

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113900.D
 Acq On : 23 Apr 2019 1:21
 Operator : JU/SJ
 Sample : K2193-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	5.510	578	582	589	rVB	696093	650418	24.72%	1.514%
2	5.822	632	635	643	rVB	142859	124582	4.73%	0.290%
3	6.163	690	693	699	rVV3	160355	214435	8.15%	0.499%
4	6.351	720	725	728	rBV3	127077	160610	6.10%	0.374%
5	6.410	733	735	737	rVB	161134	112495	4.28%	0.262%
6	6.439	737	740	742	rBV3	280583	267729	10.17%	0.623%
7	6.463	742	744	747	rVB	110797	95939	3.65%	0.223%
8	6.516	747	753	758	rBV3	764679	905732	34.42%	2.109%
9	6.587	762	765	768	rBV2	117712	98655	3.75%	0.230%
10	6.663	772	778	781	rBV2	928511	935803	35.56%	2.179%
11	6.745	787	792	794	rBV	1033882	934359	35.51%	2.175%
12	6.845	803	809	811	rBV5	74039	134278	5.10%	0.313%
13	6.898	815	818	820	rVV	1206439	1012757	38.49%	2.358%
14	6.922	820	822	826	rVB2	312923	264231	10.04%	0.615%
15	6.963	826	829	833	rVB3	240184	272914	10.37%	0.635%
16	7.051	841	844	848	rBV	897529	814987	30.97%	1.897%
17	7.086	848	850	852	rVB2	110887	90934	3.46%	0.212%
18	7.134	856	858	860	rBV	111195	120004	4.56%	0.279%
19	7.181	863	866	869	rVB	519903	459952	17.48%	1.071%
20	7.216	869	872	875	rBV2	352715	427308	16.24%	0.995%
21	7.245	875	877	880	rVB2	316157	273301	10.39%	0.636%
22	7.292	880	885	889	rBV3	510997	579541	22.02%	1.349%
23	7.333	889	892	896	rVB4	83917	101640	3.86%	0.237%
24	7.451	905	912	916	rBV4	552422	1005518	38.21%	2.341%
25	7.498	916	920	924	rVB	1647049	1577699	59.96%	3.673%
26	7.551	924	929	932	rVB4	355432	525192	19.96%	1.223%
27	7.586	932	935	936	rBV2	190640	212223	8.06%	0.494%
28	7.616	936	940	942	rVB4	145558	181198	6.89%	0.422%
29	7.657	945	947	950	rVV3	75804	101553	3.86%	0.236%
30	7.686	950	952	955	rVV2	178022	276965	10.53%	0.645%
31	7.710	955	956	959	rVB	346362	214695	8.16%	0.500%
32	7.786	965	969	970	rBV2	202771	192522	7.32%	0.448%
33	7.804	970	972	974	rVV2	305459	219939	8.36%	0.512%
34	7.828	974	976	979	rVB3	289733	245932	9.35%	0.573%

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35	7.869	979	983	986	rVB3	349971	421273	16.01%	0.981%
36	7.898	986	988	990	rBV	434005	403786	15.34%	0.940%
37	7.922	990	992	993	rVV2	309280	271136	10.30%	0.631%
38	7.933	993	994	999	rVB3	483263	524841	19.94%	1.222%
39	7.981	999	1002	1004	rBV3	366975	341154	12.96%	0.794%
40	8.004	1004	1006	1007	rVV2	123042	103521	3.93%	0.241%
41	8.022	1007	1009	1012	rVB	354608	275862	10.48%	0.642%
42	8.051	1012	1014	1018	rBV2	161207	192634	7.32%	0.448%
43	8.092	1018	1021	1024	rBV2	122123	120739	4.59%	0.281%
44	8.139	1024	1029	1031	rBV4	205086	321371	12.21%	0.748%
45	8.169	1031	1034	1039	rVV2	2027115	2631444	100.00%	6.126%
46	8.245	1042	1047	1050	rVB2	714267	813986	30.93%	1.895%
47	8.275	1050	1052	1055	rBV3	269212	267400	10.16%	0.622%
48	8.339	1060	1063	1065	rBV3	161627	175625	6.67%	0.409%
49	8.380	1068	1070	1074	rVB4	245831	273757	10.40%	0.637%
50	8.428	1074	1078	1081	rBV4	95902	126658	4.81%	0.295%
51	8.475	1081	1086	1093	rVB5	516779	799510	30.38%	1.861%
52	8.533	1093	1096	1098	rVB3	421469	379743	14.43%	0.884%
53	8.563	1098	1101	1104	rBV3	491085	498366	18.94%	1.160%
54	8.604	1105	1108	1111	rVV	600657	609349	23.16%	1.419%
55	8.628	1111	1112	1114	rVV	215440	123318	4.69%	0.287%
56	8.651	1114	1116	1118	rVB	235239	184196	7.00%	0.429%
57	8.686	1119	1122	1125	rBV2	527669	454175	17.26%	1.057%
58	8.728	1127	1129	1131	rBV2	118396	99370	3.78%	0.231%
59	8.775	1134	1137	1141	rBV	1504553	1313190	49.90%	3.057%
60	8.816	1141	1144	1145	rVV3	146144	171972	6.54%	0.400%
61	8.839	1146	1148	1150	rVV2	294785	280551	10.66%	0.653%
62	8.875	1150	1154	1156	rVB3	285145	322328	12.25%	0.750%
63	8.933	1162	1164	1166	rBV3	140607	109498	4.16%	0.255%
64	8.975	1166	1171	1172	rVV6	119878	202299	7.69%	0.471%
65	9.004	1173	1176	1181	rVV4	325043	472264	17.95%	1.099%
66	9.057	1183	1185	1189	rVV3	230918	387798	14.74%	0.903%
67	9.092	1189	1191	1195	rVV3	223249	334317	12.70%	0.778%
68	9.139	1195	1199	1204	rVB3	287256	377636	14.35%	0.879%
69	9.180	1204	1206	1208	rBV	281589	223624	8.50%	0.521%
70	9.204	1208	1210	1215	rVV3	404971	449614	17.09%	1.047%
71	9.251	1215	1218	1224	rVB	929365	776671	29.52%	1.808%

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72	9.339	1230	1233	1238	rBV	1076901	971697	36.93%	2.262%
73	9.386	1238	1241	1242	rVV3	107460	122686	4.66%	0.286%
74	9.410	1242	1245	1251	rVB3	217174	286792	10.90%	0.668%
75	9.457	1251	1253	1257	rVB4	102057	93063	3.54%	0.217%
76	9.498	1257	1260	1261	rBV2	95481	93957	3.57%	0.219%
77	9.592	1270	1276	1278	rBV7	230597	341111	12.96%	0.794%
78	9.616	1278	1280	1283	rVV2	224300	196960	7.48%	0.459%
79	9.663	1283	1288	1290	rVV3	349739	567099	21.55%	1.320%
80	9.680	1290	1291	1294	rVV	255666	203500	7.73%	0.474%
81	9.716	1295	1297	1300	rVV2	191369	179134	6.81%	0.417%
82	9.869	1320	1323	1326	rVB	610805	456108	17.33%	1.062%
83	9.933	1331	1334	1338	rVB2	1481689	1276958	48.53%	2.973%
84	10.192	1376	1378	1382	rVB4	96207	113642	4.32%	0.265%
85	10.257	1386	1389	1392	rBV3	62395	98688	3.75%	0.230%
86	10.369	1402	1408	1411	rBV	313837	296164	11.25%	0.689%
87	10.592	1440	1446	1451	rBV	90673	136593	5.19%	0.318%
88	10.716	1463	1467	1471	rBV	572563	515698	19.60%	1.201%
89	10.839	1485	1488	1496	rVB	199682	241643	9.18%	0.563%
90	11.286	1561	1564	1567	rBV	120230	102466	3.89%	0.239%
91	11.421	1583	1587	1589	rBV	1575909	1526329	58.00%	3.553%
92	11.439	1589	1590	1593	rVV	426310	278054	10.57%	0.647%
93	11.939	1673	1675	1679	rVB2	127371	135288	5.14%	0.315%
94	12.510	1768	1772	1777	rVB2	96467	111944	4.25%	0.261%
95	12.627	1789	1792	1796	rBV	580367	525551	19.97%	1.223%
96	12.857	1826	1831	1834	rVV	485489	510419	19.40%	1.188%
97	12.998	1852	1855	1861	rVB	1174334	1004291	38.17%	2.338%
98	14.057	2030	2035	2038	rBV	1815414	1797771	68.32%	4.185%
99	14.080	2038	2039	2042	rVB	204013	106423	4.04%	0.248%
100	15.539	2283	2287	2291	rBV	850838	1025053	38.95%	2.386%

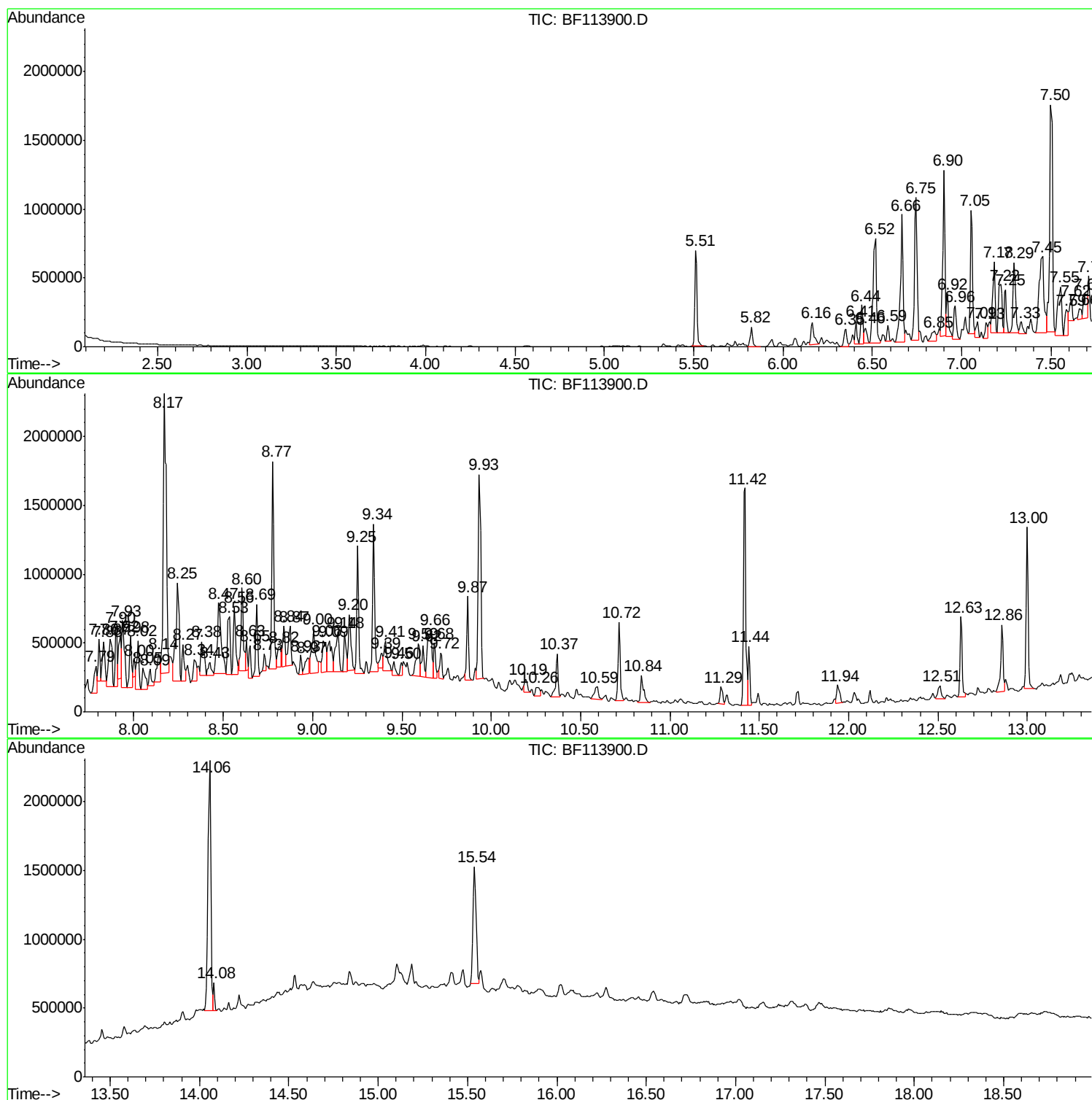
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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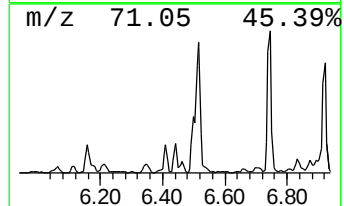
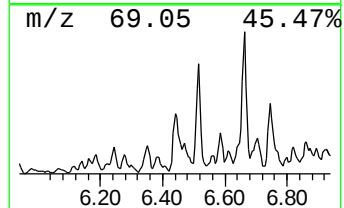
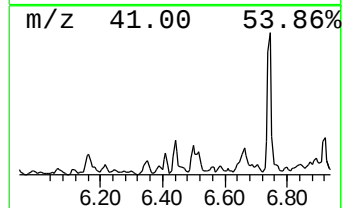
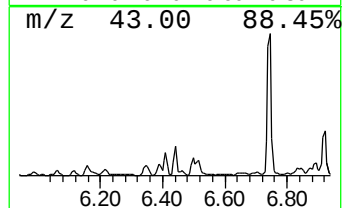
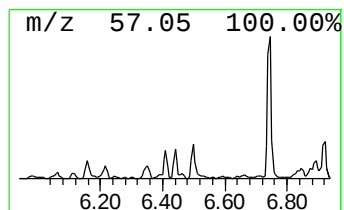
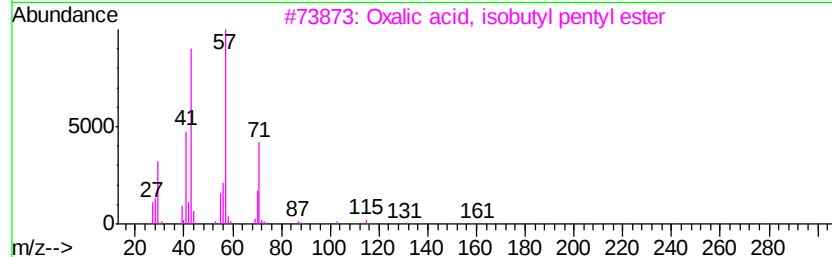
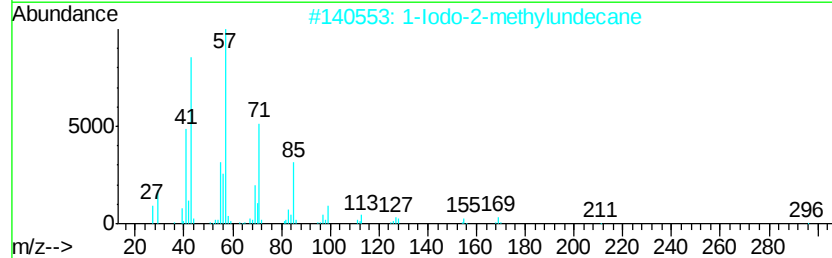
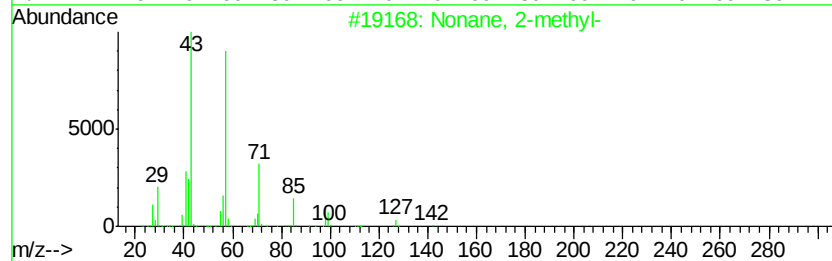
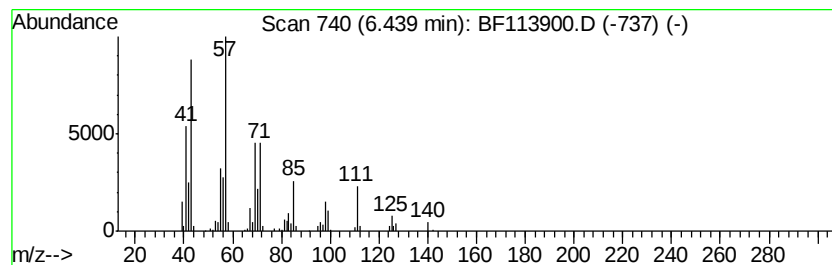
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 Nonane, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
6.44	5.29 ng	267729	1,4-Dichlorobenzene-d4	6.90		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-		142	C10H22	000871-83-0	70
2	1-Iodo-2-methylundecane		296	C12H25I	073105-67-6	53
3	Oxalic acid, isobutyl pentyl ester		216	C11H20O4	1000309-37-0	47
4	Decane, 3-methyl-		156	C11H24	013151-34-3	43
5	Nonane, 4-methyl-		142	C10H22	017301-94-9	43



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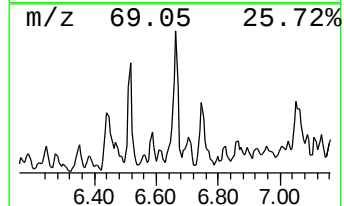
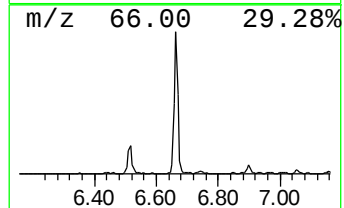
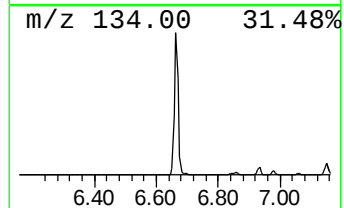
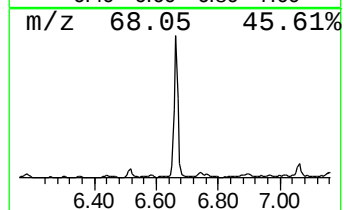
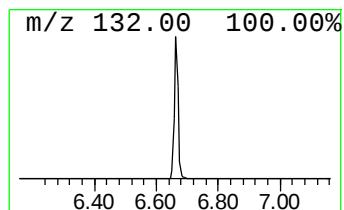
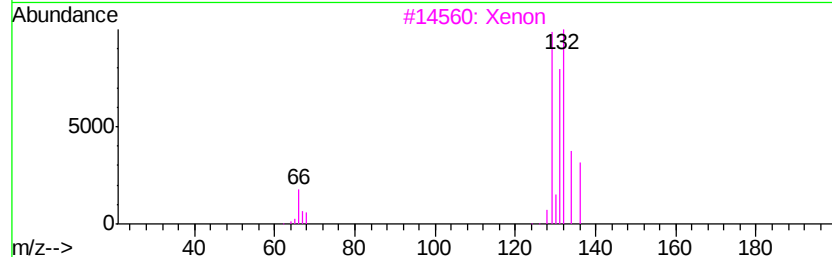
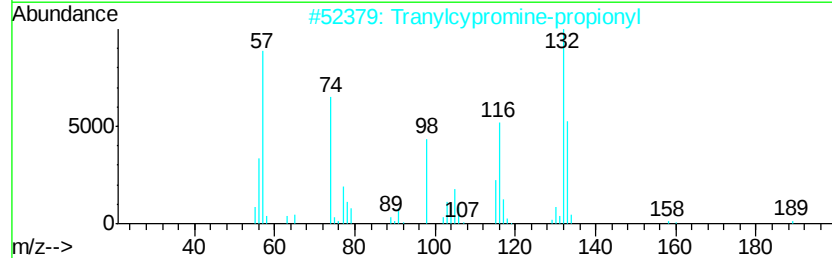
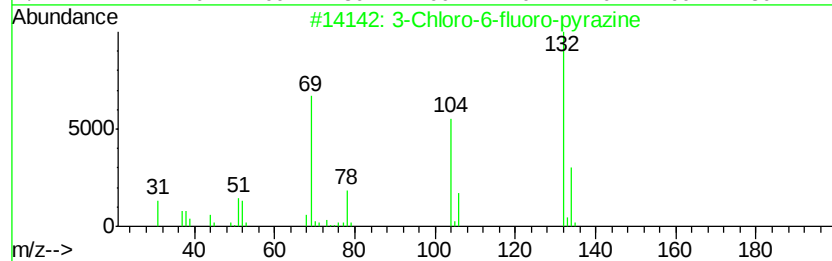
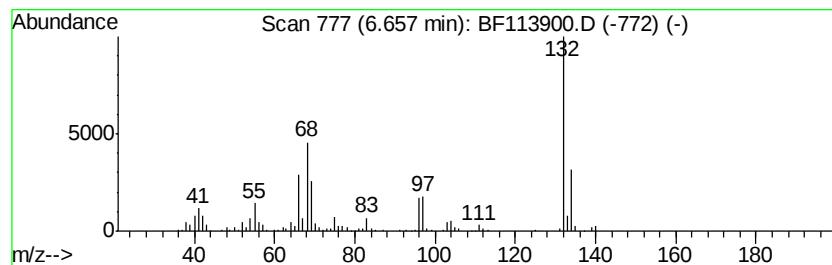
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown6.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.66	18.48 ng	935803	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		Xenon	132	Xe	007440-63-3	9
4		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9



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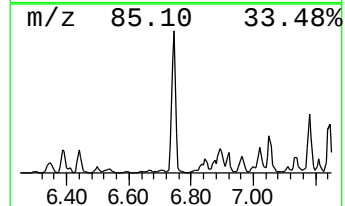
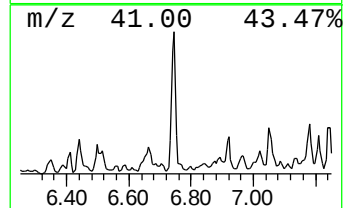
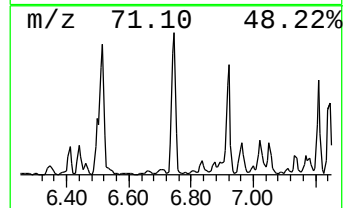
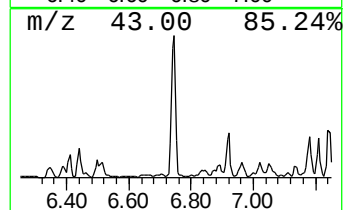
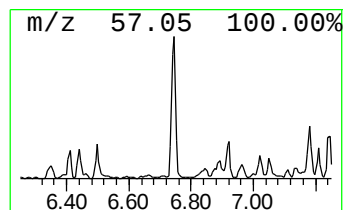
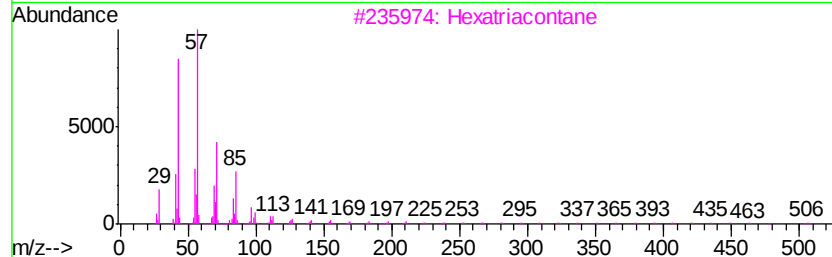
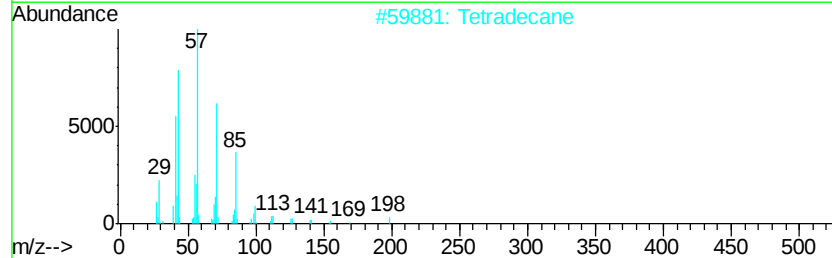
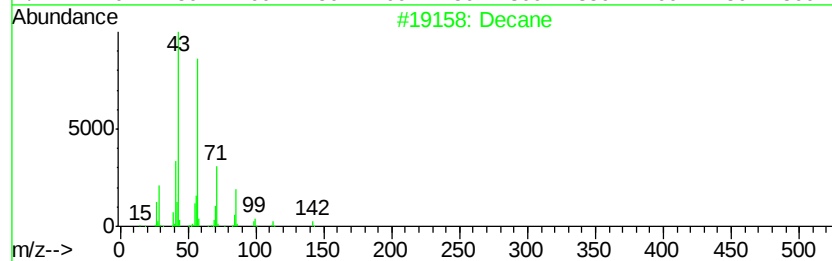
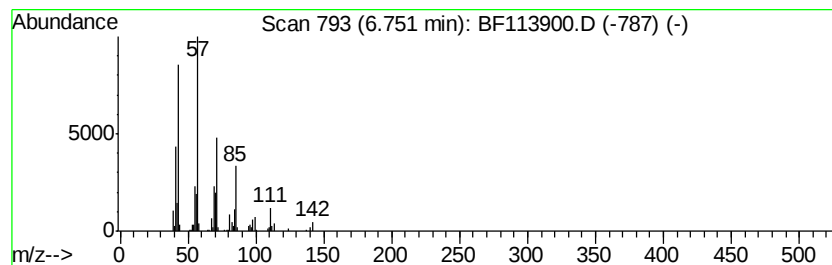
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	18.45 ng	934359	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane	142	C10H22	000124-18-5	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexatriacontane	507	C36H74	000630-06-8	78
4		Undecane	156	C11H24	001120-21-4	78
5		Hexadecane	226	C16H34	000544-76-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
HR-05-041719-B

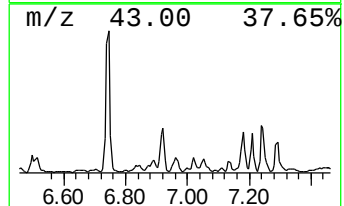
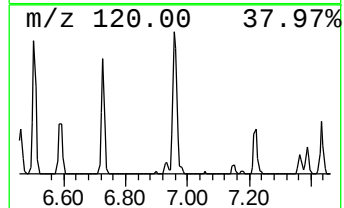
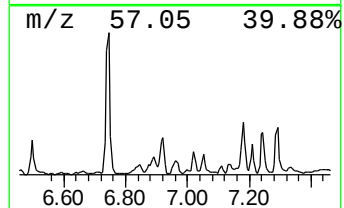
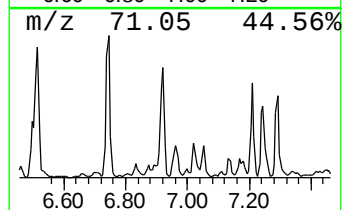
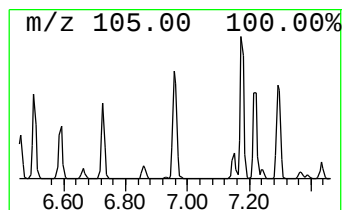
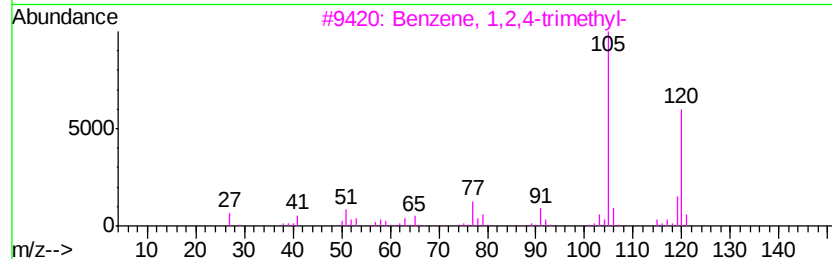
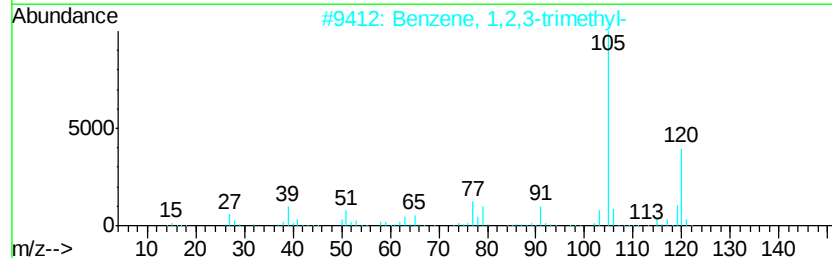
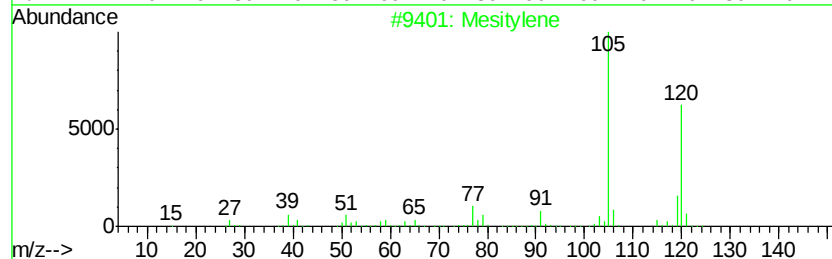
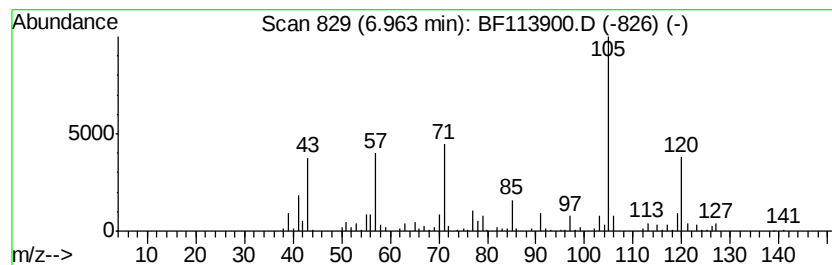
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Mesitylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.96	5.39 ng	272914	1,4-Dichlorobenzene-d4	6.90

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene		120	C9H12	000108-67-8	86
2	Benzene, 1,2,3-trimethyl-		120	C9H12	000526-73-8	50
3	Benzene, 1,2,4-trimethyl-		120	C9H12	000095-63-6	50
4	Benzene, 1-ethyl-3-methyl-		120	C9H12	000620-14-4	50
5	Benzene, 1-ethyl-4-methyl-		120	C9H12	000622-96-8	46



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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Operator : JU/SJ
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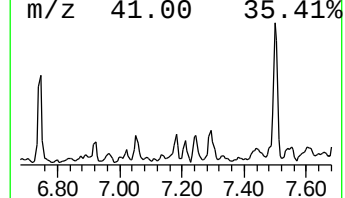
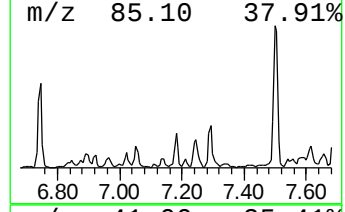
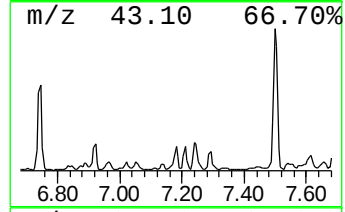
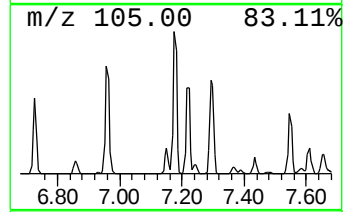
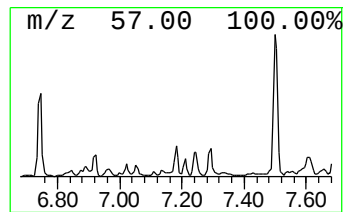
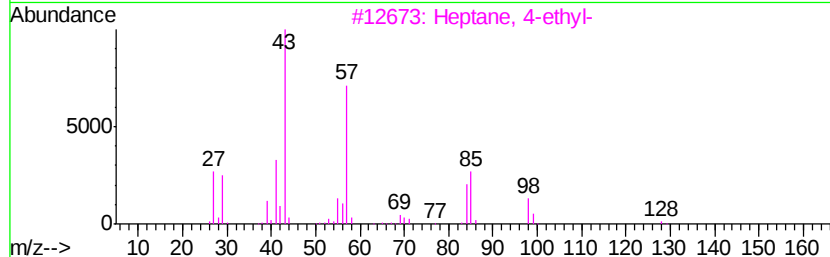
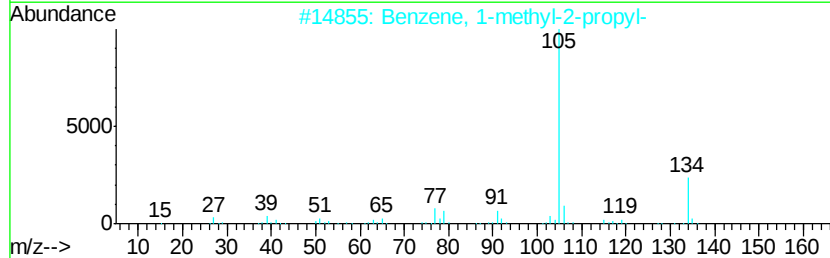
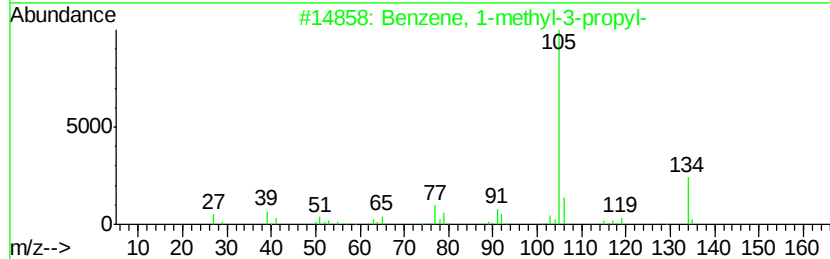
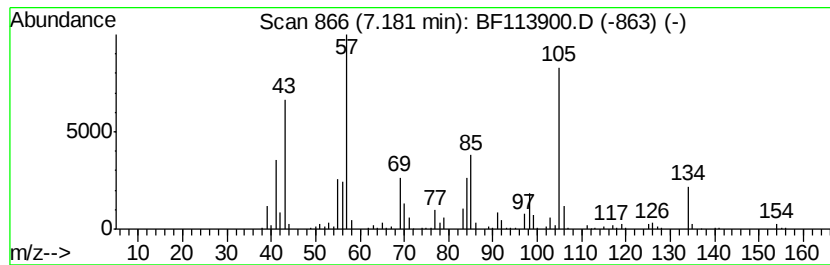
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Benzene, 1-methyl-3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	9.08 ng	459952	1,4-Dichlorobenzene-d4	6.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	74
2			Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	70
3			Heptane, 4-ethyl-	128	C9H20	002216-32-2	46
4			Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	38
5			Undecane	156	C11H24	001120-21-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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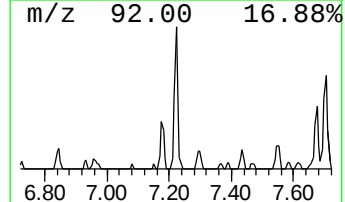
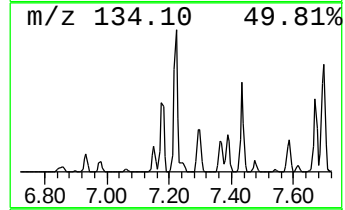
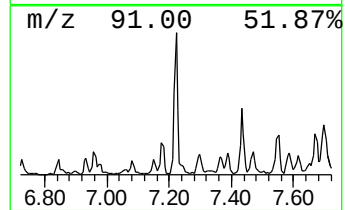
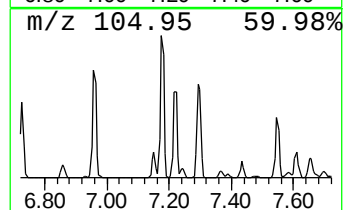
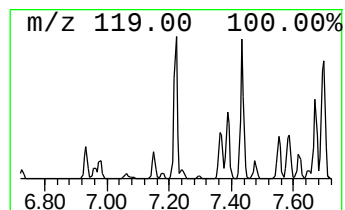
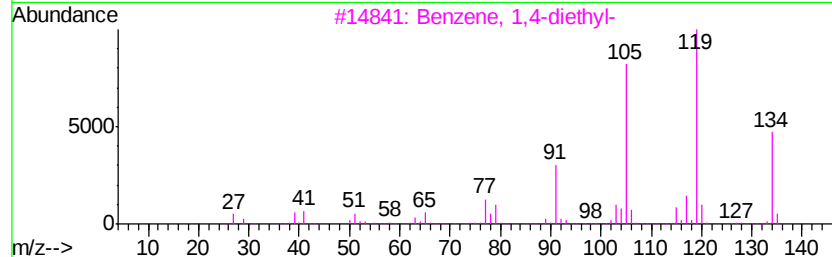
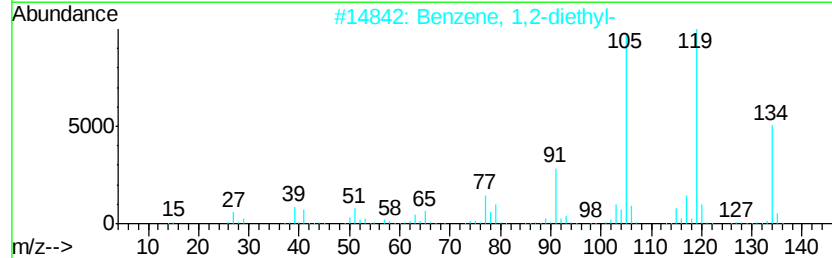
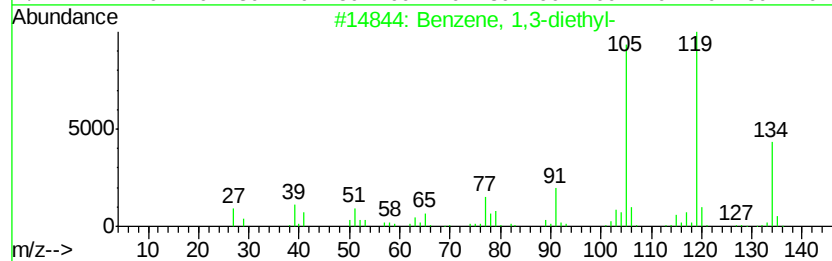
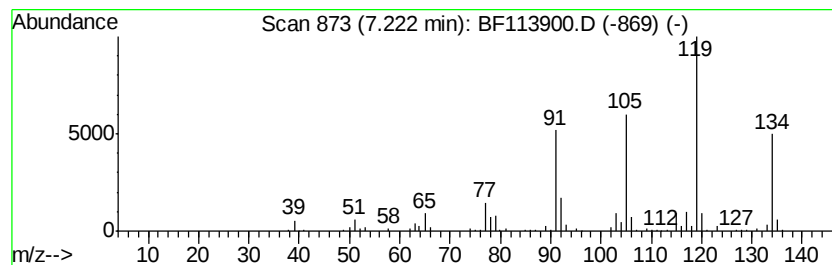
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Benzene, 1,3-diethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.22	8.44 ng	427308	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	96
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	95
3	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	93
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	92
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
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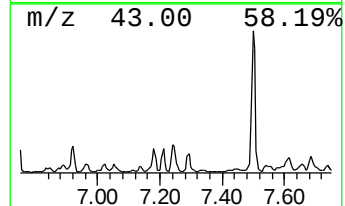
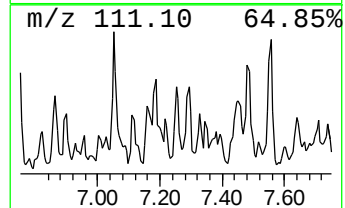
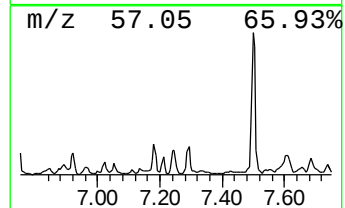
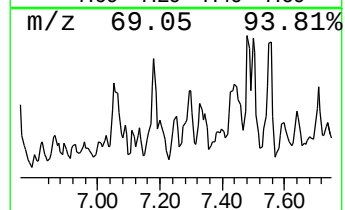
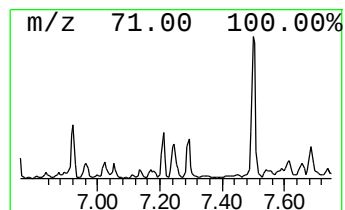
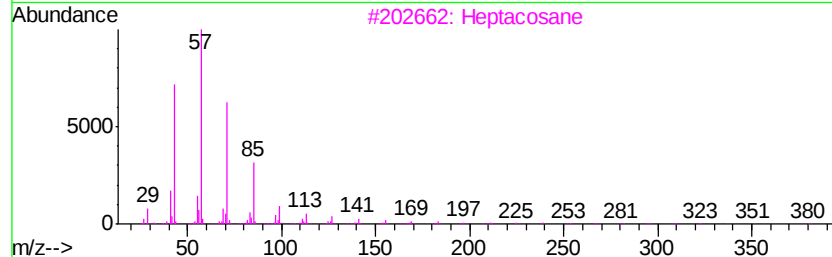
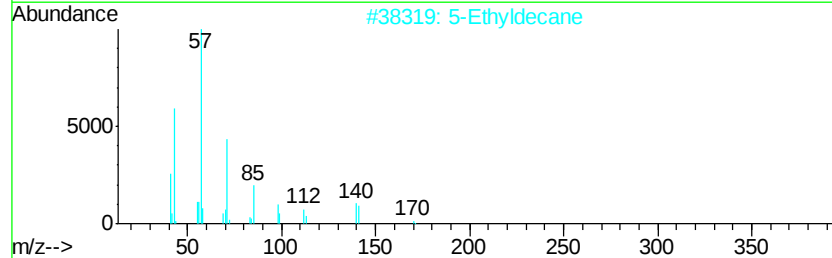
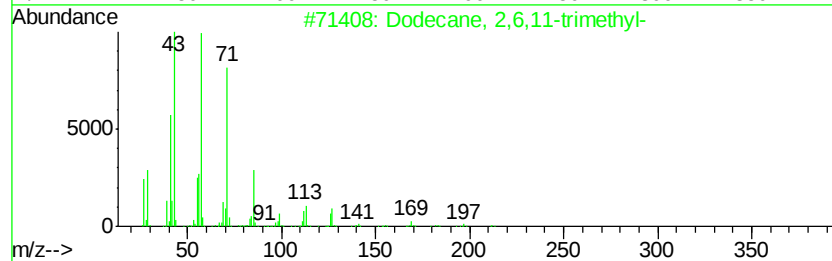
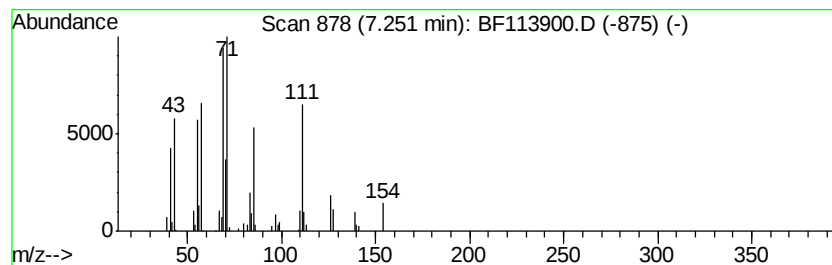
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Dodecane, 2,6,11-trimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.25	5.40 ng	273301	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	83
2		5-Ethyldecane	170	C12H26	017302-36-2	83
3		Heptacosane	380	C27H56	000593-49-7	78
4		Undecane, 5-methyl-	170	C12H26	001632-70-8	72
5		Tetradecane	198	C14H30	000629-59-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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Acq On : 23 Apr 2019 1:21
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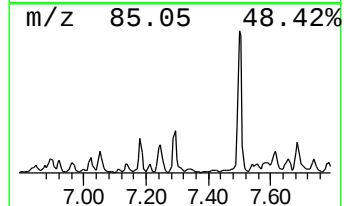
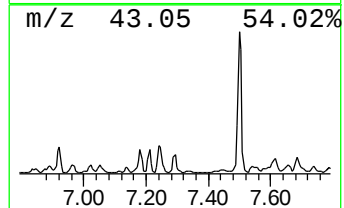
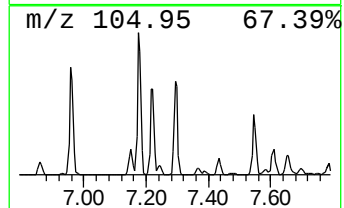
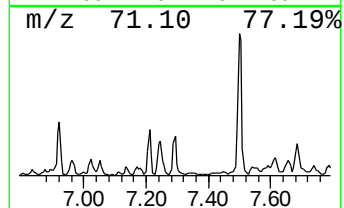
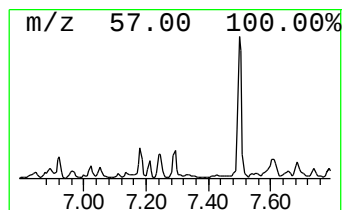
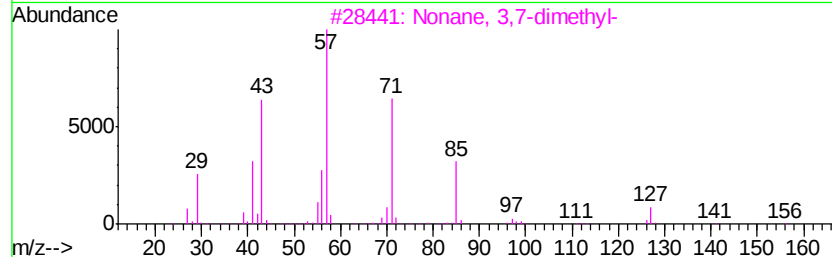
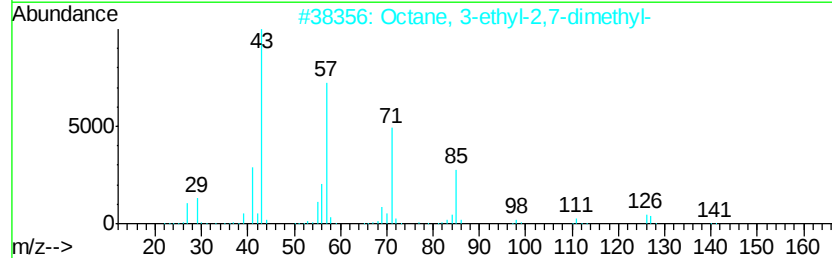
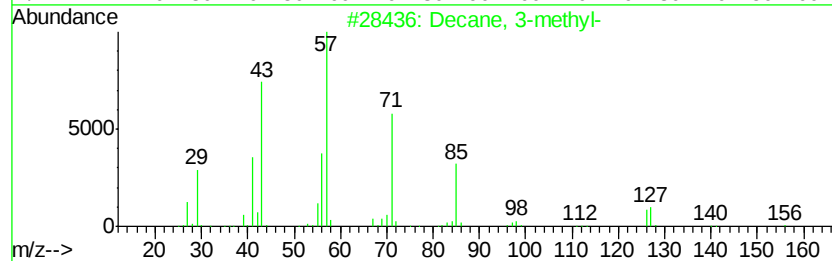
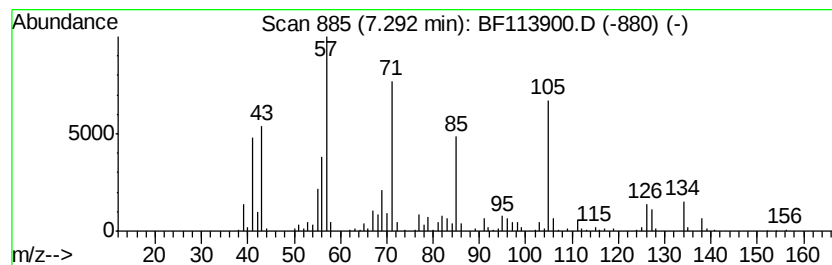
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Decane, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	11.44 ng	579541	1,4-Dichlorobenzene-d4	6.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	91
2		Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	64
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	62
4		10-Methylnonadecane	282	C20H42	056862-62-5	53
5		Octadecane, 1-iodo-	380	C18H37I	000629-93-6	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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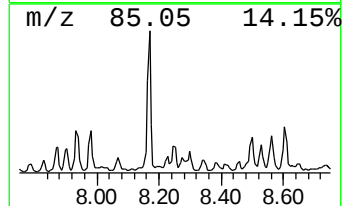
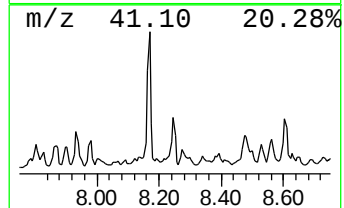
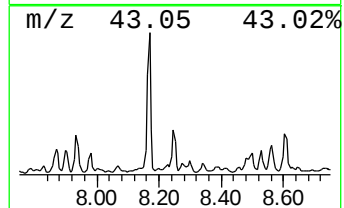
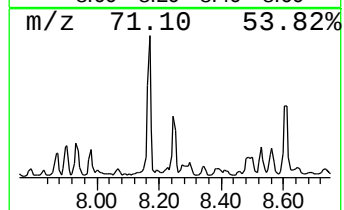
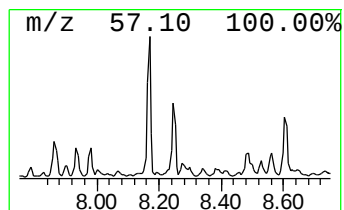
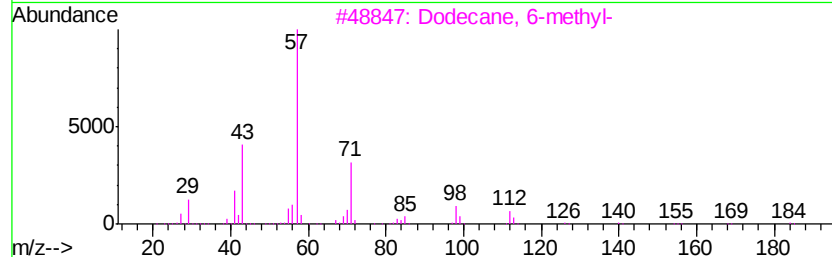
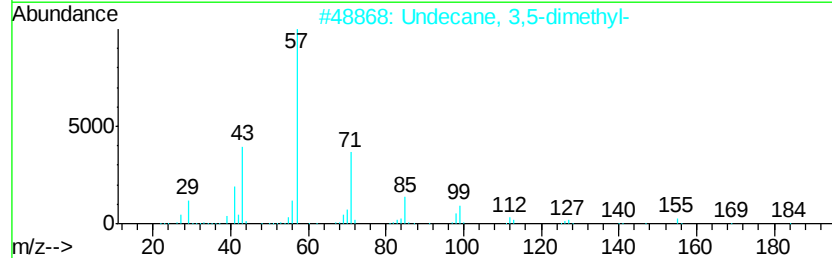
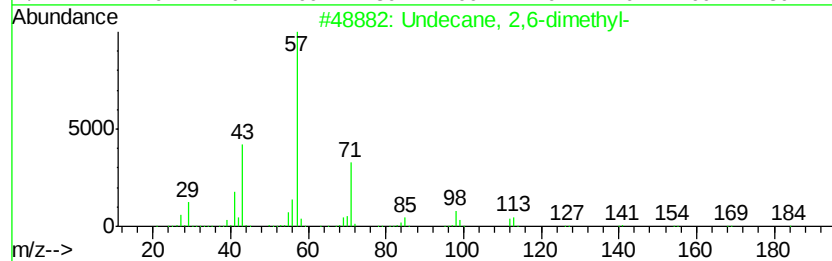
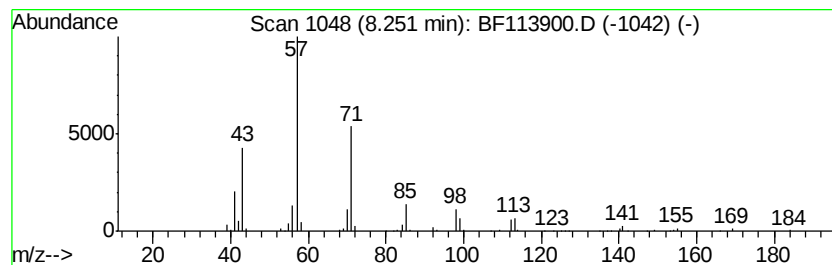
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Undecane, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.25	6.19 ng	813986	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	81
2		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	80
3		Dodecane, 6-methyl-	184	C13H28	006044-71-9	76
4		Undecane, 6-ethyl-	184	C13H28	017312-60-6	72
5		Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
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ALS Vial : 18 Sample Multiplier: 1

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ClientSampleId :
HR-05-041719-B

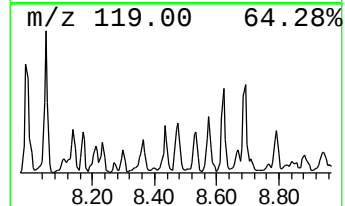
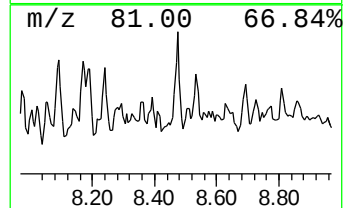
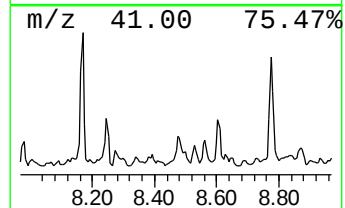
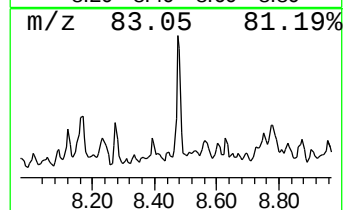
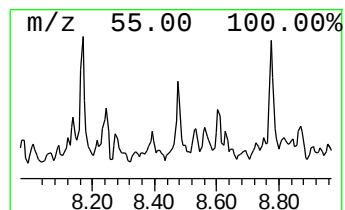
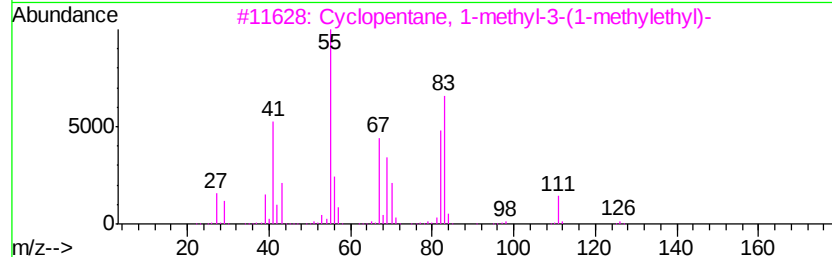
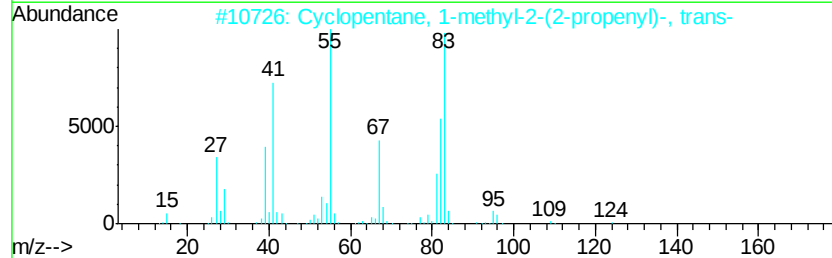
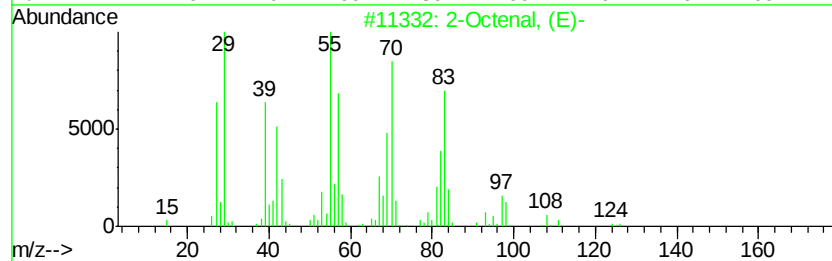
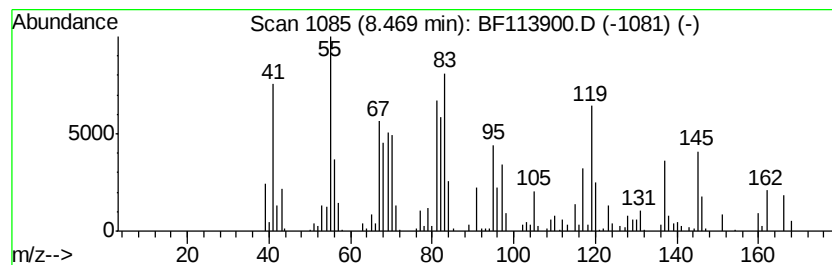
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 unknown8.47 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.47	6.08 ng	799510	Naphthalene-d8	8.18

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Octenal, (E)-	126	C8H14O	002548-87-0	47
2			Cyclopentane, 1-methyl-2-(2-prop...	124	C9H16	050746-53-7	46
3			Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	46
4			Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	38
5			Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

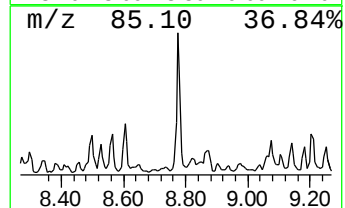
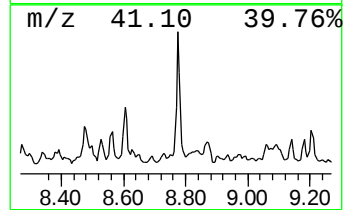
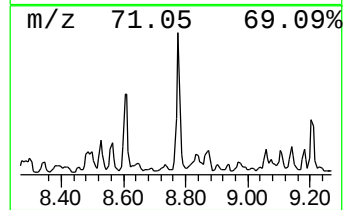
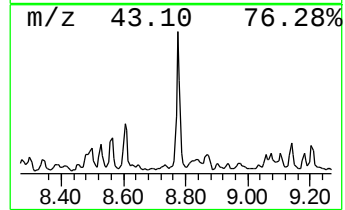
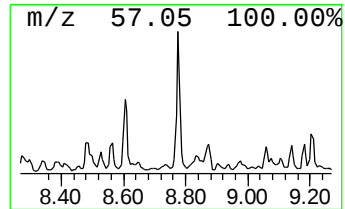
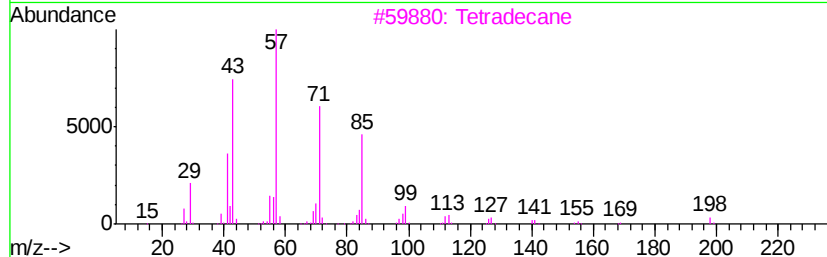
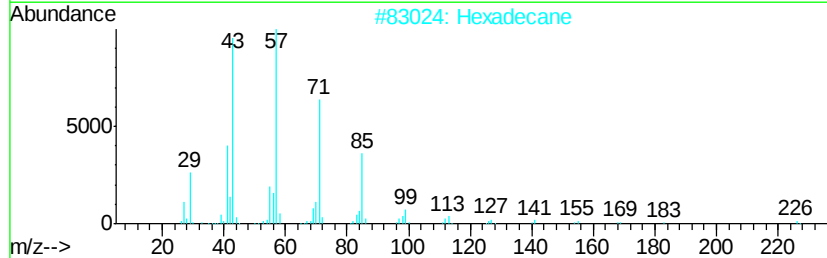
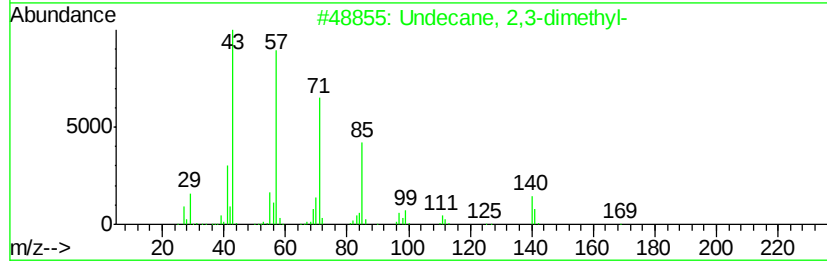
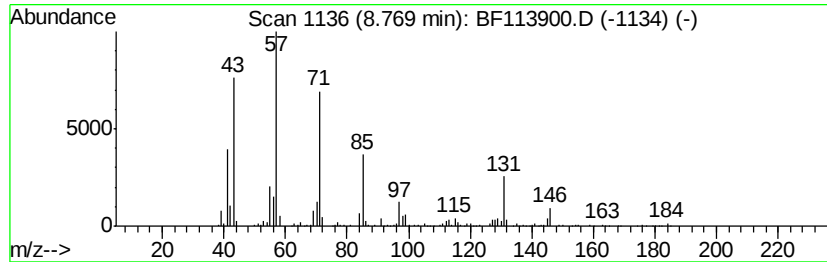
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Undecane, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	9.98 ng	1313190	Naphthalene-d8	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
2		Hexadecane	226	C16H34	000544-76-3	74
3		Tetradecane	198	C14H30	000629-59-4	72
4		Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	72
5		Tridecane	184	C13H28	000629-50-5	70



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
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Operator : JU/SJ
Sample : K2193-09 5X
Misc :
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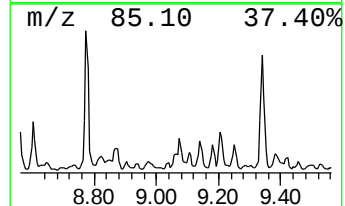
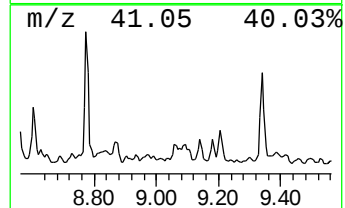
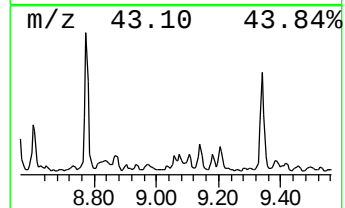
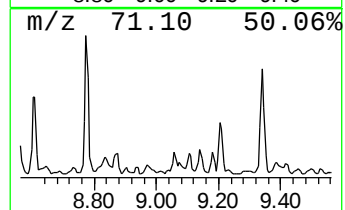
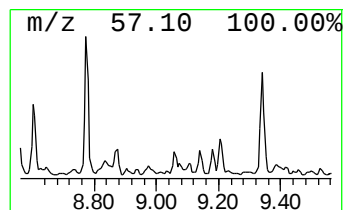
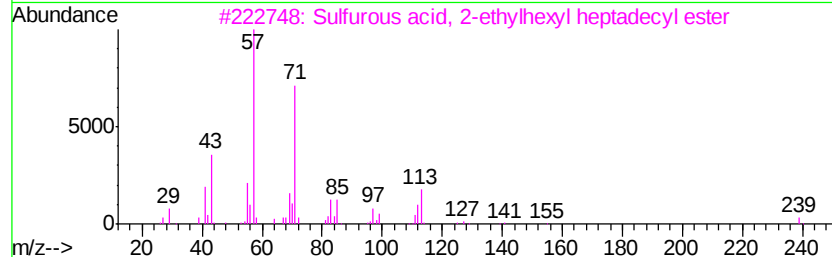
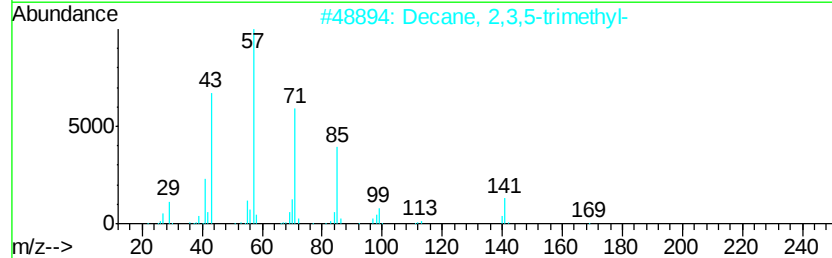
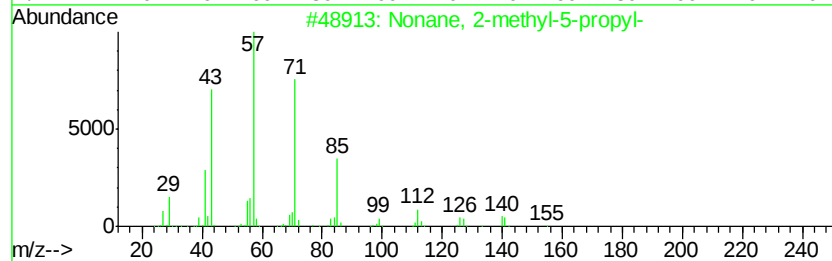
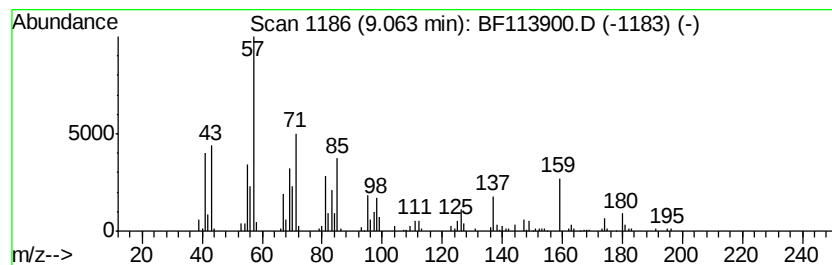
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Nonane, 2-methyl-5-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.06	6.07 ng	387798	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 2-methyl-5-propyl-	184	C13H28	031081-17-1	59
2	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	53
3	Sulfurous acid, 2-ethylhexyl hep...	432	C25H52O3S	1000309-20-0	52
4	Sulfurous acid, 2-ethylhexyl hex...	418	C24H50O3S	1000309-19-9	50
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
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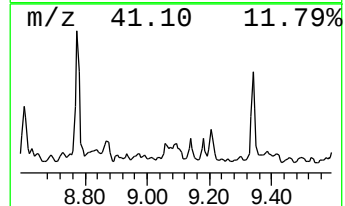
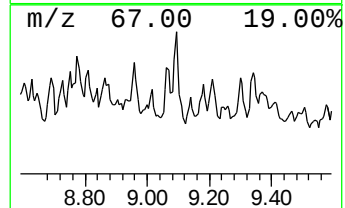
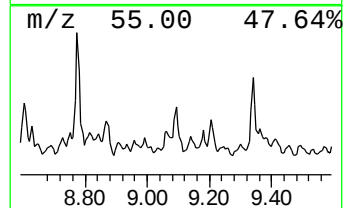
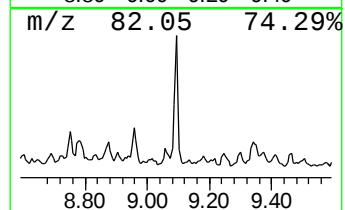
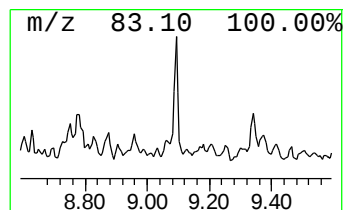
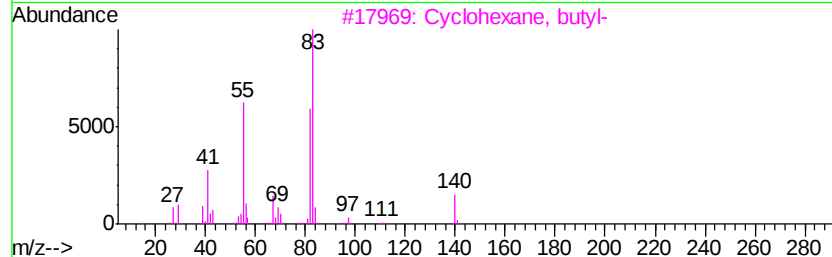
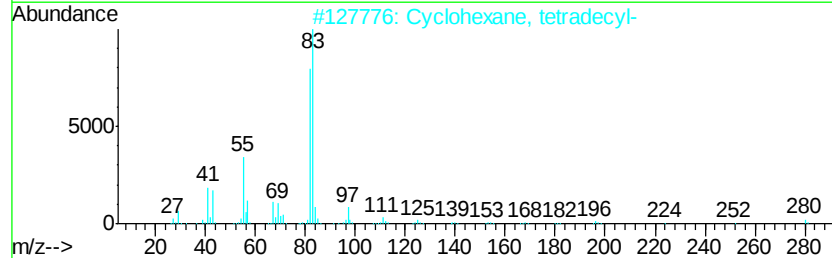
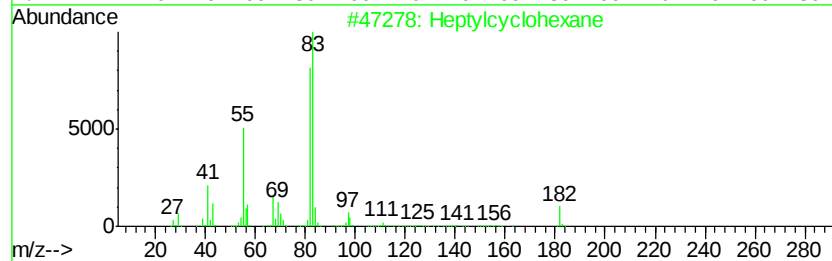
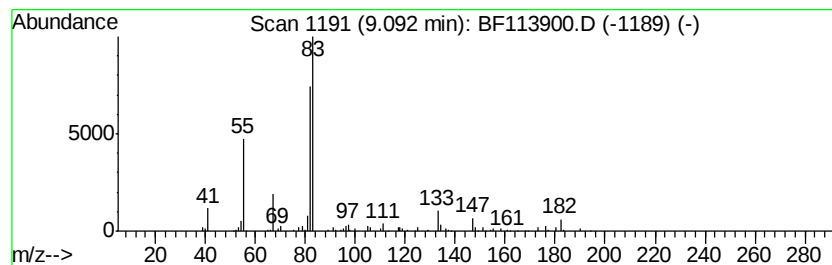
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Heptylcyclohexane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.09	5.24 ng	334317	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptylcyclohexane	182	C13H26	005617-41-4	56
2	Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	56
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	56
4	Cyclohexane, undecyl-	238	C17H34	054105-66-7	56
5	n-Heptadecylcyclohexane	322	C23H46	019781-73-8	56



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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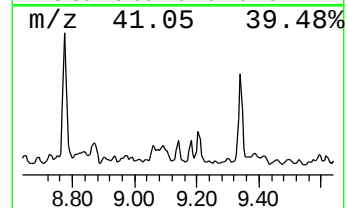
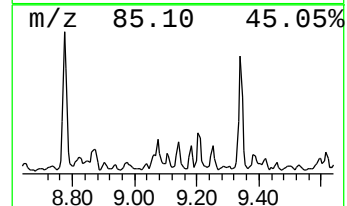
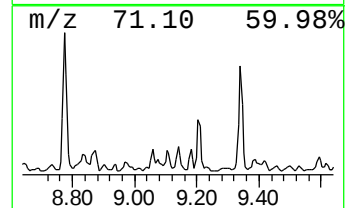
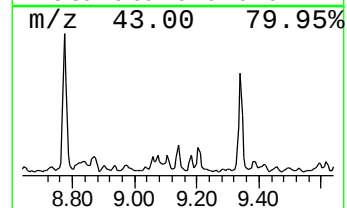
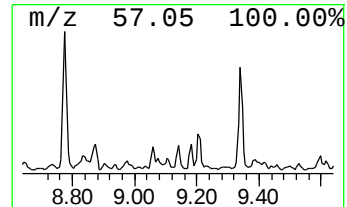
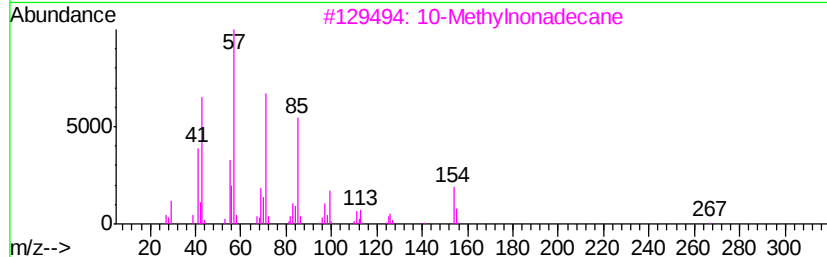
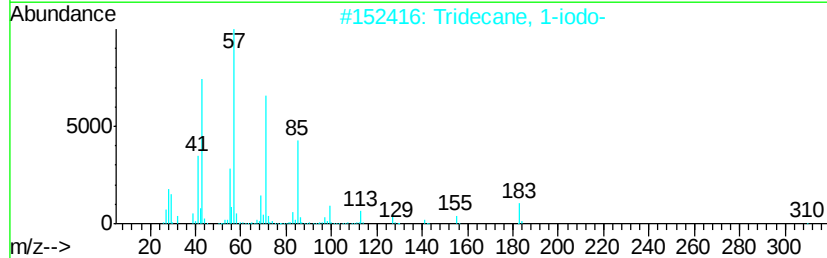
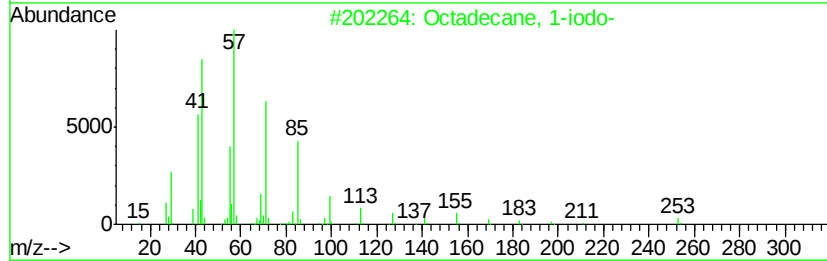
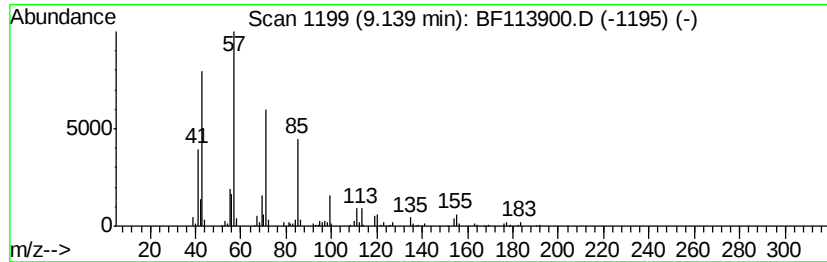
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Octadecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.14	5.91 ng	377636	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	83
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	10-Methylnonadecane	282	C20H42	056862-62-5	78
4	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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Sample : K2193-09 5X
Misc :
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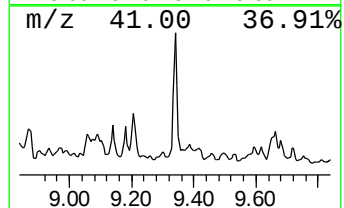
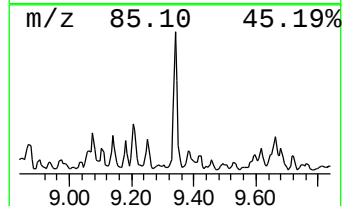
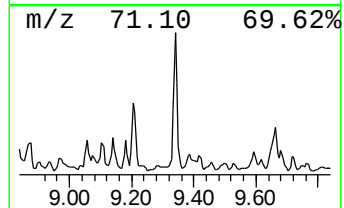
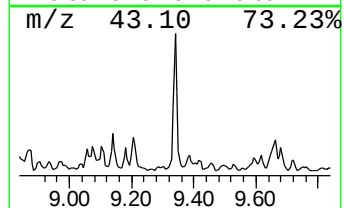
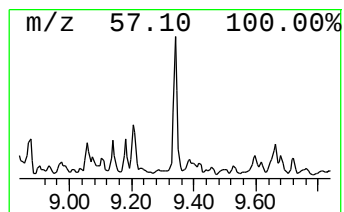
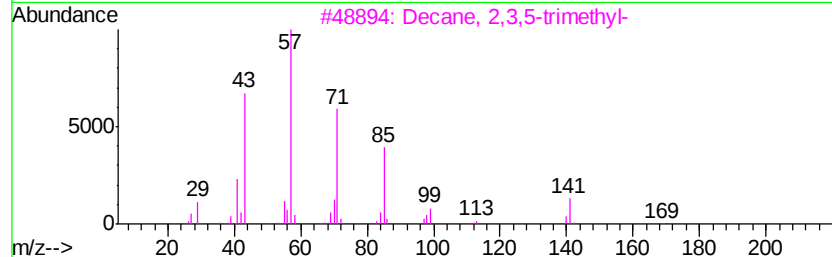
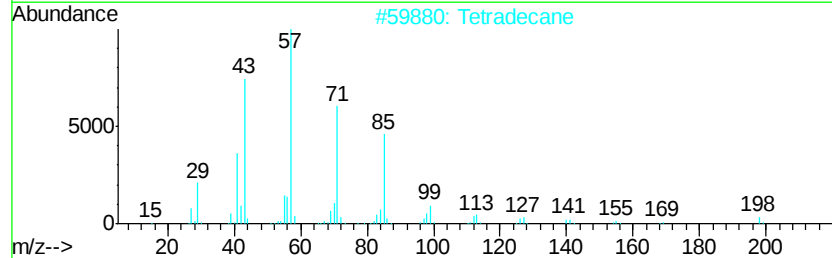
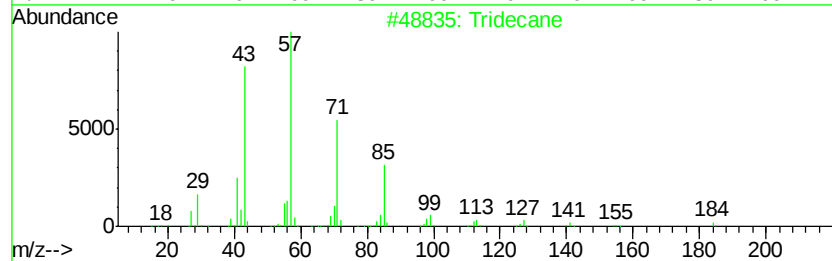
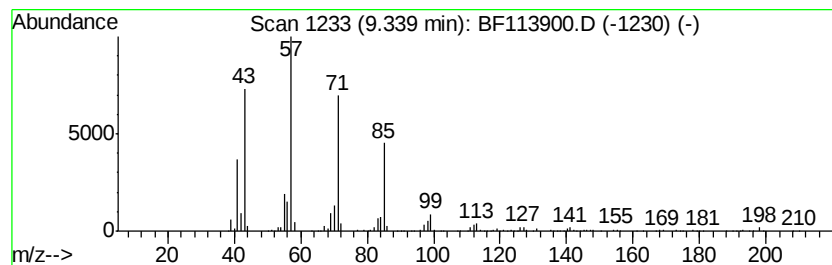
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.34	15.22 ng	971697	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tetradecane	198	C14H30	000629-59-4	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
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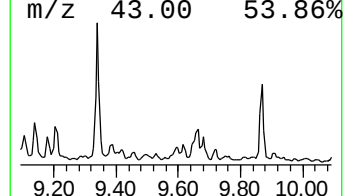
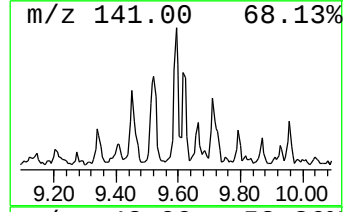
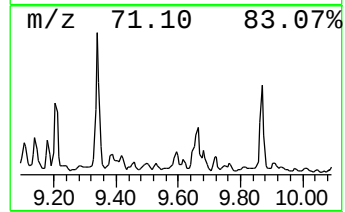
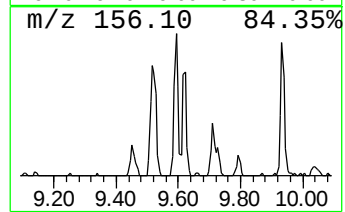
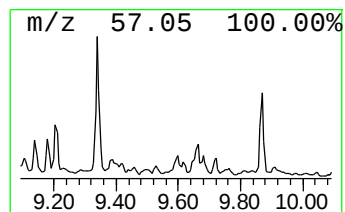
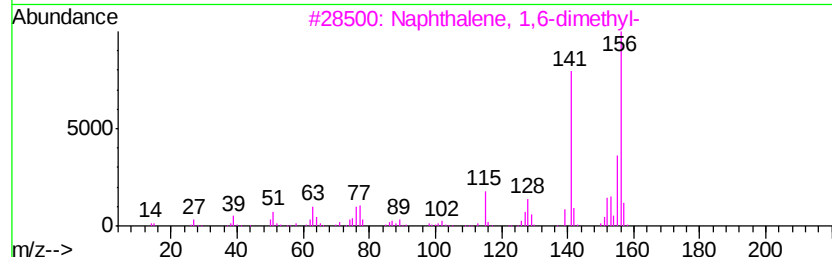
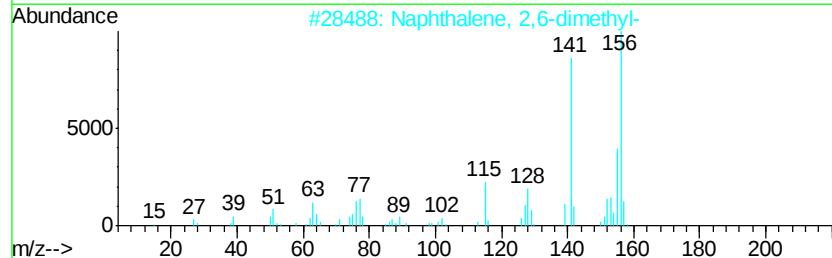
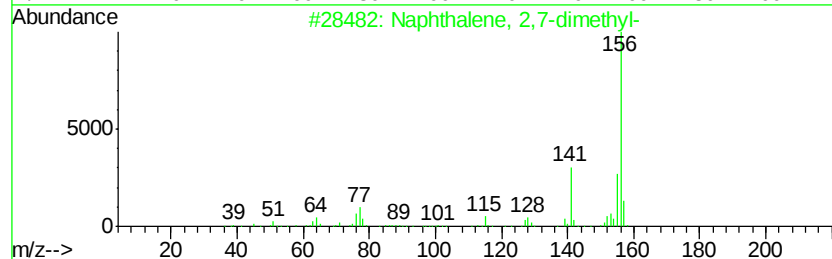
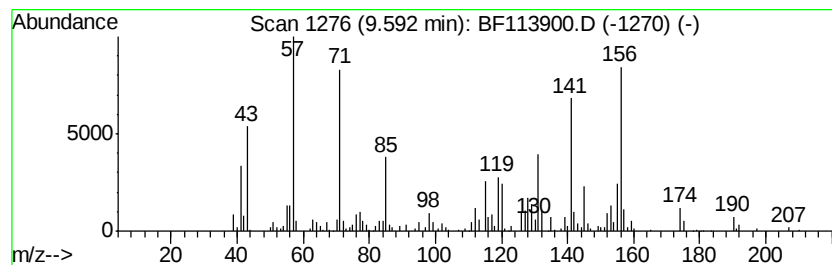
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Naphthalene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.59	5.34 ng	341111	Acenaphthene-d10		9.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	76
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	74
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	74
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	74
5	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
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Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

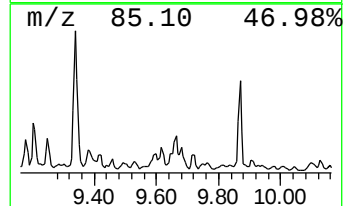
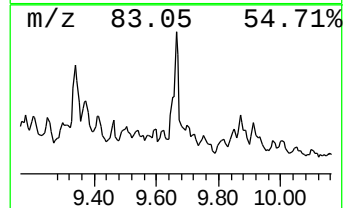
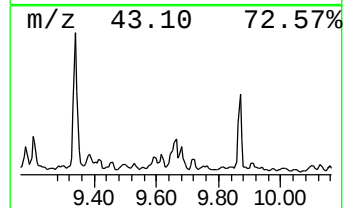
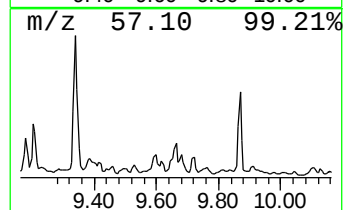
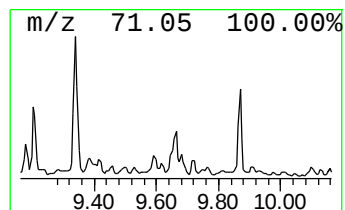
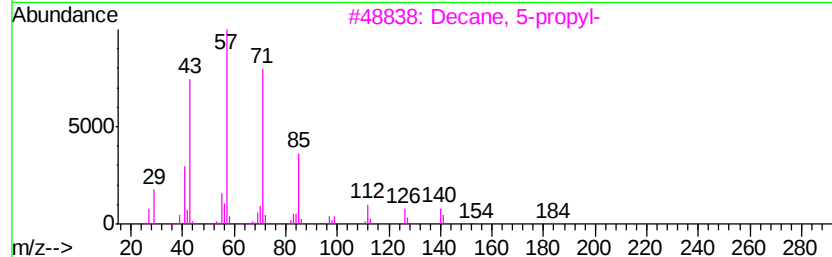
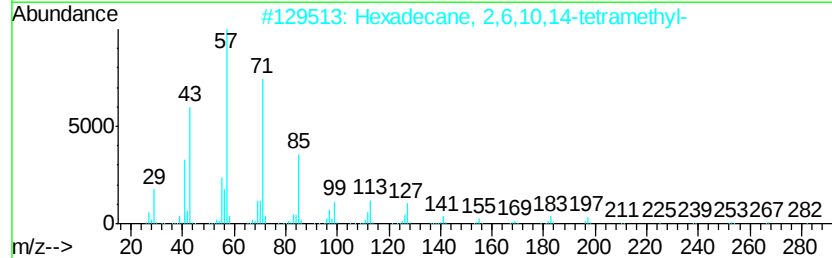
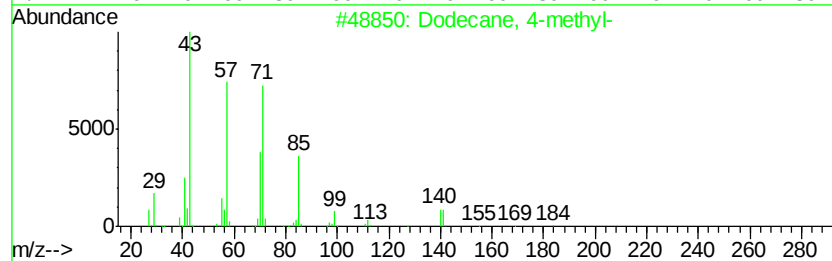
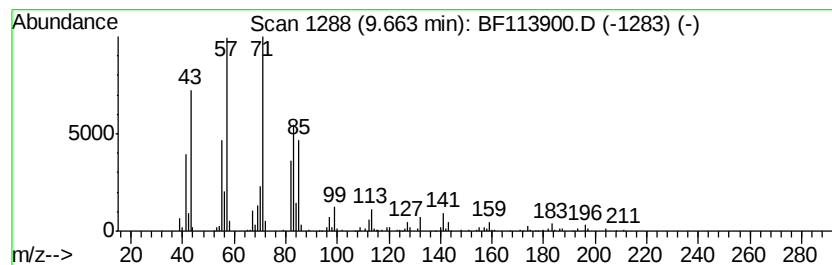
Instrument :
BNA_F
ClientSampleId :
HR-05-041719-B

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 Dodecane, 4-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.	
9.66	8.88 ng	567099	Acenaphthene-d10	9.93	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	60
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	58
3	Decane, 5-propyl-	184	C13H28	017312-62-8	53
4	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	52
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	49



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

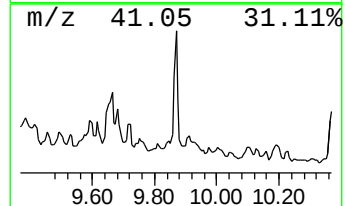
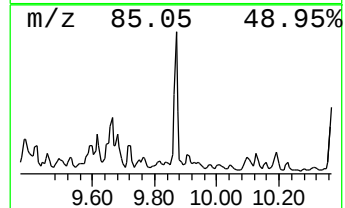
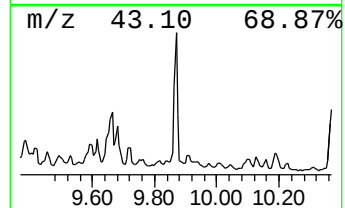
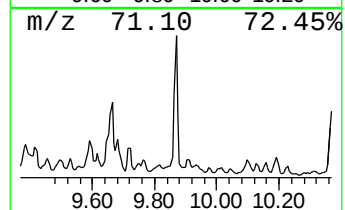
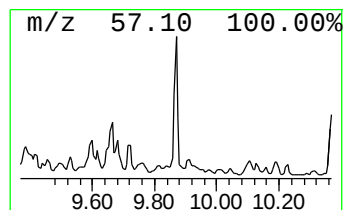
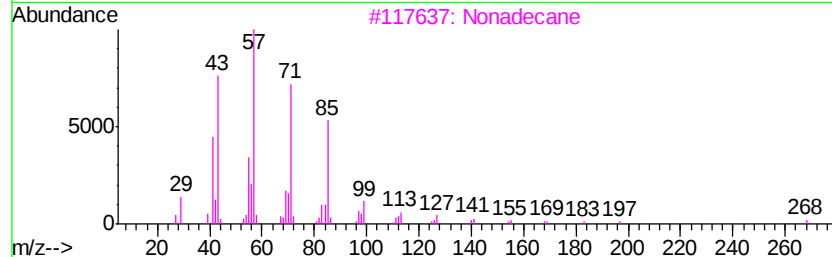
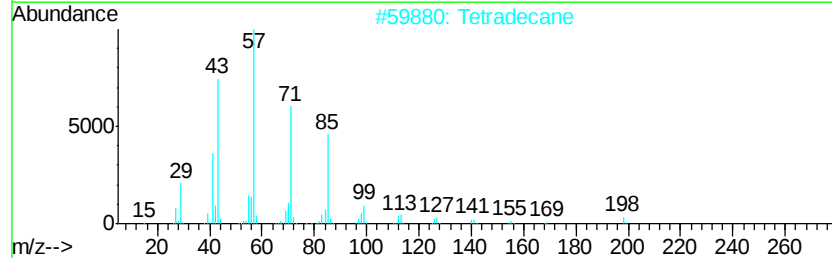
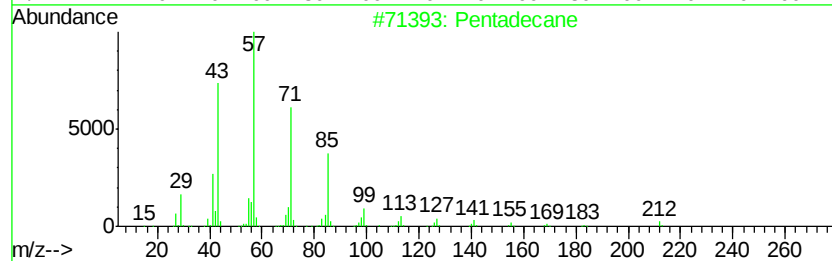
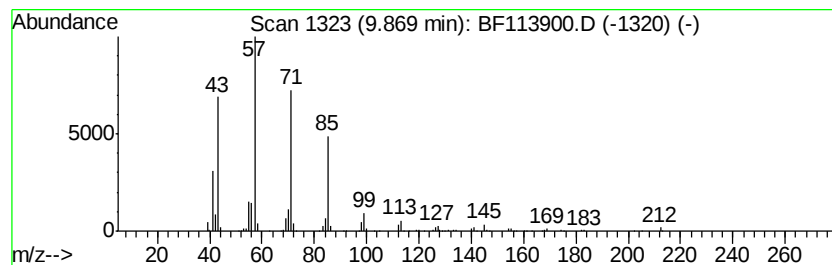
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.87	7.14 ng	456108	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	92
2		Tetradecane	198	C14H30	000629-59-4	91
3		Nonadecane	268	C19H40	000629-92-5	80
4		Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
5		Bacchotricuneatin c	342	C20H22O5	066563-30-2	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
Data File : BF113900.D
Acq On : 23 Apr 2019 1:21
Operator : JU/SJ
Sample : K2193-09 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

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

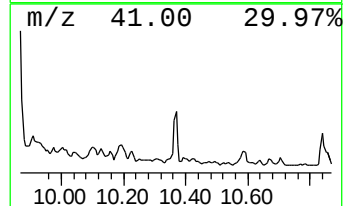
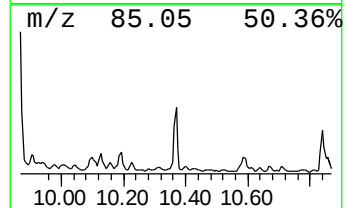
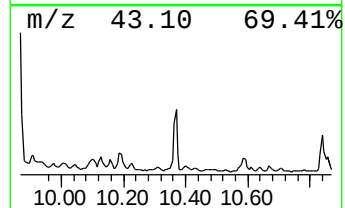
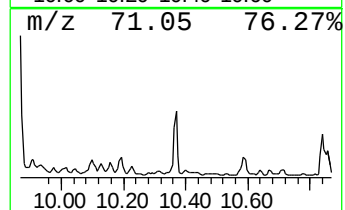
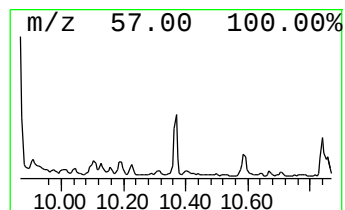
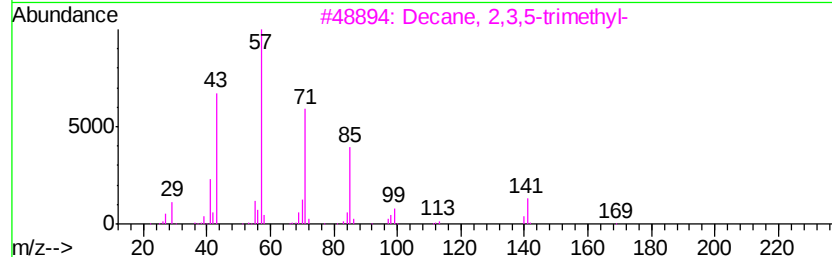
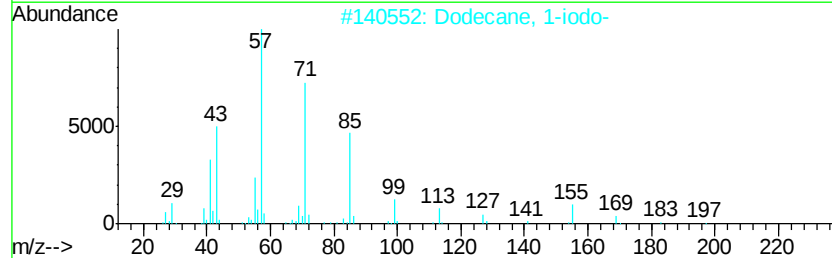
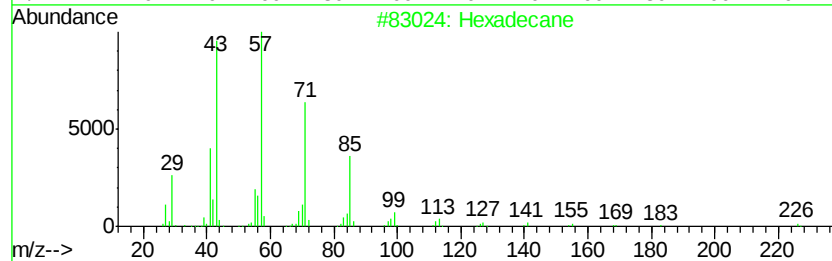
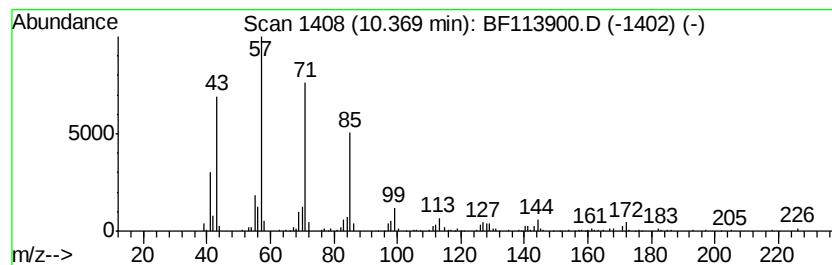
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Hexadecane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.37	4.64 ng	296164	Acenaphthene-d10	9.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
3		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	80
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
5		Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113900.D
 Acq On : 23 Apr 2019 1:21
 Operator : JU/SJ
 Sample : K2193-09 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

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
Nonane, 2-methyl-	6.44	5.3	ng	267729	1	6.90	1012760	20.0
unknown6.66	6.66	18.5	ng	935803	1	6.90	1012760	20.0
Decane	6.75	18.4	ng	934359	1	6.90	1012760	20.0
Mesitylene	6.96	5.4	ng	272914	1	6.90	1012760	20.0
Benzene, 1-methyl...	7.18	9.1	ng	459952	1	6.90	1012760	20.0
Benzene, 1,3-diet...	7.22	8.4	ng	427308	1	6.90	1012760	20.0
Dodecane, 2,6,11-...	7.25	5.4	ng	273301	1	6.90	1012760	20.0
Decane, 3-methyl-	7.29	11.4	ng	579541	1	6.90	1012760	20.0
Undecane, 2,6-dim...	8.25	6.2	ng	813986	2	8.18	2631440	20.0
unknown8.47	8.47	6.1	ng	799510	2	8.18	2631440	20.0
Undecane, 2,3-dim...	8.77	10.0	ng	1313190	2	8.18	2631440	20.0
Nonane, 2-methyl-...	9.06	6.1	ng	387798	3	9.93	1276960	20.0
Heptylcyclohexane	9.09	5.2	ng	334317	3	9.93	1276960	20.0
Octadecane, 1-iodo-	9.14	5.9	ng	377636	3	9.93	1276960	20.0
Tridecane	9.34	15.2	ng	971697	3	9.93	1276960	20.0
Naphthalene, 2,7-...	9.59	5.3	ng	341111	3	9.93	1276960	20.0
Dodecane, 4-methyl-	9.66	8.9	ng	567099	3	9.93	1276960	20.0
Pentadecane	9.87	7.1	ng	456108	3	9.93	1276960	20.0
Hexadecane	10.37	4.6	ng	296164	3	9.93	1276960	20.0