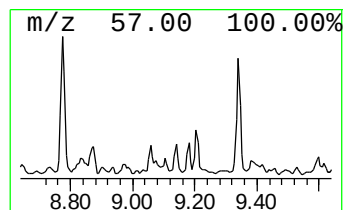
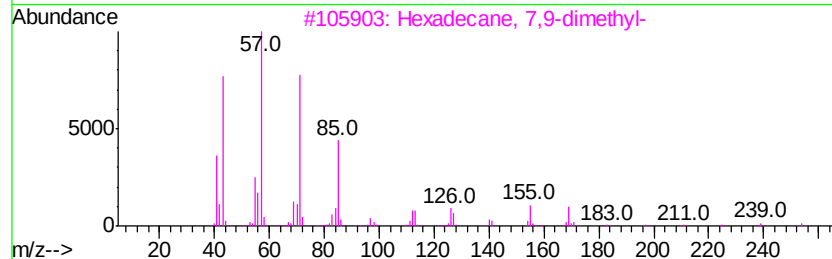
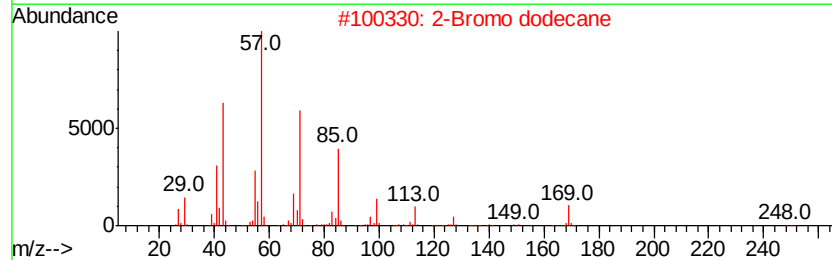
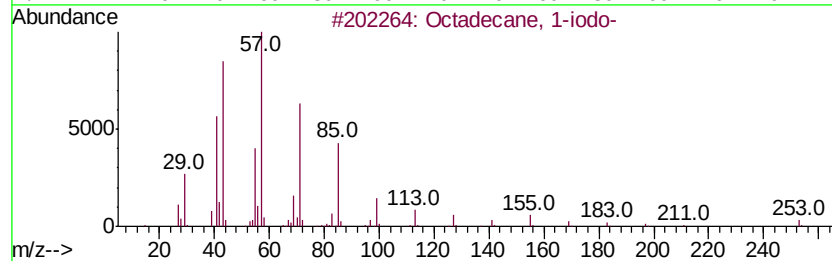
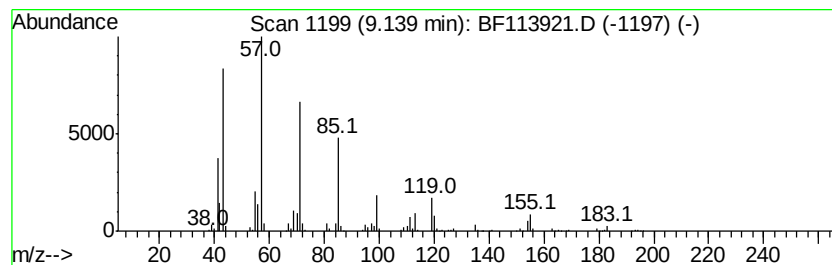
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane, 1-iodo- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.14	3.55 ng	435842	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
2	2-Bromo dodecane	248	C12H25Br	013187-99-0	72
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	72
4	Octacosane	394	C28H58	000630-02-4	64
5	Decane, 3-methyl-	156	C11H24	013151-34-3	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
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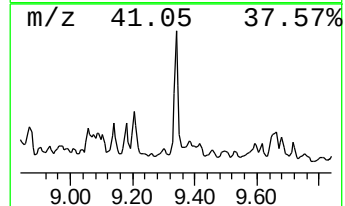
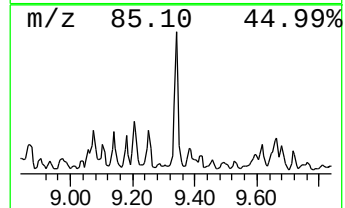
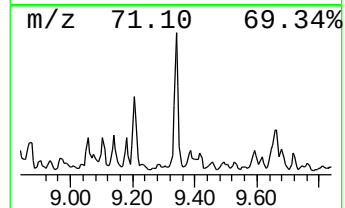
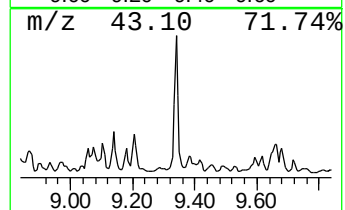
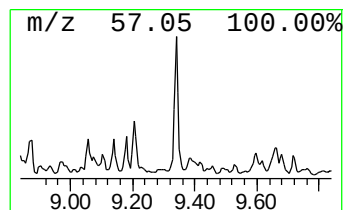
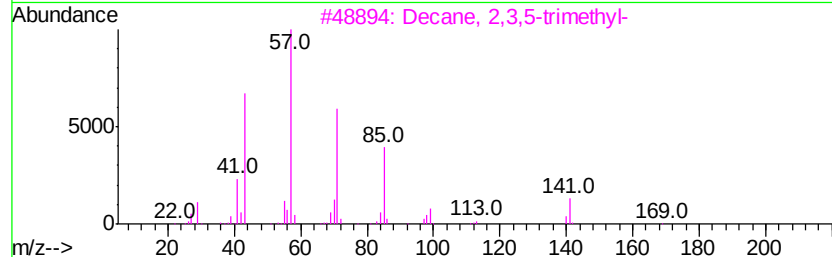
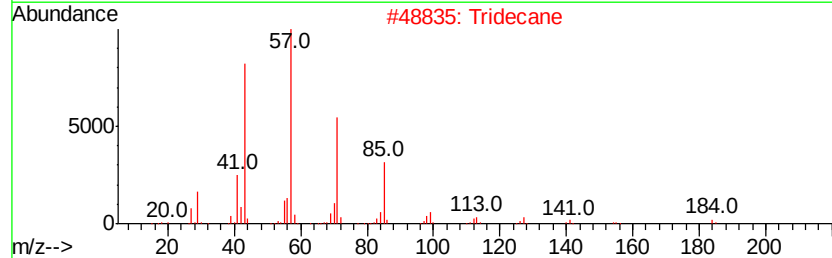
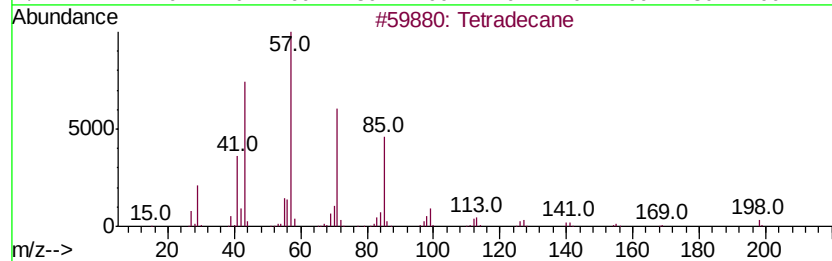
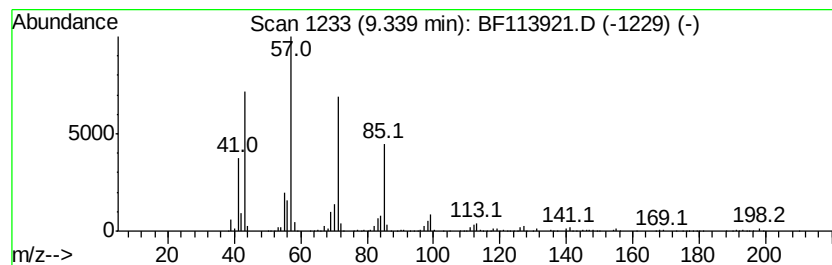
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetradecane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	12.69 ng	1558590	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Tridecane	184	C13H28	000629-50-5	90
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78
4		Pentadecane	212	C15H32	000629-62-9	78
5		Hexadecane	226	C16H34	000544-76-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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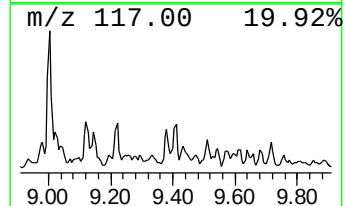
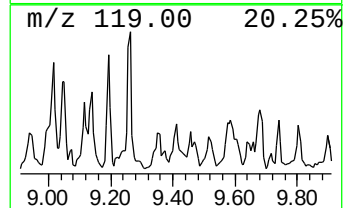
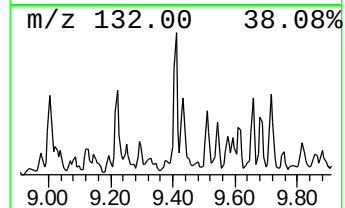
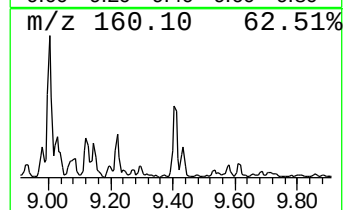
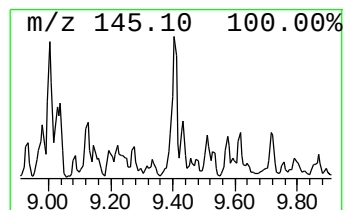
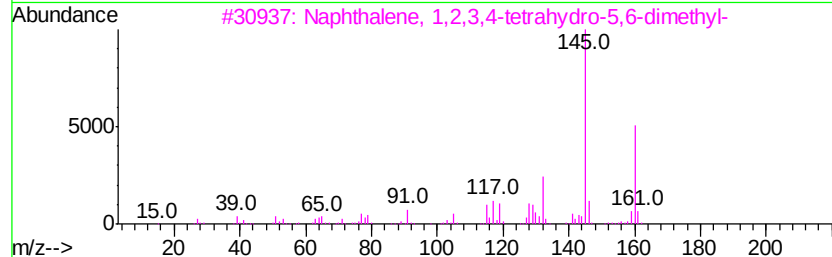
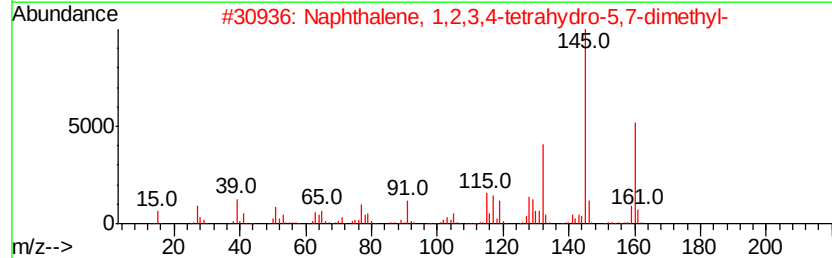
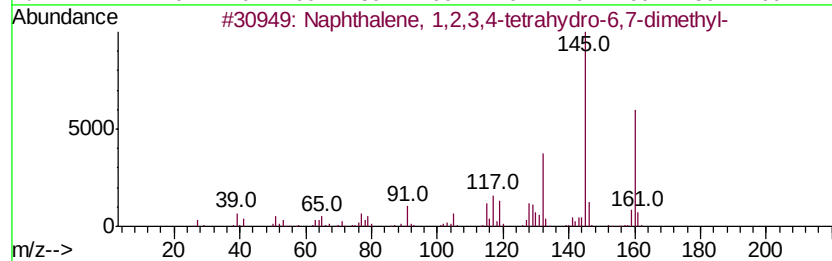
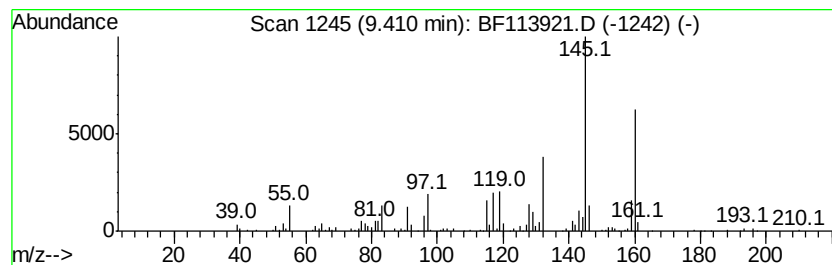
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.41	3.88 ng	476166	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	94
2		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	90
3		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	74
4		Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021564-91-0	70
5		Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	62



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
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Sample : K2193-11 5X
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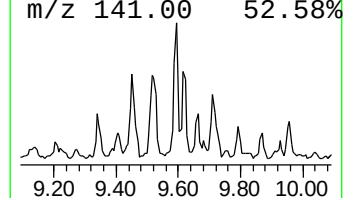
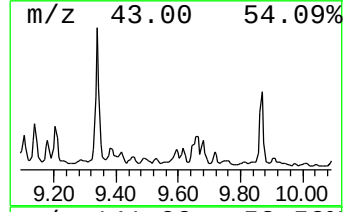
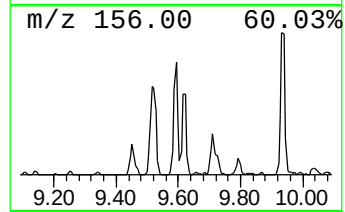
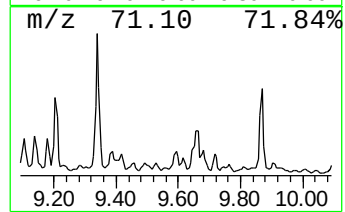
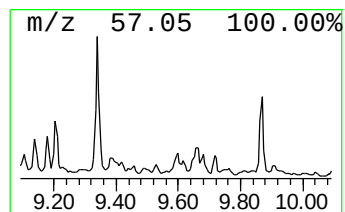
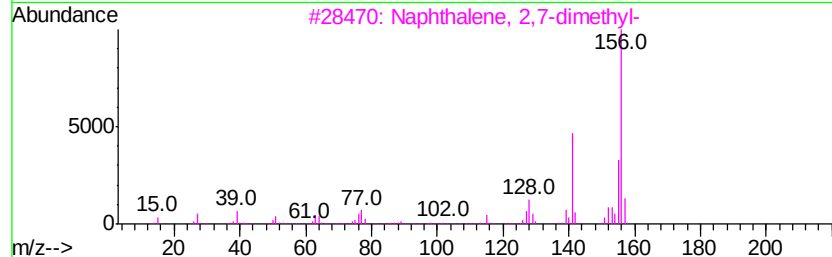
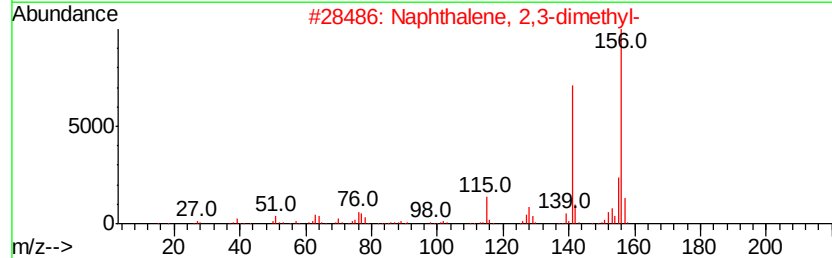
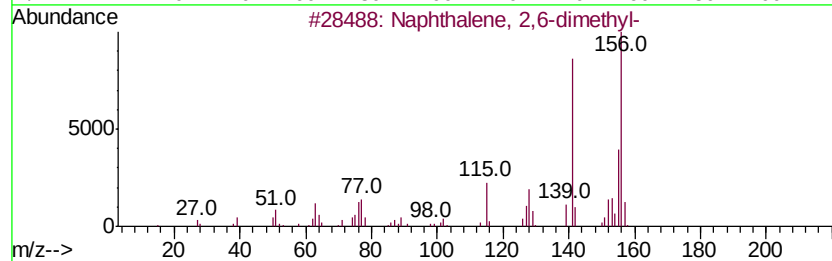
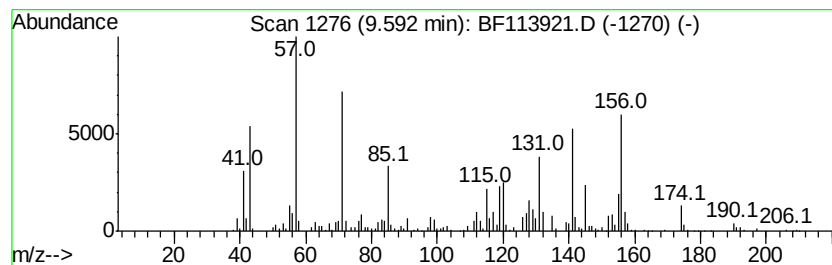
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Naphthalene, 2,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	4.59 ng	564387	Acenaphthene-d10	9.93
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Naphthalene, 2,6-dimethyl-	156 C12H12	000581-42-0 70
2		Naphthalene, 2,3-dimethyl-	156 C12H12	000581-40-8 70
3		Naphthalene, 2,7-dimethyl-	156 C12H12	000582-16-1 52
4		Naphthalene, 1,4-dimethyl-	156 C12H12	000571-58-4 38
5		Naphthalene, 1,8-dimethyl-	156 C12H12	000569-41-5 38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
Acq On : 23 Apr 2019 15:40
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

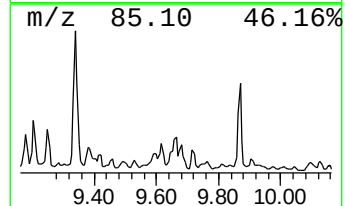
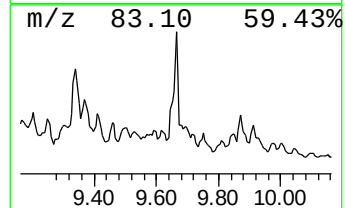
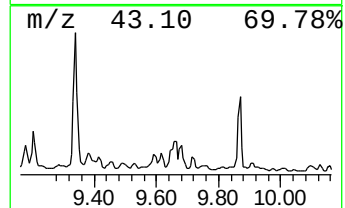
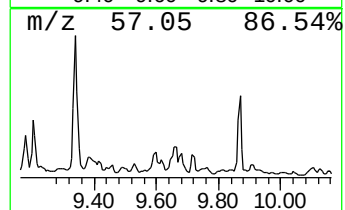
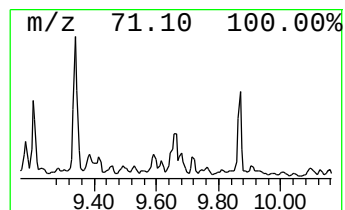
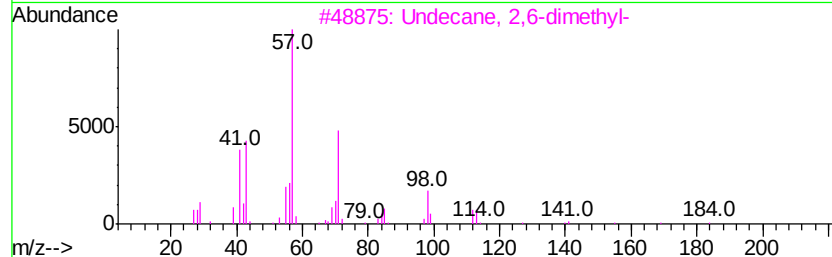
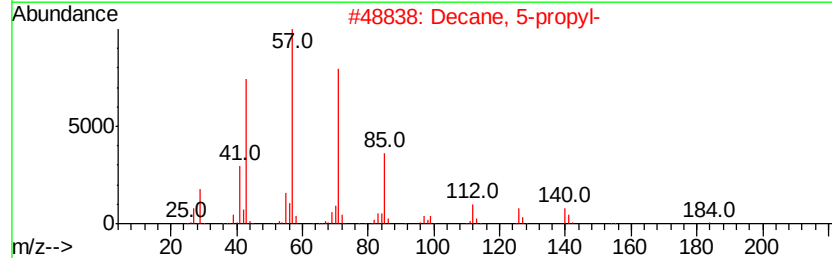
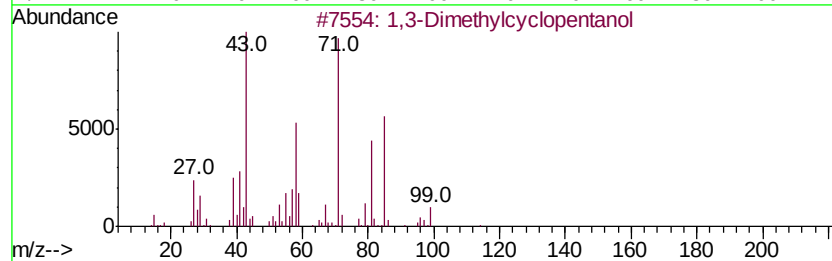
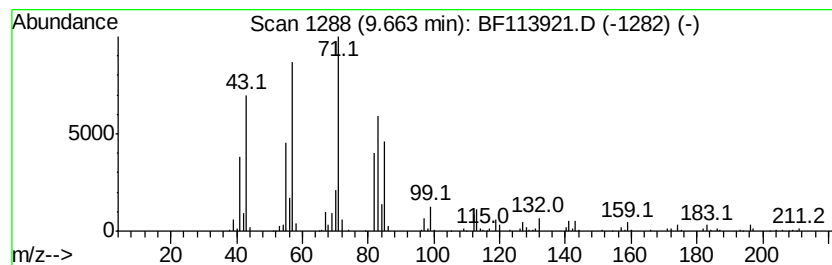
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 unknown9.66 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.66	7.14 ng	877079	Acenaphthene-d10	9.93

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3-Dimethylcyclopentanol	114	C7H14O	019550-46-0	49
2			Decane, 5-propyl-	184	C13H28	017312-62-8	49
3			Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49
4			Sulfurous acid, 2-pentyl undecyl...	306	C16H34O3S	1000309-16-0	47
5			Nonane, 4-methyl-5-propyl-	184	C13H28	062185-55-1	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
Data File : BF113921.D
Acq On : 23 Apr 2019 15:40
Operator : JU/SJ
Sample : K2193-11 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HR-05-041719-C

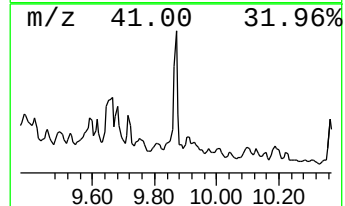
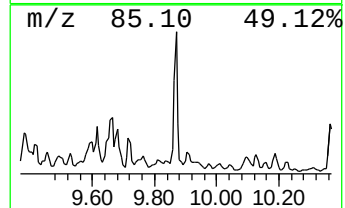
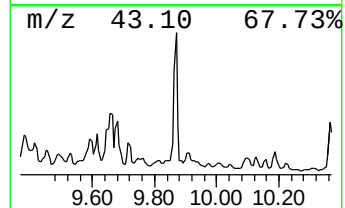
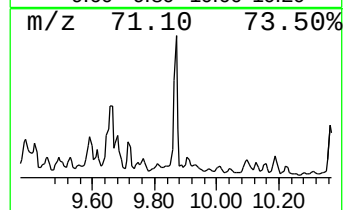
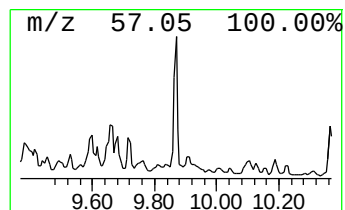
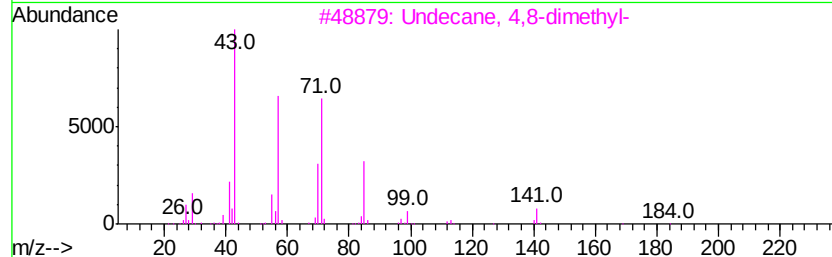
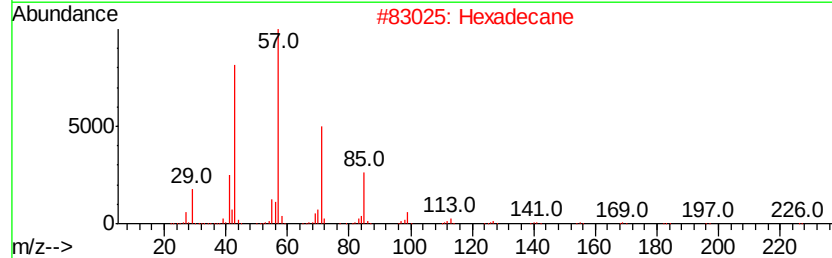
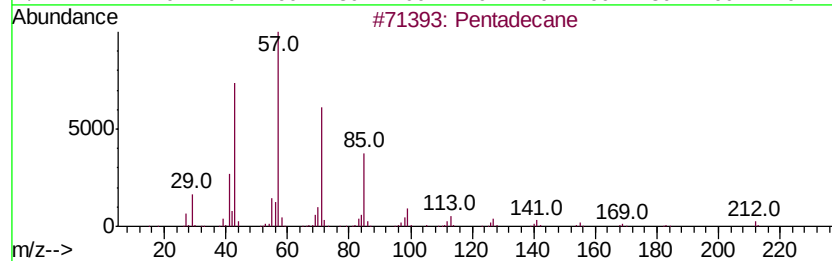
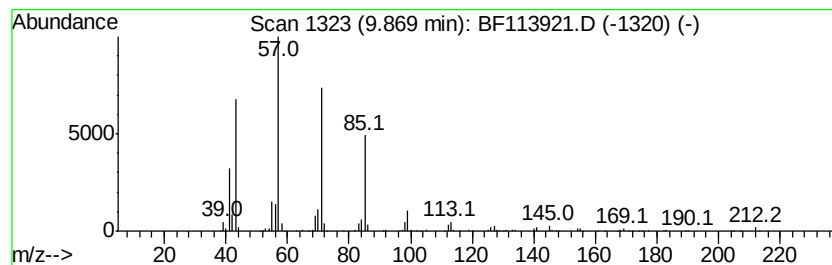
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	5.58 ng	685013	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	86
2		Hexadecane	226	C16H34	000544-76-3	80
3		Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	78
4		Nonane, 5-butyl-	184	C13H28	017312-63-9	72
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042319\
 Data File : BF113921.D
 Acq On : 23 Apr 2019 15:40
 Operator : JU/SJ
 Sample : K2193-11 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HR-05-041719-C

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown6.66	6.66	18.6	ng	1699920	1	6.90	1823380	20.0
Decane	6.74	8.1	ng	737909	1	6.90	1823380	20.0
Benzene, 1,2,3-tr...	6.96	3.8	ng	347479	1	6.90	1823380	20.0
Benzene, 1-methyl...	7.17	6.0	ng	550555	1	6.90	1823380	20.0
Benzene, 1,4-diet...	7.22	6.1	ng	556366	1	6.90	1823380	20.0
Decane, 3-methyl-	7.29	7.5	ng	685675	1	6.90	1823380	20.0
Undecane, 2,6-dim...	8.25	5.5	ng	1168430	2	8.18	4207770	20.0
unknown8.47	8.47	4.9	ng	1025020	2	8.18	4207770	20.0
1H-Indene, 2,3-di...	8.56	3.9	ng	817565	2	8.18	4207770	20.0
Dodecane, 2,7,10-...	8.60	4.2	ng	887960	2	8.18	4207770	20.0
Naphthalene, 1,2,...	8.69	4.3	ng	898179	2	8.18	4207770	20.0
Tridecane	8.77	9.3	ng	1962420	2	8.18	4207770	20.0
Dodecane	9.06	3.5	ng	432060	3	9.93	2456850	20.0
Octadecane, 1-iodo-	9.14	3.5	ng	435842	3	9.93	2456850	20.0
Tetradecane	9.34	12.7	ng	1558590	3	9.93	2456850	20.0
Naphthalene, 1,2,...	9.41	3.9	ng	476166	3	9.93	2456850	20.0
Naphthalene, 2,6-...	9.59	4.6	ng	564387	3	9.93	2456850	20.0
unknown9.66	9.66	7.1	ng	877079	3	9.93	2456850	20.0
Pentadecane	9.87	5.6	ng	685013	3	9.93	2456850	20.0