

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119448.D
 Acq On : 19 Mar 2020 19:56
 Operator : CG/JU
 Sample : L1978-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A

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-BF031820.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	2.122	3	6	20	rVB	307201	436828	6.54%	0.258%
2	5.457	568	573	576	rBV	6701351	6514234	97.59%	3.843%
3	6.387	728	731	737	rBV2	699865	824681	12.36%	0.487%
4	6.469	737	745	748	rBV	5993132	6674809	100.00%	3.938%
5	6.604	762	768	771	rBV3	313363	534172	8.00%	0.315%
6	6.781	789	798	799	rBV4	336542	554694	8.31%	0.327%
7	6.845	806	809	811	rVV	2188829	2148318	32.19%	1.267%
8	6.869	811	813	816	rVB	1507248	1120300	16.78%	0.661%
9	6.910	817	820	823	rVB3	493169	562297	8.42%	0.332%
10	6.969	828	830	832	rBV	535330	392811	5.88%	0.232%
11	7.004	832	836	840	rVB	6139829	5603529	83.95%	3.306%
12	7.087	847	850	852	rBV2	547032	476779	7.14%	0.281%
13	7.128	852	857	860	rBV	1279832	1444669	21.64%	0.852%
14	7.163	860	863	865	rVB	914800	782526	11.72%	0.462%
15	7.192	865	868	872	rBV2	1262989	1331434	19.95%	0.785%
16	7.239	872	876	880	rBV2	1203026	1407133	21.08%	0.830%
17	7.281	880	883	889	rVB5	419991	606757	9.09%	0.358%
18	7.410	895	905	907	rBV2	4617875	5748096	86.12%	3.391%
19	7.434	907	909	911	rBV	452002	423142	6.34%	0.250%
20	7.451	911	912	916	rVB2	478049	408525	6.12%	0.241%
21	7.504	916	921	924	rBV5	802124	1227239	18.39%	0.724%
22	7.563	924	931	934	rBV3	1155496	2127080	31.87%	1.255%
23	7.639	941	944	946	rBV	1409775	1431654	21.45%	0.845%
24	7.663	946	948	950	rVB	1074889	835565	12.52%	0.493%
25	7.692	950	953	956	rBV	455332	421850	6.32%	0.249%
26	7.739	958	961	963	rBV2	804033	957417	14.34%	0.565%
27	7.757	963	964	966	rVV2	667538	412365	6.18%	0.243%
28	7.781	966	968	971	rVB3	1359836	1124629	16.85%	0.663%
29	7.822	971	975	978	rBV2	2231031	2950145	44.20%	1.740%
30	7.857	978	981	983	rVB	2029311	1709516	25.61%	1.009%
31	7.892	983	987	990	rBV	1723786	1964196	29.43%	1.159%
32	7.934	990	994	996	rBV	2092380	1782409	26.70%	1.052%
33	7.957	996	998	1002	rVB2	611463	703669	10.54%	0.415%
34	8.022	1005	1009	1011	rBV4	478488	639200	9.58%	0.377%

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 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.092	1016	1021	1023	rBV3	967252	1340795	20.09%	0.791%
36	8.134	1023	1028	1032	rVB	3118036	3638294	54.51%	2.146%
37	8.204	1035	1040	1042	rVB	5327482	4811945	72.09%	2.839%
38	8.234	1042	1045	1052	rVB4	1585629	3204946	48.02%	1.891%
39	8.292	1052	1055	1061	rBV2	910203	1797803	26.93%	1.061%
40	8.345	1061	1064	1066	rBV2	935682	1006860	15.08%	0.594%
41	8.369	1066	1068	1072	rVB3	843236	830794	12.45%	0.490%
42	8.410	1072	1075	1077	rBV3	957619	1219191	18.27%	0.719%
43	8.439	1077	1080	1082	rVV3	2457499	3319077	49.73%	1.958%
44	8.486	1085	1088	1091	rVB2	2352023	1930189	28.92%	1.139%
45	8.522	1091	1094	1098	rBV3	1394628	1453868	21.78%	0.858%
46	8.563	1098	1101	1103	rBV	5103926	4971347	74.48%	2.933%
47	8.604	1106	1108	1111	rVB	1177328	1038608	15.56%	0.613%
48	8.645	1113	1115	1118	rVB2	556488	445179	6.67%	0.263%
49	8.686	1118	1122	1126	rBV5	850663	1463839	21.93%	0.864%
50	8.733	1127	1130	1134	rBV3	1277392	1473259	22.07%	0.869%
51	8.775	1134	1137	1139	rBV3	812658	1079806	16.18%	0.637%
52	8.834	1143	1147	1150	rVB2	2332421	2972743	44.54%	1.754%
53	8.863	1150	1152	1155	rBV3	538853	761324	11.41%	0.449%
54	8.892	1155	1157	1159	rVB2	674749	542237	8.12%	0.320%
55	8.928	1159	1163	1165	rBV5	933292	1247128	18.68%	0.736%
56	8.992	1172	1174	1176	rBV2	613839	600984	9.00%	0.355%
57	9.016	1176	1178	1180	rVV	2496890	2467250	36.96%	1.456%
58	9.051	1183	1184	1189	rVB2	2236139	2438998	36.54%	1.439%
59	9.098	1189	1192	1196	rBV2	1315677	1445270	21.65%	0.853%
60	9.139	1196	1199	1201	rBV	2218178	1711941	25.65%	1.010%
61	9.169	1201	1204	1207	rVV	3680645	3182544	47.68%	1.878%
62	9.216	1208	1212	1215	rVB	7241292	6406059	95.97%	3.779%
63	9.257	1215	1219	1221	rBV3	355483	556927	8.34%	0.329%
64	9.310	1223	1228	1231	rBV2	1443159	2073881	31.07%	1.223%
65	9.339	1231	1233	1236	rVV2	750861	665945	9.98%	0.393%
66	9.416	1244	1246	1249	rVB3	913318	887613	13.30%	0.524%
67	9.463	1249	1254	1257	rBV2	856207	1255553	18.81%	0.741%
68	9.492	1257	1259	1261	rVB	944756	730038	10.94%	0.431%
69	9.557	1267	1270	1272	rBV	1220495	1050556	15.74%	0.620%
70	9.581	1272	1274	1276	rVB	1274460	1003459	15.03%	0.592%
71	9.622	1276	1281	1284	rBV3	5113675	6278310	94.06%	3.704%

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72	9.651	1284	1286	1288	rVB3	908873	791924	11.86%	0.467%
73	9.681	1288	1291	1293	rVB	1224874	899551	13.48%	0.531%
74	9.710	1293	1296	1298	rBV2	503564	507203	7.60%	0.299%
75	9.798	1309	1311	1314	rBV3	643805	888130	13.31%	0.524%
76	9.828	1314	1316	1318	rVV	686167	745844	11.17%	0.440%
77	9.869	1321	1323	1325	rVV	1461263	1622070	24.30%	0.957%
78	9.892	1325	1327	1330	rVV	3163075	2955951	44.29%	1.744%
79	9.933	1333	1334	1337	rVV	650661	607473	9.10%	0.358%
80	9.963	1337	1339	1344	rVV2	557903	807621	12.10%	0.476%
81	10.004	1344	1346	1351	rVB2	620240	532015	7.97%	0.314%
82	10.063	1352	1356	1359	rVV2	1318424	2028401	30.39%	1.197%
83	10.092	1359	1361	1363	rVV	1271918	1132553	16.97%	0.668%
84	10.122	1363	1366	1368	rVV	855279	822345	12.32%	0.485%
85	10.163	1369	1373	1375	rVV2	1564747	1822208	27.30%	1.075%
86	10.275	1389	1392	1395	rVB	766254	877525	13.15%	0.518%
87	10.328	1395	1401	1404	rBV2	693904	1235975	18.52%	0.729%
88	10.363	1404	1407	1409	rVV2	540862	654070	9.80%	0.386%
89	10.386	1409	1411	1416	rVB2	605675	617176	9.25%	0.364%
90	10.492	1427	1429	1433	rVB2	438185	478700	7.17%	0.282%
91	10.551	1434	1439	1442	rBV	2562111	3041791	45.57%	1.794%
92	10.680	1456	1461	1464	rVB2	3876223	3771154	56.50%	2.225%
93	10.822	1480	1485	1492	rVB	2219944	2911832	43.62%	1.718%
94	11.286	1561	1564	1569	rVB	1052476	1114894	16.70%	0.658%
95	11.380	1577	1580	1583	rBV	2588034	2177971	32.63%	1.285%
96	11.910	1667	1670	1674	rBV	797358	675659	10.12%	0.399%
97	12.374	1747	1749	1753	rVB	575915	492729	7.38%	0.291%
98	12.439	1757	1760	1762	rBV2	395700	415962	6.23%	0.245%
99	12.704	1802	1805	1807	rBV2	555245	682461	10.22%	0.403%
100	12.974	1847	1851	1854	rBV	4880556	4610848	69.08%	2.720%

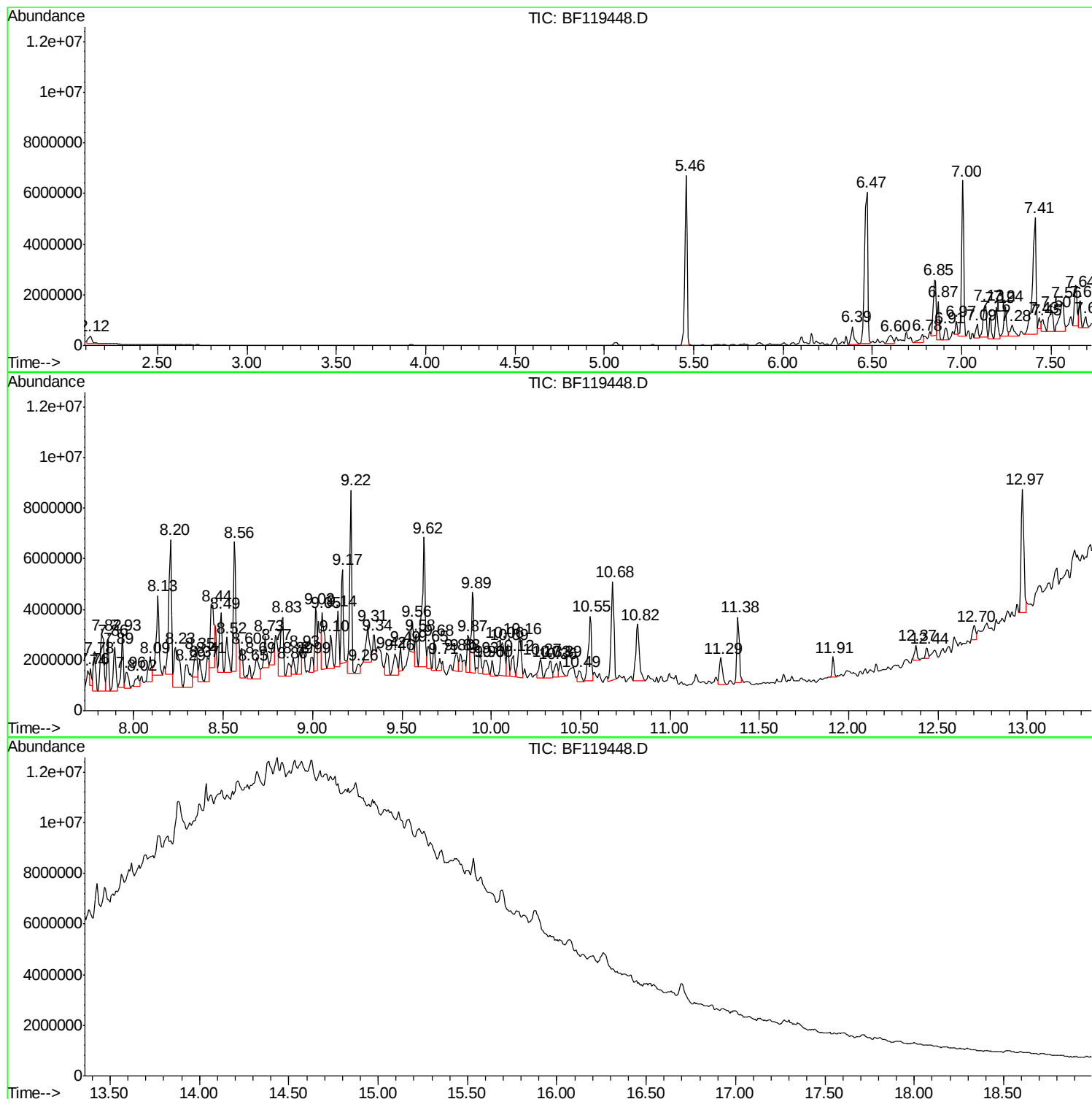
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Instrument :
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ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.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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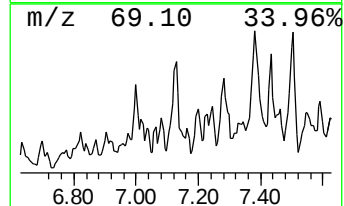
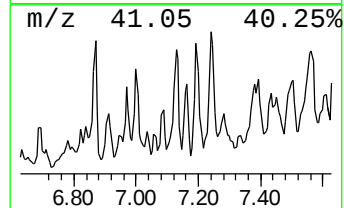
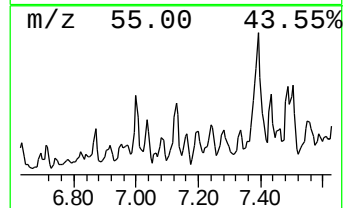
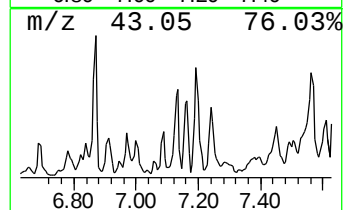
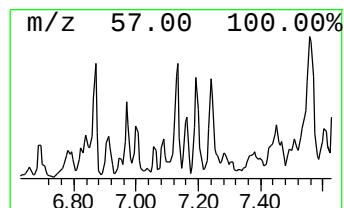
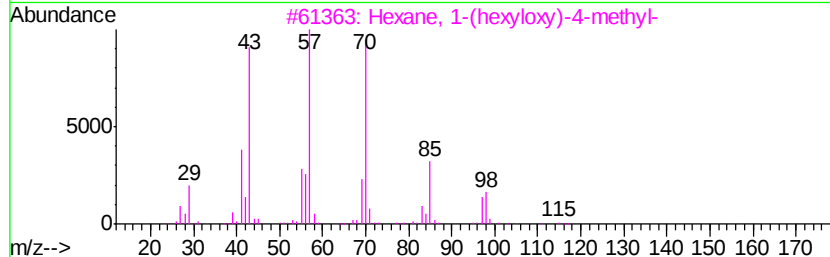
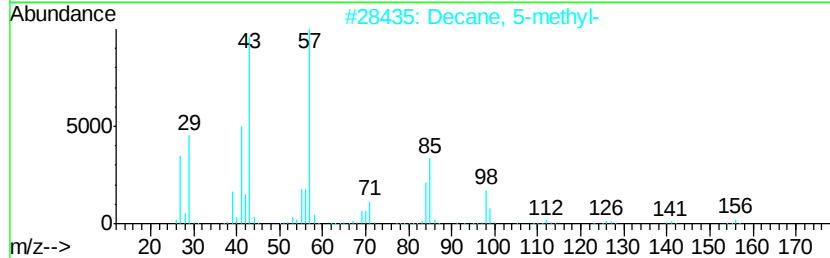
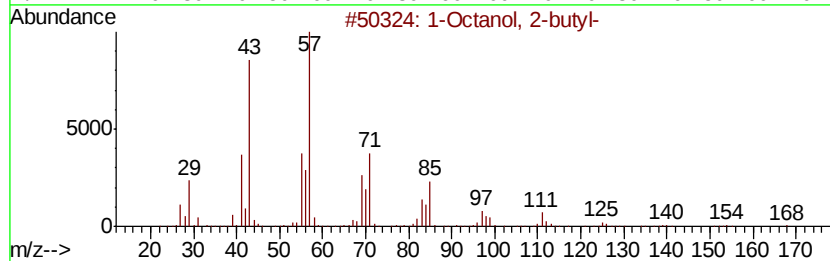
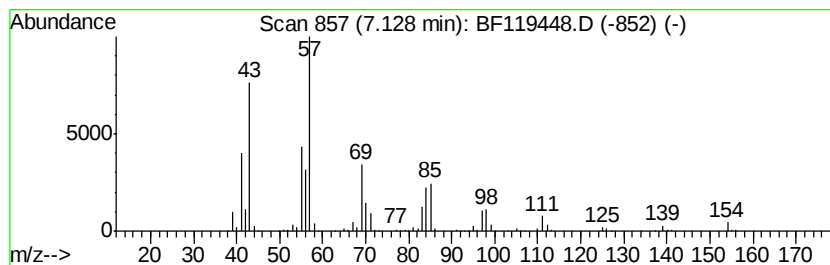
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 1-Octanol, 2-butyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.13	13.45 ng	1444670	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	53
2		Decane, 5-methyl-	156	C11H24	013151-35-4	53
3		Hexane, 1-(hexyloxy)-4-methyl-	200	C13H28O	074421-20-8	53
4		Hexane, 1-(hexyloxy)-5-methyl-	200	C13H28O	074421-19-5	52
5		1-Decanol, 2-octyl-	270	C18H38O	045235-48-1	47



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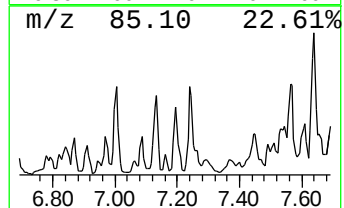
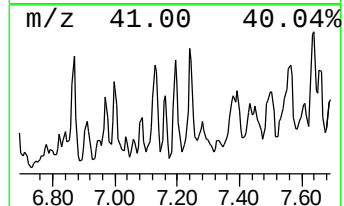
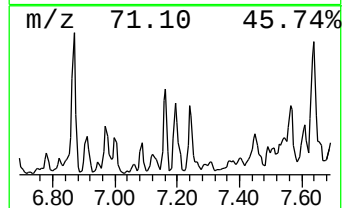
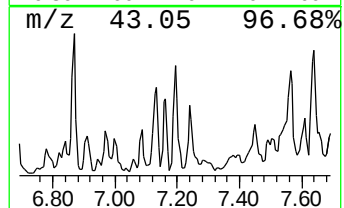
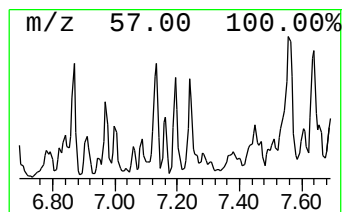
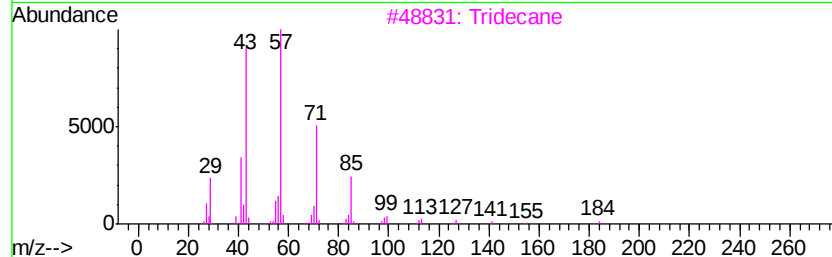
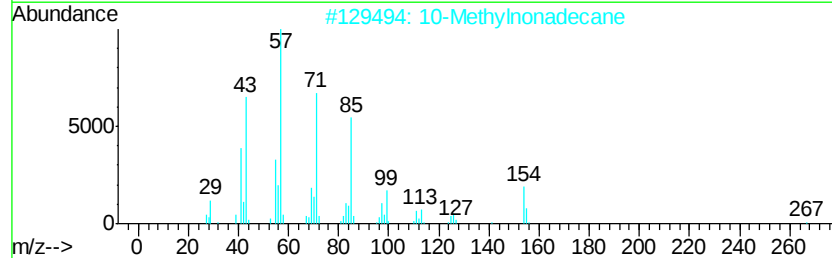
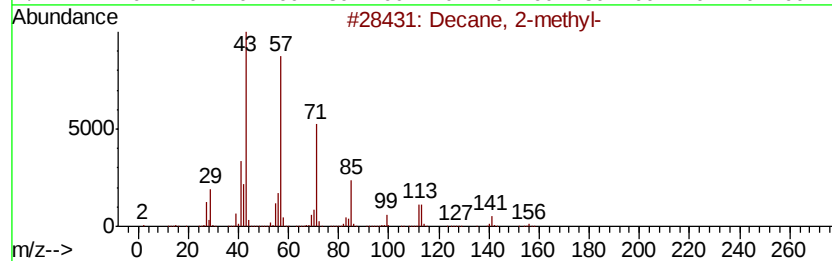
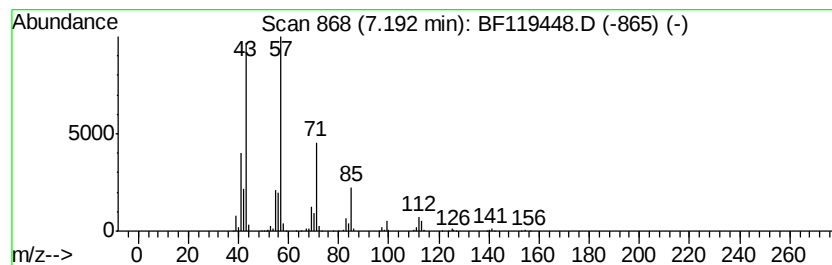
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Decane, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	12.40 ng	1331430	1,4-Dichlorobenzene-d4	6.85

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decane, 2-methyl-	156	C11H24	006975-98-0	78
2			10-Methylnonadecane	282	C20H42	056862-62-5	72
3			Tridecane	184	C13H28	000629-50-5	64
4			Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5			Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	53



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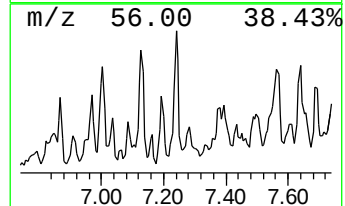
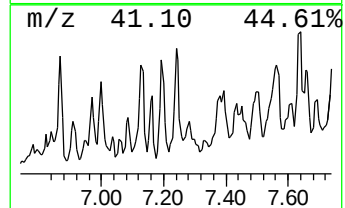
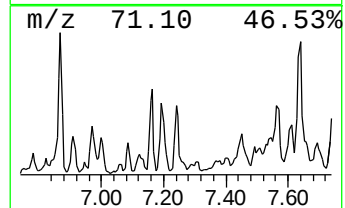
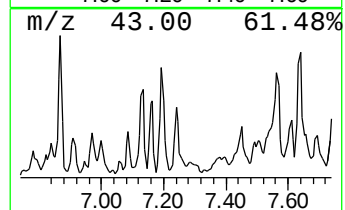
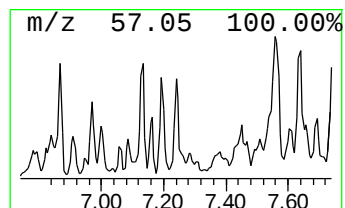
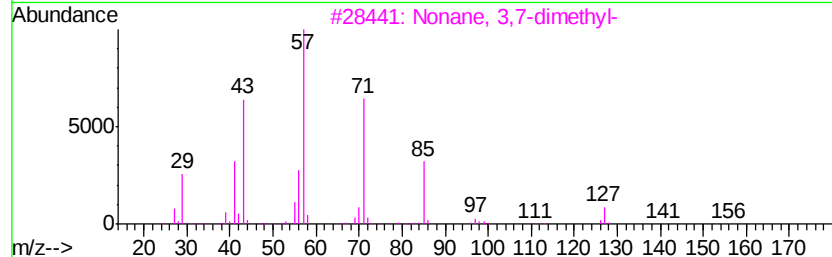
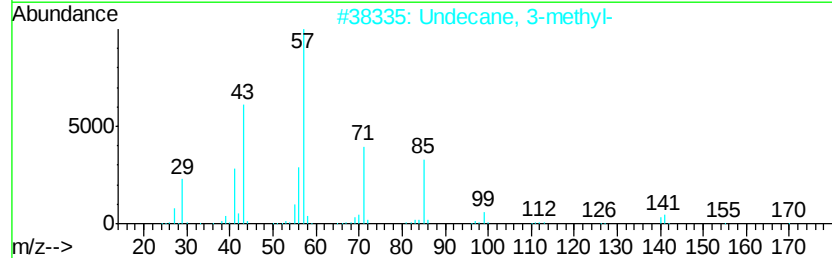
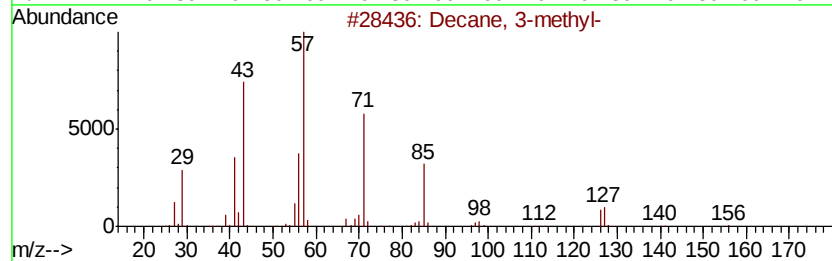
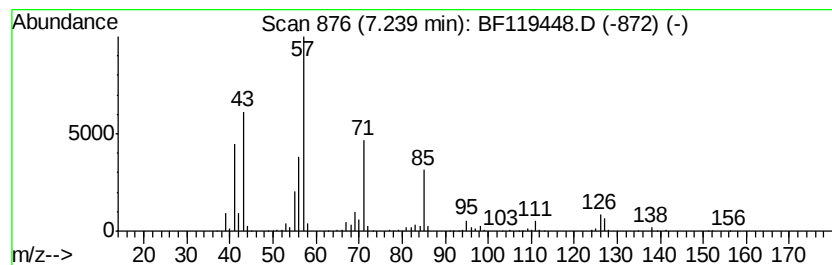
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Decane, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.24	13.10 ng	1407130	1,4-Dichlorobenzene-d4	6.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 3-methyl-	156	C11H24	013151-34-3	72
2		Undecane, 3-methyl-	170	C12H26	001002-43-3	59
3		Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4		Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	50
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
Operator : CG/JU
Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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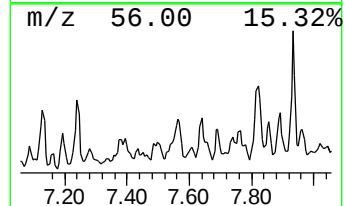
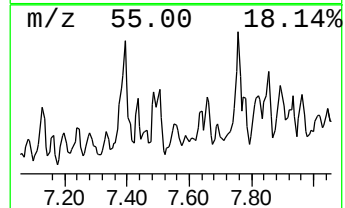
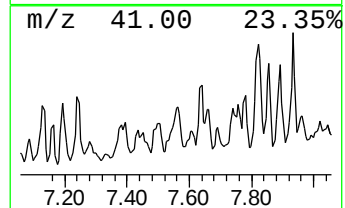
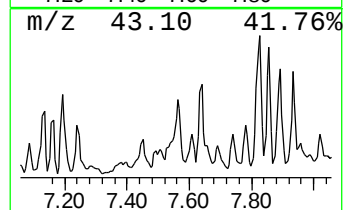
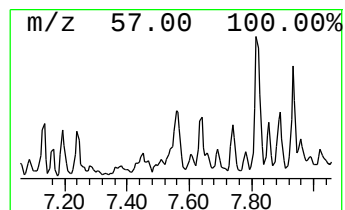
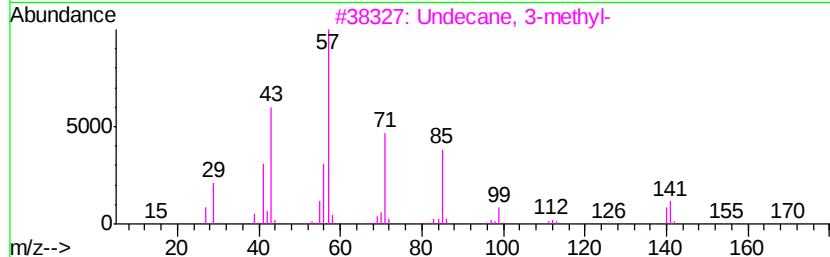
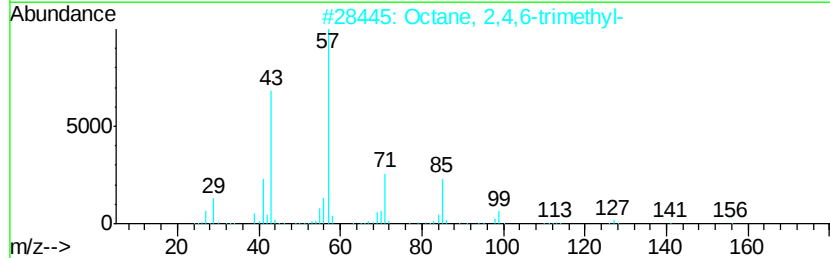
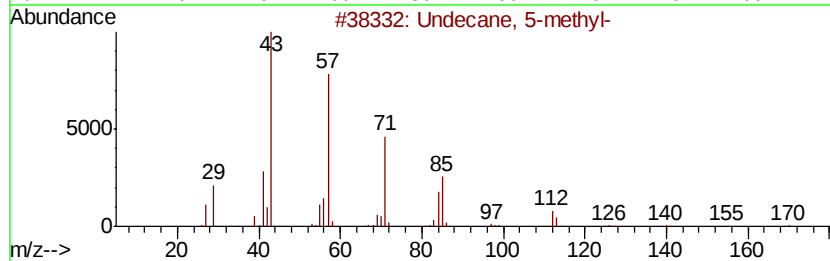
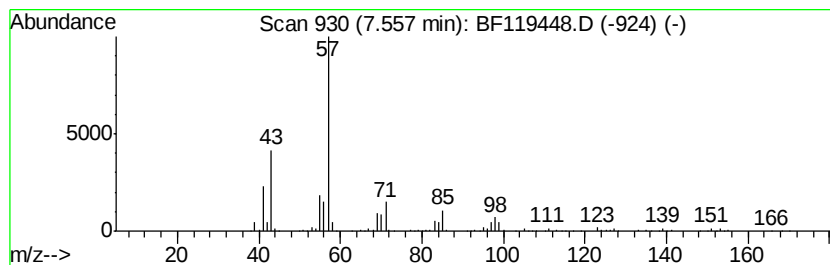
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Undecane, 5-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	11.69 ng	2127080	Naphthalene-d8	8.13

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5-methyl-	170	C12H26	001632-70-8	76	
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	64	
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	58	
4	Undecane, 5,7-dimethyl-	184	C13H28	017312-83-3	53	
5	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	53	



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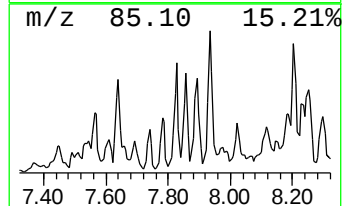
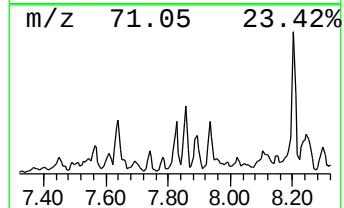
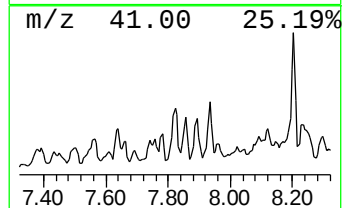
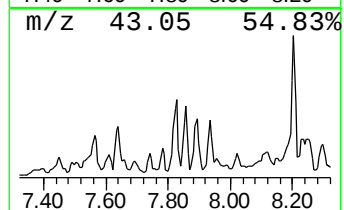
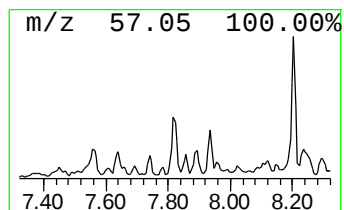
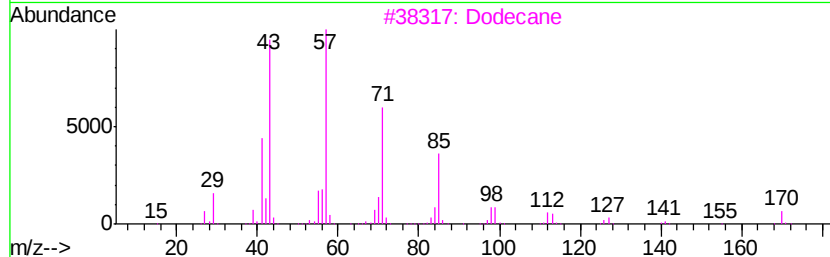
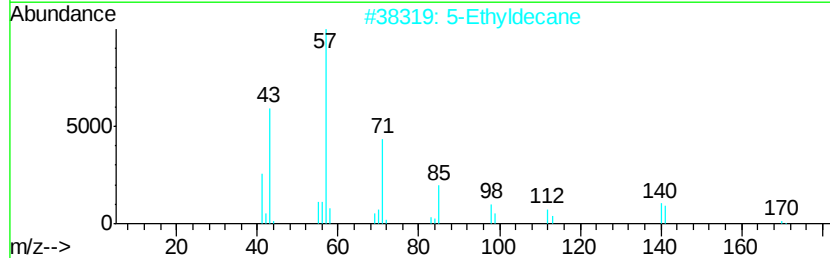
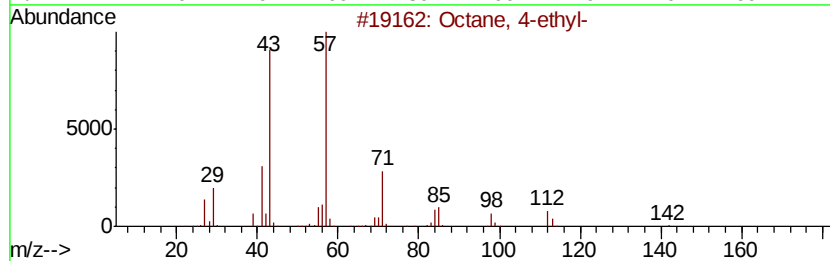
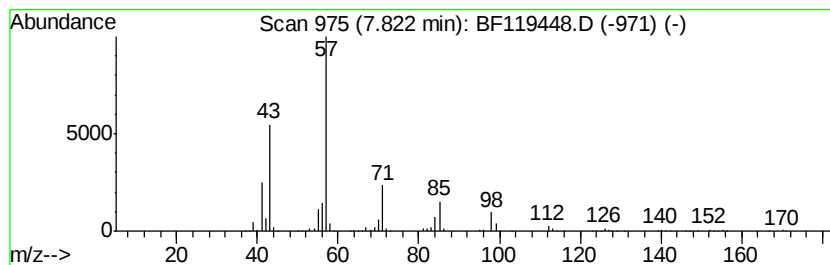
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 6 Octane, 4-ethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	16.22 ng	2950150	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 4-ethyl-	142	C10H22	015869-86-0	64
2		5-Ethyldecane	170	C12H26	017302-36-2	59
3		Dodecane	170	C12H26	000112-40-3	53
4		Undecane, 3-methyl-	170	C12H26	001002-43-3	50
5		3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	50



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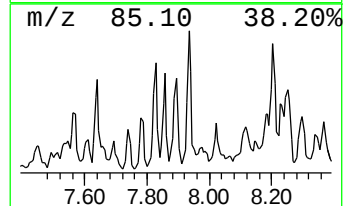
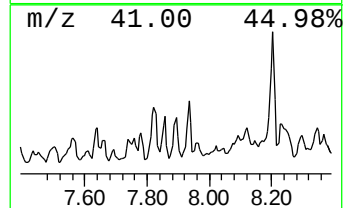
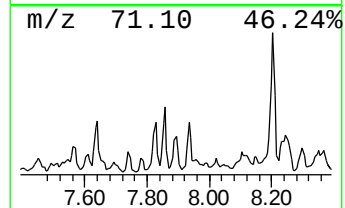
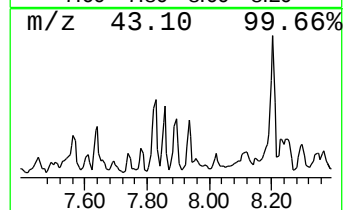
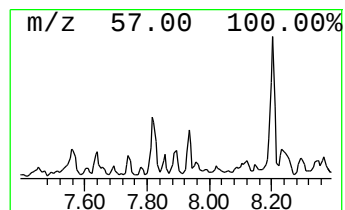
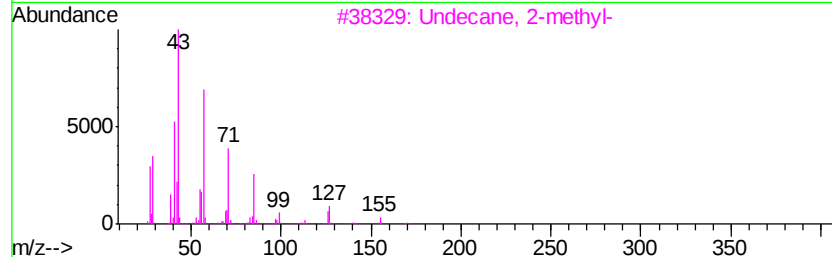
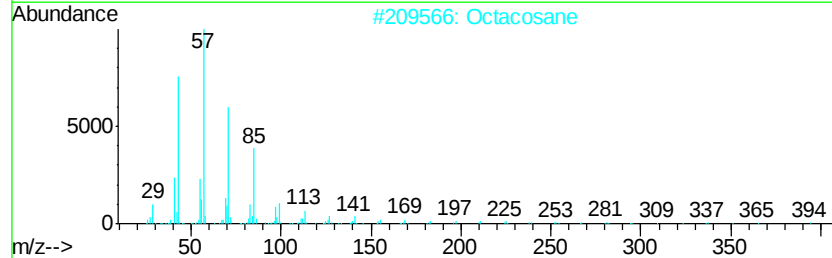
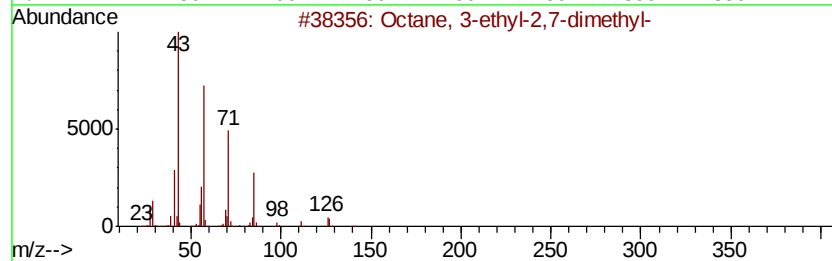
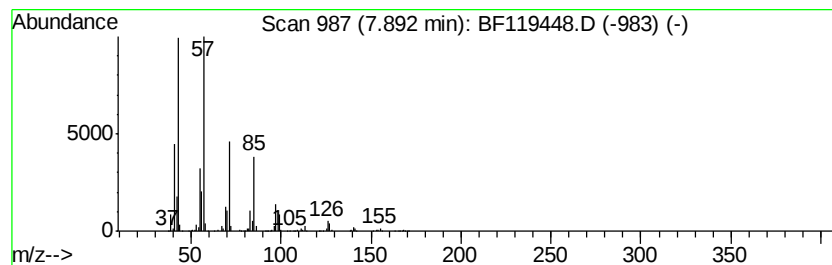
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Octane, 3-ethyl-2,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	10.80 ng	1964200	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	86
2		Octacosane	394	C28H58	000630-02-4	78
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	78
4		Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	59
5		Sulfurous acid, nonyl 2-propyl e...	250	C12H26O3S	1000309-12-0	53



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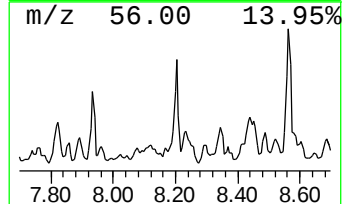
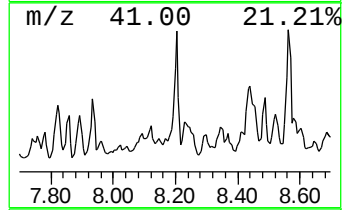
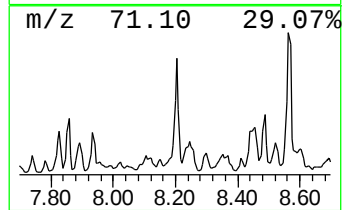
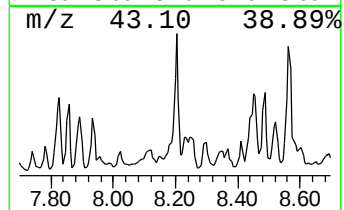
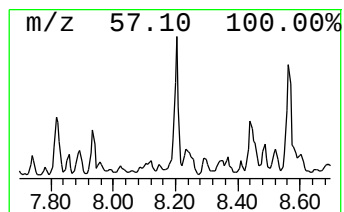
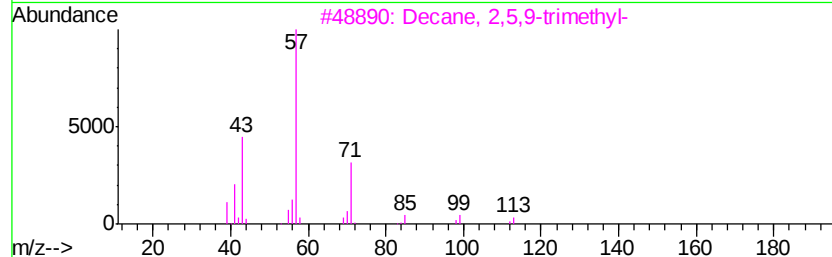
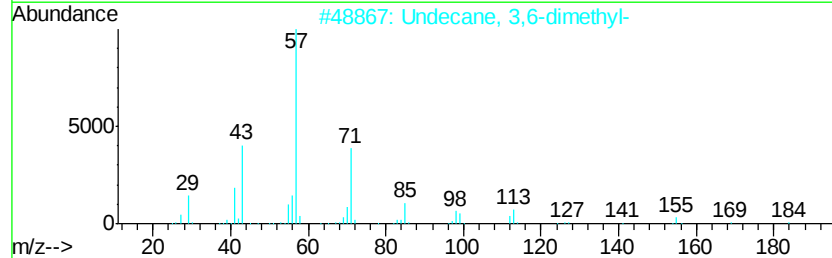
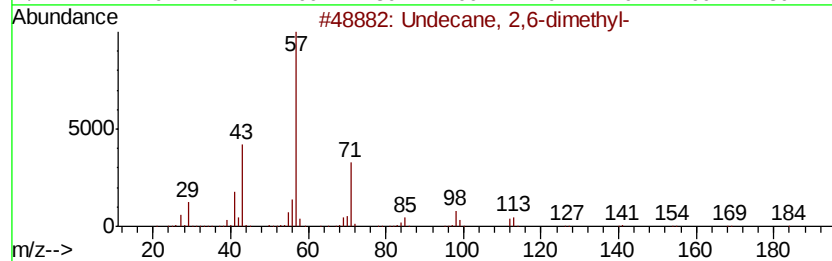
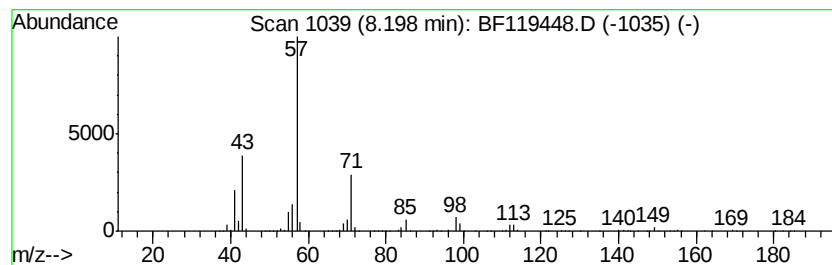
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 8 Undecane, 2,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	26.45 ng	4811950	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	97
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	86
3		Decane, 2,5,9-trimethyl-	184	C13H28	062108-22-9	72
4		Dodecane, 6-methyl-	184	C13H28	006044-71-9	72
5		Heptane, 3-(bromomethyl)-	192	C8H17Br	018908-66-2	59



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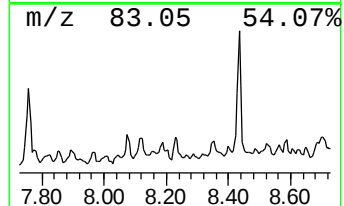
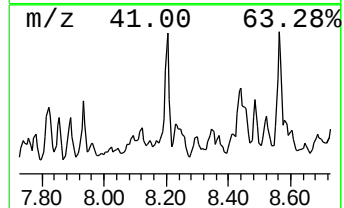
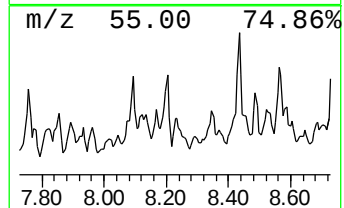
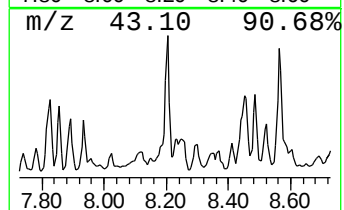
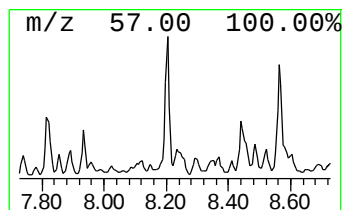
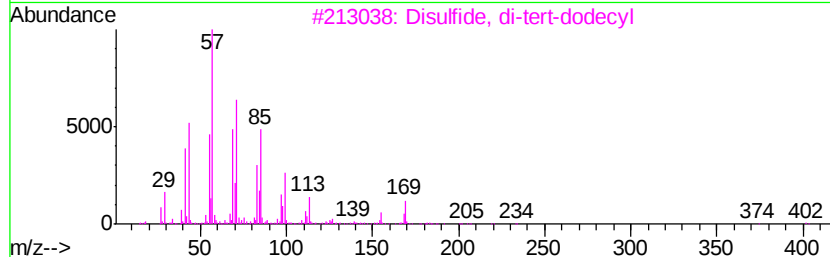
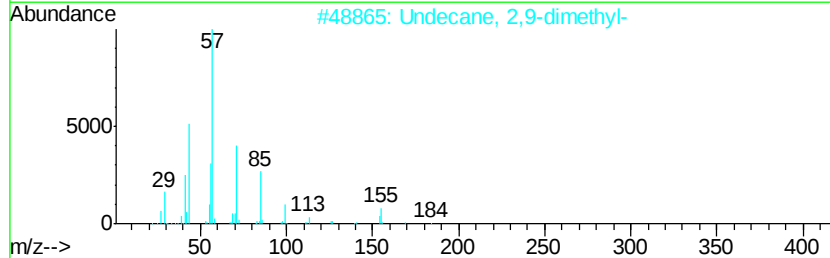
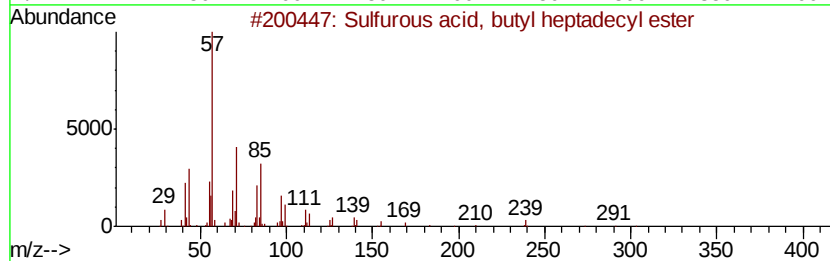
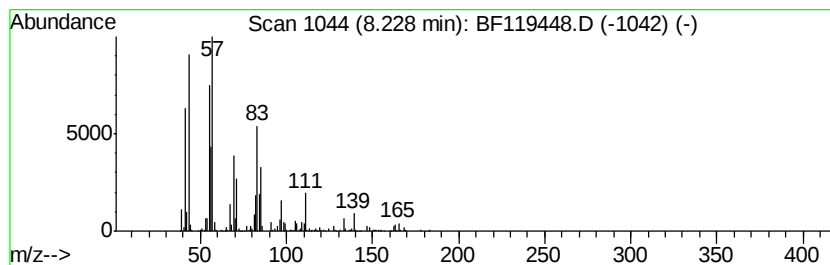
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Sulfurous acid, butyl hepta... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	17.62 ng	3204950	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	50
2		Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	43
3		Disulfide, di-tert-dodecyl	402	C24H50S2	027458-90-8	43
4		Undecane	156	C11H24	001120-21-4	38
5		2-methyltetracosane	352	C25H52	1000376-72-6	38



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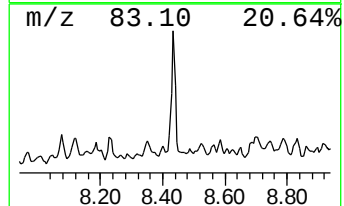
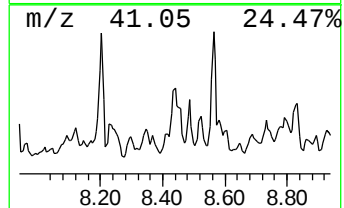
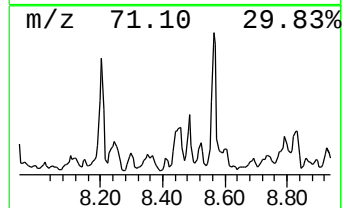
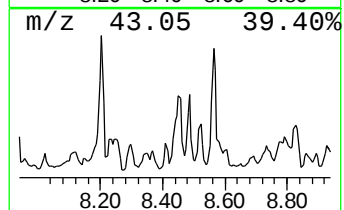
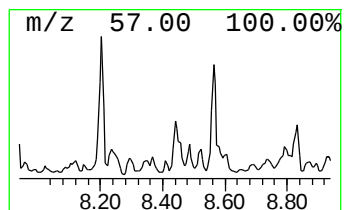
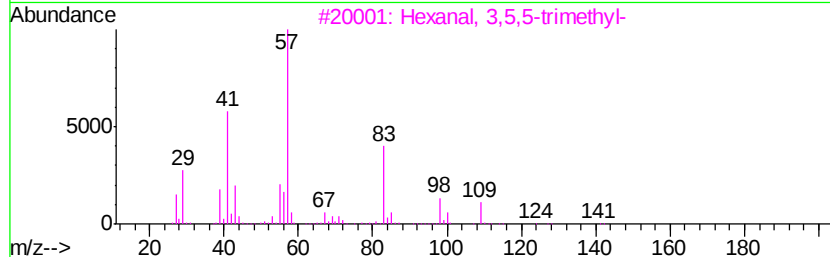
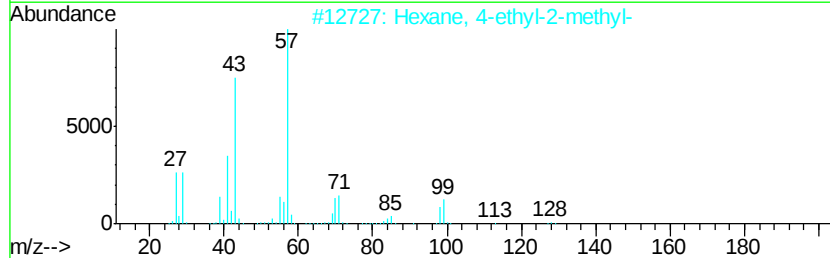
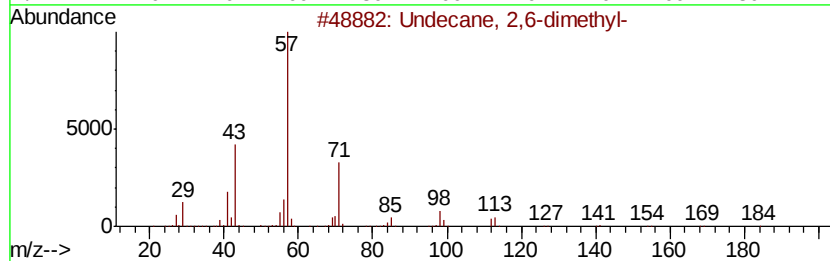
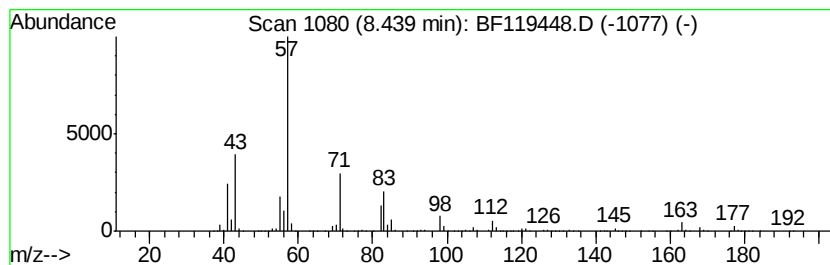
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 10 unknown8.44 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	18.25 ng	3319080	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
2		Hexane, 4-ethyl-2-methyl-	128	C9H20	003074-75-7	43
3		Hexanal, 3,5,5-trimethyl-	142	C9H18O	005435-64-3	43
4		Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	37
5		Octane, 4-ethyl-	142	C10H22	015869-86-0	37



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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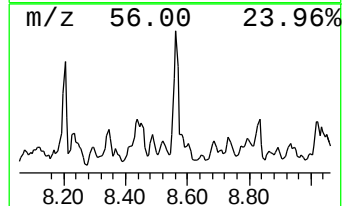
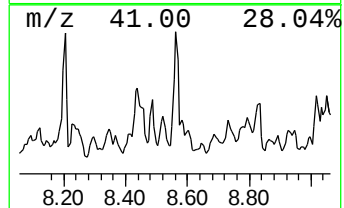
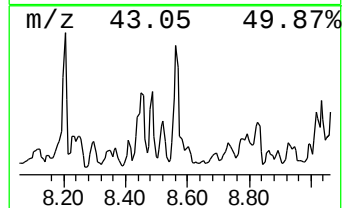
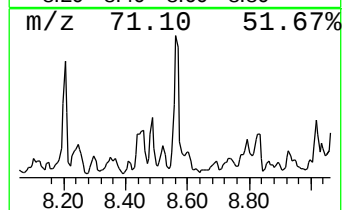
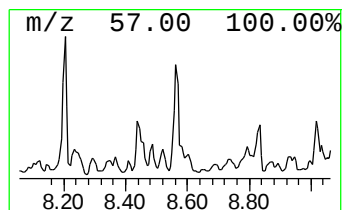
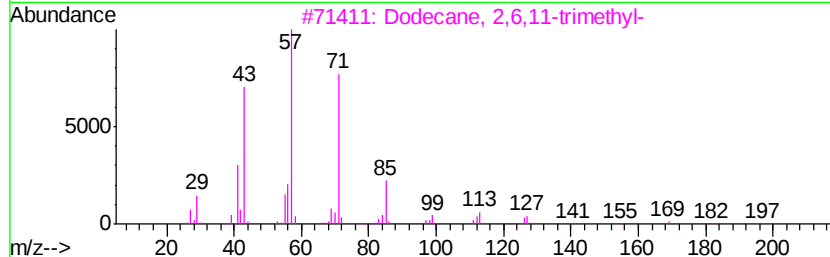
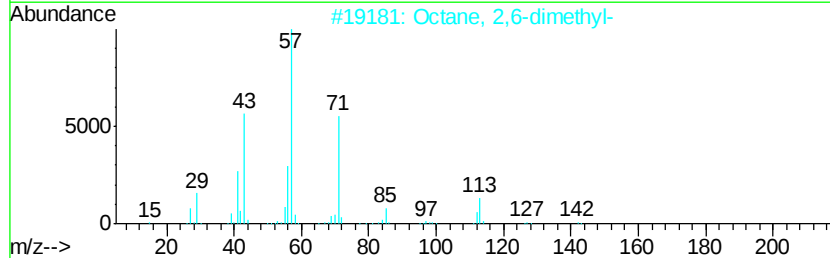
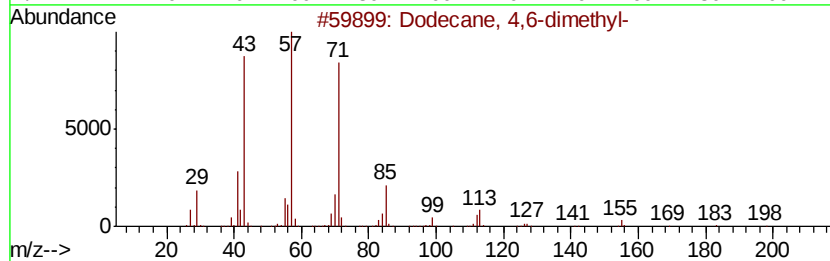
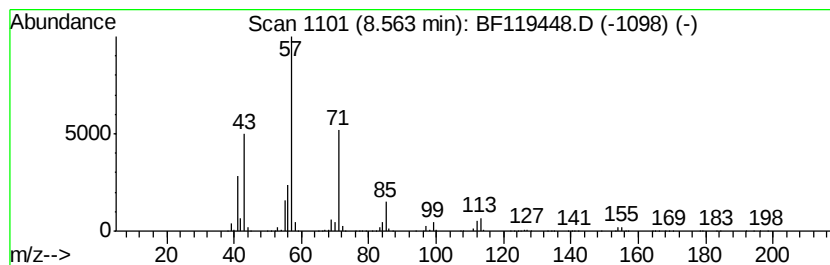
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane, 4,6-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.56	27.33 ng	4971350	Naphthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	76
2		Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
3		Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	72
4		Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5		Nonane, 3-methyl-	142	C10H22	005911-04-6	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
Operator : CG/JU
Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

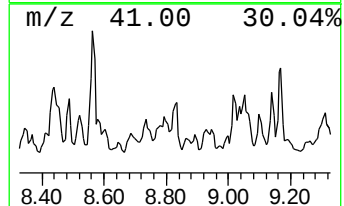
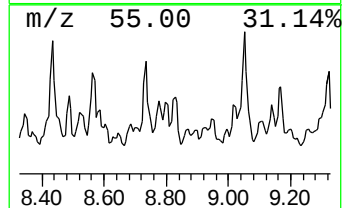
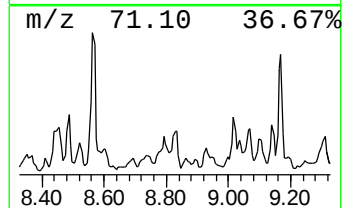
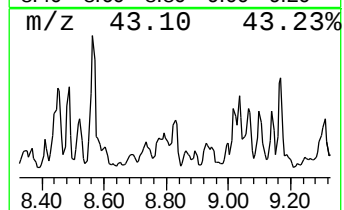
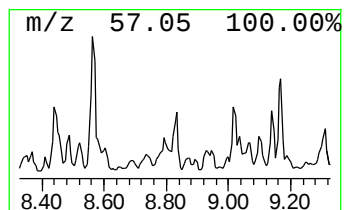
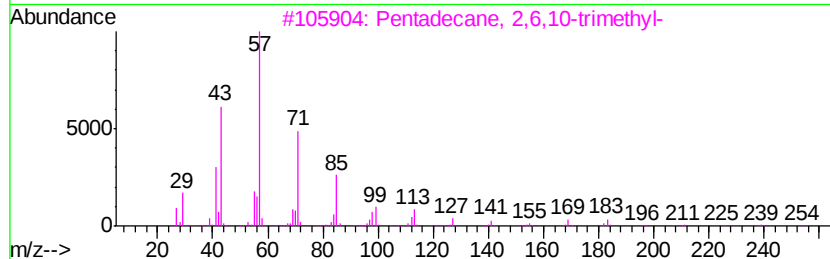
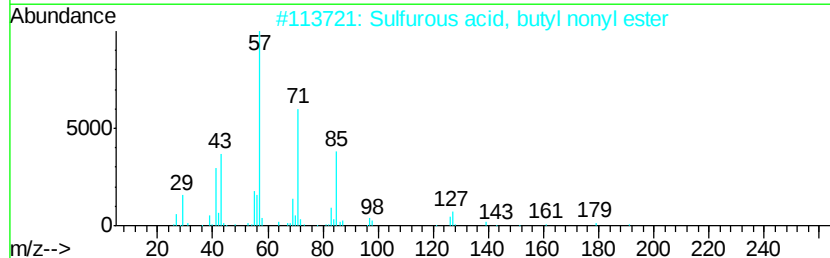
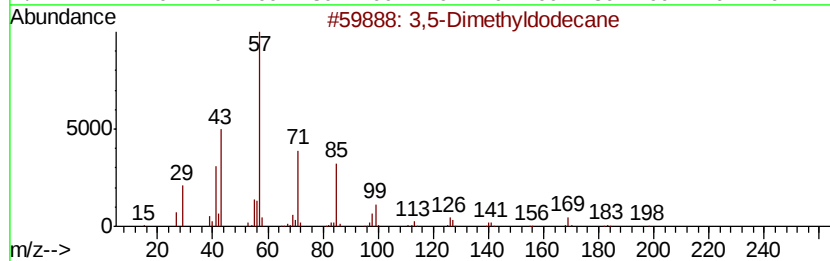
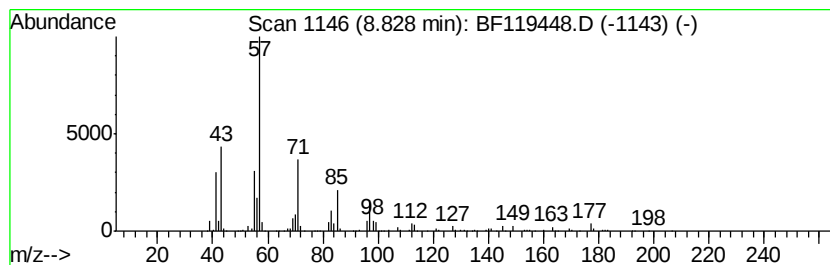
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 3,5-Dimethyldodecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.83	16.34 ng	2972740	Napthalene-d8	8.13

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	59
2		Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	59
4		Octane, 4-ethyl-	142	C10H22	015869-86-0	53
5		Undecane, 5-ethyl-	184	C13H28	017453-94-0	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
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ClientSampleId :
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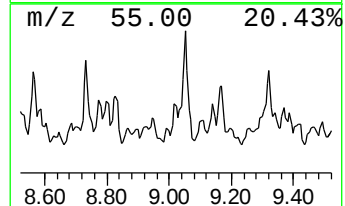
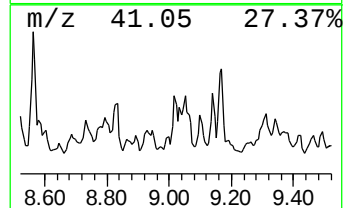
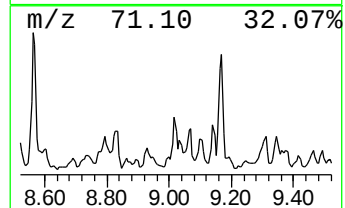
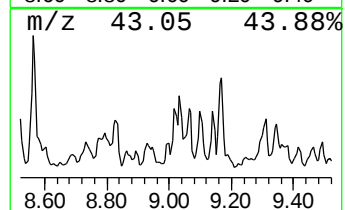
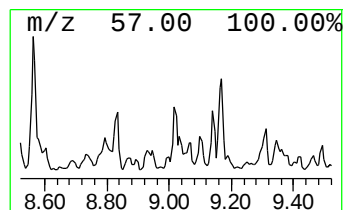
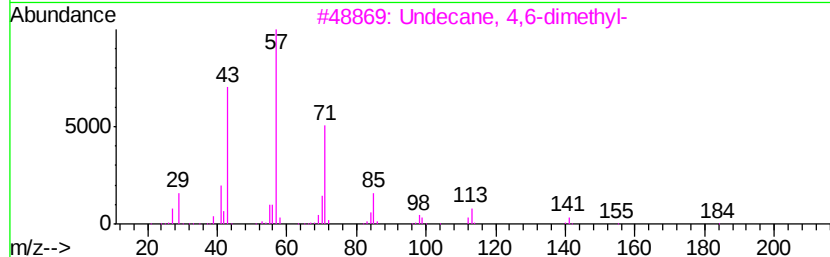
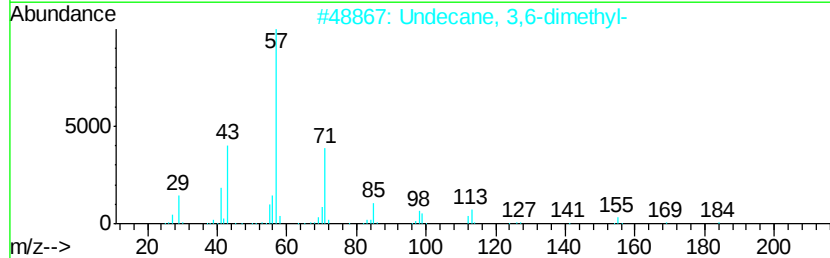
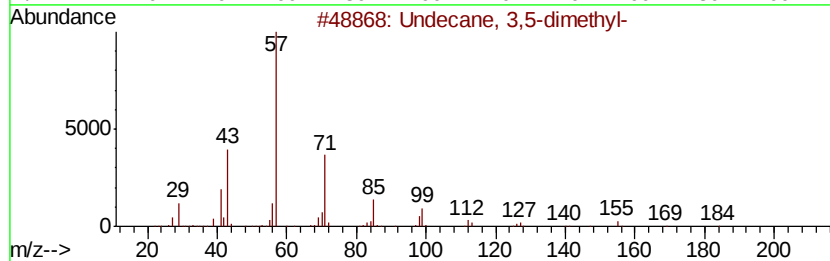
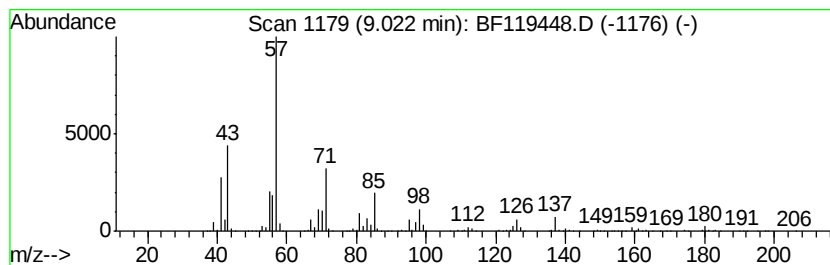
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Undecane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	16.69 ng	2467250	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	78
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	78
3		Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	74
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	72
5		Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
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Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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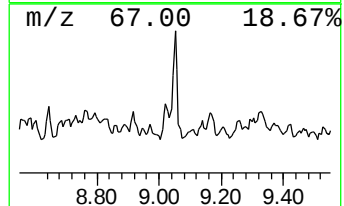
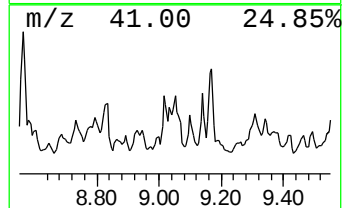
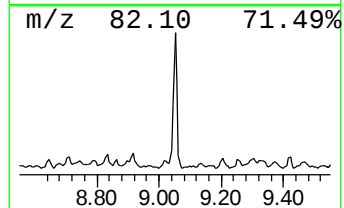
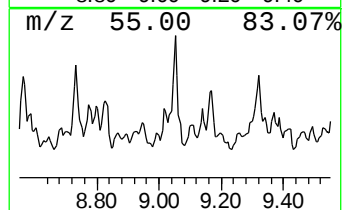
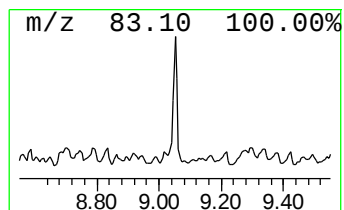
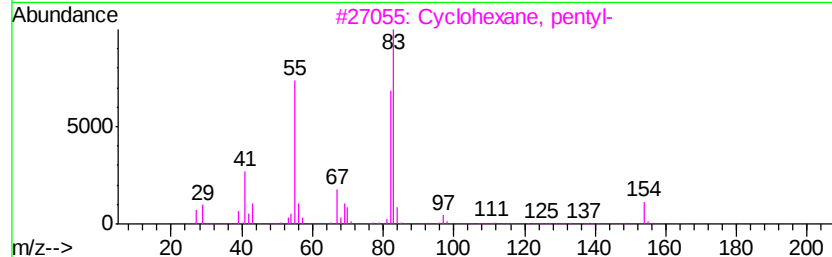
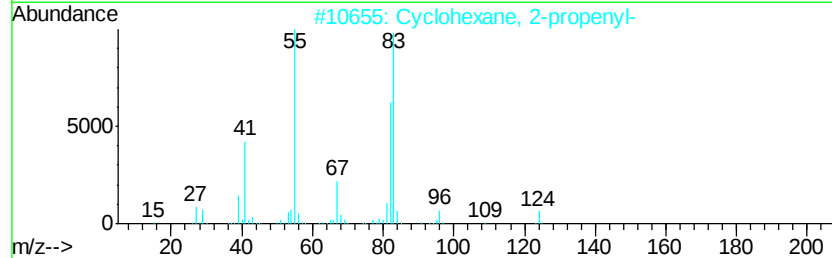
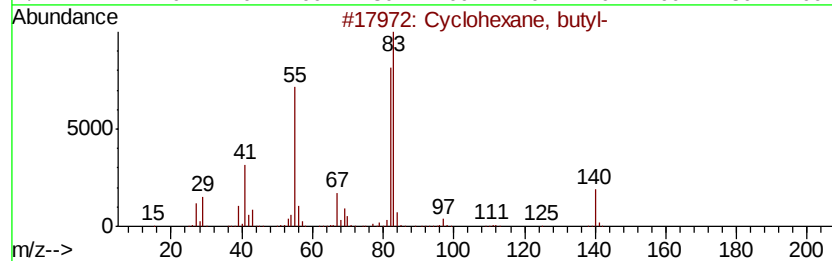
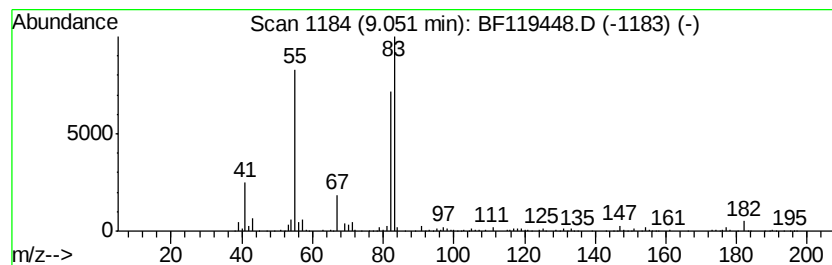
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Cyclohexane, butyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.05	16.50 ng	2439000	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, butyl-	140	C10H20	001678-93-9	78
2		Cyclohexane, 2-propenyl-	124	C9H16	002114-42-3	78
3		Cyclohexane, pentyl-	154	C11H22	004292-92-6	78
4		Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5		Heptylcyclohexane	182	C13H26	005617-41-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
Operator : CG/JU
Sample : L1978-10
Misc :
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Instrument :
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ClientSampleId :
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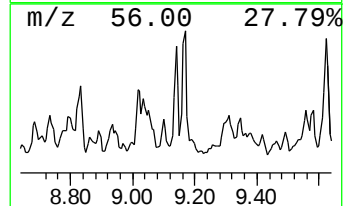
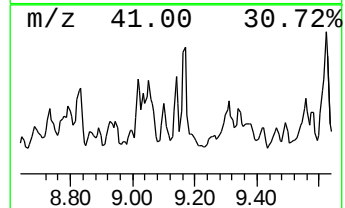
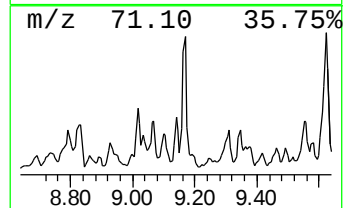
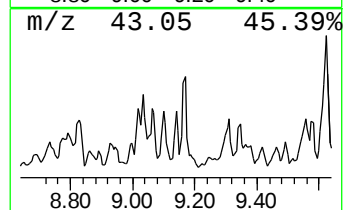
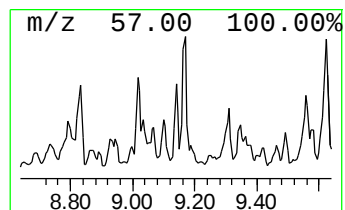
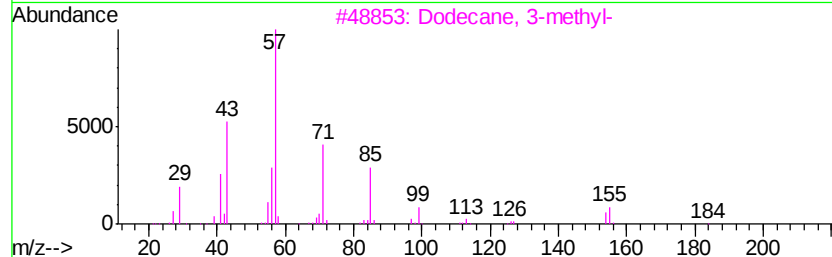
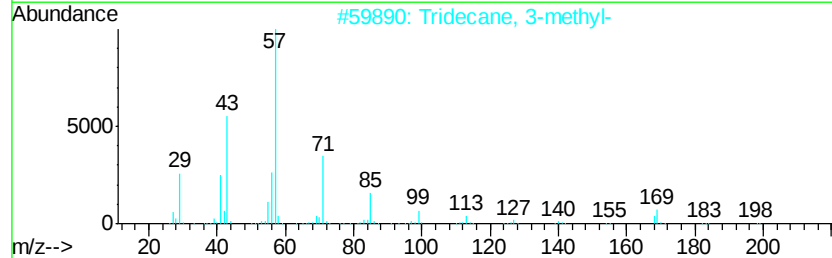
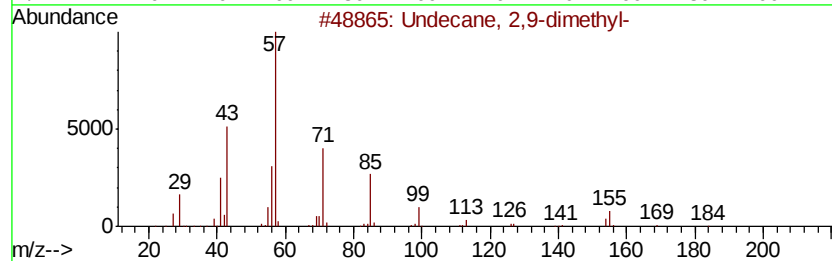
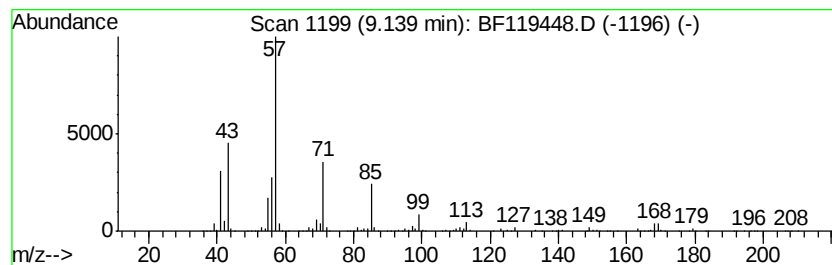
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 15 Undecane, 2,9-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	11.58 ng	1711940	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	80
2		Tridecane, 3-methyl-	198	C14H30	006418-41-3	72
3		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64
4		Pentadecane, 6-methyl-	226	C16H34	010105-38-1	53
5		Decane, 3-methyl-	156	C11H24	013151-34-3	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
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Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

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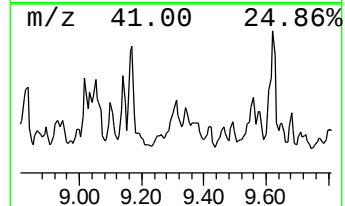
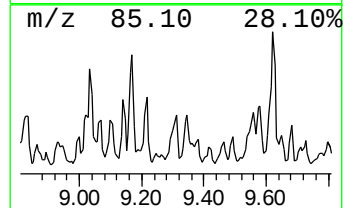
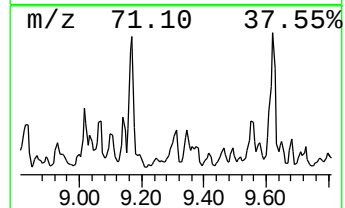
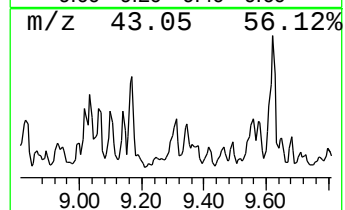
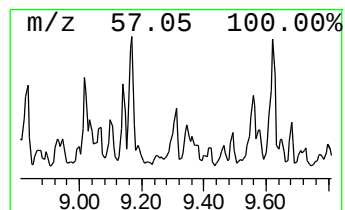
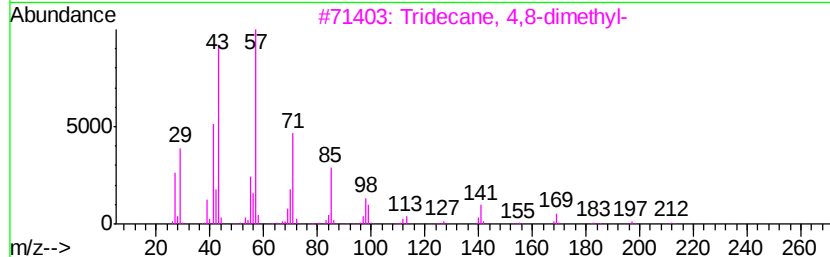
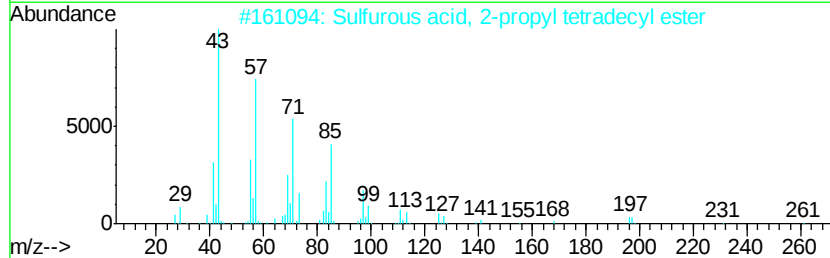
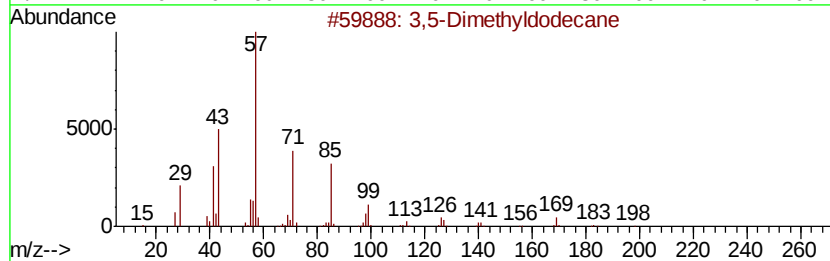
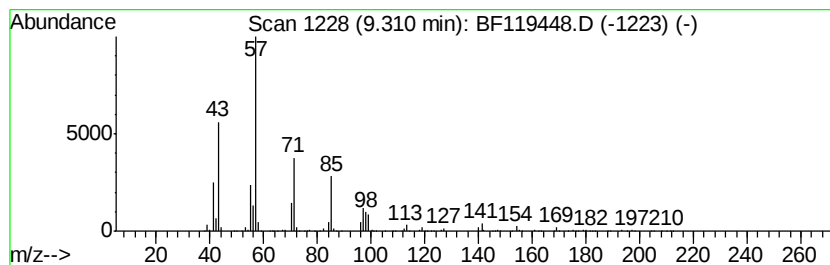
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Sulfurous acid, 2-propyl te... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	14.03 ng	2073880	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3,5-Dimethyldodecane	198	C14H30	107770-99-0	76
2		Sulfurous acid, 2-propyl tetradec...	320	C17H36O3S	1000309-12-5	59
3		Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	53
4		2,3-Dimethyldodecane	198	C14H30	006117-98-2	52
5		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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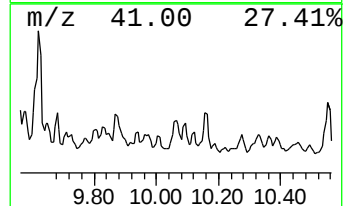
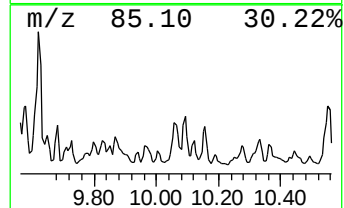
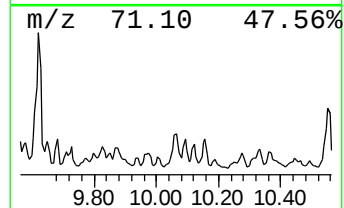
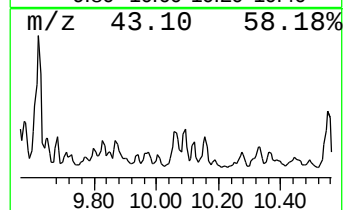
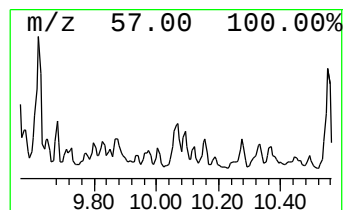
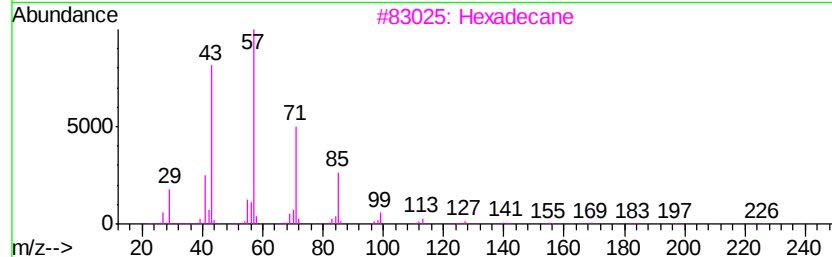
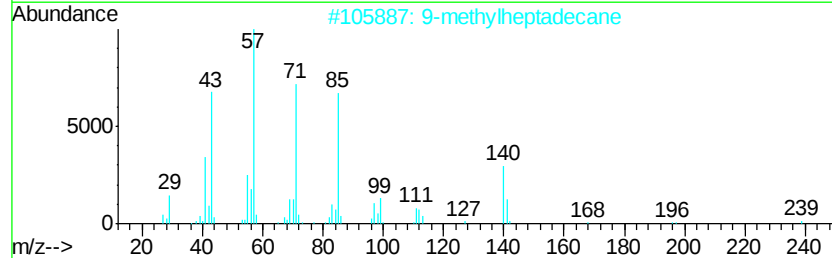
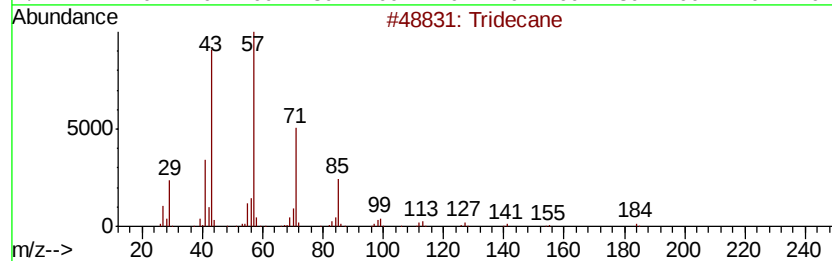
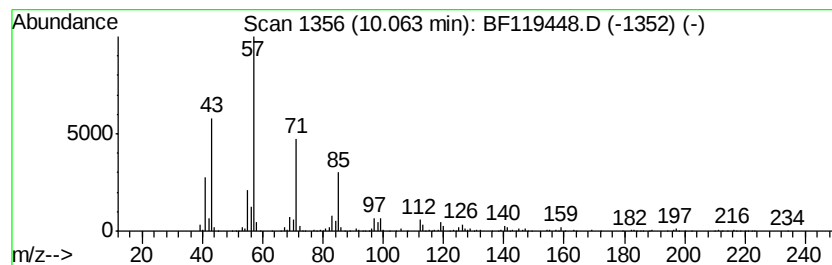
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Tridecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	13.72 ng	2028400	Acenaphthene-d10	9.89
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	9-methylheptadecane	254 C18H38	026741-18-4	80
3	Hexadecane	226 C16H34	000544-76-3	72
4	Tridecane, 6-methyl-	198 C14H30	013287-21-3	64
5	Dodecane, 2,6,11-trimethyl-	212 C15H32	031295-56-4	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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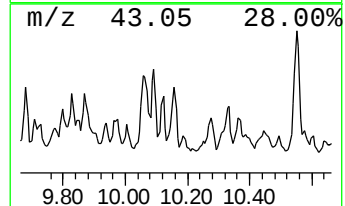
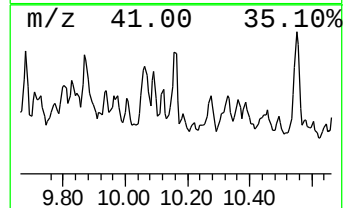
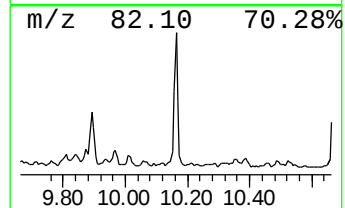
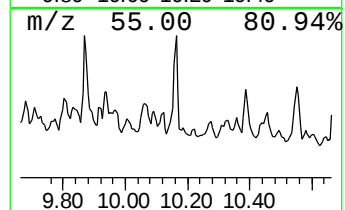
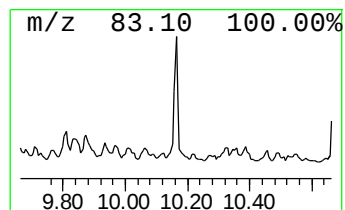
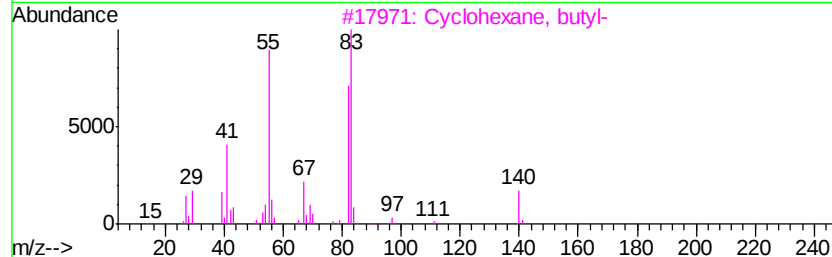
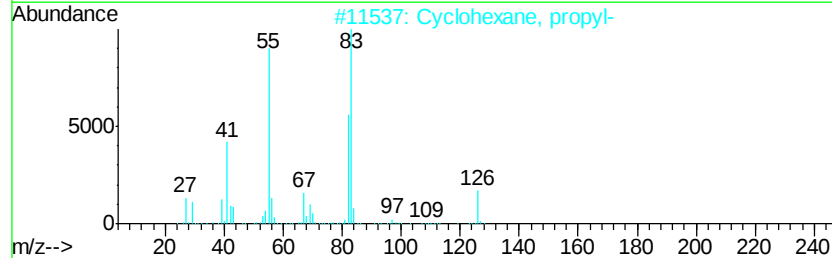
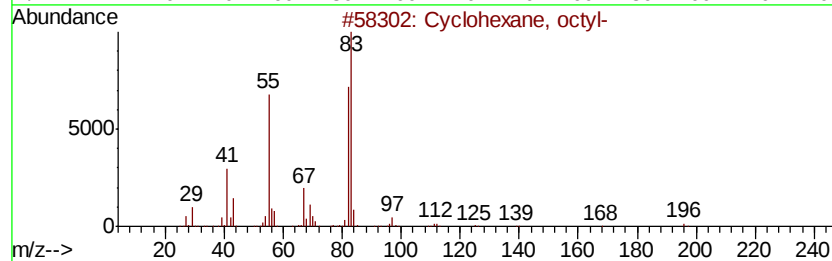
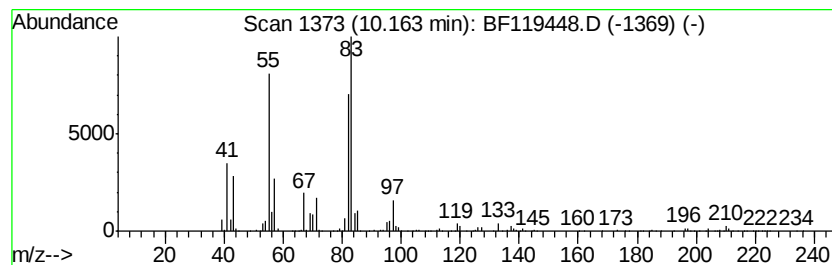
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Cyclohexane, octyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.16	12.33 ng	1822210	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, octyl-	196	C14H28	001795-15-9	87
2		Cyclohexane, propyl-	126	C9H18	001678-92-8	83
3		Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4		3-Cyclohexyl-1-chloropropane	160	C9H17Cl	001124-62-5	64
5		Cyclopentane, 1-methyl-3-(1-meth...	126	C9H18	053771-88-3	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
Operator : CG/JU
Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

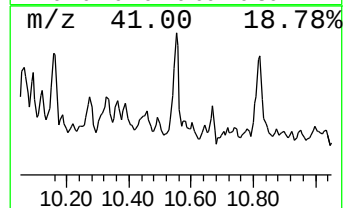
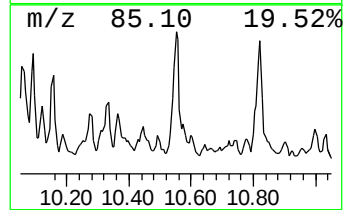
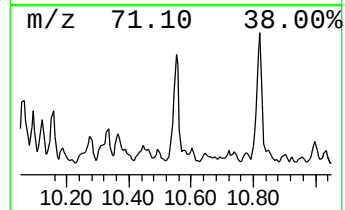
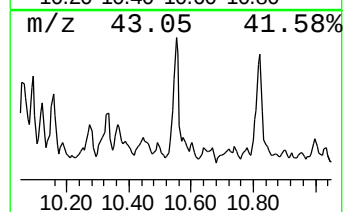
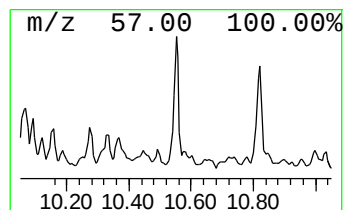
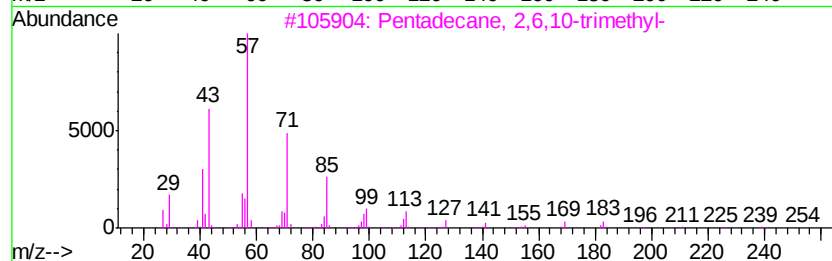
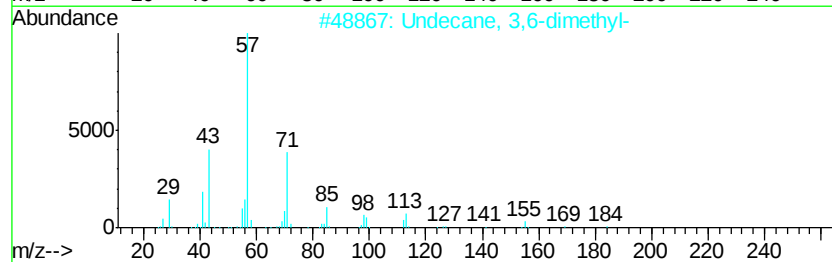
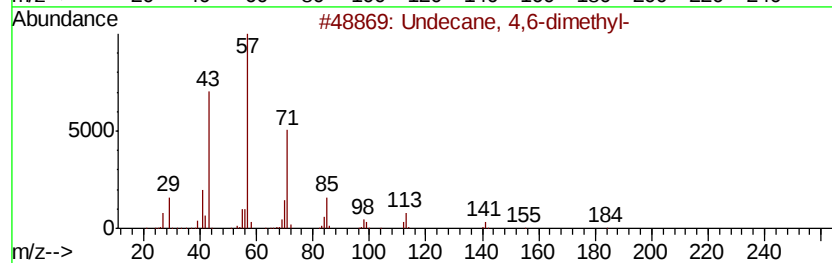
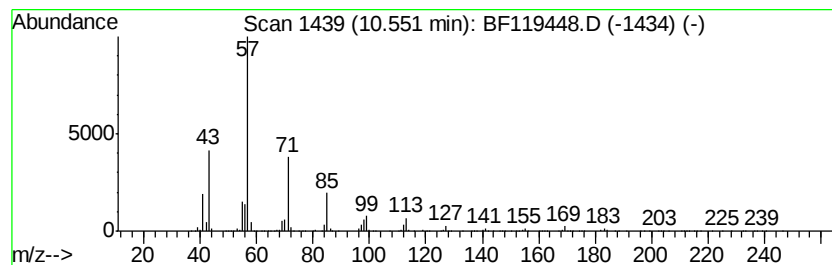
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Pentadecane, 2,6,10-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	20.58 ng	3041790	Acenaphthene-d10	9.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Undecane, 4,6-dimethyl-	184	C13H28	017312-82-2	87
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
3		Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	83
4		Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF031920\
Data File : BF119448.D
Acq On : 19 Mar 2020 19:56
Operator : CG/JU
Sample : L1978-10
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7A

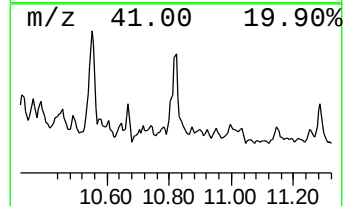
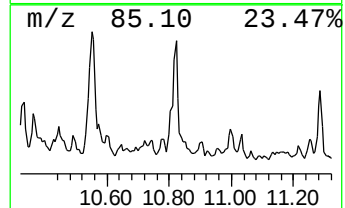
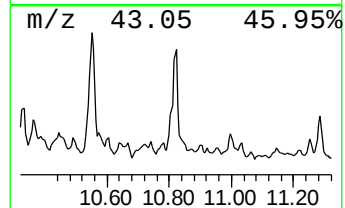
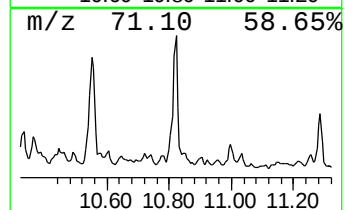
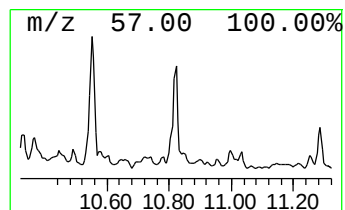
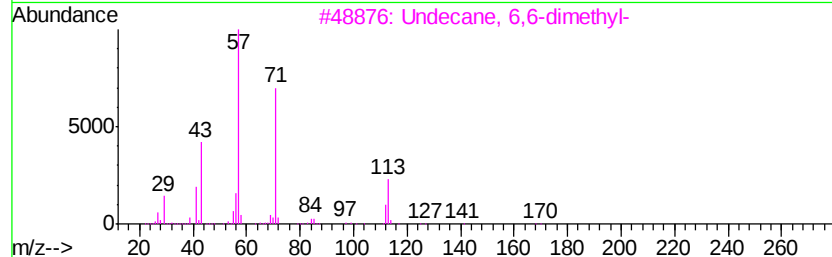
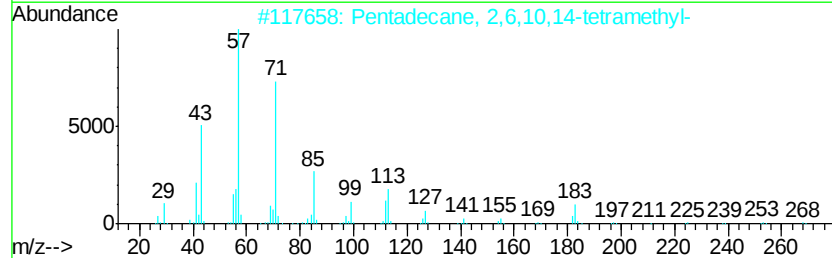
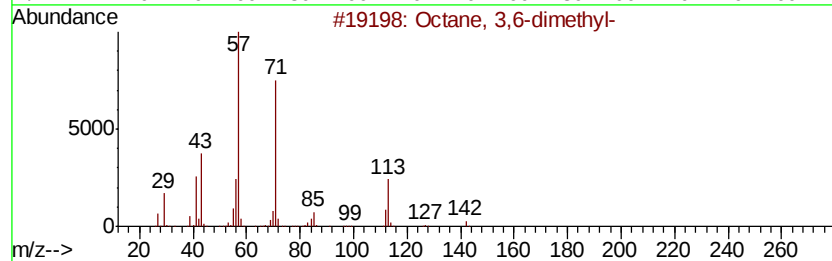
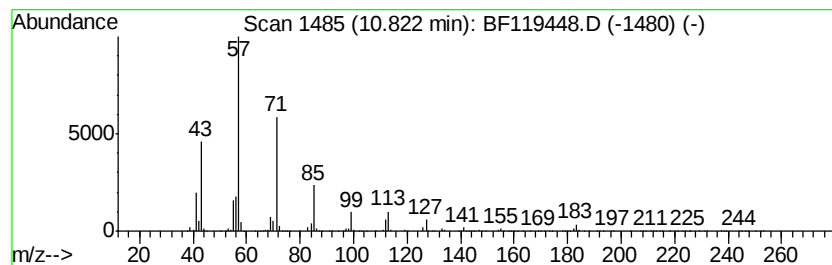
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octane, 3,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	26.74 ng	2911830	Phenanthrene-d10	11.38

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	76
2		Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	64
3		Undecane, 6,6-dimethyl-	184	C13H28	017312-76-4	53
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	52
5		Heptane, 3-ethyl-5-methyl-	142	C10H22	052896-90-9	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF031920\
 Data File : BF119448.D
 Acq On : 19 Mar 2020 19:56
 Operator : CG/JU
 Sample : L1978-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031820.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
1-Octanol, 2-butyl-	7.13	13.4	ng	1444670	1	6.85	2148320	20.0
Decane, 2-methyl-	7.19	12.4	ng	1331430	1	6.85	2148320	20.0
Decane, 3-methyl-	7.24	13.1	ng	1407130	1	6.85	2148320	20.0
Undecane, 5-methyl-	7.56	11.7	ng	2127080	2	8.13	3638290	20.0
Octane, 4-ethyl-	7.82	16.2	ng	2950150	2	8.13	3638290	20.0
Octane, 3-ethyl-2...	7.89	10.8	ng	1964200	2	8.13	3638290	20.0
Undecane, 2,6-dim...	8.20	26.4	ng	4811950	2	8.13	3638290	20.0
Sulfurous acid, b...	8.23	17.6	ng	3204950	2	8.13	3638290	20.0
unknown8.44	8.44	18.3	ng	3319080	2	8.13	3638290	20.0
Dodecane, 4,6-dim...	8.56	27.3	ng	4971350	2	8.13	3638290	20.0
3,5-Dimethyldodecane	8.83	16.3	ng	2972740	2	8.13	3638290	20.0
Undecane, 3,5-dim...	9.02	16.7	ng	2467250	3	9.89	2955950	20.0
Cyclohexane, butyl-	9.05	16.5	ng	2439000	3	9.89	2955950	20.0
Undecane, 2,9-dim...	9.14	11.6	ng	1711940	3	9.89	2955950	20.0
Sulfurous acid, 2...	9.31	14.0	ng	2073880	3	9.89	2955950	20.0
Tridecane	10.06	13.7	ng	2028400	3	9.89	2955950	20.0
Cyclohexane, octyl-	10.16	12.3	ng	1822210	3	9.89	2955950	20.0
Pentadecane, 2,6,...	10.55	20.6	ng	3041790	3	9.89	2955950	20.0
Octane, 3,6-dimet...	10.82	26.7	ng	2911830	4	11.38	2177970	20.0