

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119908.D
 Acq On : 10 Apr 2020 21:21
 Operator : MA/SJ
 Sample : L2205-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

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-BF040820.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	4.945	481	486	493	rBV	367781	441572	2.10%	0.319%
2	5.363	552	557	560	rBV	3350805	2999489	14.26%	2.169%
3	6.387	727	731	734	rBV	3063429	2833390	13.47%	2.049%
4	6.592	761	766	773	rBV2	229938	336182	1.60%	0.243%
5	6.751	790	793	801	rVB	1287142	1134475	5.39%	0.820%
6	6.910	816	820	823	rBV	2919827	2391537	11.37%	1.730%
7	7.316	880	889	892	rBV	2103255	2126161	10.11%	1.538%
8	7.357	894	896	899	rVV	694808	515112	2.45%	0.373%
9	7.404	899	904	907	rVB5	175728	245818	1.17%	0.178%
10	7.563	926	931	934	rVB3	299877	371583	1.77%	0.269%
11	7.728	955	959	962	rVB4	214503	224254	1.07%	0.162%
12	7.763	962	965	966	rBV	244458	228568	1.09%	0.165%
13	7.798	969	971	975	rVB3	205159	244133	1.16%	0.177%
14	8.039	1007	1012	1015	rBV2	1604099	2270693	10.79%	1.642%
15	8.104	1022	1023	1026	rVB	411524	285067	1.36%	0.206%
16	8.216	1035	1042	1044	rBV4	191459	330442	1.57%	0.239%
17	8.239	1044	1046	1049	rVB3	271701	256157	1.22%	0.185%
18	8.333	1057	1062	1065	rBV4	397406	549457	2.61%	0.397%
19	8.392	1069	1072	1074	rBV3	334662	284739	1.35%	0.206%
20	8.422	1074	1077	1080	rBV3	420165	394503	1.88%	0.285%
21	8.469	1080	1085	1087	rBV	502743	532766	2.53%	0.385%
22	8.545	1094	1098	1101	rBV2	551707	542788	2.58%	0.393%
23	8.639	1110	1114	1117	rBV	1565261	1446199	6.87%	1.046%
24	8.698	1122	1124	1126	rVV	314168	329541	1.57%	0.238%
25	8.733	1127	1130	1133	rVB3	311705	323833	1.54%	0.234%
26	8.863	1149	1152	1155	rBV	436302	376342	1.79%	0.272%
27	8.922	1159	1162	1164	rBV2	282160	263176	1.25%	0.190%
28	9.004	1174	1176	1179	rVB2	422243	310281	1.47%	0.224%
29	9.045	1180	1183	1184	rBV	236653	222804	1.06%	0.161%
30	9.069	1184	1187	1191	rVB2	668544	686674	3.26%	0.497%
31	9.116	1191	1195	1198	rBV	3250604	2837658	13.49%	2.052%
32	9.204	1205	1210	1213	rBV	2133930	1946155	9.25%	1.407%
33	9.239	1213	1216	1219	rVV2	478604	528339	2.51%	0.382%
34	9.269	1219	1221	1224	rVB	337097	255620	1.22%	0.185%

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35	9.375	1234	1239	1240	rBV4	183352	246485	1.17%	0.178%
36	9.433	1246	1249	1251	rBV3	262155	296570	1.41%	0.214%
37	9.457	1251	1253	1255	rVV2	375930	404030	1.92%	0.292%
38	9.480	1255	1257	1259	rVV2	423599	342696	1.63%	0.248%
39	9.522	1259	1264	1266	rVV2	983705	1581745	7.52%	1.144%
40	9.545	1266	1268	1271	rVV2	634686	616755	2.93%	0.446%
41	9.580	1271	1274	1277	rVV2	514806	468314	2.23%	0.339%
42	9.610	1277	1279	1285	rVB6	281626	396373	1.88%	0.287%
43	9.710	1292	1296	1297	rBV3	223857	258845	1.23%	0.187%
44	9.733	1297	1300	1304	rVB	2439914	1979030	9.41%	1.431%
45	9.798	1304	1311	1314	rBV	1458086	1599551	7.60%	1.157%
46	9.845	1316	1319	1321	rBV	926896	723223	3.44%	0.523%
47	9.963	1336	1339	1342	rBV2	340273	531410	2.53%	0.384%
48	9.998	1342	1345	1348	rVV3	405420	712232	3.39%	0.515%
49	10.057	1351	1355	1358	rVV3	687123	825278	3.92%	0.597%
50	10.116	1363	1365	1372	rVV6	207709	409574	1.95%	0.296%
51	10.175	1372	1375	1378	rVV2	196771	252074	1.20%	0.182%
52	10.233	1382	1385	1388	rVV	2627851	2311541	10.99%	1.672%
53	10.286	1392	1394	1400	rVB4	249976	318797	1.52%	0.231%
54	10.457	1417	1423	1425	rBV	1087603	1345540	6.40%	0.973%
55	10.504	1429	1431	1434	rVB	277260	248379	1.18%	0.180%
56	10.539	1434	1437	1440	rBV2	368346	354582	1.69%	0.256%
57	10.586	1440	1445	1448	rVB3	1587748	1727234	8.21%	1.249%
58	10.710	1463	1466	1474	rVB	2714730	3166854	15.05%	2.290%
59	10.810	1480	1483	1487	rVB	1459749	1207771	5.74%	0.873%
60	10.898	1496	1498	1500	rBV	228448	227827	1.08%	0.165%
61	11.157	1539	1542	1545	rBV	2321654	1864137	8.86%	1.348%
62	11.186	1545	1547	1553	rVB	984336	987250	4.69%	0.714%
63	11.280	1560	1563	1566	rBV	1087019	1035987	4.92%	0.749%
64	11.333	1570	1572	1577	rVB2	173029	264008	1.25%	0.191%
65	11.469	1592	1595	1598	rBV	254007	215931	1.03%	0.156%
66	11.533	1604	1606	1610	rVB	236679	220499	1.05%	0.159%
67	11.586	1611	1615	1617	rVV	1919117	1547103	7.35%	1.119%
68	11.610	1617	1619	1621	rVB2	394058	299040	1.42%	0.216%
69	11.692	1628	1633	1636	rVB	8758759	8187782	38.92%	5.921%
70	11.751	1640	1643	1647	rVV	181421	267329	1.27%	0.193%
71	11.827	1651	1656	1663	rBV	1740549	2011858	9.56%	1.455%

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72	11.992	1681	1684	1692	rVB	1663733	1493583	7.10%	1.080%
73	12.392	1744	1752	1753	rBV2	12341488	20736594	98.57%	14.997%
74	12.416	1753	1756	1761	rVV3	14724701	21038136	100.00%	15.215%
75	12.486	1764	1768	1771	rVV2	4352496	4345972	20.66%	3.143%
76	12.545	1771	1778	1784	rVV2	4056969	7384164	35.10%	5.340%
77	12.610	1787	1789	1795	rVB	935339	976658	4.64%	0.706%
78	12.716	1804	1807	1811	rVB2	864009	982796	4.67%	0.711%
79	12.757	1811	1814	1817	rBV	942342	768816	3.65%	0.556%
80	12.874	1831	1834	1839	rVB	2477189	2228544	10.59%	1.612%
81	13.039	1859	1862	1864	rBV	703558	634988	3.02%	0.459%
82	13.110	1871	1874	1876	rBV	937549	960945	4.57%	0.695%
83	13.204	1888	1890	1893	rVB	735597	605361	2.88%	0.438%
84	13.368	1915	1918	1924	rVB3	637332	779731	3.71%	0.564%
85	13.421	1924	1927	1930	rBV2	243800	264680	1.26%	0.191%
86	13.451	1930	1932	1935	rVB	512790	468756	2.23%	0.339%
87	13.786	1986	1989	1994	rVB	535417	628403	2.99%	0.454%
88	13.874	2001	2004	2008	rBV	548928	501040	2.38%	0.362%
89	13.927	2009	2013	2015	rBV2	1045695	1040626	4.95%	0.753%
90	14.098	2040	2042	2045	rVB	405590	345968	1.64%	0.250%
91	14.404	2091	2094	2097	rBV	554441	553965	2.63%	0.401%
92	14.498	2107	2110	2115	rBV3	328333	432366	2.06%	0.313%
93	14.704	2143	2145	2148	rBV	379842	390737	1.86%	0.283%
94	14.821	2161	2165	2174	rVB	878954	1275514	6.06%	0.922%
95	15.033	2199	2201	2209	rVB	404095	452534	2.15%	0.327%
96	15.368	2255	2258	2261	rVB	440874	463756	2.20%	0.335%

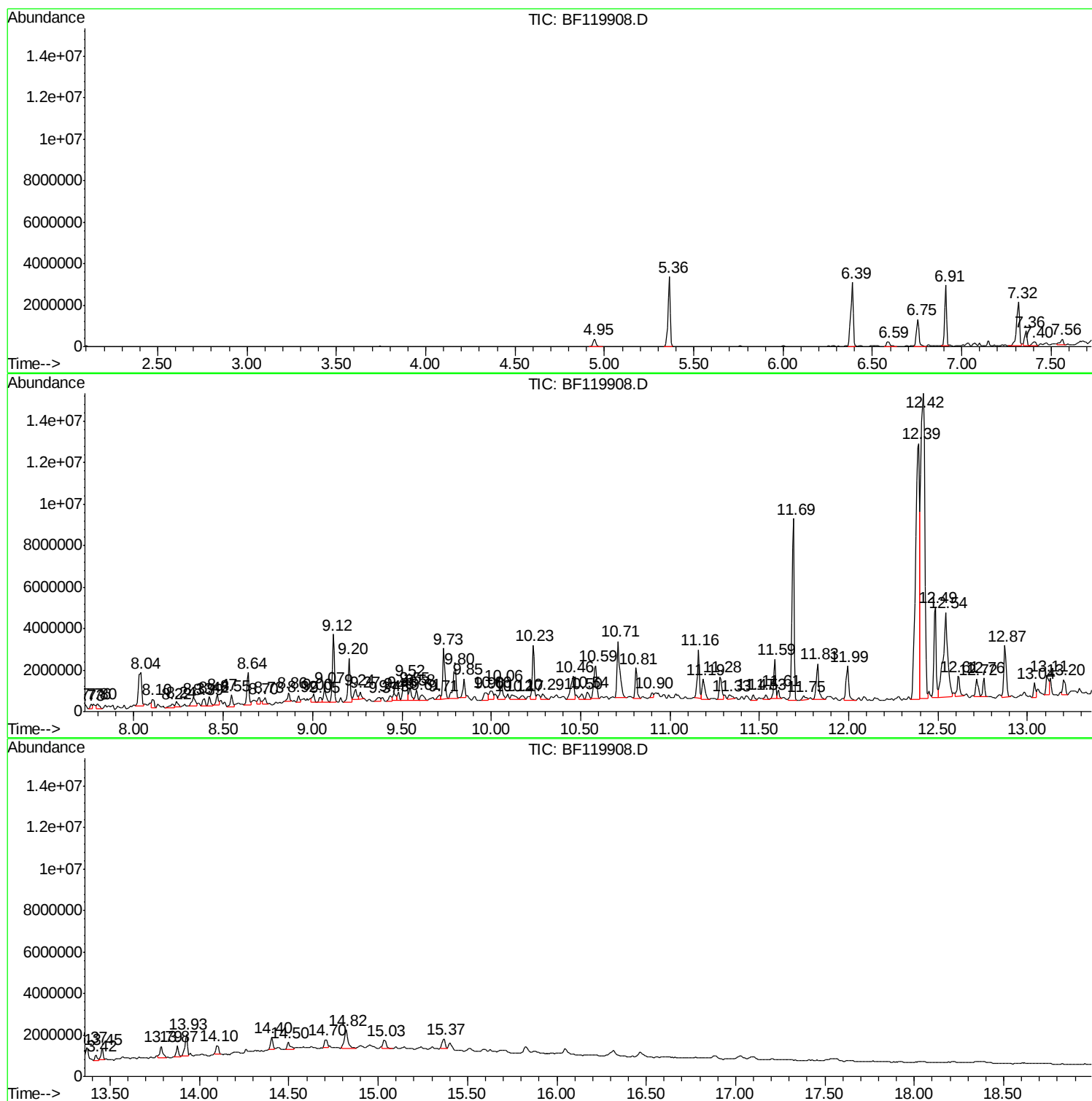
Sum of corrected areas: 138273775

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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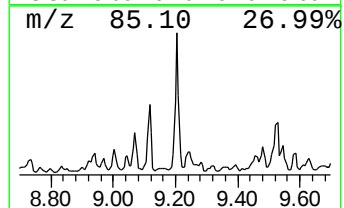
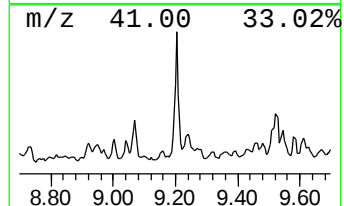
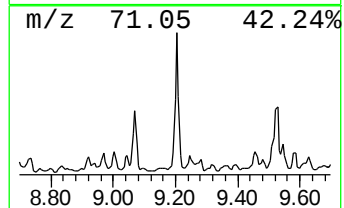
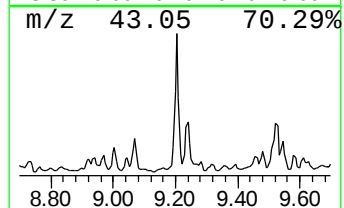
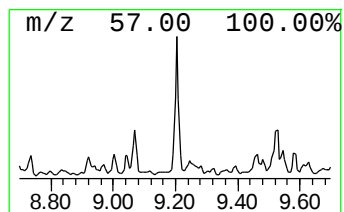
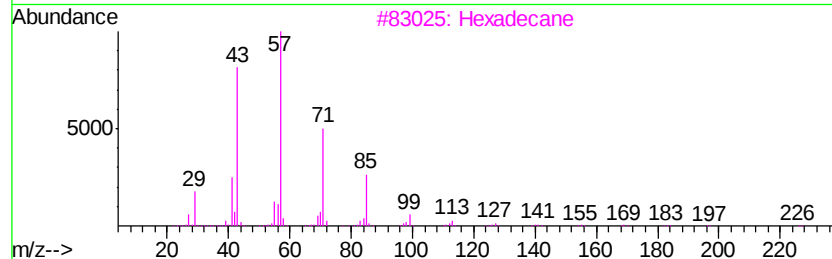
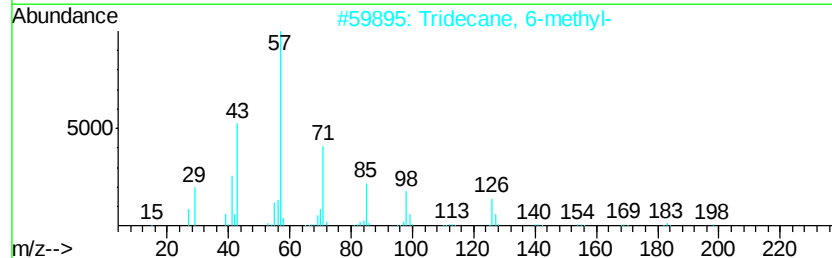
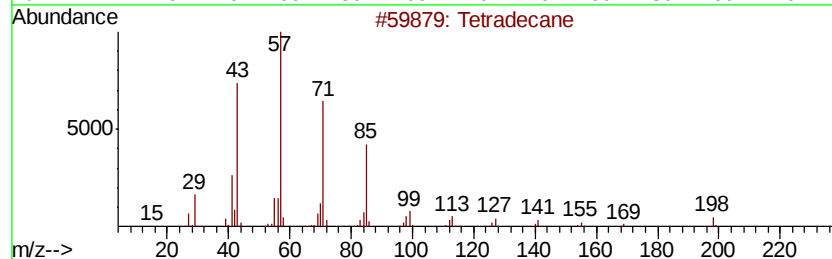
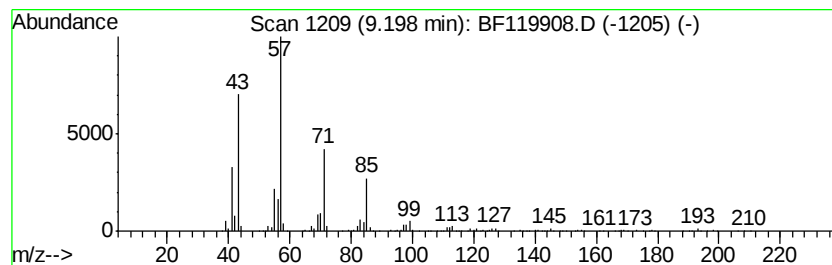
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	24.33 ng	1946160	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	93
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Undecane	156	C11H24	001120-21-4	80
5		Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78



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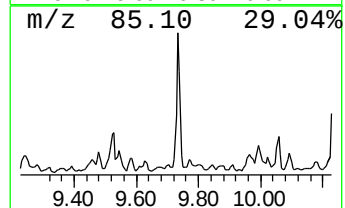
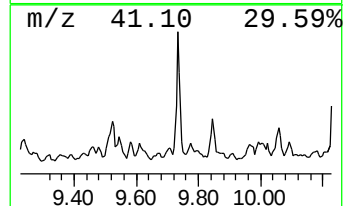
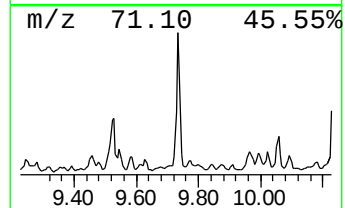
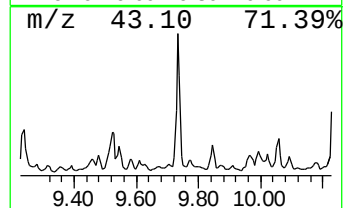
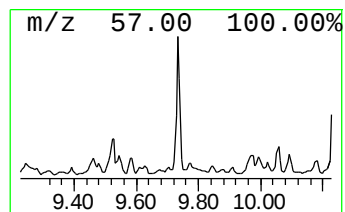
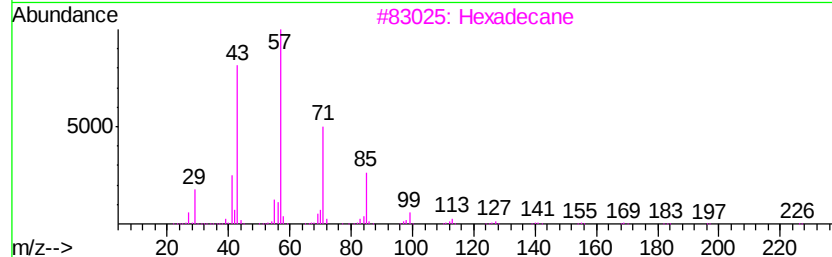
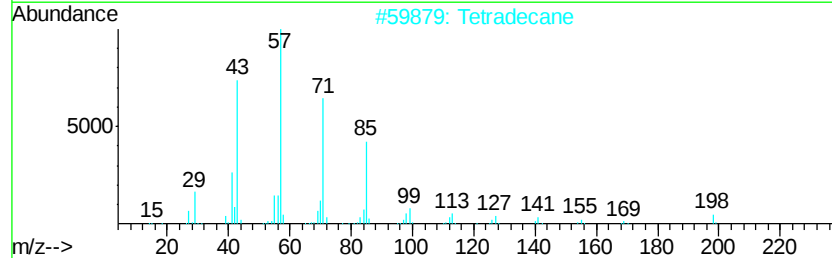
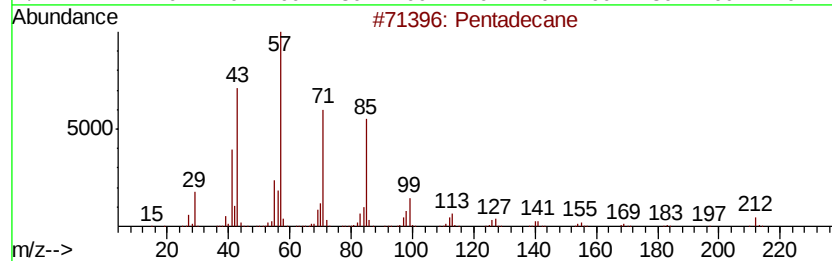
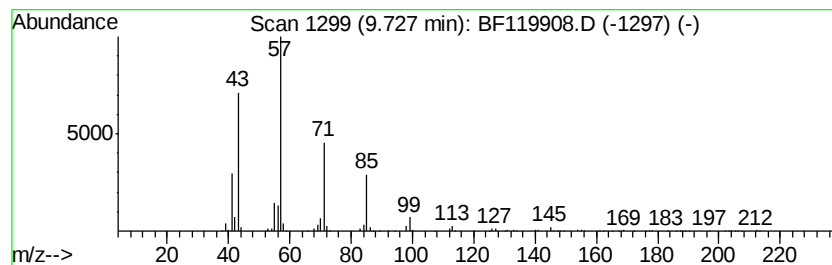
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Pentadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	24.74 ng	1979030	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentadecane	212	C15H32	000629-62-9	90
2		Tetradecane	198	C14H30	000629-59-4	90
3		Hexadecane	226	C16H34	000544-76-3	87
4		Tridecane	184	C13H28	000629-50-5	80
5		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80



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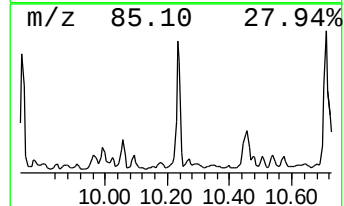
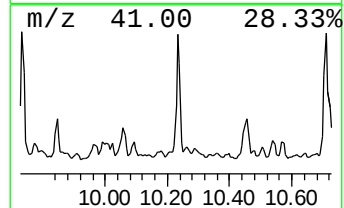
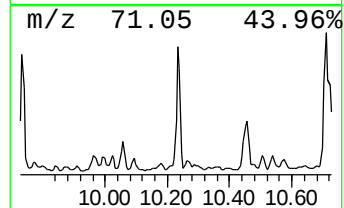
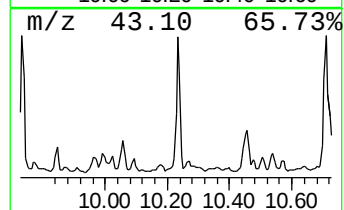
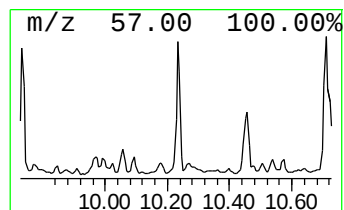
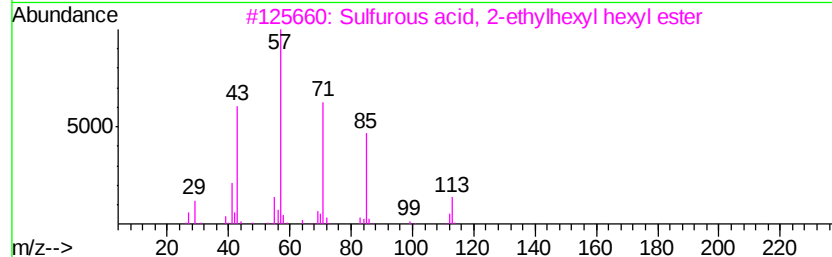
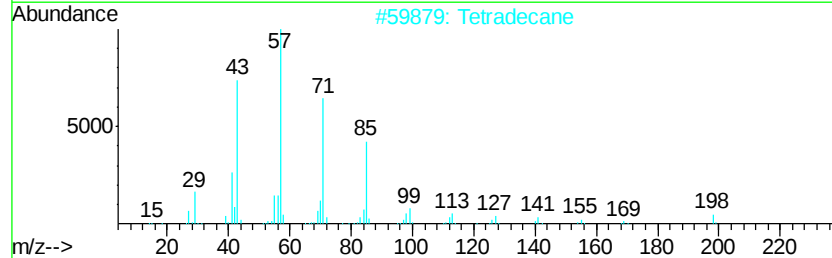
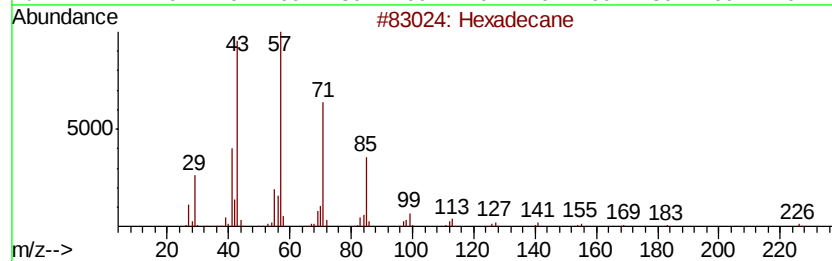
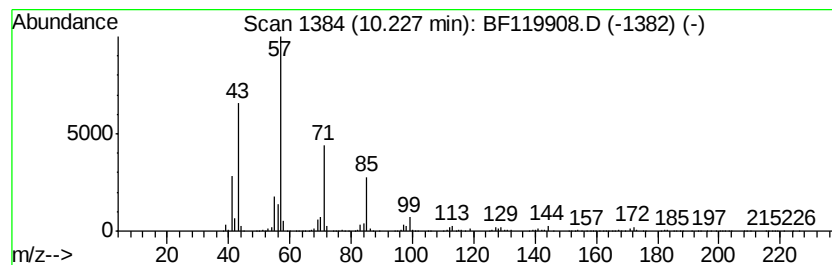
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Peak Number 4 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	28.90 ng	2311540	Acenaphthene-d10	9.80

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	87
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4		Tridecane	184	C13H28	000629-50-5	72
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

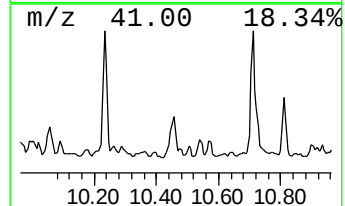
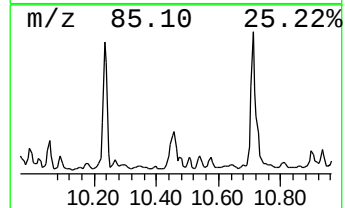
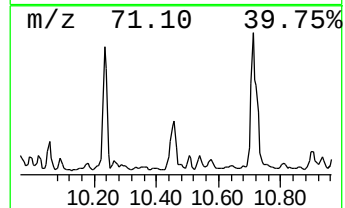
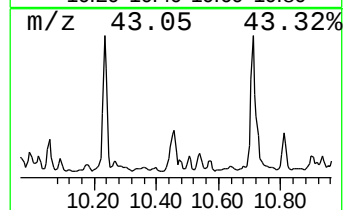
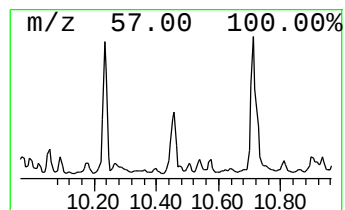
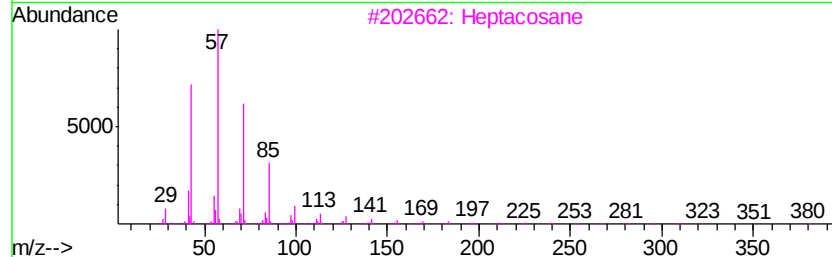
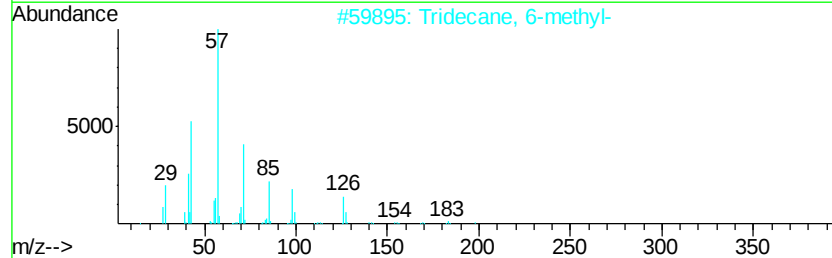
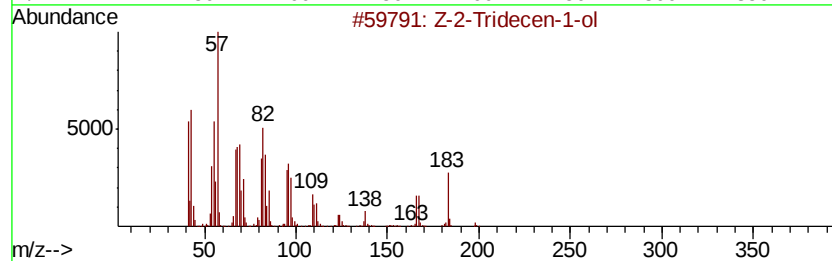
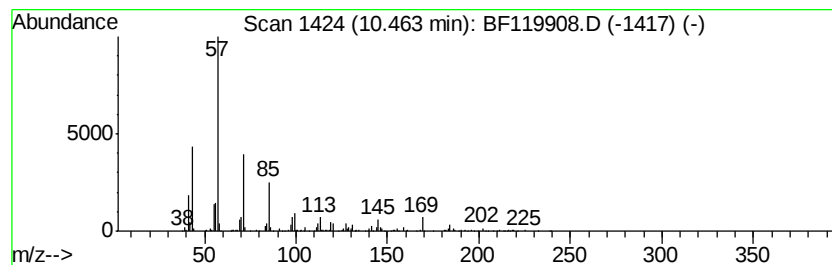
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Z-2-Tridecen-1-ol Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	16.82 ng	1345540	Acenaphthene-d10	9.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	83
2		Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
3		Heptacosane	380	C27H56	000593-49-7	64
4		Heneicosane	296	C21H44	000629-94-7	64
5		Dodecane, 3-methyl-	184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

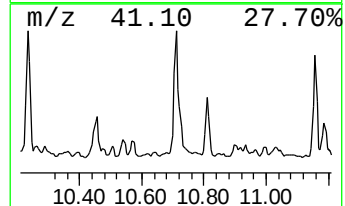
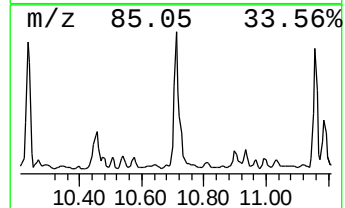
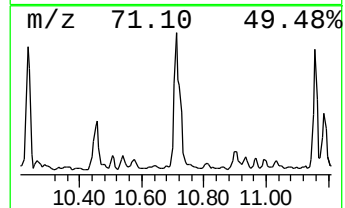
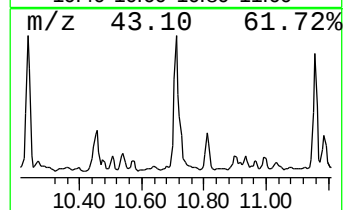
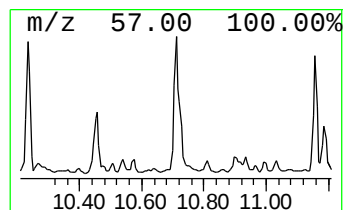
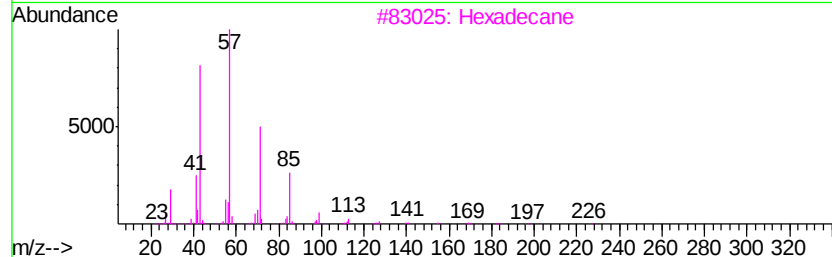
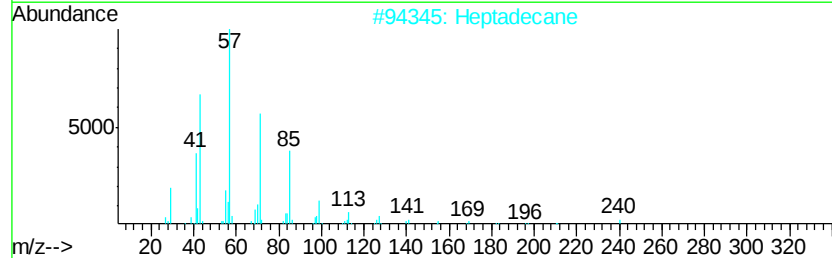
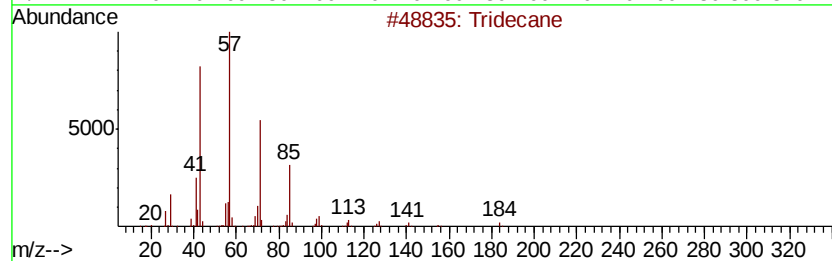
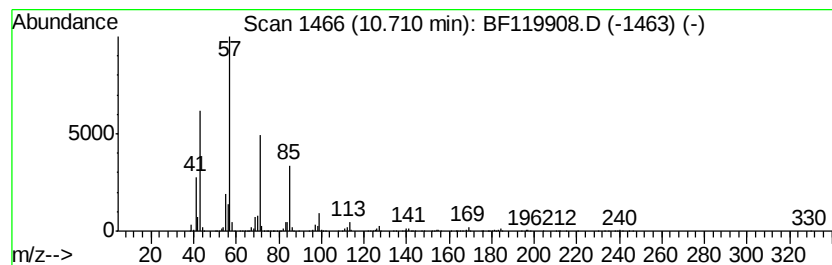
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Tridecane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	61.14 ng	3166850	Phenanthrene-d10	11.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane		184	C13H28	000629-50-5	96
2	Heptadecane		240	C17H36	000629-78-7	95
3	Hexadecane		226	C16H34	000544-76-3	87
4	Pentadecane		212	C15H32	000629-62-9	86
5	Sulfurous acid, 2-ethylhexyl hex...		278	C14H30O3S	1000309-20-2	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

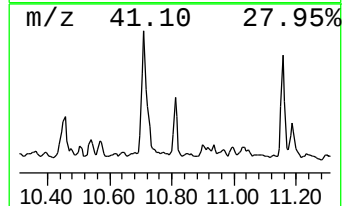
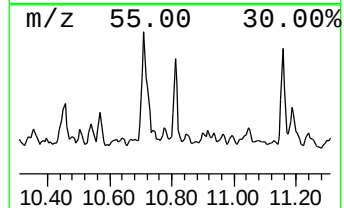
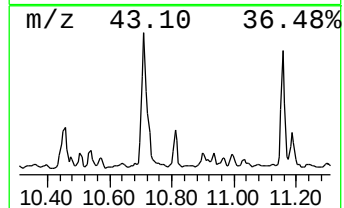
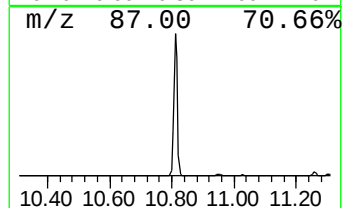
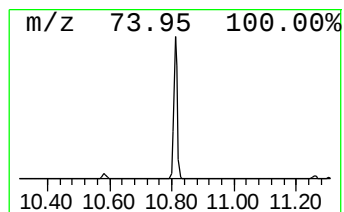
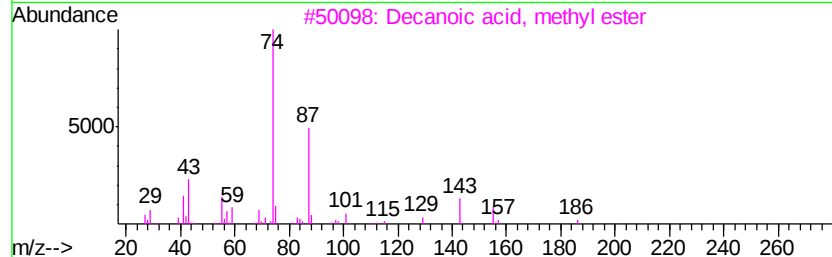
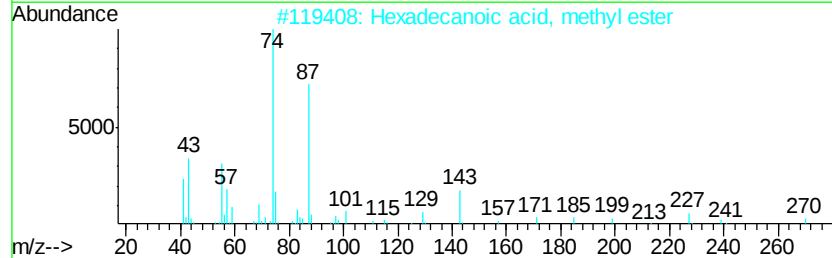
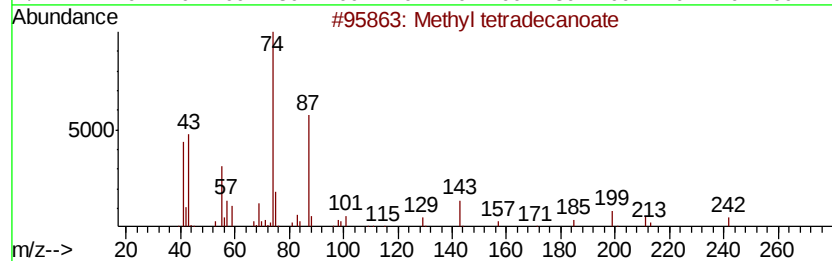
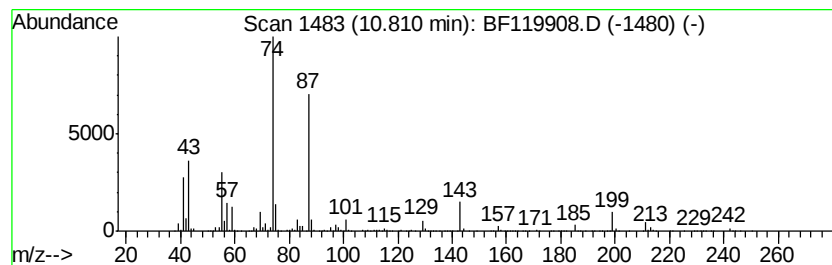
Instrument :
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ClientSampleId :
JC-02-04082020-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Methyl tetradecanoate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.81	23.32 ng	1207770	Phenanthrene-d10		11.28	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	94
2		Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	87
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	86
4		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
5		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
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Misc :
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Instrument :
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ClientSampleId :
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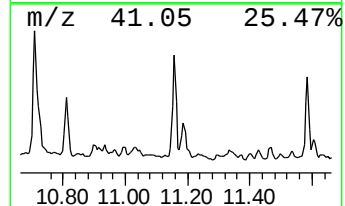
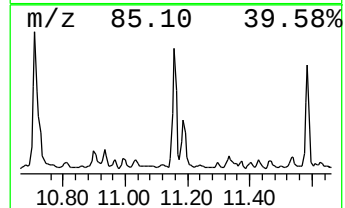
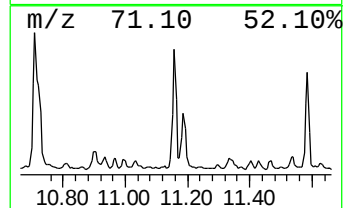
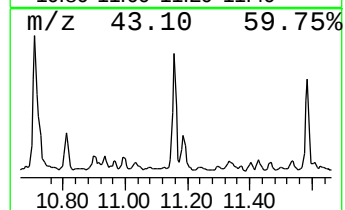
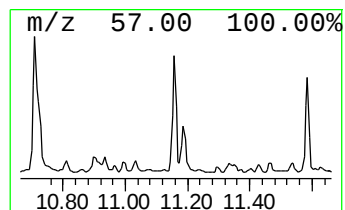
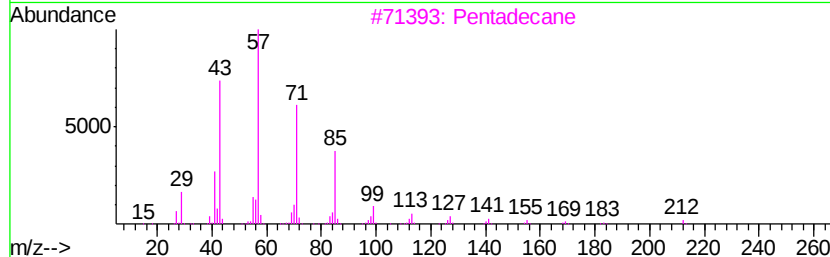
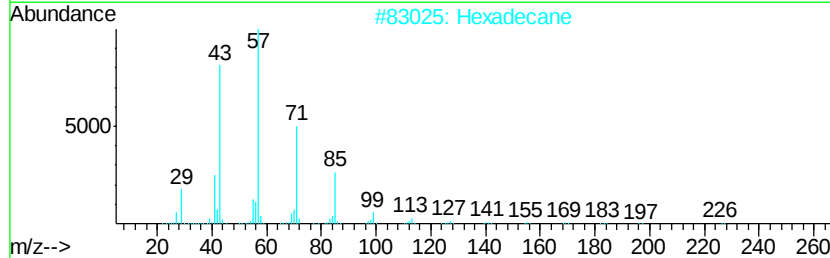
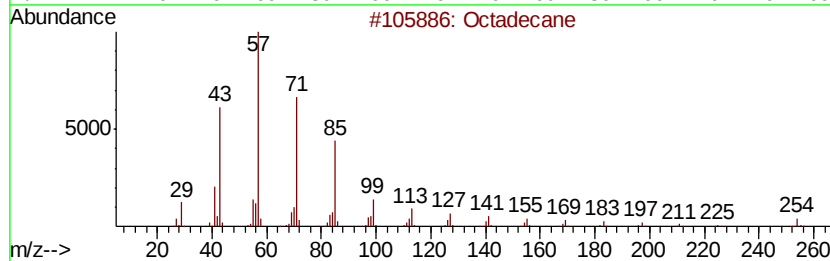
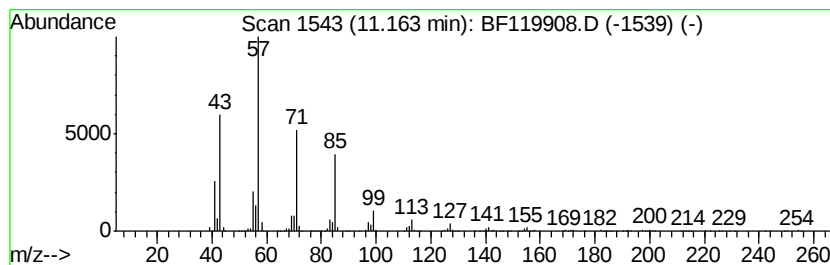
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Octadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	35.99 ng	1864140	Phenanthrene-d10	11.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane		254	C18H38	000593-45-3	90
2	Hexadecane		226	C16H34	000544-76-3	86
3	Pentadecane		212	C15H32	000629-62-9	86
4	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	86
5	Tridecane		184	C13H28	000629-50-5	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
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ClientSampleId :
JC-02-04082020-A

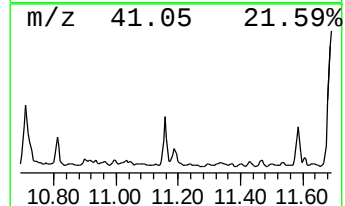
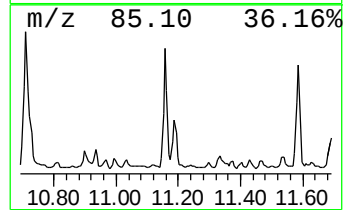
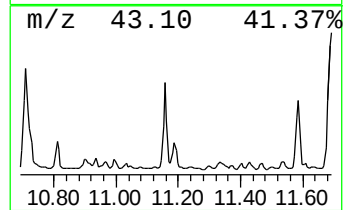
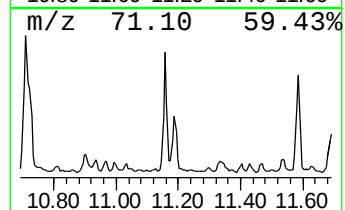
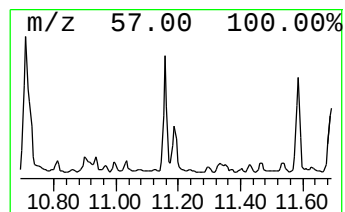
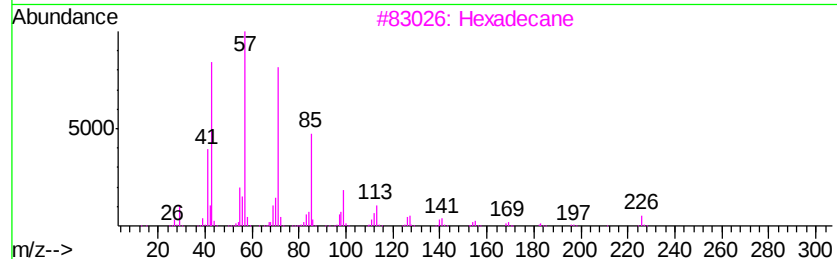
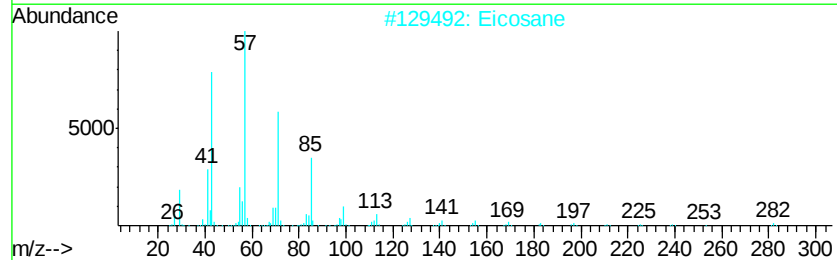
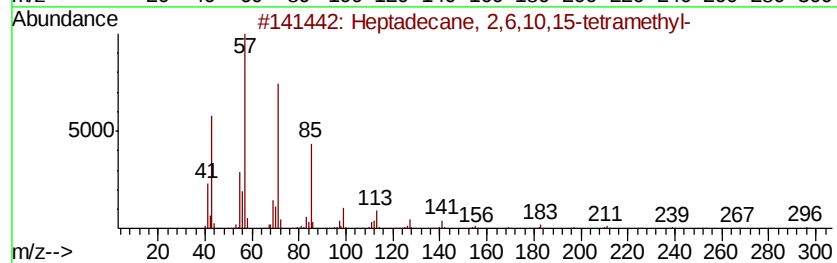
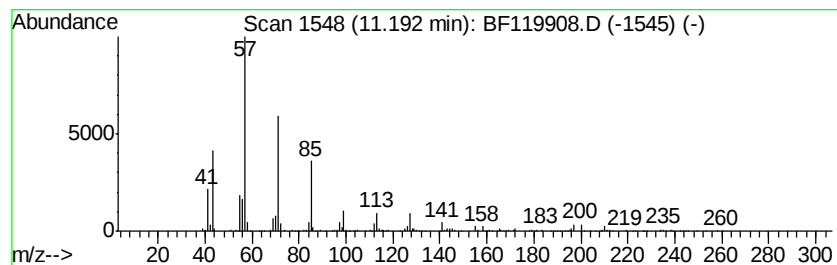
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane, 2,6,10,15-tetr... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	19.06 ng	987250	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2		Eicosane	282	C20H42	000112-95-8	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
5		Octadecane	254	C18H38	000593-45-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
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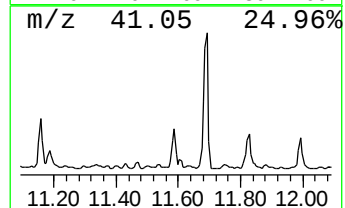
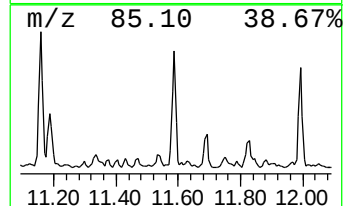
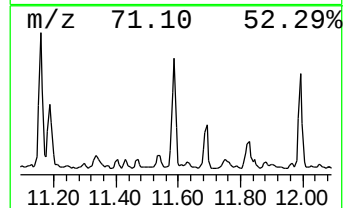
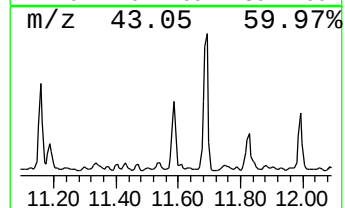
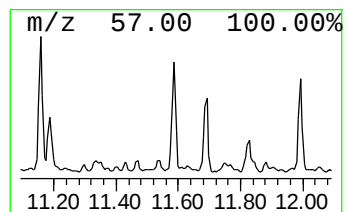
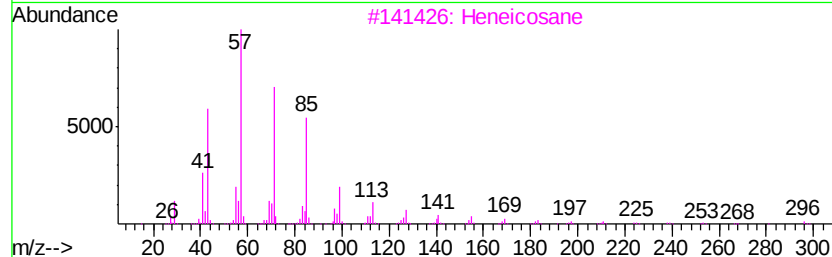
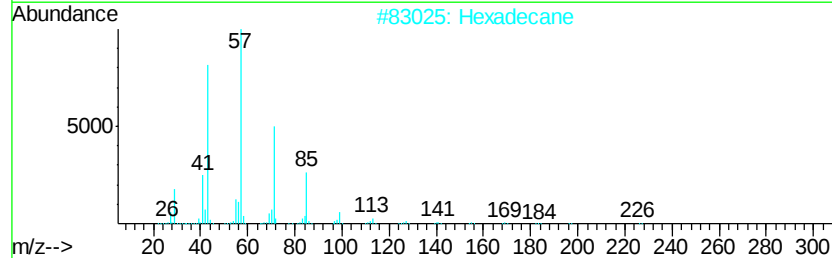
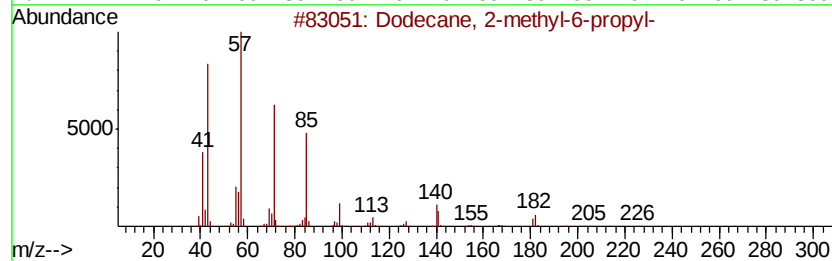
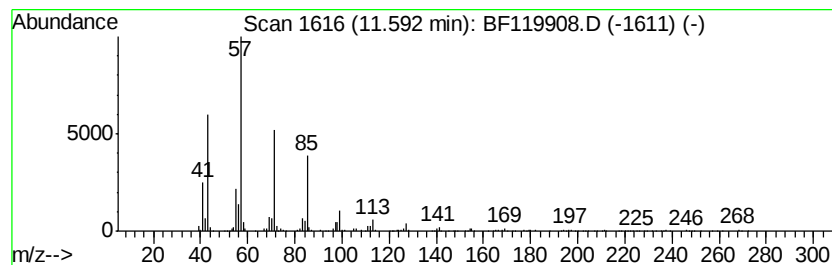
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Dodecane, 2-methyl-6-propyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	29.87 ng	1547100	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2		Hexadecane	226	C16H34	000544-76-3	90
3		Heneicosane	296	C21H44	000629-94-7	90
4		Pentadecane	212	C15H32	000629-62-9	86
5		Eicosane	282	C20H42	000112-95-8	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
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ALS Vial : 22 Sample Multiplier: 1

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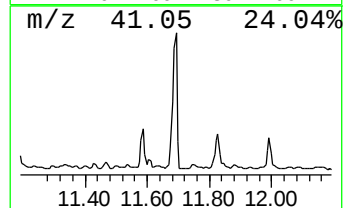
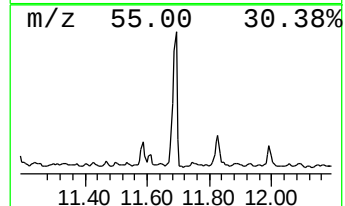
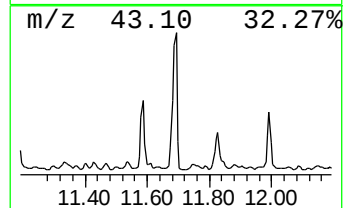
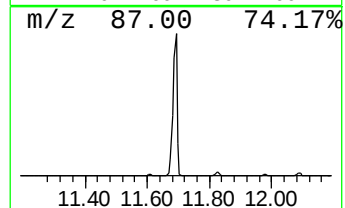
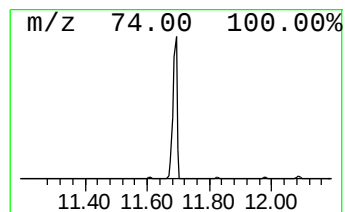
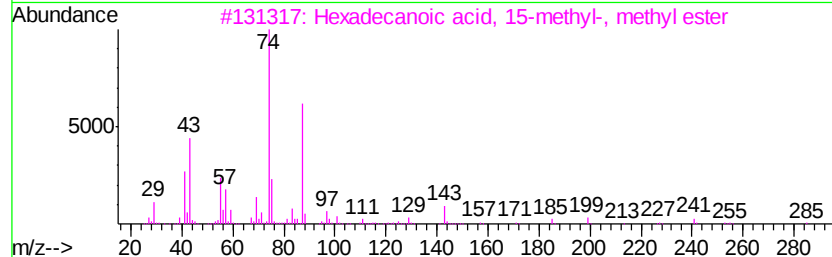
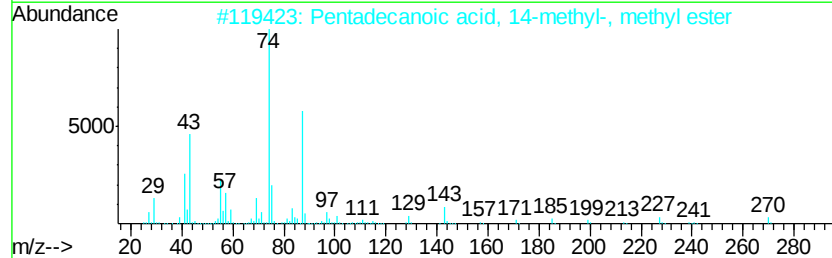
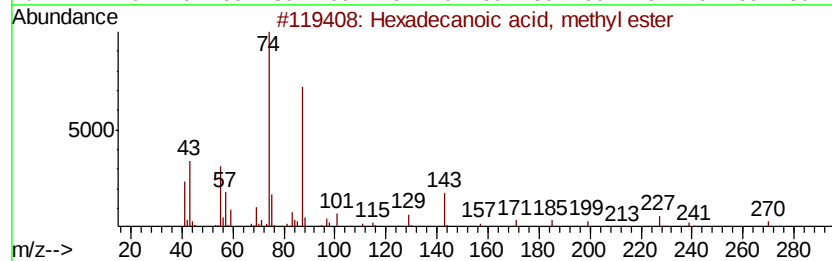
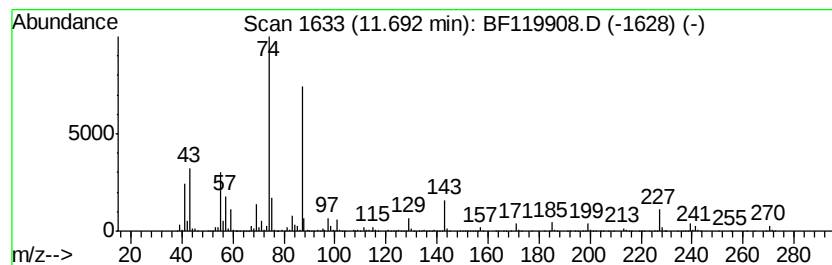
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	158.07 ng	8187780	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	98
3		Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	86
4		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
5		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119908.D
 Acq On : 10 Apr 2020 21:21
 Operator : MA/SJ
 Sample : L2205-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
 JC-02-04082020-A

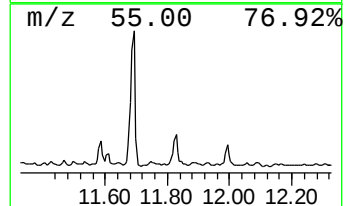
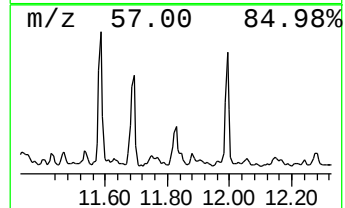
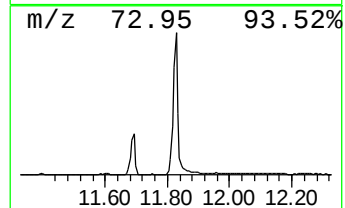
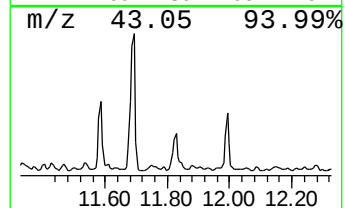
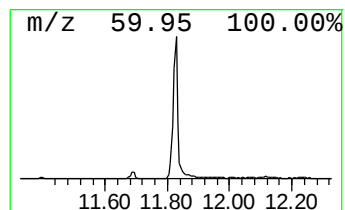
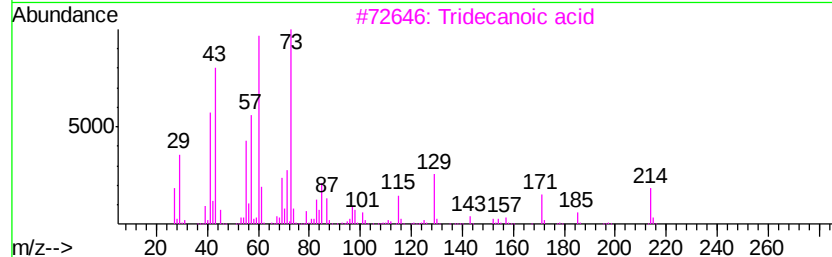
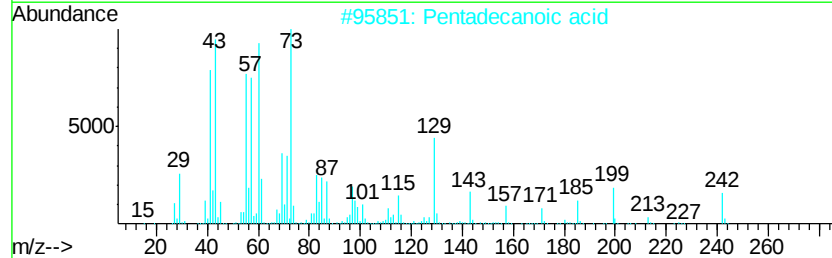
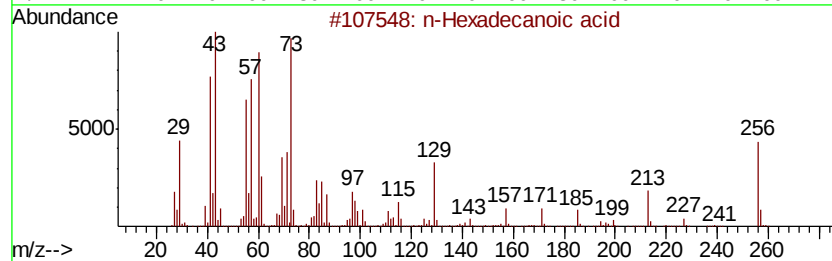
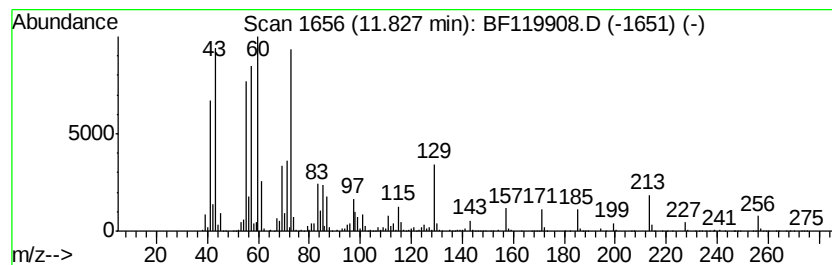
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 12 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	38.84 ng	2011860	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	74
5		Dodecanoic acid	200	C12H24O2	000143-07-7	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
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Operator : MA/SJ
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Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
JC-02-04082020-A

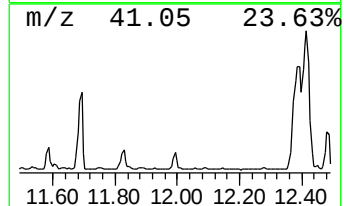
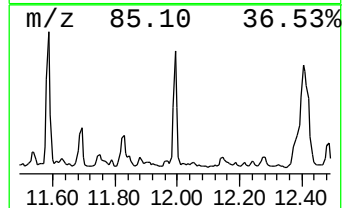
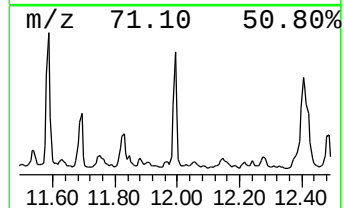
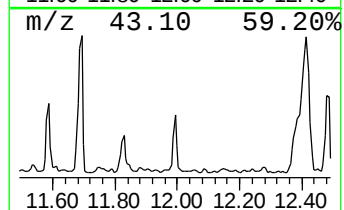
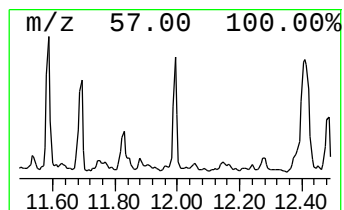
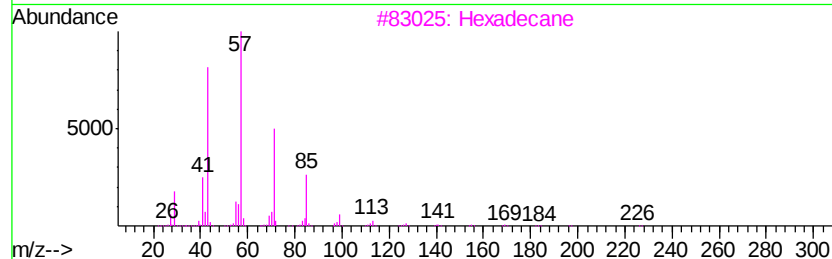
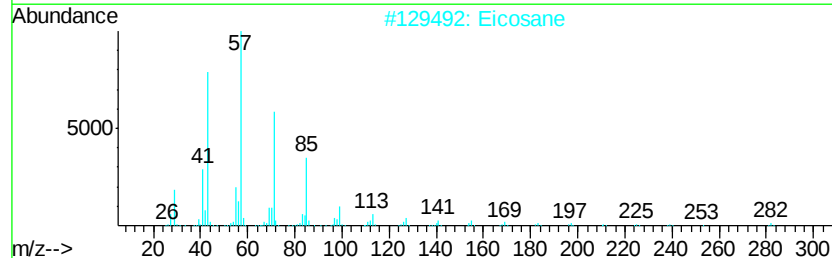
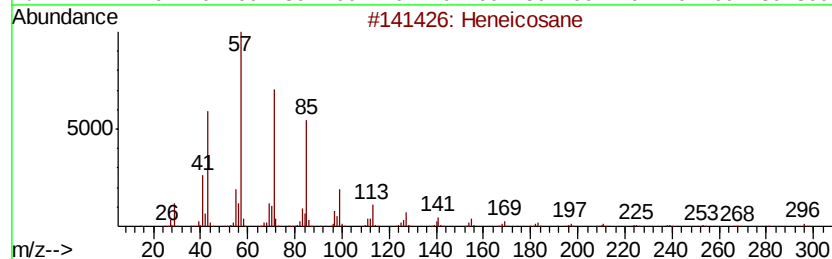
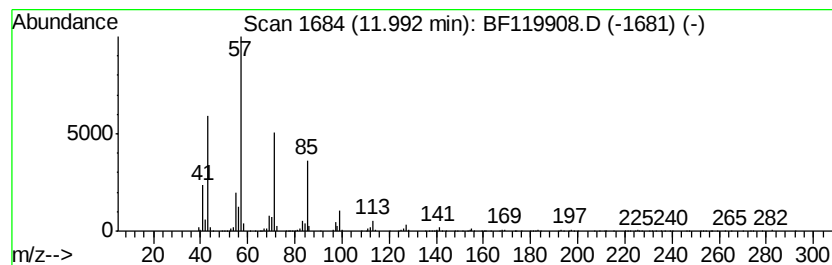
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heneicosane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	28.83 ng	1493580	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	90
2		Eicosane	282	C20H42	000112-95-8	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Nonadecane	268	C19H40	000629-92-5	86
5		Heptadecane	240	C17H36	000629-78-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

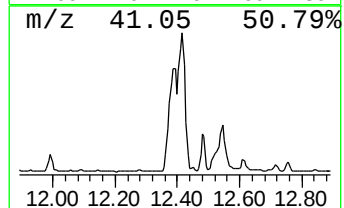
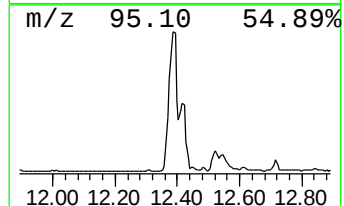
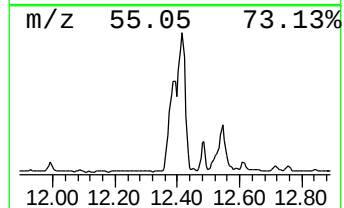
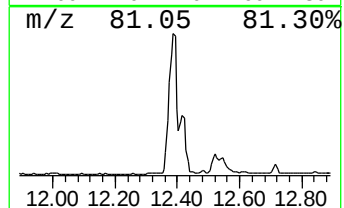
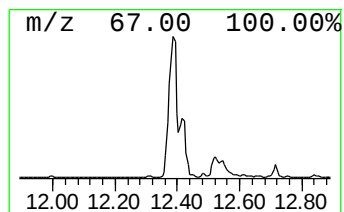
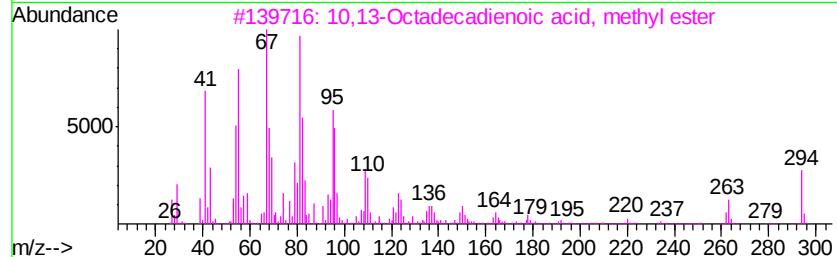
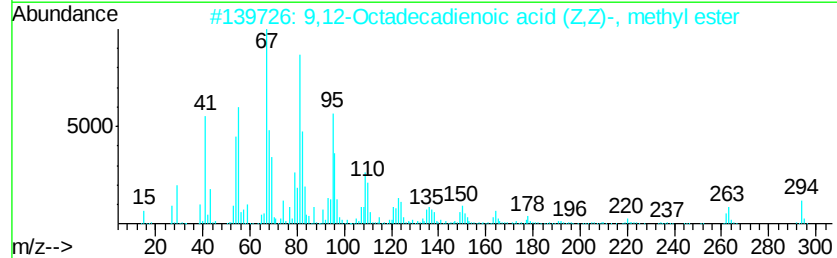
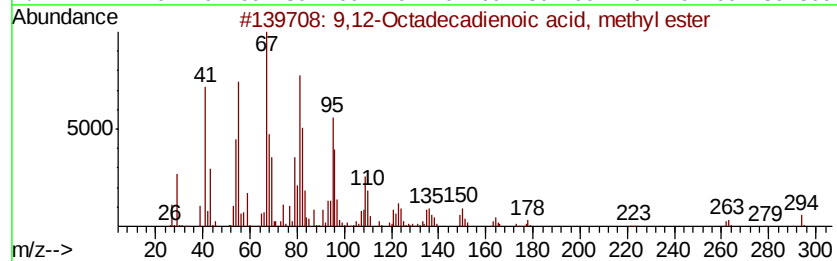
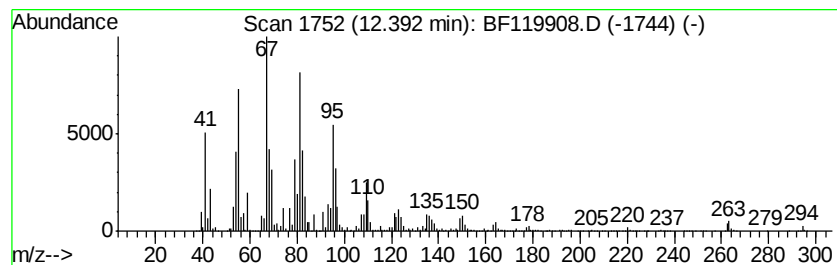
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JC-02-04082020-A

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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 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.39	400.33 ng	20736600	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99	
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
3	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99	
4	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99	
5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

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ClientSampleId :
JC-02-04082020-A

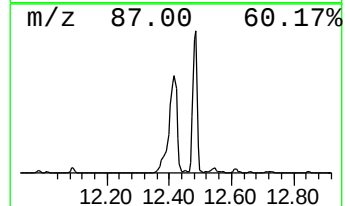
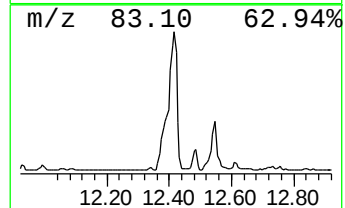
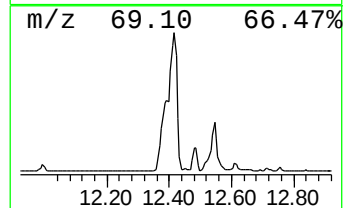
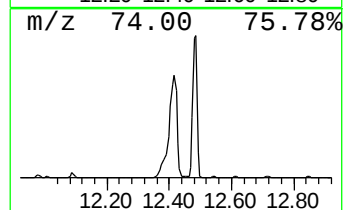
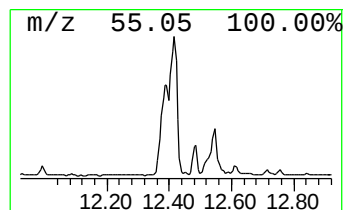
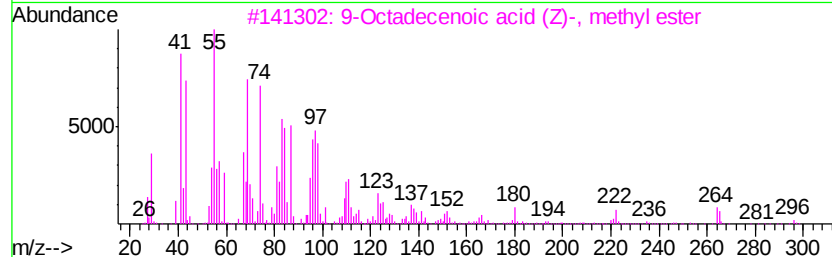
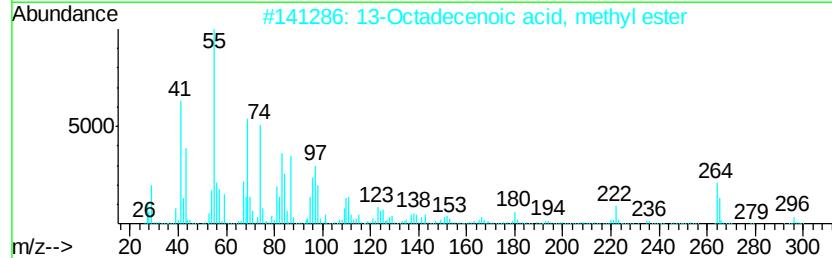
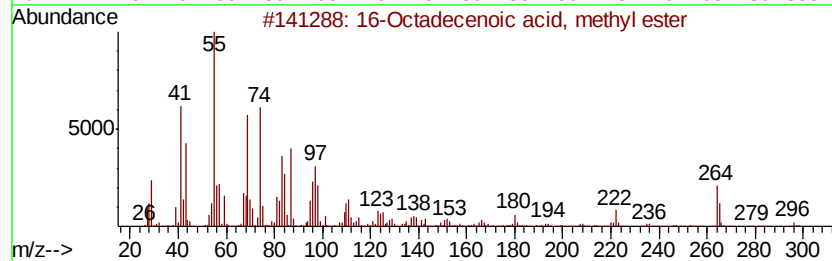
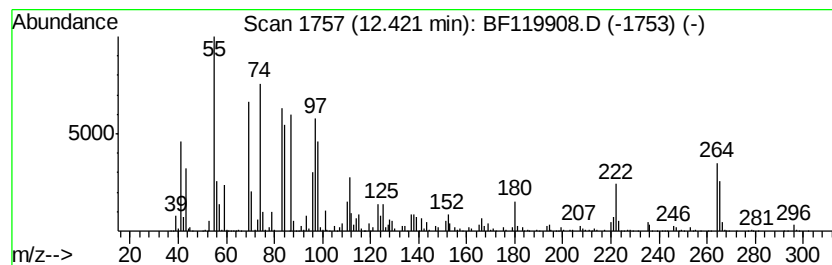
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	406.15 ng	21038100	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	95
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	94
3		9-Octadecenoic acid (Z)-, methyl ester	296	C19H36O2	000112-62-9	92
4		11-Octadecenoic acid, methyl ester	296	C19H36O2	001937-63-9	86
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

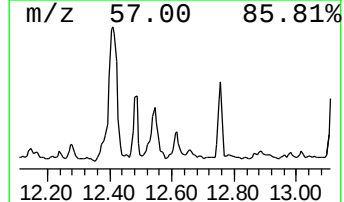
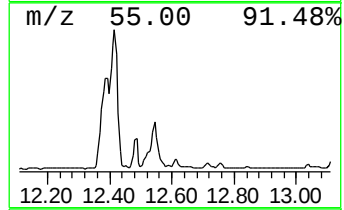
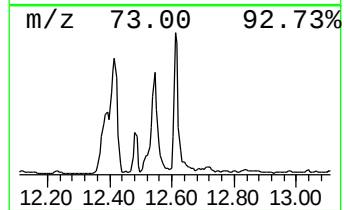
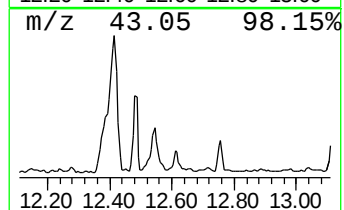
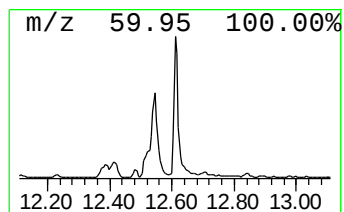
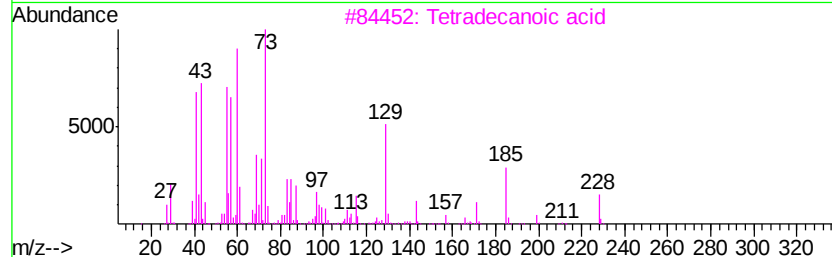
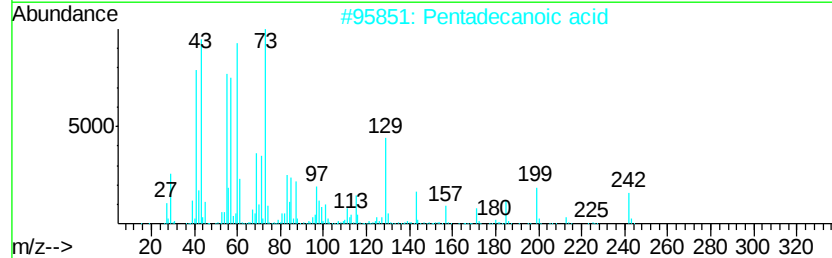
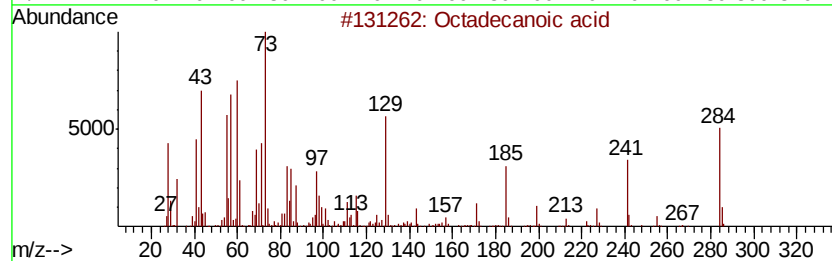
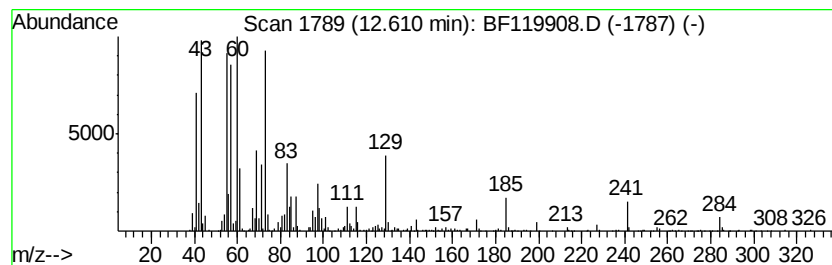
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
12.61	18.77 ng	976658	Chrysene-d12		13.93
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Undecanoic acid	186	C11H22O2	000112-37-8	47
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	47



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
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ClientSampleId :
JC-02-04082020-A

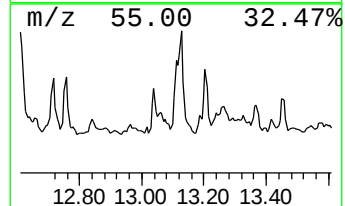
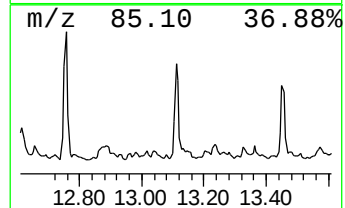
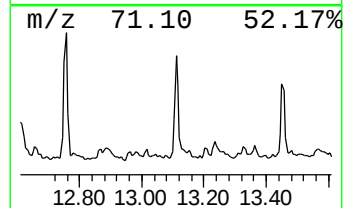
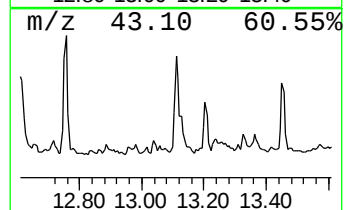
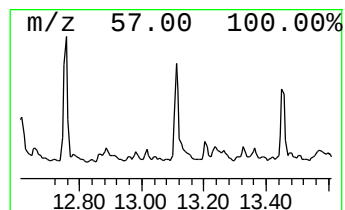
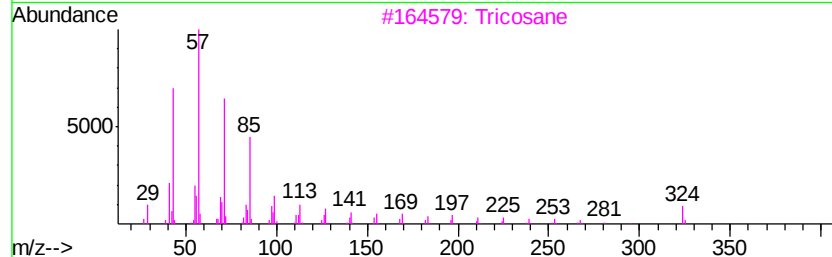
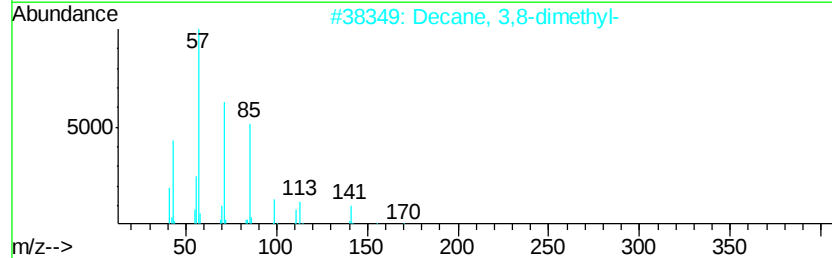
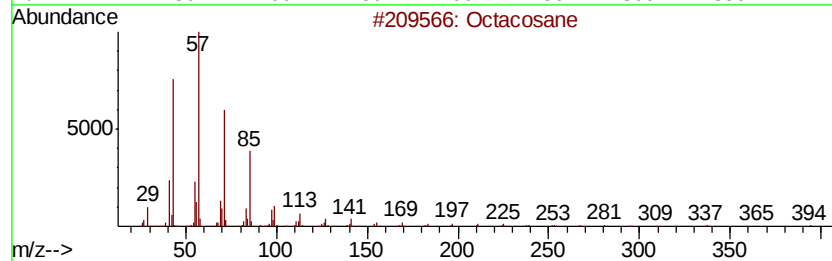
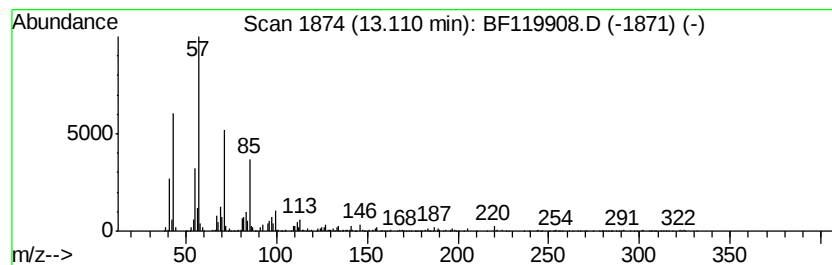
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 Octacosane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	18.47 ng	960945	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	90
2		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	87
3		Tricosane	324	C23H48	000638-67-5	87
4		Eicosane	282	C20H42	000112-95-8	83
5		Hentriacontane	437	C31H64	000630-04-6	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
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ClientSampleId :
JC-02-04082020-A

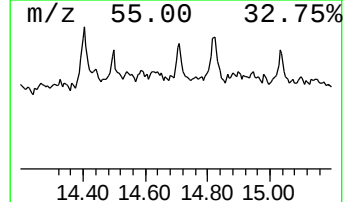
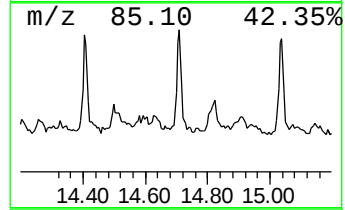
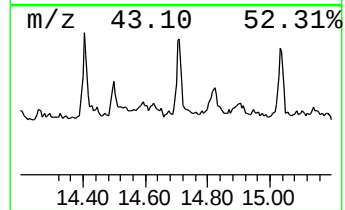
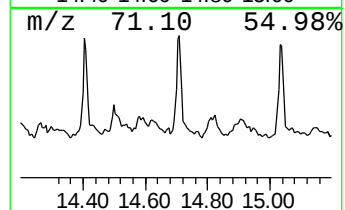
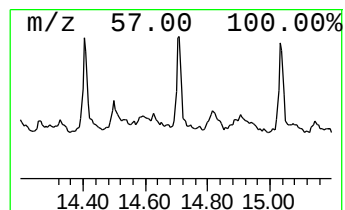
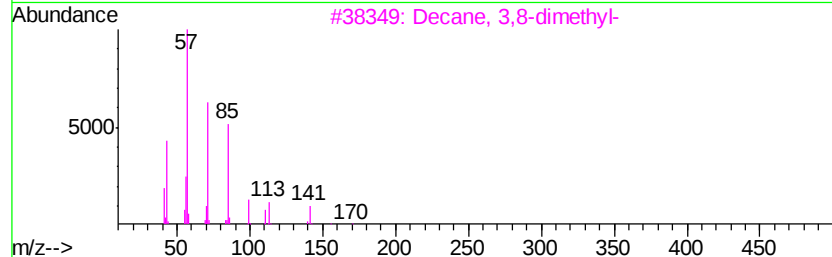
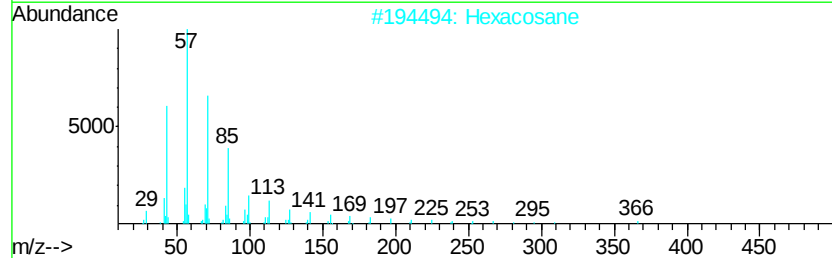
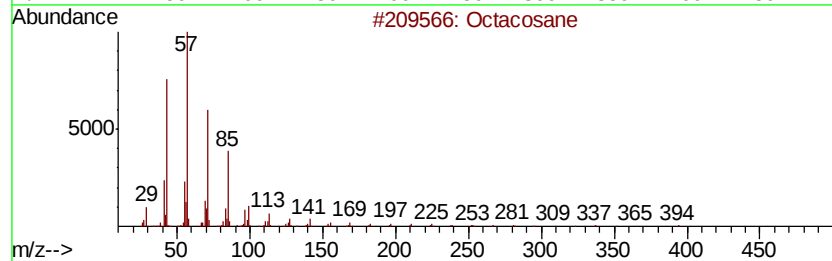
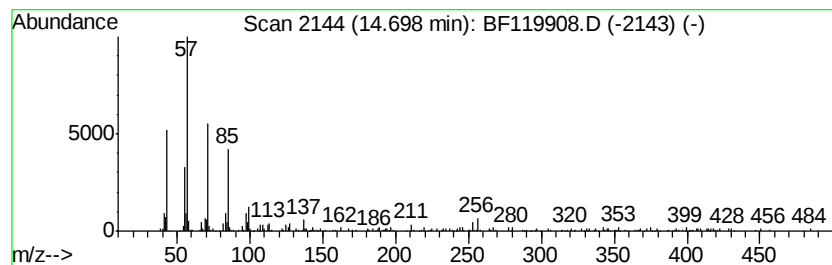
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Hexacosane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	16.85 ng	390737	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octacosane	394	C28H58	000630-02-4	94
2		Hexacosane	366	C26H54	000630-01-3	91
3		Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	80
4		Pentadecane	212	C15H32	000629-62-9	80
5		Undecane, 3-methyl-	170	C12H26	001002-43-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

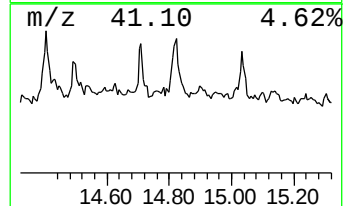
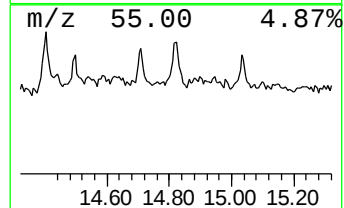
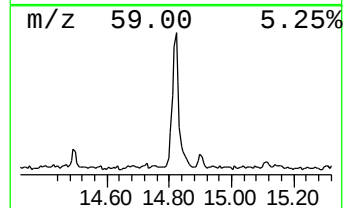
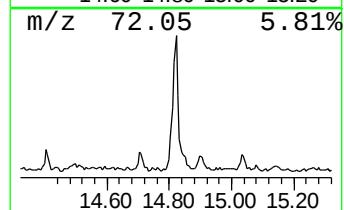
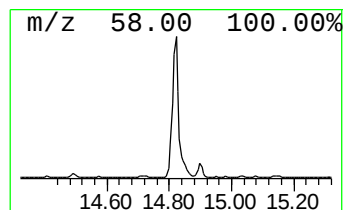
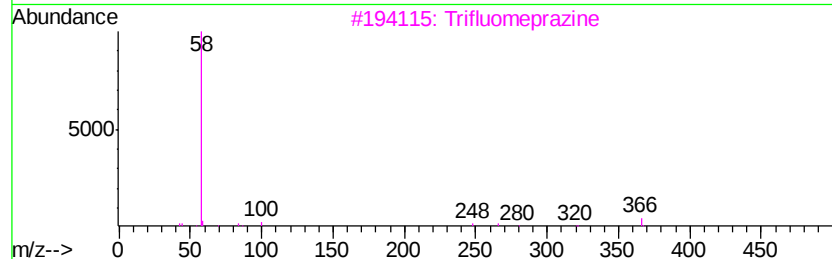
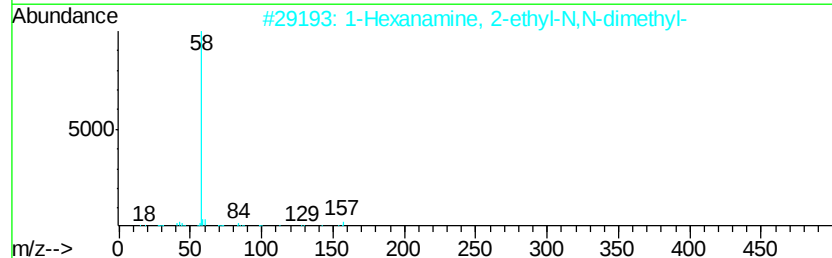
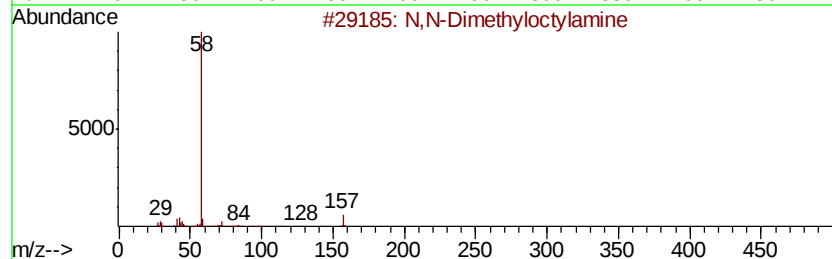
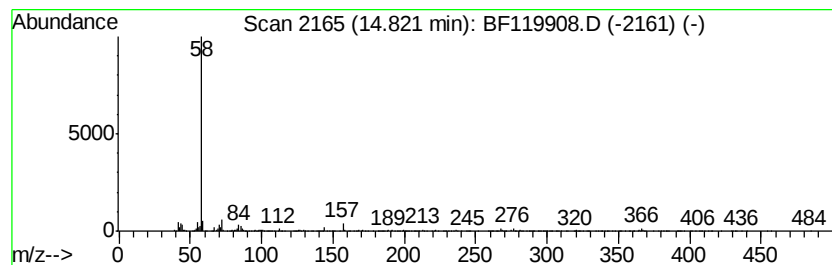
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	55.01 ng	1275510	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
3		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
4		3-(Dimethylamino)propyl isothiocy...	144	C6H12N2S	027421-70-1	64
5		N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119908.D
Acq On : 10 Apr 2020 21:21
Operator : MA/SJ
Sample : L2205-01
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-A

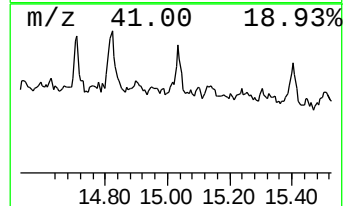
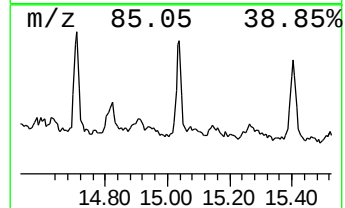
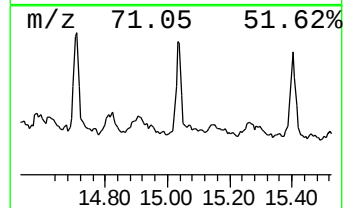
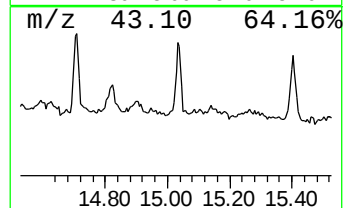
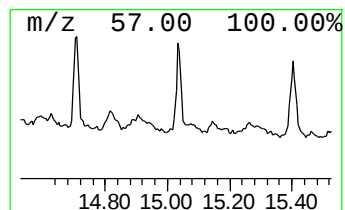
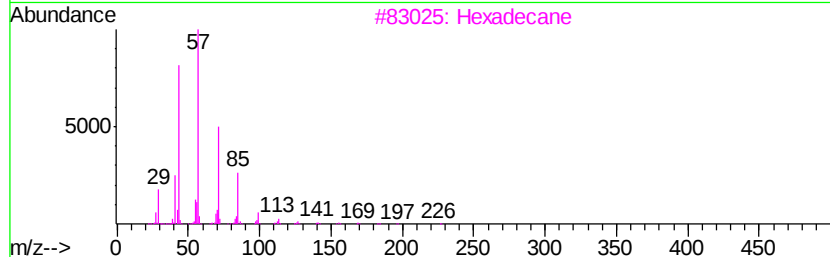
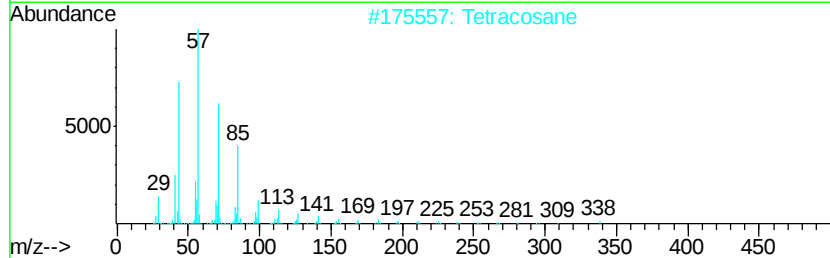
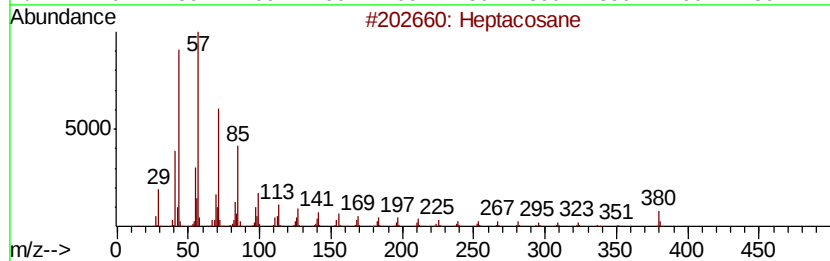
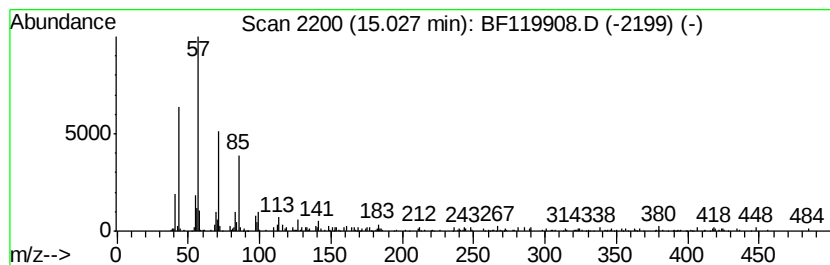
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Heptacosane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	19.52 ng	452534	Perylene-d12	15.37

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptacosane	380	C27H56	000593-49-7	87
2		Tetracosane	338	C24H50	000646-31-1	87
3		Hexadecane	226	C16H34	000544-76-3	81
4		Pentacosane	352	C25H52	000629-99-2	80
5		Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
 Data File : BF119908.D
 Acq On : 10 Apr 2020 21:21
 Operator : MA/SJ
 Sample : L2205-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-04082020-A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.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
Tetradecane	9.20	24.3	ng	1946160	3	9.80	1599550	20.0
Pentadecane	9.73	24.7	ng	1979030	3	9.80	1599550	20.0
Hexadecane	10.23	28.9	ng	2311540	3	9.80	1599550	20.0
Z-2-Tridecen-1-ol	10.46	16.8	ng	1345540	3	9.80	1599550	20.0
Tridecane	10.71	61.1	ng	3166850	4	11.28	1035990	20.0
Methyl tetradecan...	10.81	23.3	ng	1207770	4	11.28	1035990	20.0
Octadecane	11.16	36.0	ng	1864140	4	11.28	1035990	20.0
Heptadecane, 2,6,...	11.19	19.1	ng	987250	4	11.28	1035990	20.0
Dodecane, 2-methy...	11.59	29.9	ng	1547100	4	11.28	1035990	20.0
Hexadecanoic acid...	11.69	158.1	ng	8187780	4	11.28	1035990	20.0
n-Hexadecanoic acid	11.83	38.8	ng	2011860	4	11.28	1035990	20.0
Heneicosane	11.99	28.8	ng	1493580	4	11.28	1035990	20.0
9,12-Octadecadien...	12.39	400.3	ng	20736600	4	11.28	1035990	20.0
16-Octadecenoic a...	12.42	406.1	ng	21038100	4	11.28	1035990	20.0
Octadecanoic acid	12.61	18.8	ng	976658	5	13.93	1040630	20.0
Octacosane	13.11	18.5	ng	960945	5	13.93	1040630	20.0
Hexacosane	14.70	16.9	ng	390737	6	15.37	463756	20.0
N,N-Dimethyloctyl...	14.82	55.0	ng	1275510	6	15.37	463756	20.0
Heptacosane	15.03	19.5	ng	452534	6	15.37	463756	20.0