

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
 Data File : BF119906.D
 Acq On : 10 Apr 2020 20:27
 Operator : MA/SJ
 Sample : L2205-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-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	491	rBV	406199	483526	1.42%	0.284%
2	5.363	550	557	560	rBV	3265227	3367348	9.92%	1.976%
3	6.386	726	731	734	rBV	3257527	3227965	9.51%	1.894%
4	6.592	761	766	773	rBV3	325295	358917	1.06%	0.211%
5	6.751	789	793	796	rBV	1368294	1140268	3.36%	0.669%
6	6.910	816	820	823	rBV	3176739	2781157	8.20%	1.632%
7	7.316	880	889	892	rBV	2458404	2587096	7.62%	1.518%
8	7.357	892	896	899	rVV	1084246	897889	2.65%	0.527%
9	7.563	926	931	934	rVB3	363641	490352	1.44%	0.288%
10	7.728	955	959	961	rVB3	307891	378353	1.11%	0.222%
11	7.763	961	965	966	rBV3	359476	393579	1.16%	0.231%
12	7.792	969	970	975	rVV3	373333	427774	1.26%	0.251%
13	8.027	1007	1010	1014	rVV2	2253975	2757185	8.12%	1.618%
14	8.104	1021	1023	1026	rVB	624386	501498	1.48%	0.294%
15	8.216	1035	1042	1043	rBV4	208620	366594	1.08%	0.215%
16	8.239	1043	1046	1049	rVB2	375460	402629	1.19%	0.236%
17	8.333	1057	1062	1065	rBV4	573864	823236	2.43%	0.483%
18	8.392	1069	1072	1074	rVB3	477583	425372	1.25%	0.250%
19	8.422	1074	1077	1080	rBV2	667094	617759	1.82%	0.362%
20	8.463	1080	1084	1086	rBV2	748236	730356	2.15%	0.428%
21	8.545	1094	1098	1101	rBV2	845107	798991	2.35%	0.469%
22	8.639	1110	1114	1116	rBV	2223393	2128570	6.27%	1.249%
23	8.698	1121	1124	1126	rVV2	486527	472886	1.39%	0.277%
24	8.733	1126	1130	1132	rVB3	388459	391611	1.15%	0.230%
25	8.863	1145	1152	1154	rBV4	762347	805776	2.37%	0.473%
26	8.922	1159	1162	1163	rBV2	369289	346943	1.02%	0.204%
27	9.004	1173	1176	1179	rVB	560517	537044	1.58%	0.315%
28	9.039	1179	1182	1184	rBV2	401707	372595	1.10%	0.219%
29	9.069	1184	1187	1191	rVB2	775734	847418	2.50%	0.497%
30	9.116	1191	1195	1198	rBV	4004255	3422658	10.09%	2.008%
31	9.204	1205	1210	1214	rBV	2886527	2740138	8.07%	1.608%
32	9.457	1250	1253	1255	rVV2	498502	600469	1.77%	0.352%
33	9.474	1255	1256	1259	rVV2	475213	387182	1.14%	0.227%
34	9.510	1259	1262	1266	rVV2	1200966	1844875	5.44%	1.082%

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35	9.545	1266	1268	1271	rVV	715736	608166	1.79%	0.357%
36	9.580	1271	1274	1277	rVB2	616944	563472	1.66%	0.331%
37	9.733	1297	1300	1303	rVB	2974001	2290401	6.75%	1.344%
38	9.774	1304	1307	1308	rBV3	379297	408098	1.20%	0.239%
39	9.792	1308	1310	1313	rVB	1687351	1393233	4.11%	0.817%
40	9.845	1316	1319	1321	rBV	665102	524942	1.55%	0.308%
41	9.963	1335	1339	1342	rBV2	418748	683586	2.01%	0.401%
42	9.992	1342	1344	1351	rVV4	463171	903942	2.66%	0.530%
43	10.057	1351	1355	1358	rVV2	653453	796036	2.35%	0.467%
44	10.233	1381	1385	1388	rVV	2839195	2395158	7.06%	1.405%
45	10.286	1392	1394	1399	rVB5	271493	346102	1.02%	0.203%
46	10.451	1416	1422	1425	rBV	1038231	1437392	4.24%	0.843%
47	10.539	1434	1437	1439	rBV2	362900	375400	1.11%	0.220%
48	10.580	1439	1444	1448	rVB2	1963461	2076406	6.12%	1.218%
49	10.710	1462	1466	1474	rBV	2689841	3278251	9.66%	1.923%
50	10.810	1480	1483	1487	rVB	1159831	895341	2.64%	0.525%
51	11.157	1539	1542	1544	rBV	2403883	1848319	5.45%	1.084%
52	11.186	1544	1547	1553	rVB	1031222	1092916	3.22%	0.641%
53	11.280	1560	1563	1565	rBV	1323209	1069397	3.15%	0.627%
54	11.304	1565	1567	1570	rVV	763769	602427	1.78%	0.353%
55	11.586	1611	1615	1617	rVV	1755904	1639051	4.83%	0.962%
56	11.604	1617	1618	1621	rVB2	654363	443432	1.31%	0.260%
57	11.692	1627	1633	1636	rVB	11183676	12250065	36.10%	7.187%
58	11.827	1651	1656	1663	rBV2	1406871	1868697	5.51%	1.096%
59	11.892	1663	1667	1672	rBV3	254097	416327	1.23%	0.244%
60	11.992	1680	1684	1692	rVB	1569649	1630462	4.80%	0.957%
61	12.398	1744	1753	1755	rBV	14428744	33935711	100.00%	19.910%
62	12.427	1755	1758	1761	rVV2	16124500	20238991	59.64%	11.874%
63	12.451	1761	1762	1764	rVV	488128	375568	1.11%	0.220%
64	12.486	1764	1768	1771	rVV2	6582369	6685137	19.70%	3.922%
65	12.545	1775	1778	1784	rVV	4254109	5928501	17.47%	3.478%
66	12.610	1787	1789	1793	rVB	921077	813183	2.40%	0.477%
67	12.727	1804	1809	1811	rBV2	1269194	1761370	5.19%	1.033%
68	12.751	1811	1813	1816	rVB	756255	679047	2.00%	0.398%
69	12.839	1825	1828	1831	rBV3	219881	343722	1.01%	0.202%
70	12.874	1831	1834	1839	rVB	2637192	2454984	7.23%	1.440%
71	13.039	1859	1862	1864	rBV	820941	807339	2.38%	0.474%

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 Sampling : 1 Min Area: 3 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

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72	13.110	1871	1874	1875	rBV	1005036	841325	2.48%	0.494%
73	13.127	1875	1877	1880	rVB	901990	782333	2.31%	0.459%
74	13.204	1885	1890	1893	rBV2	1027825	1138629	3.36%	0.668%
75	13.368	1915	1918	1924	rVB4	778955	934880	2.75%	0.548%
76	13.421	1924	1927	1929	rBV	421337	404093	1.19%	0.237%
77	13.451	1929	1932	1935	rVB	537540	456328	1.34%	0.268%
78	13.780	1986	1988	1994	rVB2	457788	568110	1.67%	0.333%
79	13.874	2001	2004	2007	rBV	622299	560175	1.65%	0.329%
80	13.921	2008	2012	2015	rVV2	1172282	1586950	4.68%	0.931%
81	13.951	2015	2017	2019	rVB	477203	357152	1.05%	0.210%
82	14.098	2040	2042	2049	rVB2	400461	388165	1.14%	0.228%
83	14.257	2067	2069	2074	rBV	287061	351164	1.03%	0.206%
84	14.404	2089	2094	2097	rBV2	803144	1134220	3.34%	0.665%
85	14.498	2107	2110	2115	rBV4	357234	431759	1.27%	0.253%
86	14.704	2143	2145	2154	rVB3	496193	683722	2.01%	0.401%
87	14.821	2160	2165	2174	rVB	1582955	2421016	7.13%	1.420%
88	14.951	2184	2187	2195	rVB	520250	916045	2.70%	0.537%
89	15.033	2199	2201	2207	rVB2	500390	582533	1.72%	0.342%
90	15.298	2244	2246	2253	rVB	383622	538769	1.59%	0.316%
91	15.362	2254	2257	2260	rBV	589512	652394	1.92%	0.383%

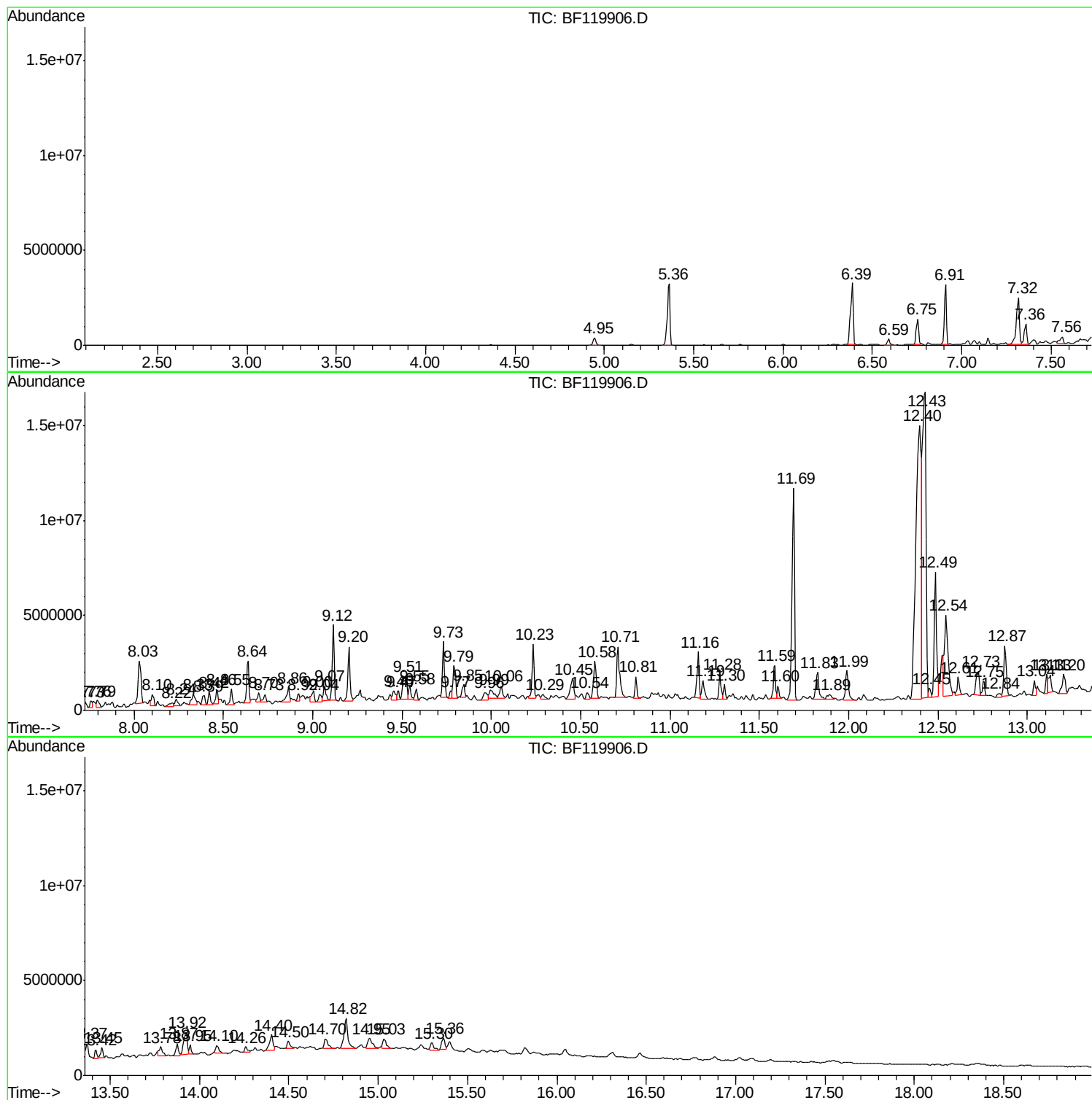
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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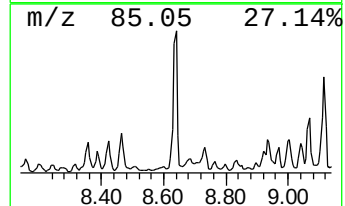
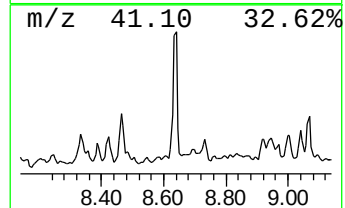
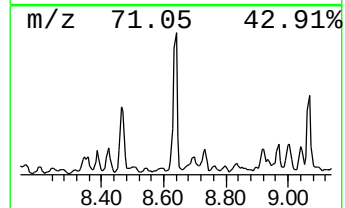
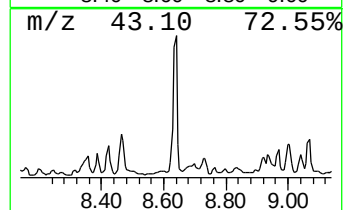
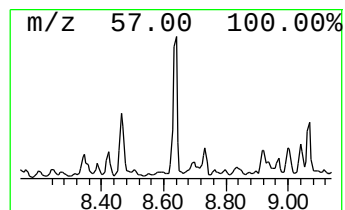
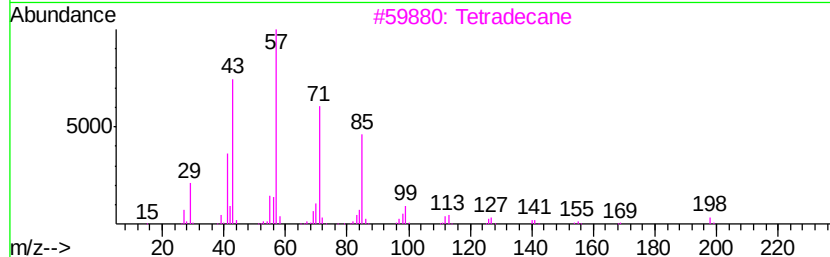
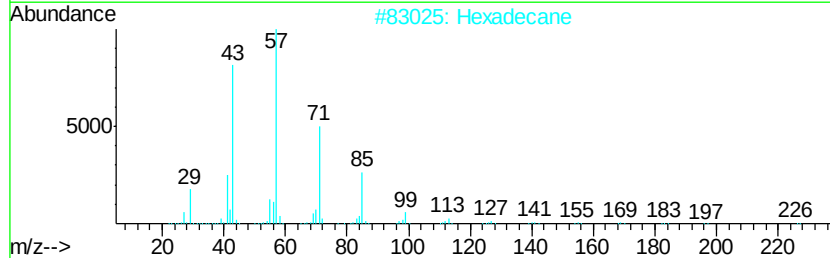
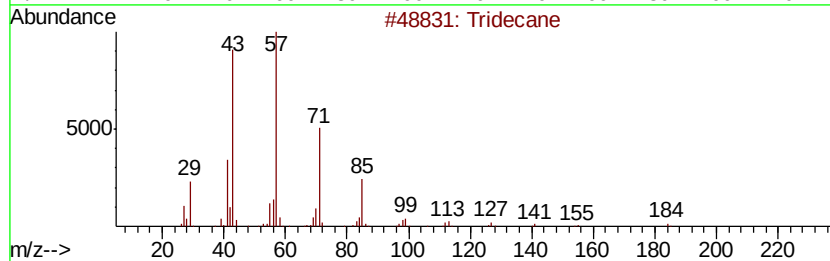
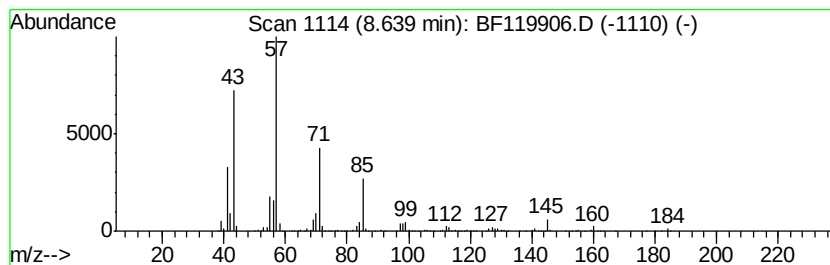
Instrument :
BNA_F
ClientSampleId :
JC-02-04082020-B

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 Tridecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.64	15.44 ng	2128570	Napthalene-d8	8.04
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	95
2	Hexadecane	226 C16H34	000544-76-3	86
3	Tetradecane	198 C14H30	000629-59-4	78
4	Triacontane	422 C30H62	000638-68-6	64
5	Tridecane, 6-methyl-	198 C14H30	013287-21-3	59



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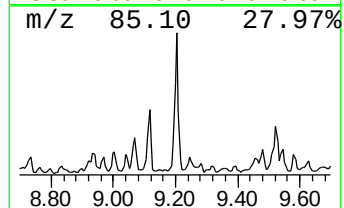
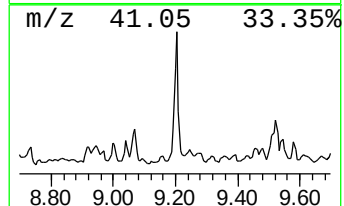
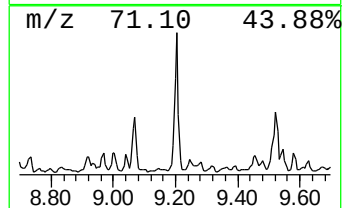
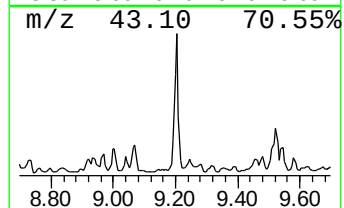
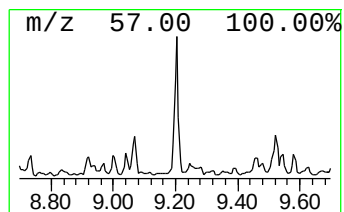
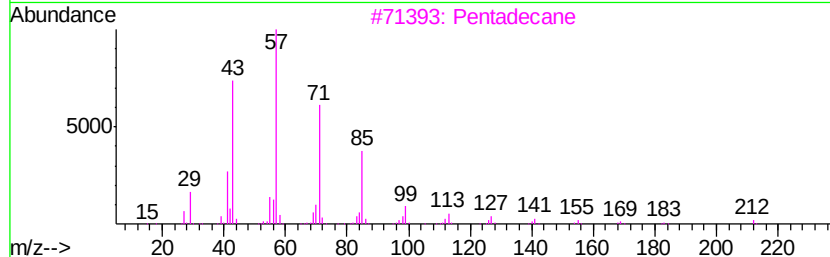
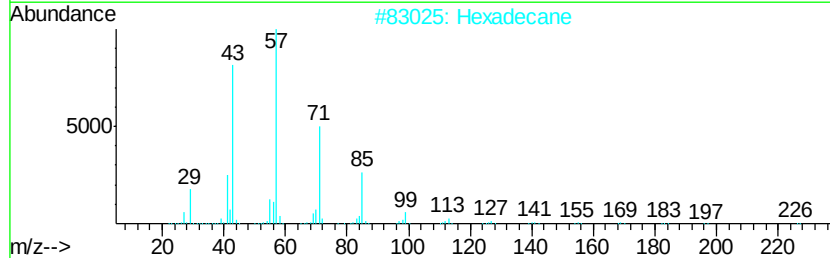
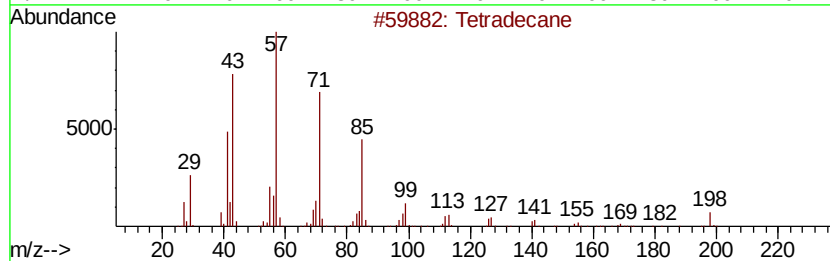
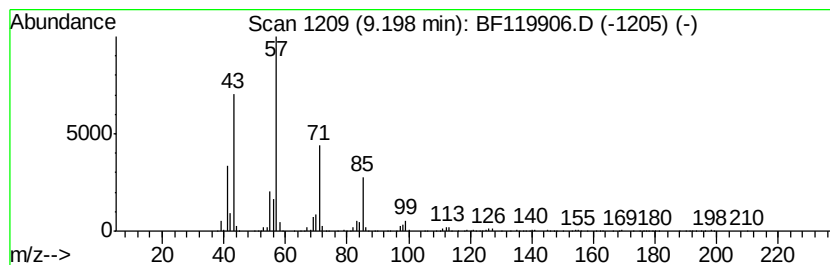
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tetradecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.20	39.34 ng	2740140	Acenaphthene-d10	9.79

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	93
2		Hexadecane	226	C16H34	000544-76-3	91
3		Pentadecane	212	C15H32	000629-62-9	90
4		Undecane	156	C11H24	001120-21-4	80
5		Tridecane	184	C13H28	000629-50-5	80



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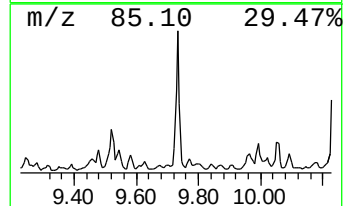
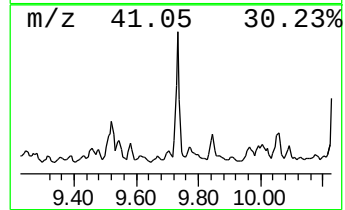
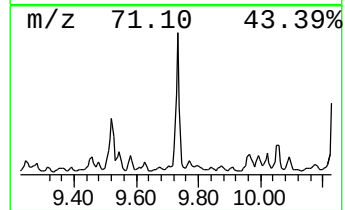
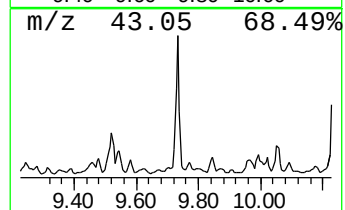
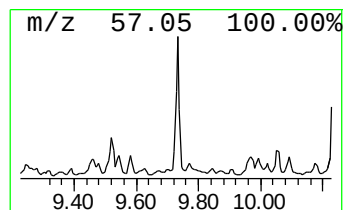
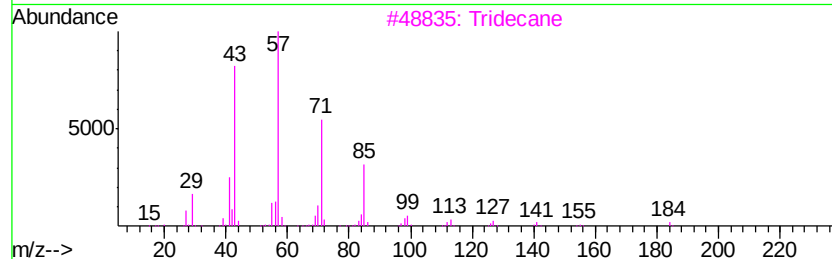
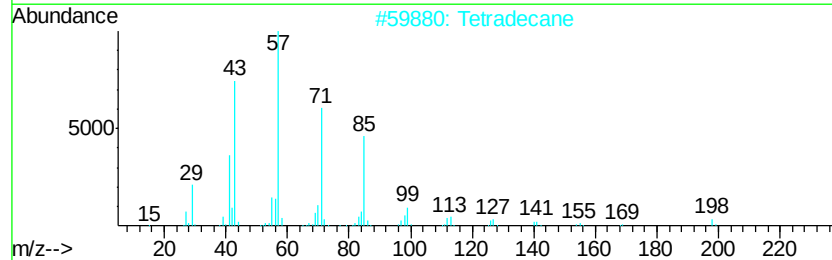
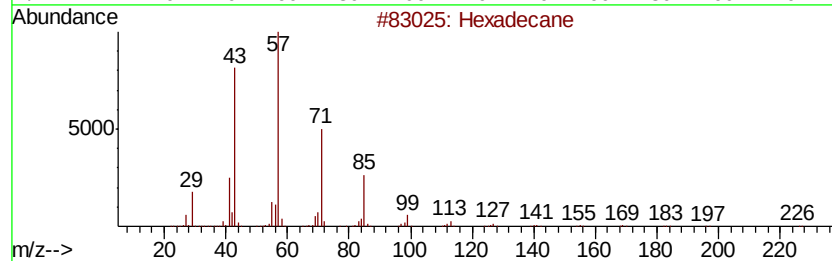
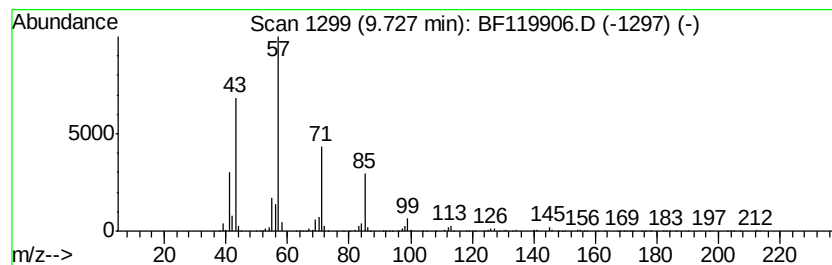
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 4 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.73	32.88 ng	2290400	Acenaphthene-d10	9.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	91
2		Tetradecane	198	C14H30	000629-59-4	90
3		Tridecane	184	C13H28	000629-50-5	90
4		Pentadecane	212	C15H32	000629-62-9	90
5		Undecane	156	C11H24	001120-21-4	80



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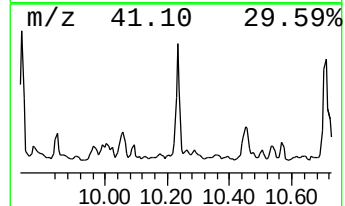
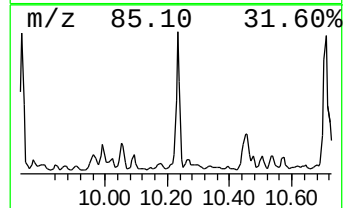
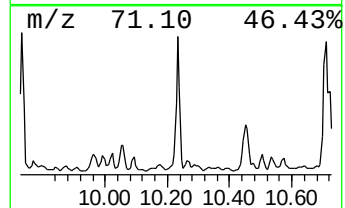
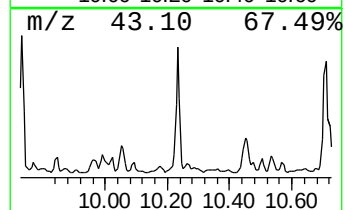
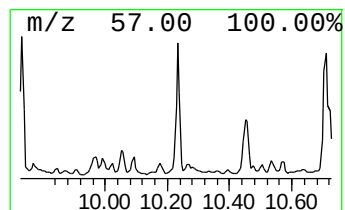
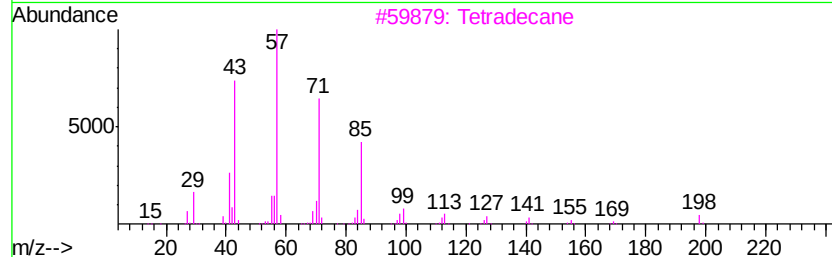
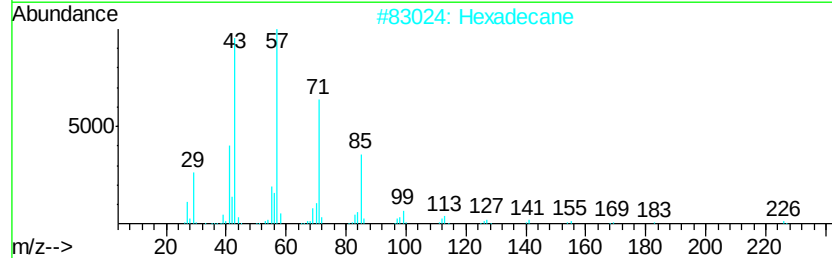
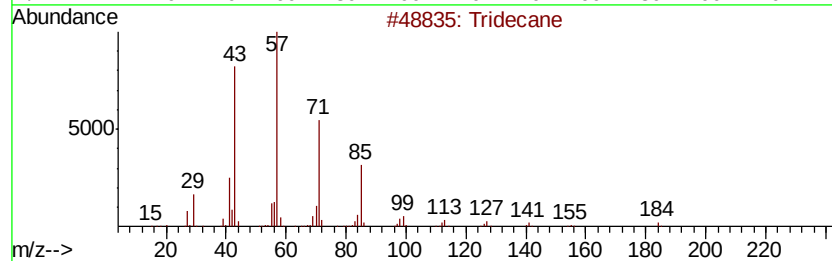
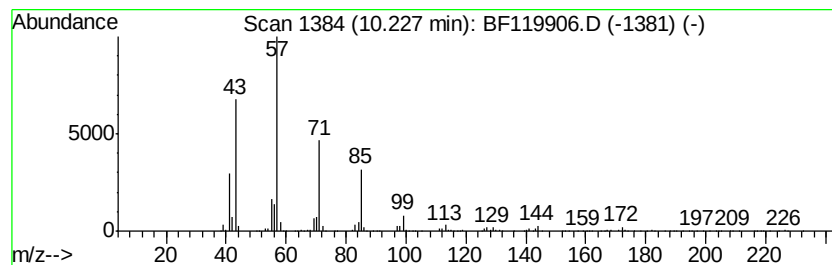
Instrument :
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ClientSampleId :
JC-02-04082020-B

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 5 Pentadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	34.38 ng	2395160	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Tridecane	184 C13H28	000629-50-5	90
2	Hexadecane	226 C16H34	000544-76-3	90
3	Tetradecane	198 C14H30	000629-59-4	90
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 : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

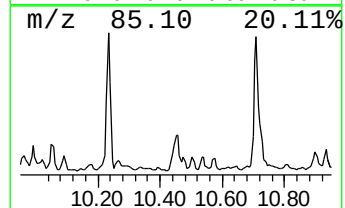
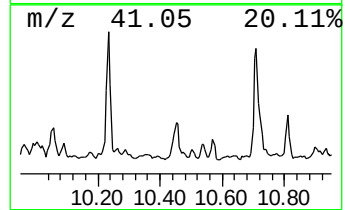
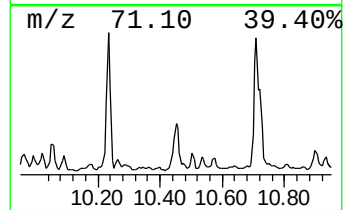
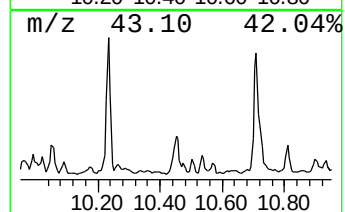
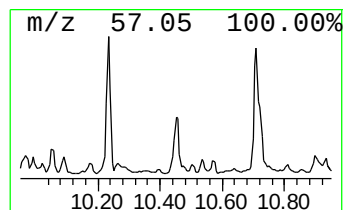
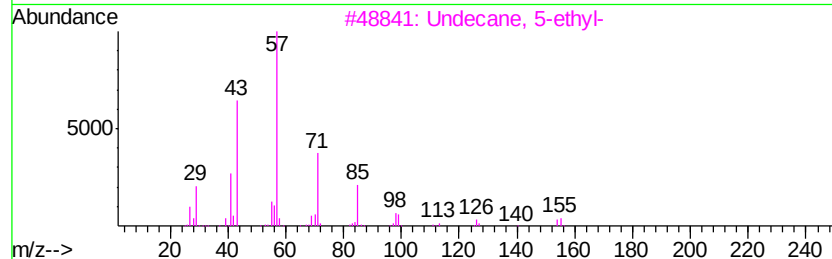
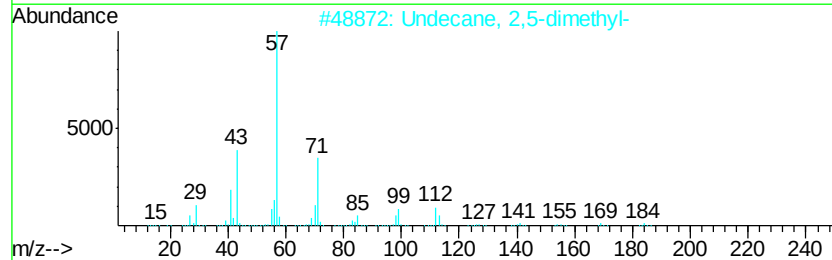
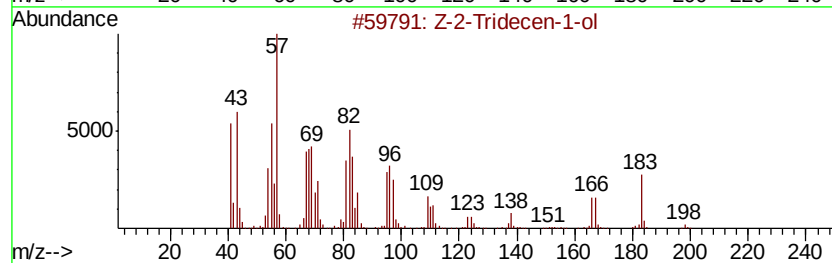
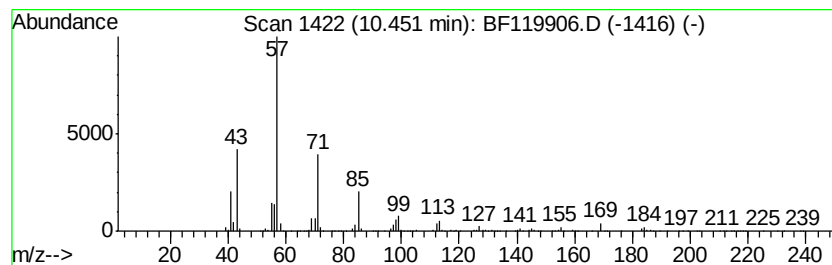
Instrument :
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ClientSampleId :
JC-02-04082020-B

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 6 Z-2-Tridecen-1-ol Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	20.63 ng	1437390	Acenaphthene-d10	9.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Z-2-Tridecen-1-ol	198 C13H26O	1000130-75-8 83
2		Undecane, 2,5-dimethyl-	184 C13H28	017301-22-3 76
3		Undecane, 5-ethyl-	184 C13H28	017453-94-0 72
4		Tridecane	184 C13H28	000629-50-5 72
5		Decane, 2,6,8-trimethyl-	184 C13H28	062108-26-3 68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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Acq On : 10 Apr 2020 20:27
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Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

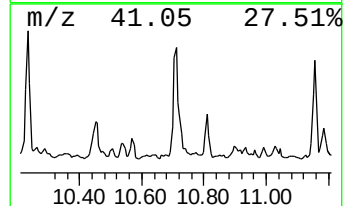
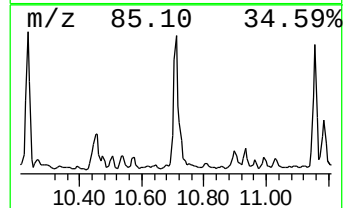
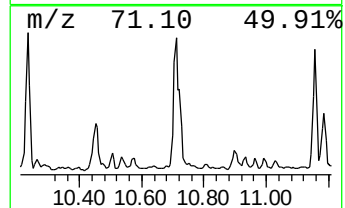
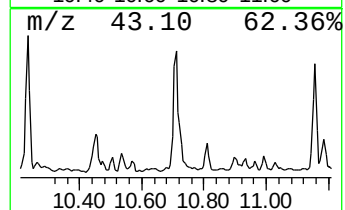
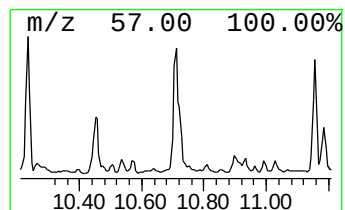
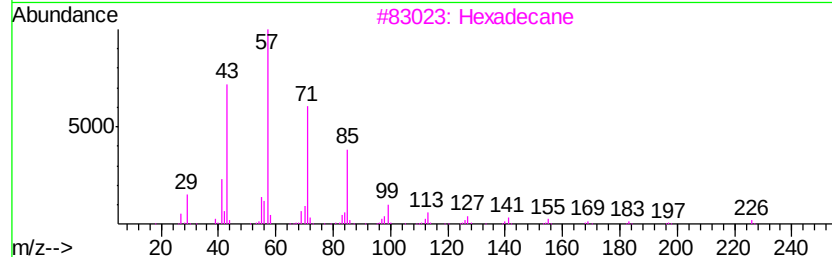
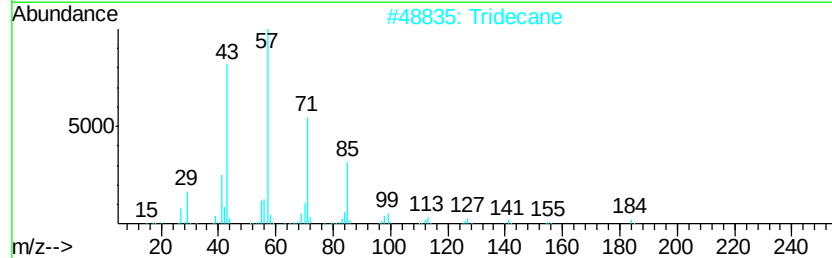
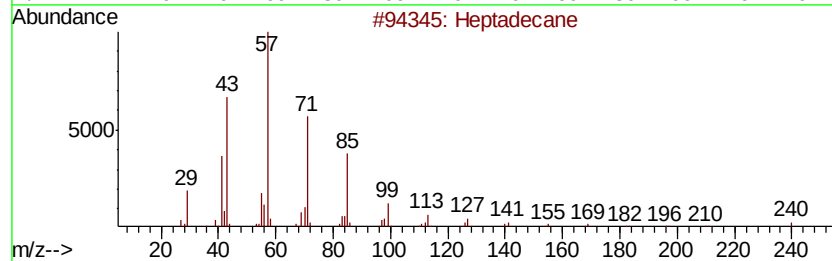
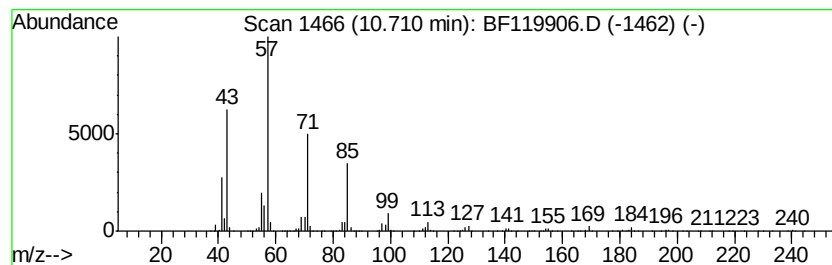
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ClientSampleId :
JC-02-04082020-B

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 Heptadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.71	61.31 ng	3278250	Phenanthrene-d10		11.28
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	97
2	Tridecane	184	C13H28	000629-50-5	94
3	Hexadecane	226	C16H34	000544-76-3	87
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5	Pentadecane	212	C15H32	000629-62-9	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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Acq On : 10 Apr 2020 20:27
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Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

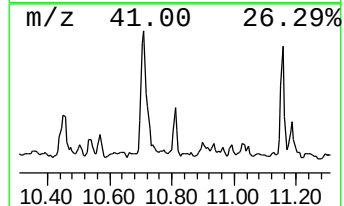
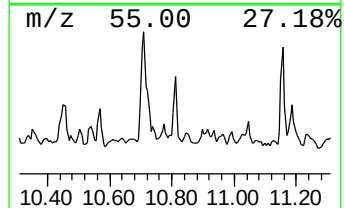
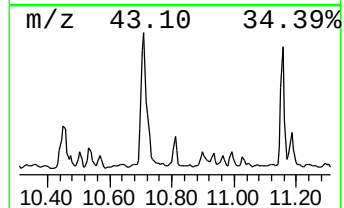
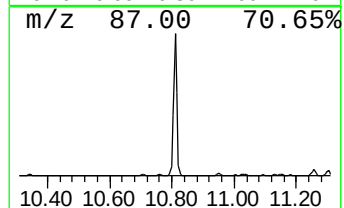
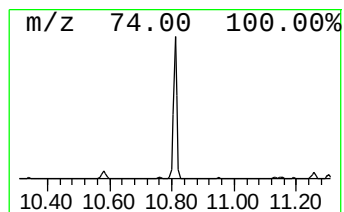
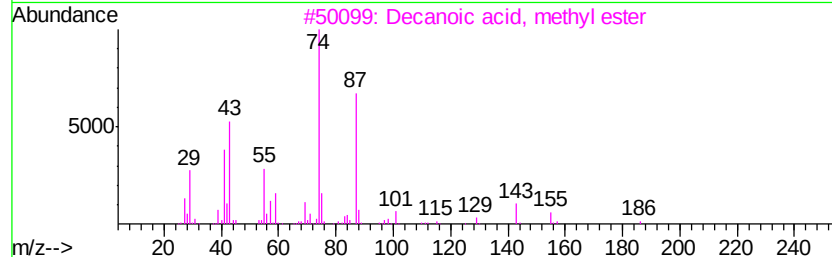
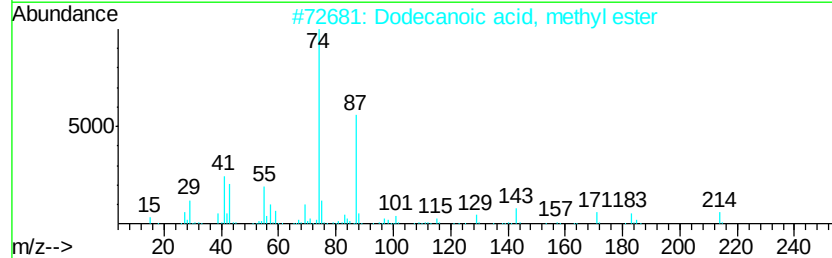
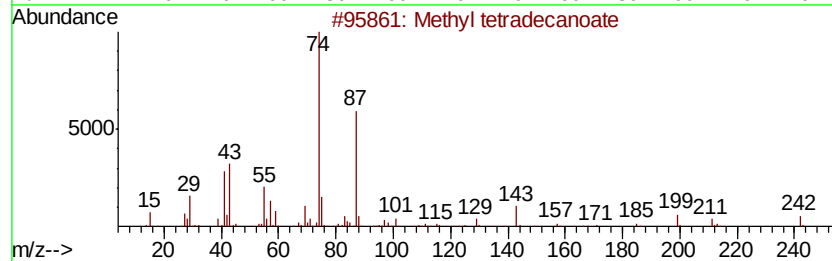
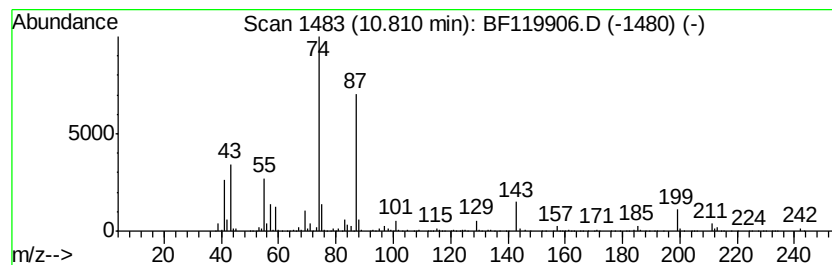
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Methyl tetradecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.		
10.81	16.74 ng	895341	Phenanthrene-d10	11.28		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Methyl tetradecanoate	242	C15H30O2	000124-10-7	91
2		Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	86
3		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	80
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	78
5		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
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Misc :
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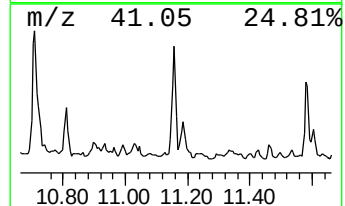
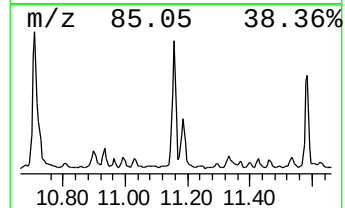
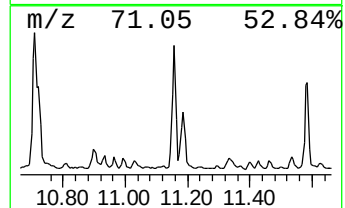
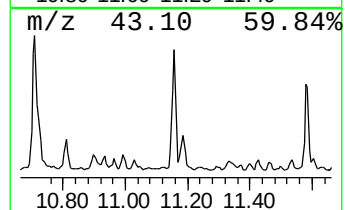
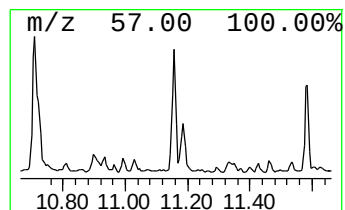
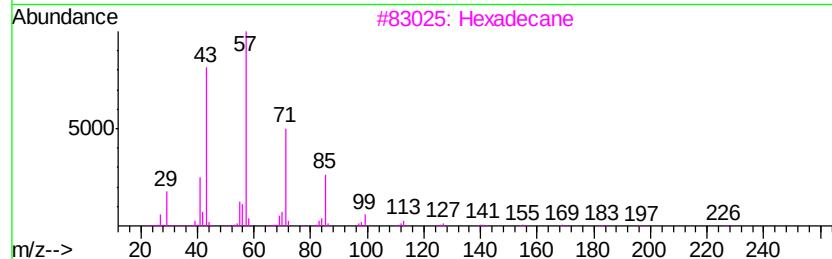
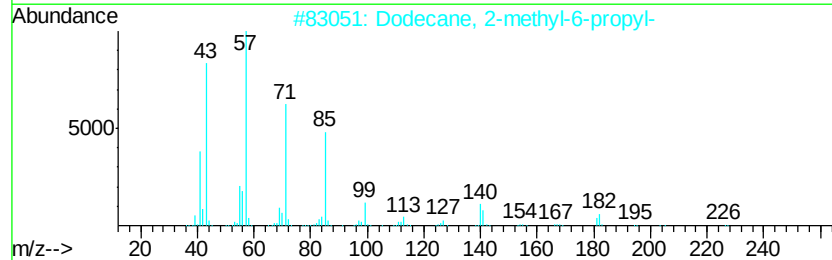
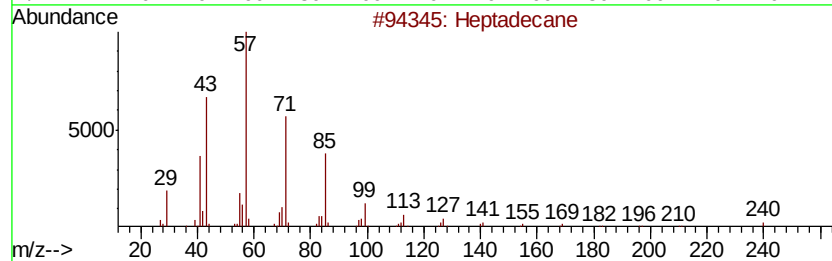
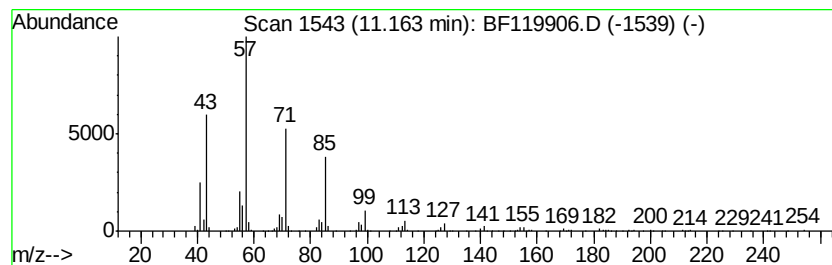
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	34.57 ng	1848320	Phenanthrene-d10	11.28

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecane	240	C17H36	000629-78-7	90
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
3		Hexadecane	226	C16H34	000544-76-3	86
4		Hexacosane	366	C26H54	000630-01-3	83
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
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Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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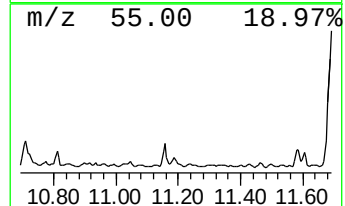
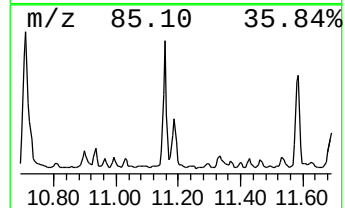
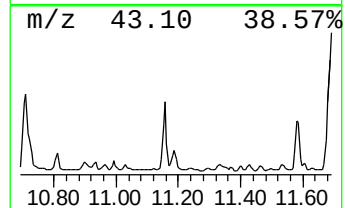
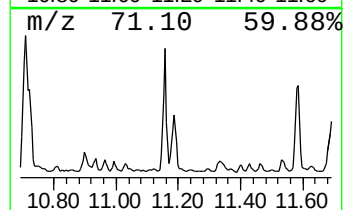
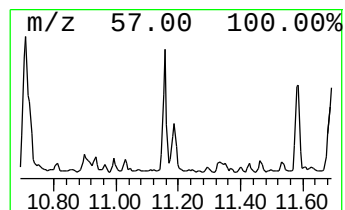
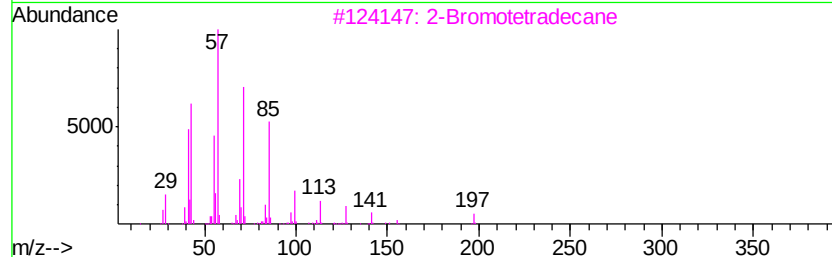
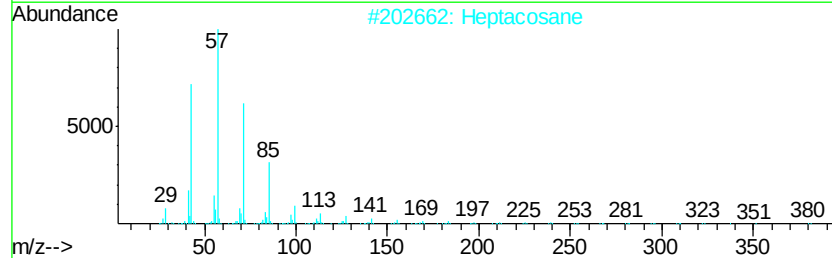
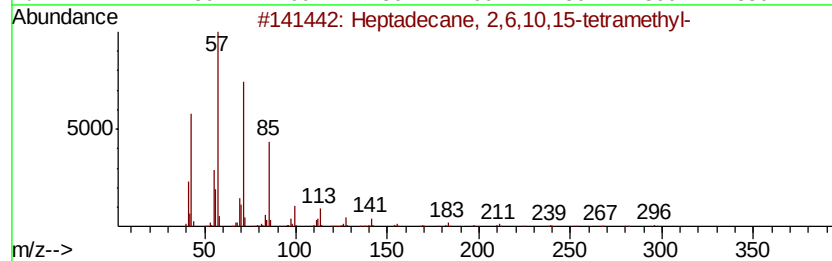
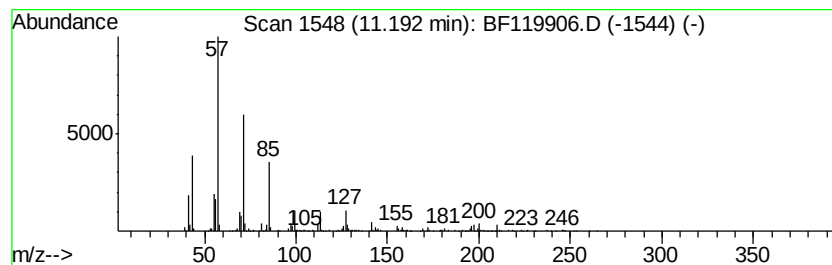
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	20.44 ng	1092920	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	86
2		Heptacosane	380	C27H56	000593-49-7	86
3		2-Bromotetradecane	276	C14H29Br	074036-95-6	83
4		Decane, 3-methyl-	156	C11H24	013151-34-3	83
5		2-Bromo dodecane	248	C12H25Br	013187-99-0	78



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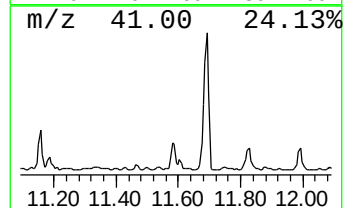
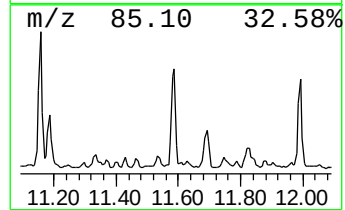
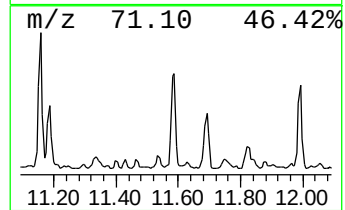
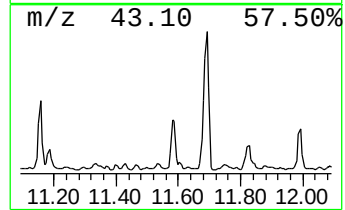
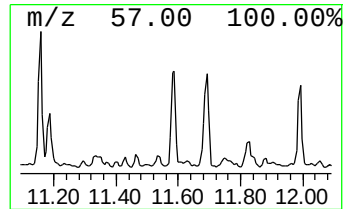
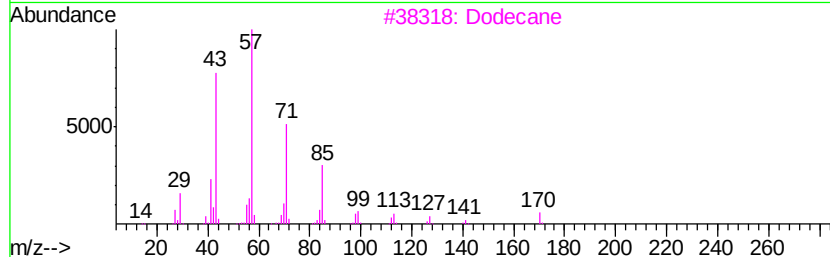
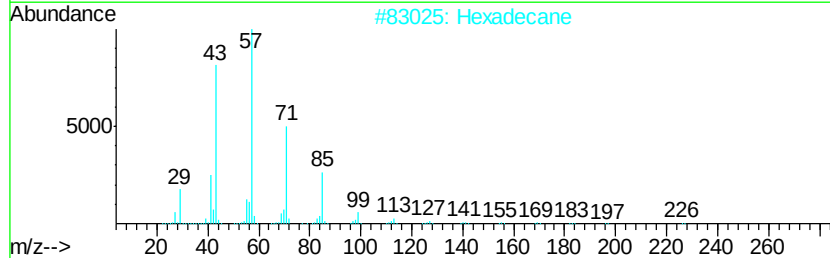
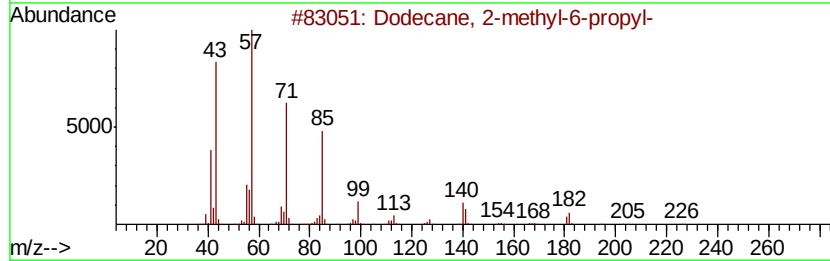
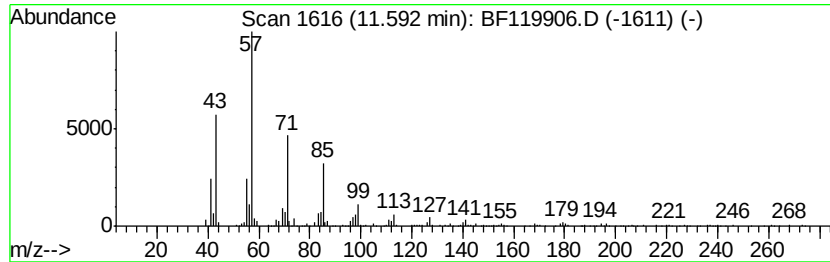
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.59	30.65 ng	1639050	Phenanthrene-d10	11.28	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Dodecane	170	C12H26	000112-40-3	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Nonadecane	268	C19H40	000629-92-5	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

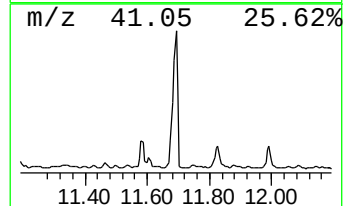
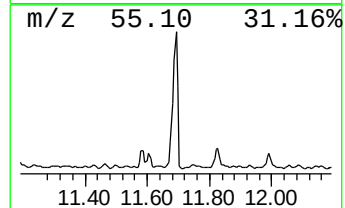
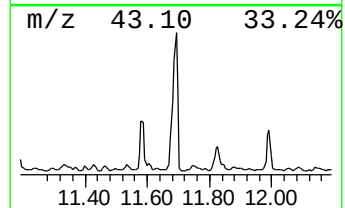
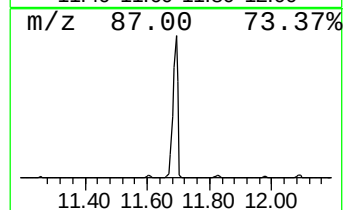
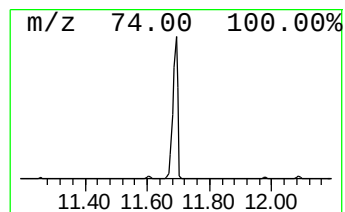
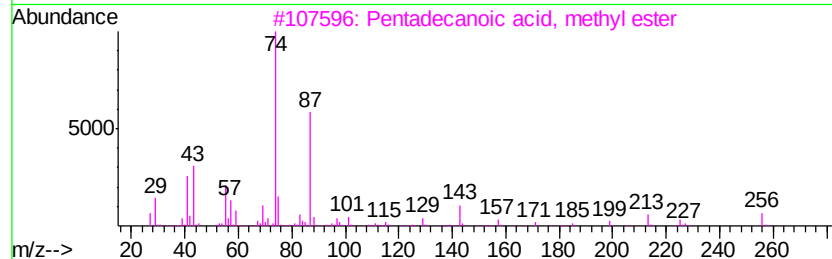
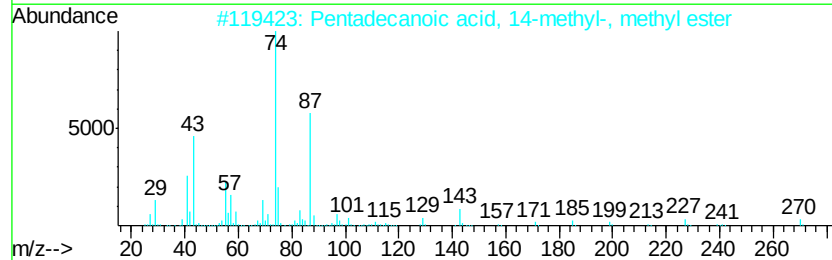
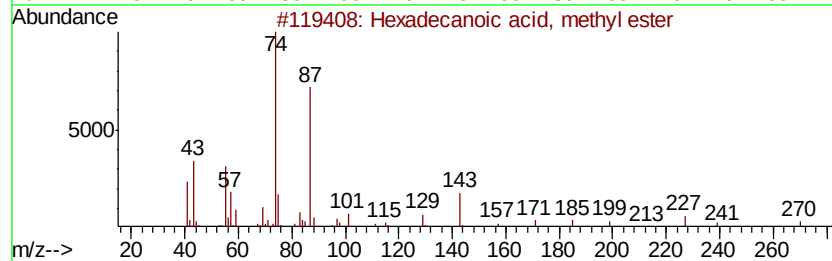
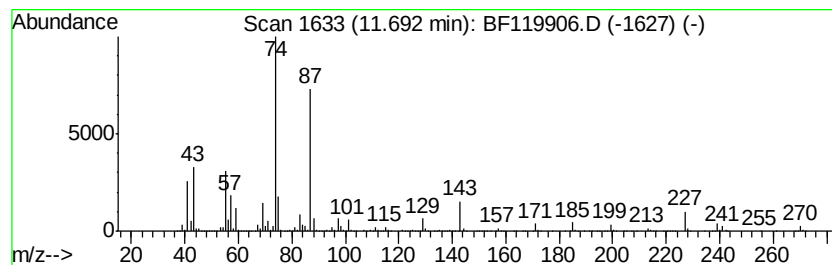
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	229.10 ng	12250100	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	97
3		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4		Methyl tetradecanoate	242	C15H30O2	000124-10-7	80
5		Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

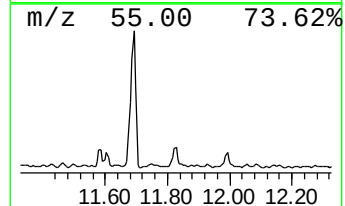
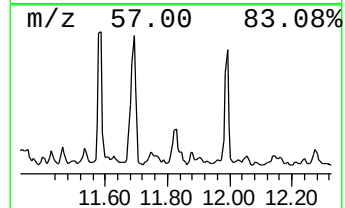
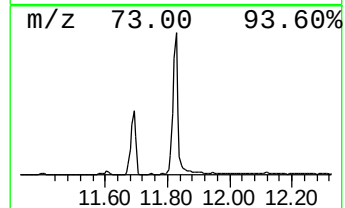
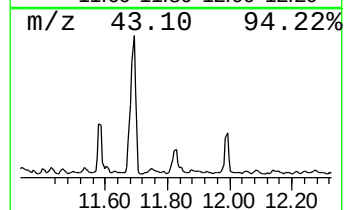
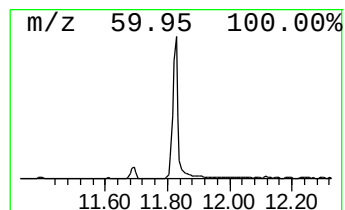
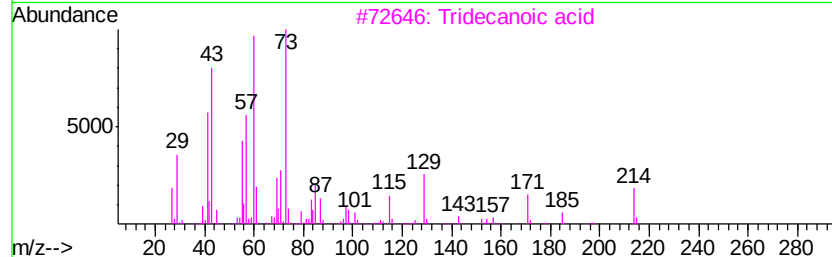
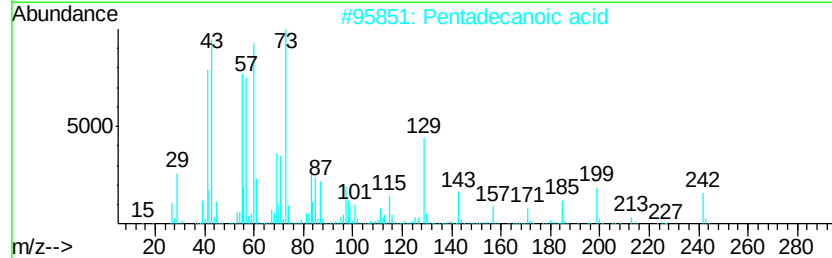
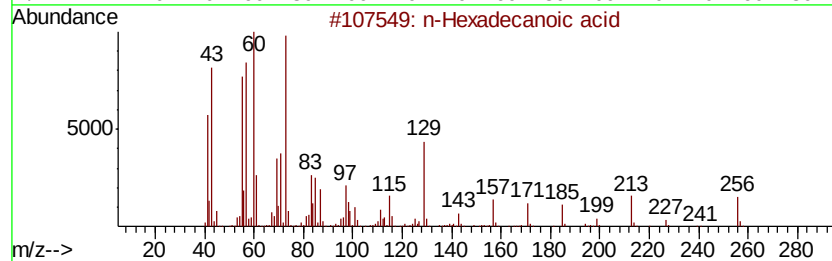
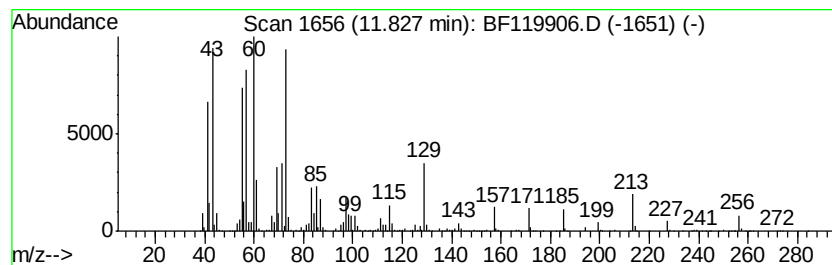
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	34.95 ng	1868700	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3		Tridecanoic acid	214	C13H26O2	000638-53-9	83
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5		Undecanoic acid	186	C11H22O2	000112-37-8	59



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
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Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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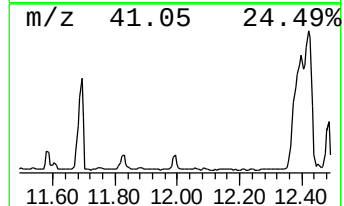
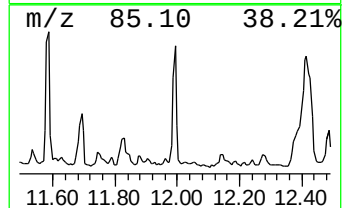
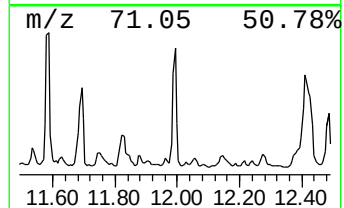
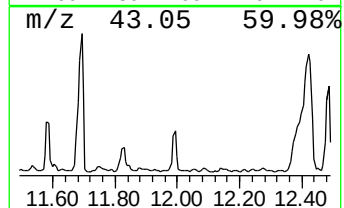
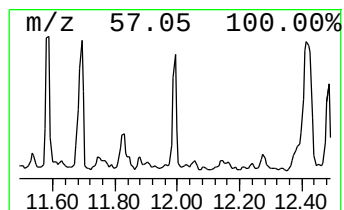
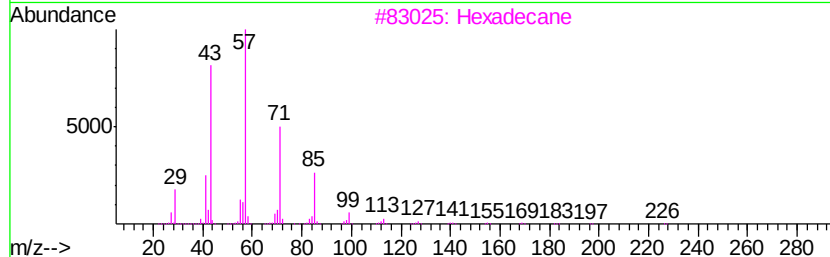
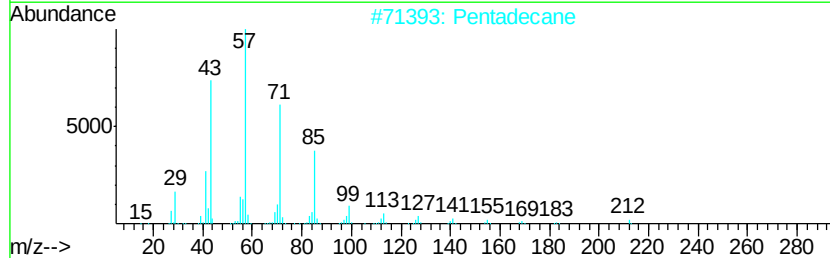
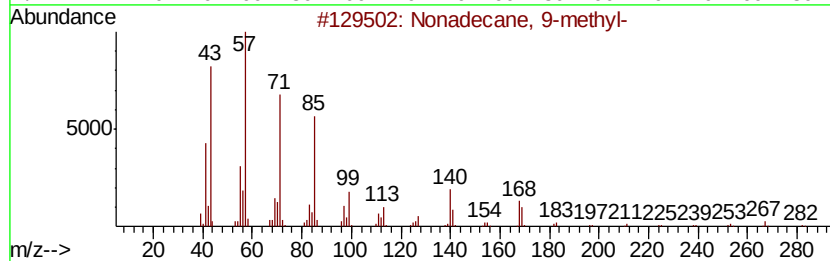
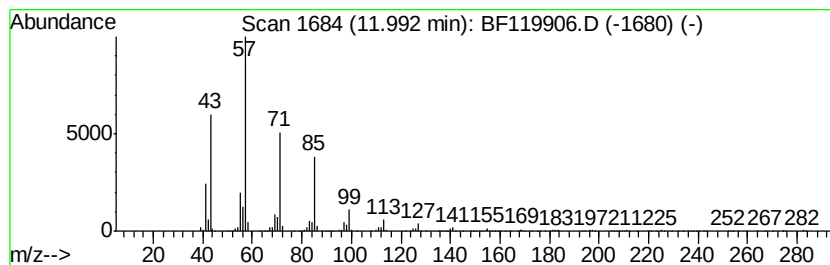
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Nonadecane, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	30.49 ng	1630460	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	94
2		Pentadecane	212	C15H32	000629-62-9	91
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
5		Heneicosane	296	C21H44	000629-94-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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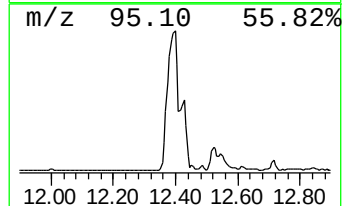
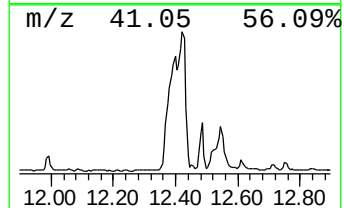
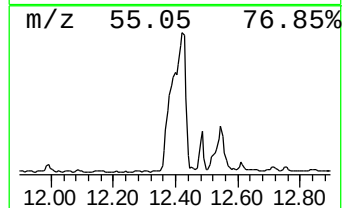
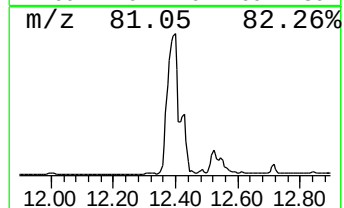
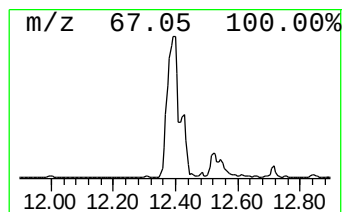
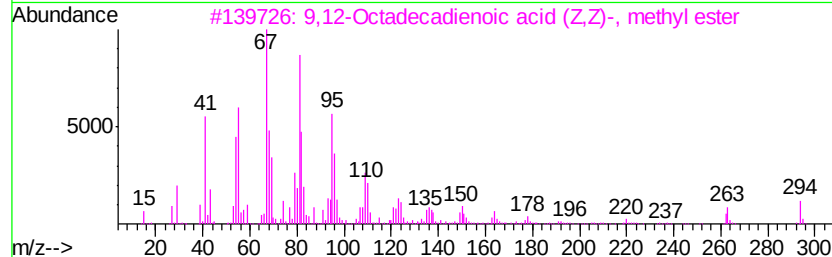
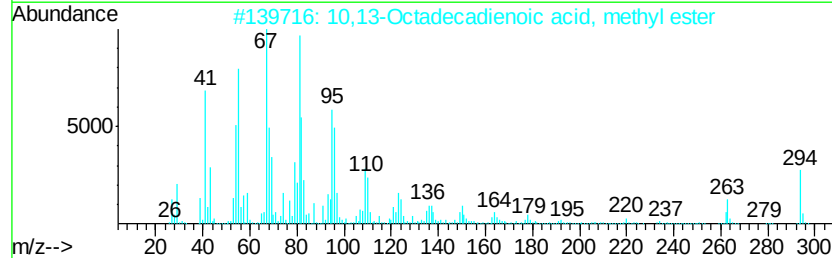
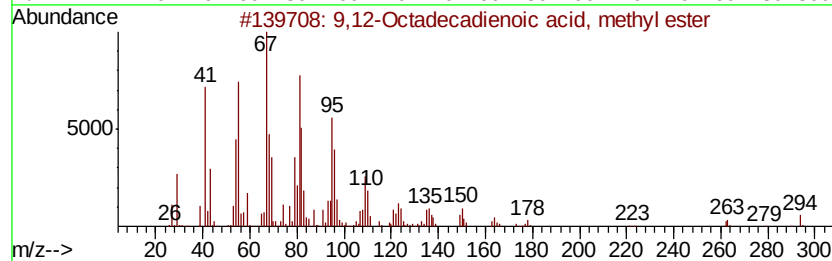
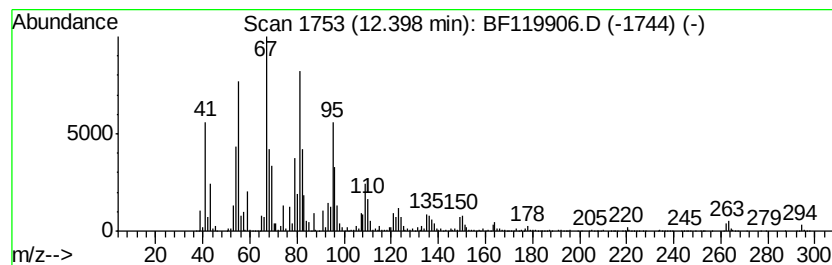
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.40	634.67 ng	33935700	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		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
3		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	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



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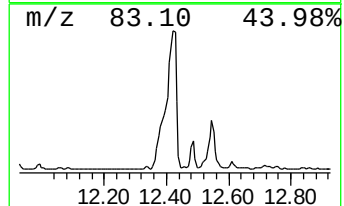
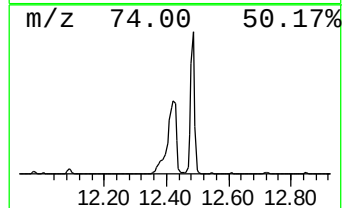
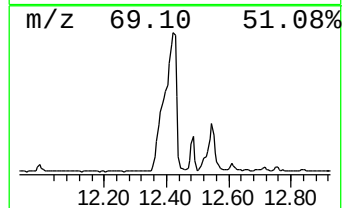
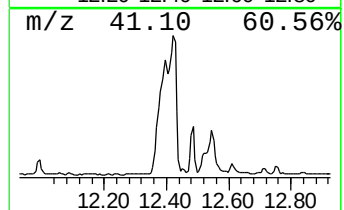
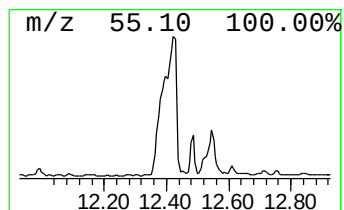
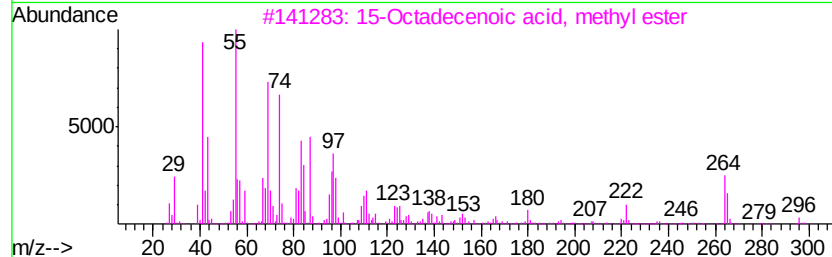
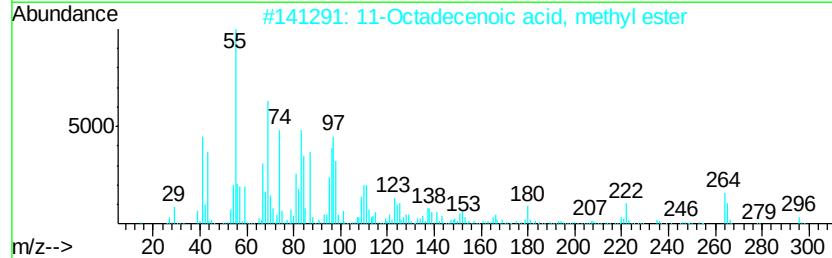
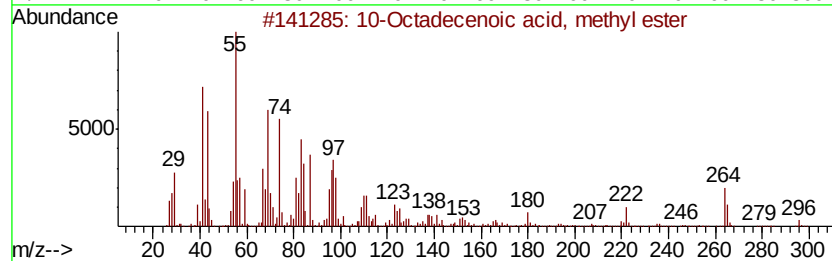
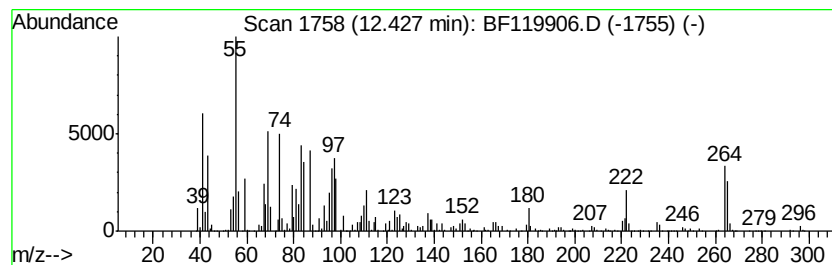
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 10-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.43	378.51 ng	20239000	Phenanthrene-d10	11.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	10-Octadecenoic acid, methyl ester	296	C19H36O2	013481-95-3	99
2		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	98
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
4		9-Octadecenoic acid, methyl ester	296	C19H36O2	001937-62-8	96
5		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
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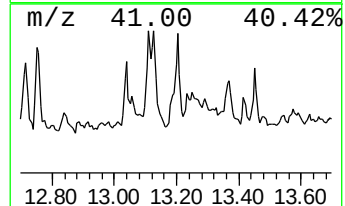
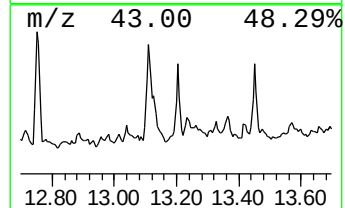
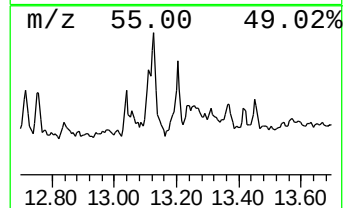
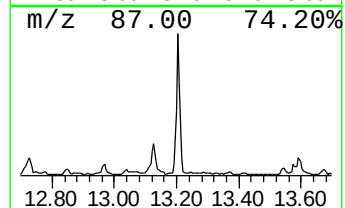
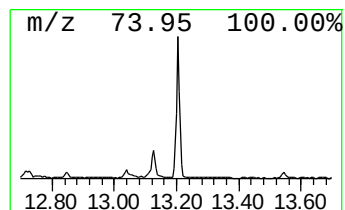
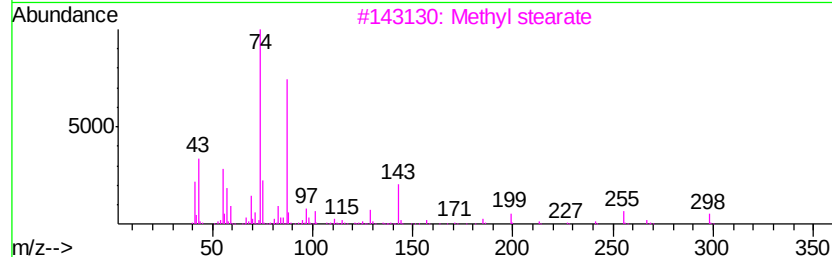
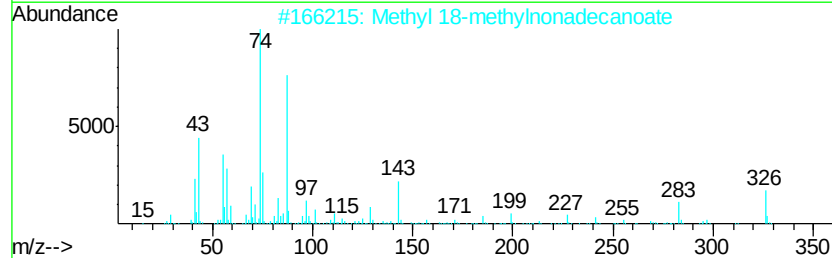
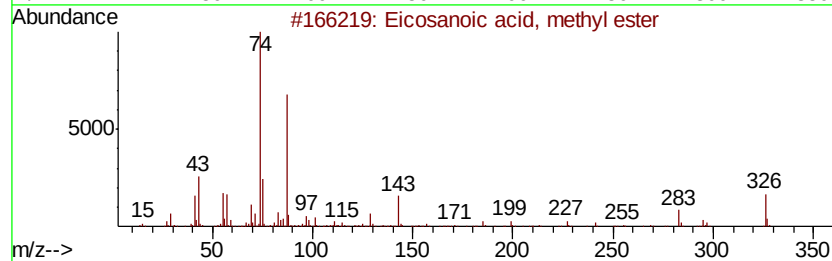
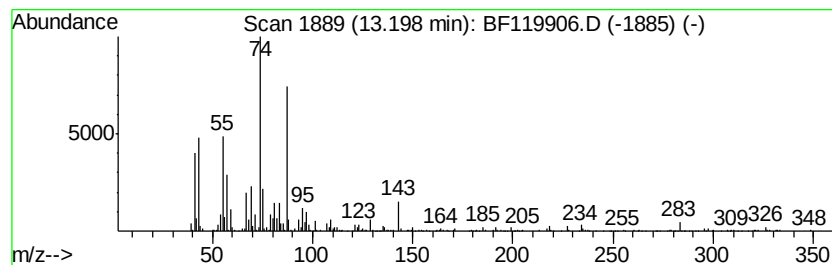
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 17 Eicosanoic acid, methyl ester Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	14.35 ng	1138630	Chrysene-d12	13.93

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	98
2		Methyl 18-methylnonadecanoate	326	C21H42O2	1000352-20-6	95
3		Methyl stearate	298	C19H38O2	000112-61-8	93
4		Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
5		Methyl tetradecanoate	242	C15H30O2	000124-10-7	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
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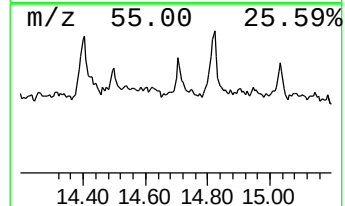
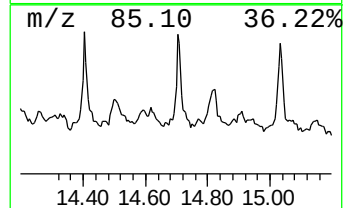
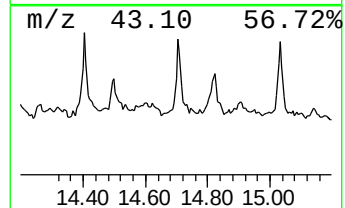
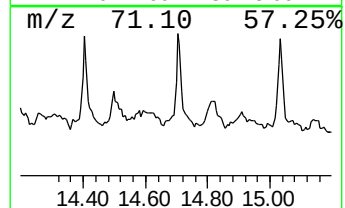
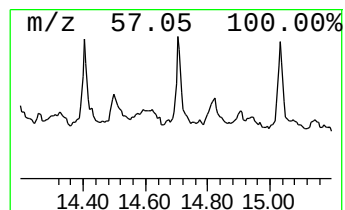
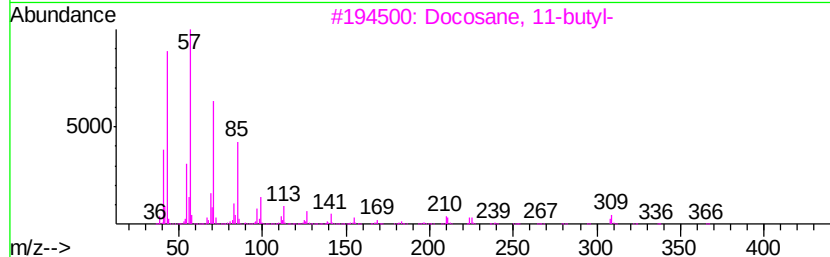
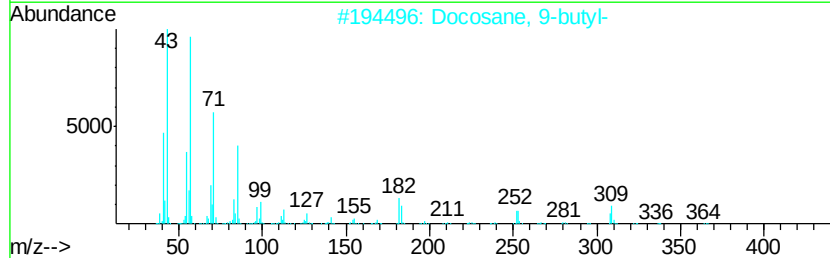
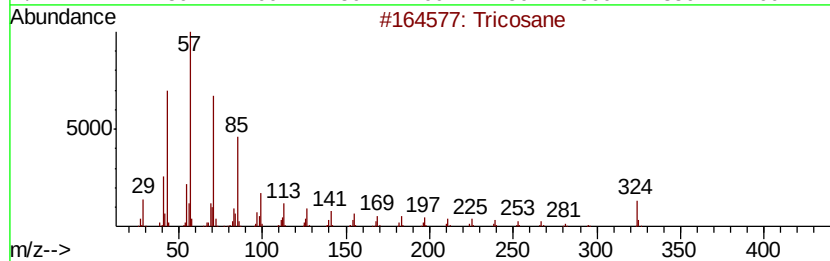
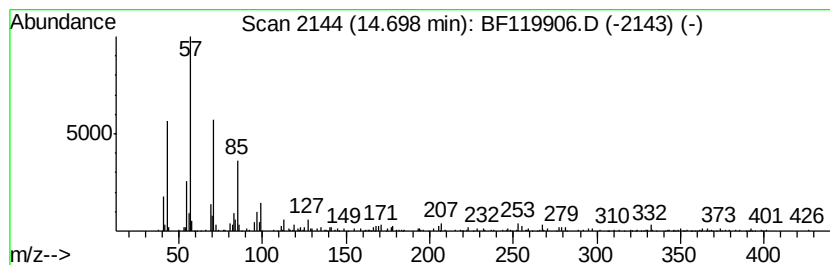
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Tricosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	20.96 ng	683722	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	90
2		Docosane, 9-butyl-	366	C26H54	055282-14-9	90
3		Docosane, 11-butyl-	366	C26H54	013475-76-8	90
4		Octacosane	394	C28H58	000630-02-4	87
5		Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

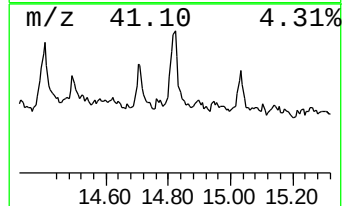
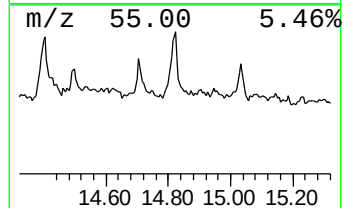
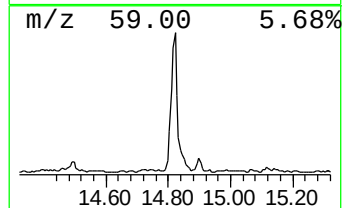
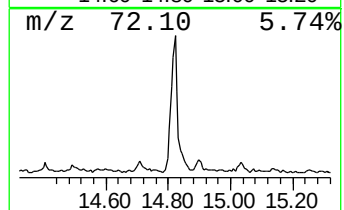
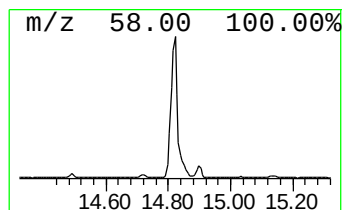
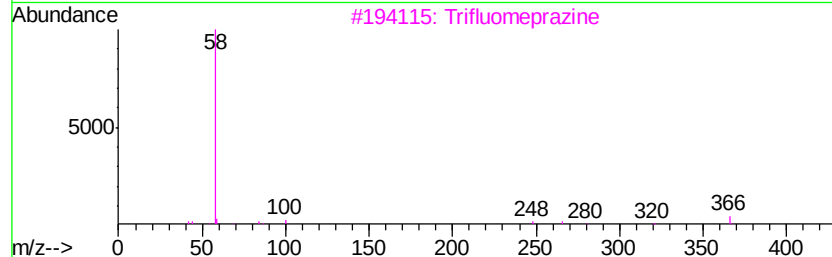
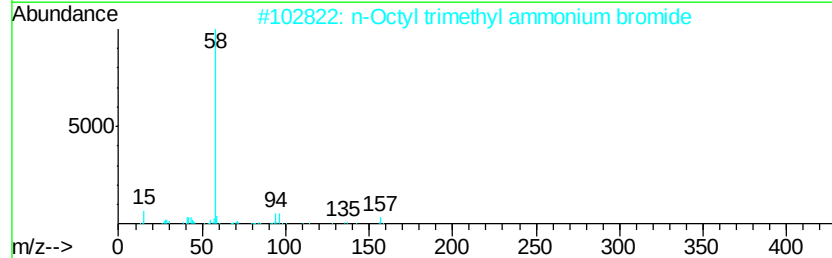
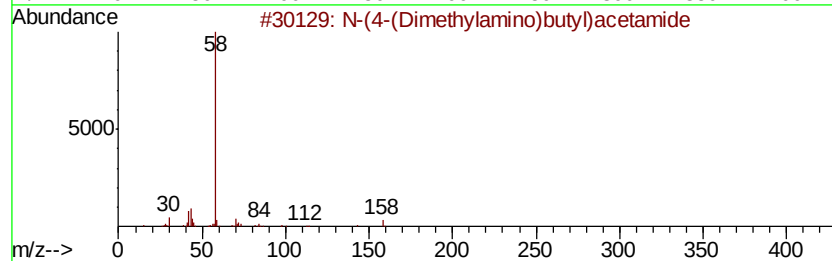
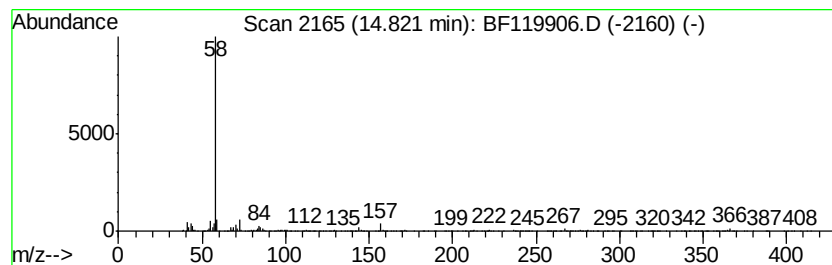
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N-(4-(Dimethylamino)butyl)a... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	74.22 ng	2421020	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N-(4-(Dimethylamino)butyl)acetamide	158	C8H18N2O	1000378-76-2	72
2		n-Octyl trimethyl ammonium bromide	251	C11H26BrN	002083-68-3	64
3		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
4		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	64
5		N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041020\
Data File : BF119906.D
Acq On : 10 Apr 2020 20:27
Operator : MA/SJ
Sample : L2205-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

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

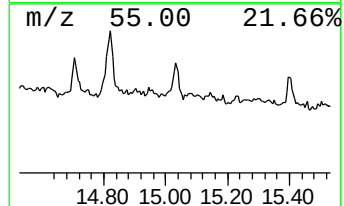
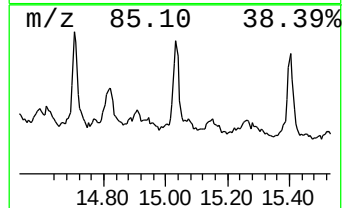
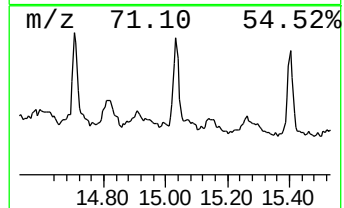
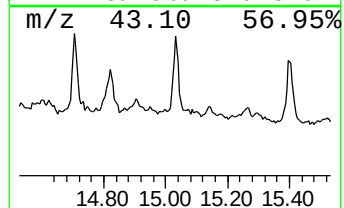
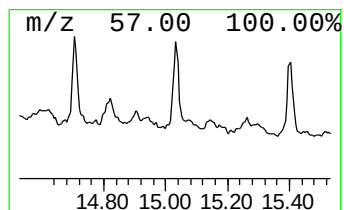
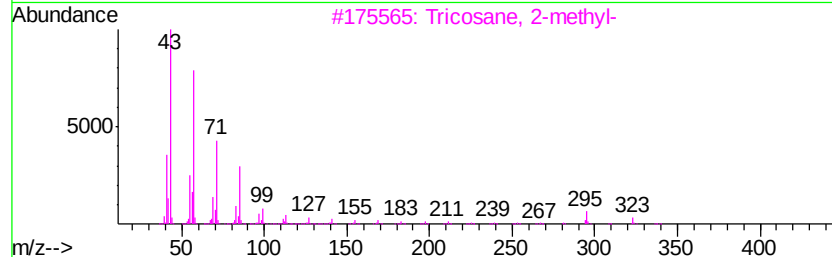
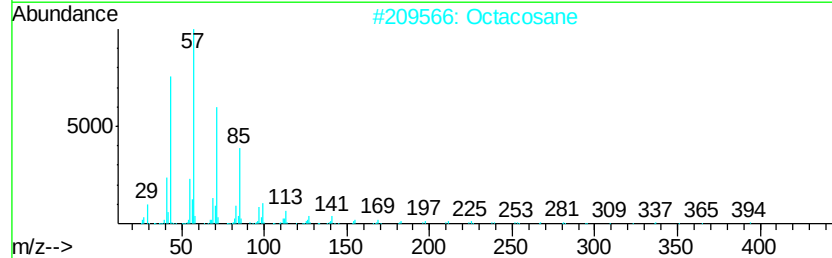
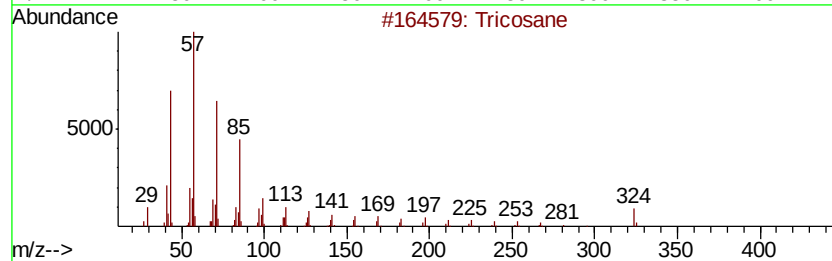
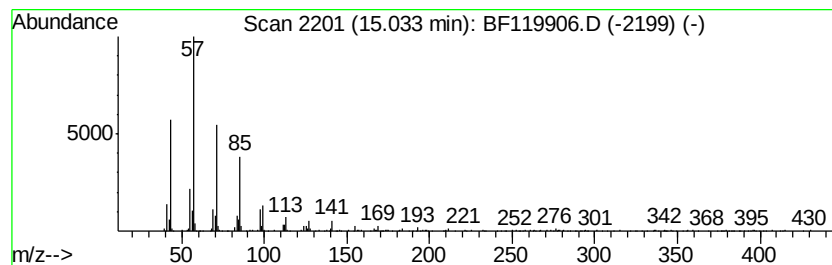
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Octacosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.03	17.86 ng	582533	Perylene-d12	15.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tricosane	324	C23H48	000638-67-5	93
2		Octacosane	394	C28H58	000630-02-4	90
3		Tricosane, 2-methyl-	338	C24H50	001928-30-9	87
4		Pentacosane	352	C25H52	000629-99-2	87
5		Heptacosane	380	C27H56	000593-49-7	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041020\
 Data File : BF119906.D
 Acq On : 10 Apr 2020 20:27
 Operator : MA/SJ
 Sample : L2205-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

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
Tridecane	8.64	15.4	ng	2128570	2	8.04	2757190	20.0
Tetradecane	9.20	39.3	ng	2740140	3	9.79	1393230	20.0
Hexadecane	9.73	32.9	ng	2290400	3	9.79	1393230	20.0
Pentadecane	10.23	34.4	ng	2395160	3	9.79	1393230	20.0
Z-2-Tridecen-1-ol	10.45	20.6	ng	1437390	3	9.79	1393230	20.0
Heptadecane	10.71	61.3	ng	3278250	4	11.28	1069400	20.0
Methyl tetradecan...	10.81	16.7	ng	895341	4	11.28	1069400	20.0
Dodecane, 2-methy...	11.16	34.6	ng	1848320	4	11.28	1069400	20.0
Heptadecane, 2,6,...	11.19	20.4	ng	1092920	4	11.28	1069400	20.0
Dodecane	11.59	30.6	ng	1639050	4	11.28	1069400	20.0
Hexadecanoic acid...	11.69	229.1	ng	12250100	4	11.28	1069400	20.0
n-Hexadecanoic acid	11.83	35.0	ng	1868700	4	11.28	1069400	20.0
Nonadecane, 9-met...	11.99	30.5	ng	1630460	4	11.28	1069400	20.0
9,12-Octadecadien...	12.40	634.7	ng	33935700	4	11.28	1069400	20.0
10-Octadecenoic a...	12.43	378.5	ng	20239000	4	11.28	1069400	20.0
Eicosanoic acid, ...	13.20	14.4	ng	1138630	5	13.93	1586950	20.0
Tricosane	14.70	21.0	ng	683722	6	15.36	652394	20.0
N-(4-(Dimethylami...	14.82	74.2	ng	2421020	6	15.36	652394	20.0
Octacosane	15.03	17.9	ng	582533	6	15.36	652394	20.0