

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120034.D
 Acq On : 16 Apr 2020 14:21
 Operator : MA/SJ
 Sample : L2122-06 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

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	5.322	546	550	559	rBV	354544	362999	25.76%	2.120%
2	6.351	722	725	736	rBV	404369	357074	25.34%	2.086%
3	6.722	785	788	792	rBV	954800	751729	53.35%	4.391%
4	6.881	811	815	818	rBV	342565	306671	21.76%	1.791%
5	7.281	880	883	889	rVB	291337	242325	17.20%	1.415%
6	7.381	895	900	902	rVB4	18316	25385	1.80%	0.148%
7	7.534	922	926	930	rVB2	46890	46407	3.29%	0.271%
8	7.745	956	962	964	rBV5	21072	34319	2.44%	0.200%
9	7.969	994	1000	1002	rBV4	16104	24835	1.76%	0.145%
10	8.010	1002	1007	1010	rBV	1247035	1048295	74.40%	6.123%
11	8.210	1039	1041	1044	rVB3	29298	29255	2.08%	0.171%
12	8.304	1052	1057	1060	rVV6	31838	57738	4.10%	0.337%
13	8.398	1070	1073	1076	rVB2	39733	36639	2.60%	0.214%
14	8.439	1077	1080	1082	rVV	39202	36557	2.59%	0.214%
15	8.516	1089	1093	1096	rBV2	62611	60853	4.32%	0.355%
16	8.610	1105	1109	1111	rBV2	100262	87746	6.23%	0.513%
17	8.704	1123	1125	1129	rVB3	33710	28097	1.99%	0.164%
18	8.769	1131	1136	1138	rBV5	21264	27682	1.96%	0.162%
19	8.834	1144	1147	1150	rBV2	75035	67337	4.78%	0.393%
20	8.975	1164	1171	1174	rVB5	43969	71409	5.07%	0.417%
21	9.039	1179	1182	1186	rVB2	68826	73833	5.24%	0.431%
22	9.086	1186	1190	1195	rVB	586727	446439	31.68%	2.608%
23	9.175	1200	1205	1209	rBV	173827	161848	11.49%	0.945%
24	9.239	1213	1216	1218	rVB	47406	36634	2.60%	0.214%
25	9.345	1229	1234	1235	rBV4	29647	35877	2.55%	0.210%
26	9.404	1241	1244	1246	rBV3	35942	44158	3.13%	0.258%
27	9.428	1246	1248	1250	rVV2	48358	51458	3.65%	0.301%
28	9.451	1250	1252	1254	rVV3	55427	47943	3.40%	0.280%
29	9.492	1254	1259	1261	rVV4	127399	180350	12.80%	1.053%
30	9.516	1261	1263	1266	rVV3	77886	75551	5.36%	0.441%
31	9.551	1266	1269	1272	rVB3	59662	60459	4.29%	0.353%
32	9.675	1287	1290	1292	rBV4	24342	25833	1.83%	0.151%
33	9.704	1292	1295	1299	rVV	282124	219603	15.59%	1.283%
34	9.763	1302	1305	1309	rVB	1133587	938794	66.63%	5.484%

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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	9.875	1321	1324	1329	rVB5	29567	38511	2.73%	0.225%
36	9.945	1331	1336	1337	rBV3	41343	55699	3.95%	0.325%
37	9.963	1337	1339	1342	rVB3	42386	43237	3.07%	0.253%
38	10.028	1347	1350	1354	rVB2	61967	67281	4.77%	0.393%
39	10.139	1367	1369	1373	rBV4	21670	30041	2.13%	0.175%
40	10.204	1377	1380	1383	rVV	339130	267119	18.96%	1.560%
41	10.257	1387	1389	1394	rVV5	33353	41805	2.97%	0.244%
42	10.310	1395	1398	1399	rVV3	31686	29666	2.11%	0.173%
43	10.428	1411	1418	1421	rBV	166355	214412	15.22%	1.252%
44	10.475	1424	1426	1429	rVB3	41536	37432	2.66%	0.219%
45	10.510	1429	1432	1435	rBV2	50178	53070	3.77%	0.310%
46	10.551	1435	1439	1443	rBV3	221961	217044	15.40%	1.268%
47	10.680	1458	1461	1469	rBV	416869	548852	38.95%	3.206%
48	10.875	1491	1494	1495	rBV2	31355	34796	2.47%	0.203%
49	10.933	1502	1504	1508	rVB5	25036	23739	1.68%	0.139%
50	11.004	1514	1516	1522	rVB5	36863	51543	3.66%	0.301%
51	11.063	1523	1526	1529	rBV5	23210	27895	1.98%	0.163%
52	11.128	1534	1537	1539	rVV	411970	335800	23.83%	1.961%
53	11.157	1539	1542	1549	rVB	196895	210435	14.93%	1.229%
54	11.251	1554	1558	1561	rVV	1088197	934681	66.33%	5.460%
55	11.304	1564	1567	1572	rVV3	48505	94861	6.73%	0.554%
56	11.369	1576	1578	1581	rVV2	30586	33288	2.36%	0.194%
57	11.398	1581	1583	1587	rVV	37749	37491	2.66%	0.219%
58	11.439	1587	1590	1593	rVB2	40086	35114	2.49%	0.205%
59	11.510	1599	1602	1605	rVB2	39123	38972	2.77%	0.228%
60	11.557	1606	1610	1612	rBV	255657	221097	15.69%	1.291%
61	11.651	1623	1626	1632	rVB	421602	388632	27.58%	2.270%
62	11.716	1634	1637	1640	rBV3	33054	41342	2.93%	0.241%
63	11.786	1646	1649	1652	rBV	68844	60305	4.28%	0.352%
64	11.863	1658	1662	1666	rBV6	33967	50836	3.61%	0.297%
65	11.963	1675	1679	1682	rBV	233370	193732	13.75%	1.132%
66	12.122	1702	1706	1711	rBV7	29370	48102	3.41%	0.281%
67	12.245	1725	1727	1730	rVB2	30529	26082	1.85%	0.152%
68	12.339	1739	1743	1745	rBV	1273673	1201617	85.28%	7.019%
69	12.363	1745	1747	1749	rVV2	1783040	1409060	100.00%	8.231%
70	12.380	1749	1750	1759	rVB2	214912	166959	11.85%	0.975%
71	12.445	1759	1761	1767	rBV2	209248	212114	15.05%	1.239%

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72	12.492	1767	1769	1775	rBV5	46579	49163	3.49%	0.287%
73	12.569	1778	1782	1784	rBV5	36765	50852	3.61%	0.297%
74	12.669	1796	1799	1801	rBV	229170	199847	14.18%	1.167%
75	12.722	1806	1808	1810	rBV	151176	117032	8.31%	0.684%
76	12.745	1810	1812	1820	rVB2	58098	74937	5.32%	0.438%
77	12.839	1824	1828	1833	rBV	356526	323190	22.94%	1.888%
78	13.010	1853	1857	1858	rBV3	37847	39286	2.79%	0.229%
79	13.080	1866	1869	1874	rBV	115689	123021	8.73%	0.719%
80	13.327	1908	1911	1914	rBV2	82028	71519	5.08%	0.418%
81	13.374	1916	1919	1923	rBV	147718	125400	8.90%	0.732%
82	13.421	1924	1927	1929	rBV	99126	76343	5.42%	0.446%
83	13.445	1929	1931	1938	rVB6	24808	34193	2.43%	0.200%
84	13.510	1938	1942	1944	rBV5	16917	26566	1.89%	0.155%
85	13.545	1944	1948	1949	rBV3	25362	31969	2.27%	0.187%
86	13.751	1980	1983	1991	rVB	75926	84213	5.98%	0.492%
87	13.892	2002	2007	2010	rBV	681982	655080	46.49%	3.826%
88	14.068	2034	2037	2041	rVB	77297	73580	5.22%	0.430%
89	14.374	2086	2089	2091	rBV	89671	83074	5.90%	0.485%
90	14.668	2137	2139	2146	rVB	99686	105270	7.47%	0.615%
91	14.992	2191	2194	2198	rVB	75370	85580	6.07%	0.500%
92	15.110	2212	2214	2217	rBV4	27543	34232	2.43%	0.200%
93	15.315	2245	2249	2253	rBV	483544	541214	38.41%	3.161%
94	15.357	2253	2256	2261	rVB	98599	118825	8.43%	0.694%
95	15.415	2263	2266	2267	rBV2	32807	33193	2.36%	0.194%
96	15.633	2300	2303	2305	rBV3	32810	43407	3.08%	0.254%
97	15.768	2324	2326	2332	rVB	46766	49640	3.52%	0.290%
98	16.245	2404	2407	2413	rVB2	62913	98145	6.97%	0.573%
99	16.392	2430	2432	2443	rVB7	47731	87686	6.22%	0.512%
100	16.668	2476	2479	2481	rBV4	35985	58656	4.16%	0.343%

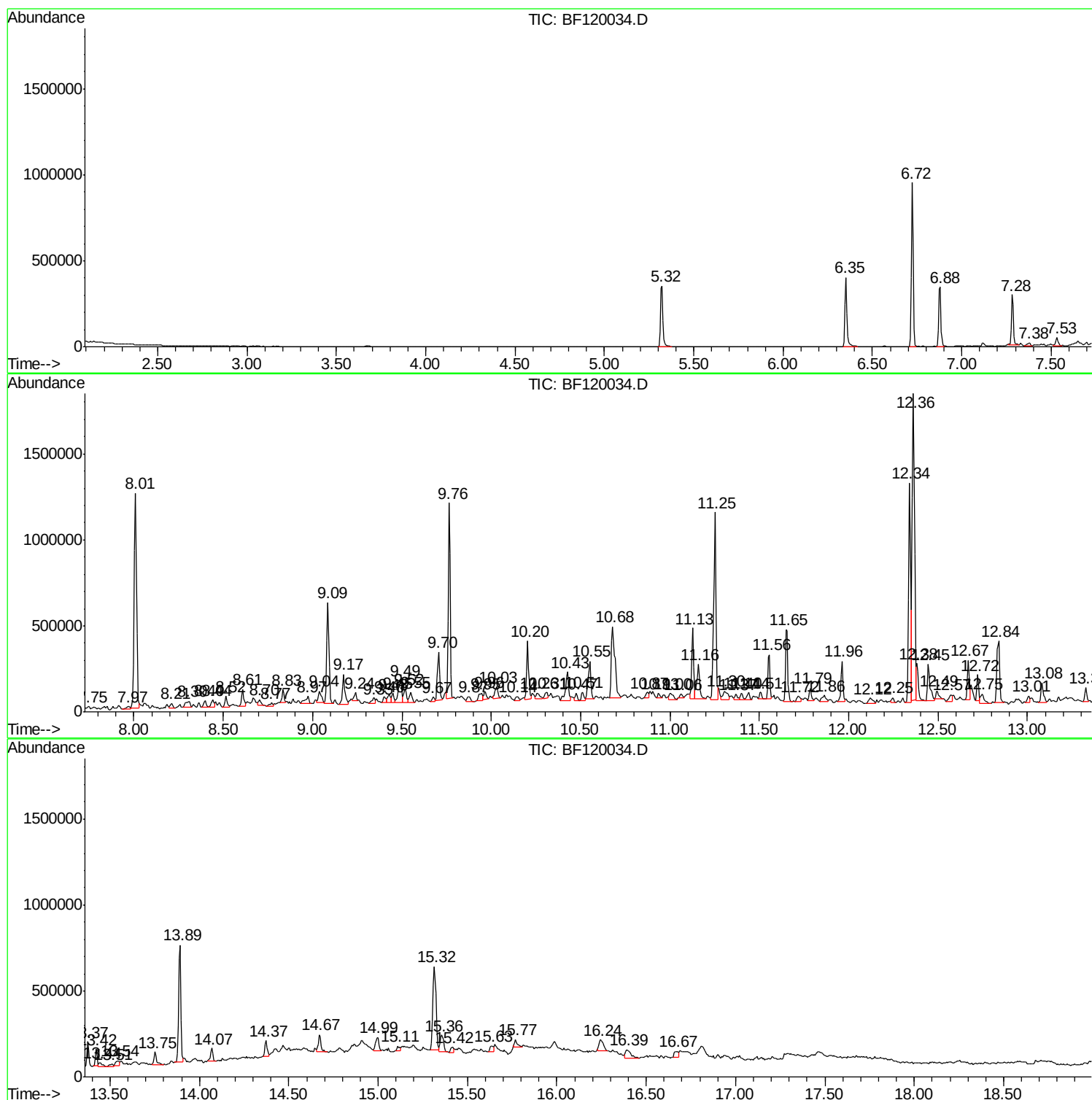
Sum of corrected areas: 17119907

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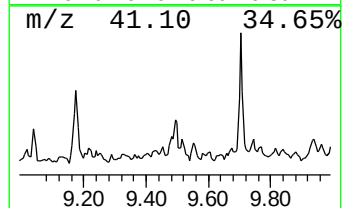
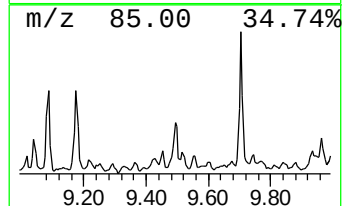
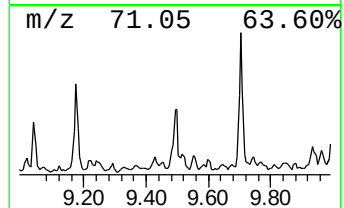
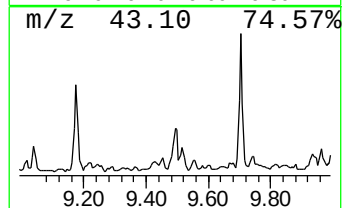
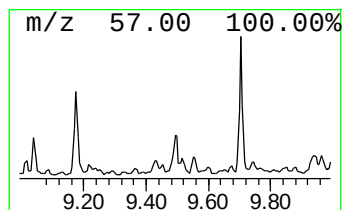
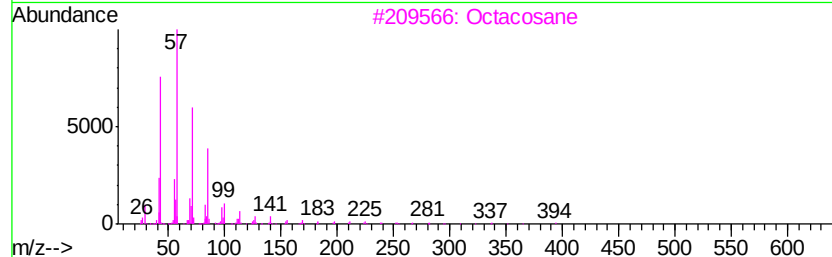
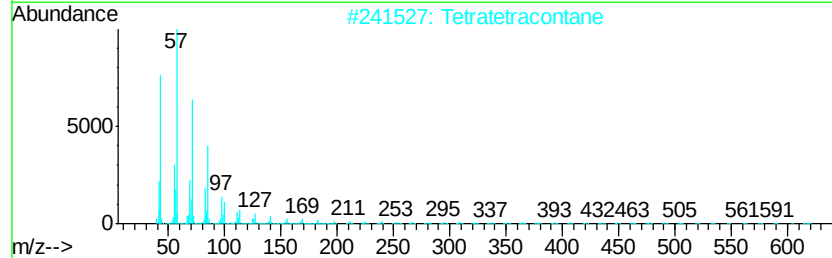
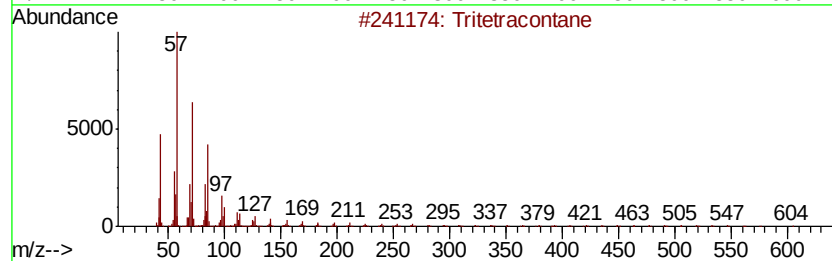
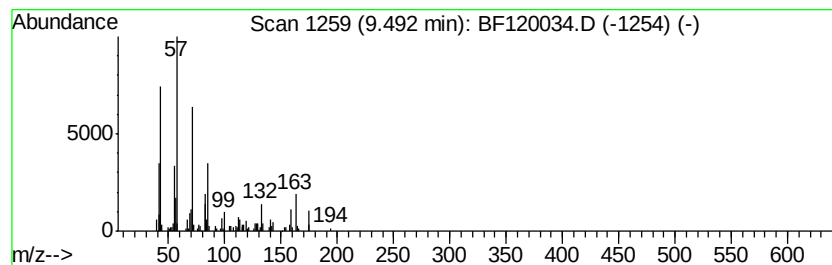
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tritetracontane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD		R.T.
9.49	3.84 ng	180350	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tritetracontane	605	C43H88	007098-21-7	58
2	Tetratetracontane	619	C44H90	007098-22-8	58
3	Octacosane	394	C28H58	000630-02-4	49
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	49
5	Heptacosane	380	C27H56	000593-49-7	49



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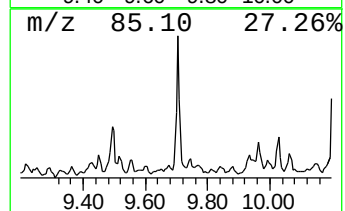
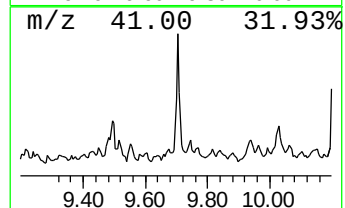
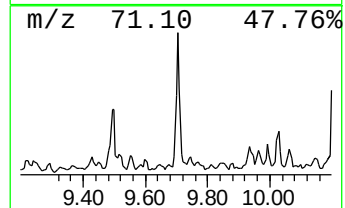
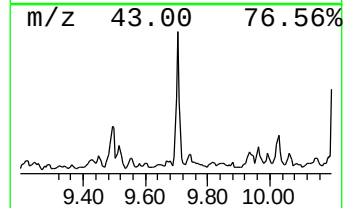
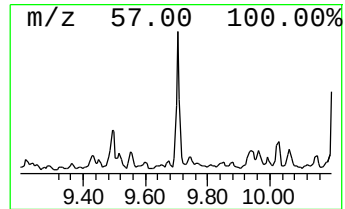
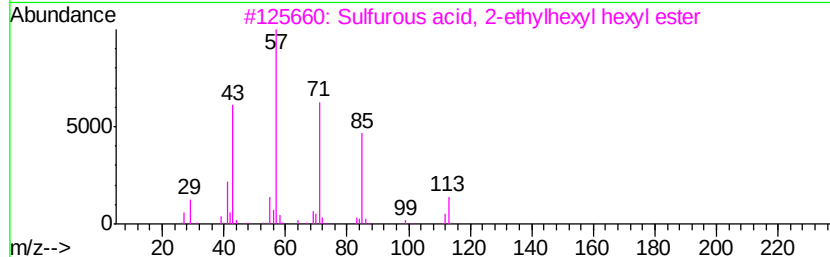
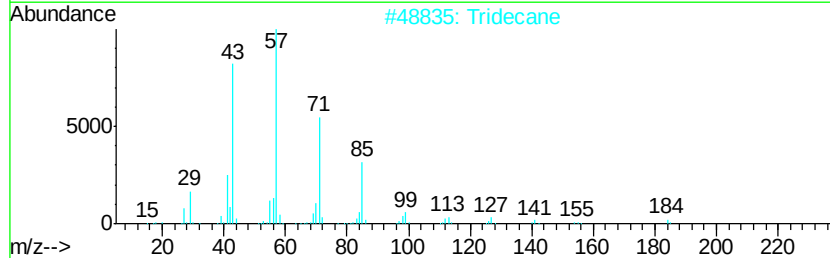
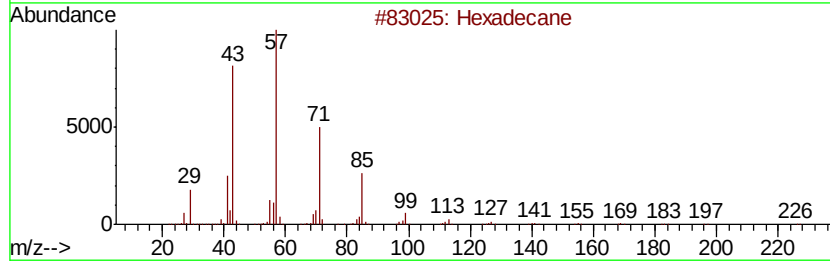
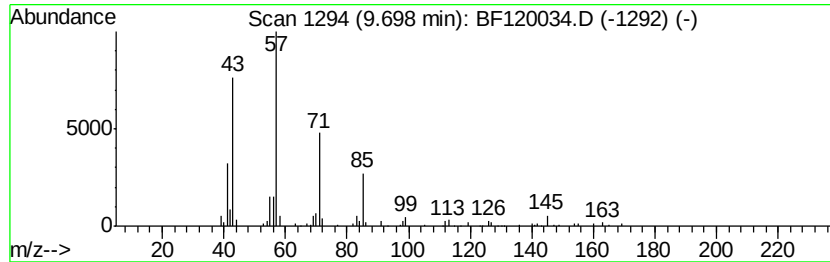
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	4.68 ng	219603	Acenaphthene-d10	9.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	86
2		Tridecane	184	C13H28	000629-50-5	72
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
4		Octadecane	254	C18H38	000593-45-3	64
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64



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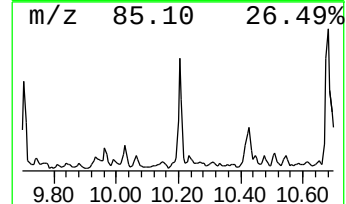
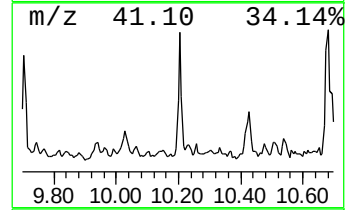
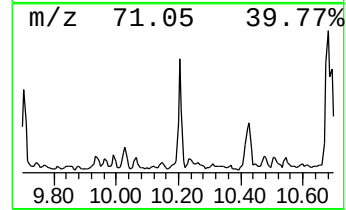
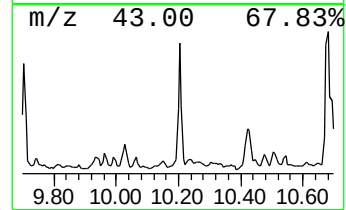
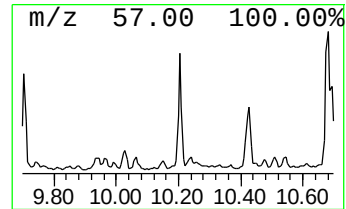
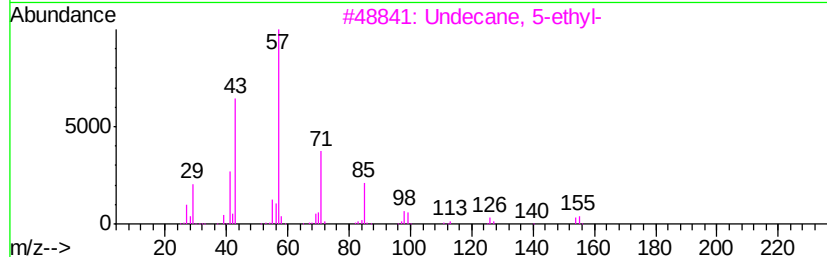
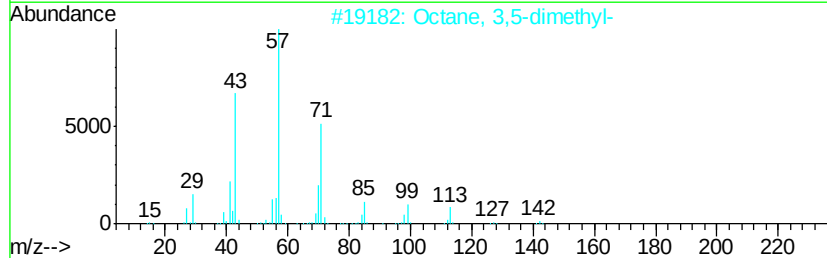
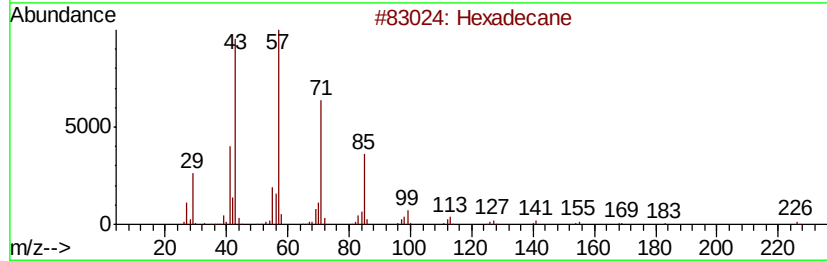
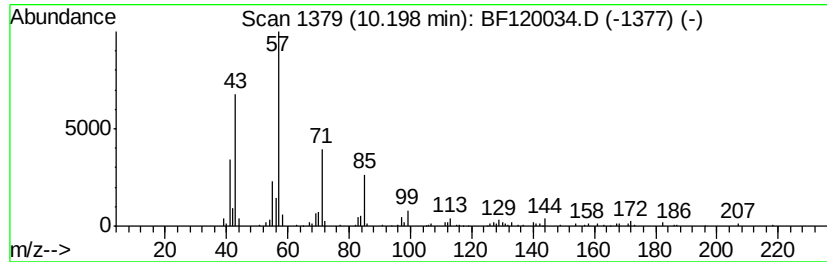
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TIC Integration Parameters: LSCINT.P

Peak Number 4 Octane, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	5.69 ng	267119	Acenaphthene-d10	9.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	87
2	Octane, 3,5-dimethyl-		142	C10H22	015869-93-9	76
3	Undecane, 5-ethyl-		184	C13H28	017453-94-0	72
4	Pentadecane		212	C15H32	000629-62-9	72
5	Dodecane, 3-methyl-		184	C13H28	017312-57-1	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

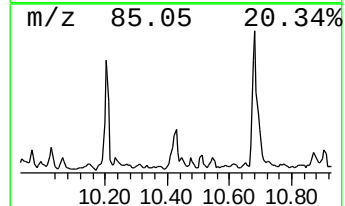
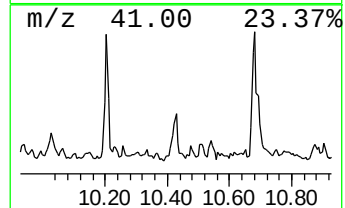
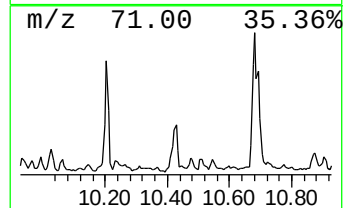
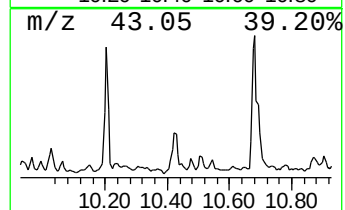
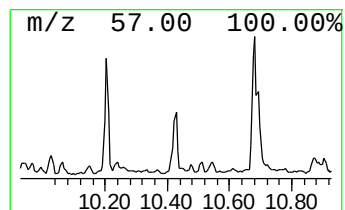
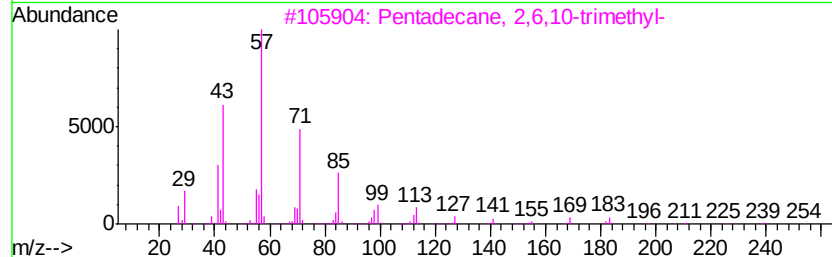
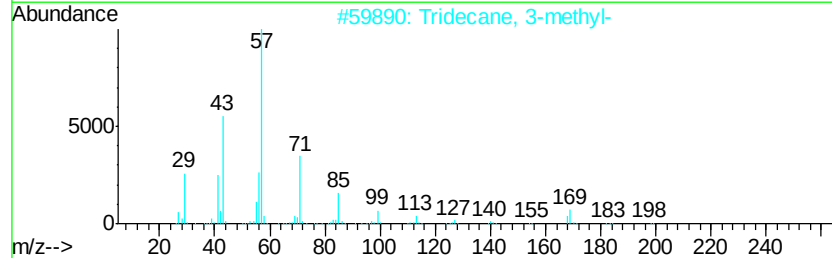
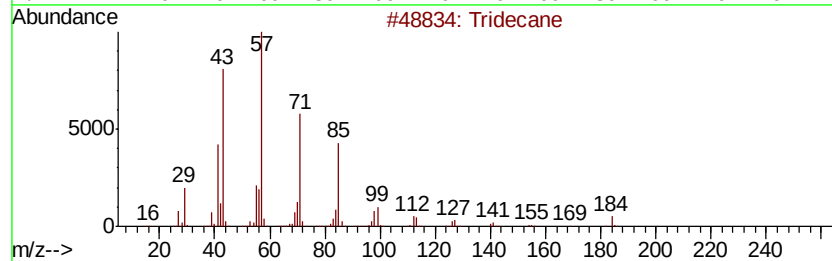
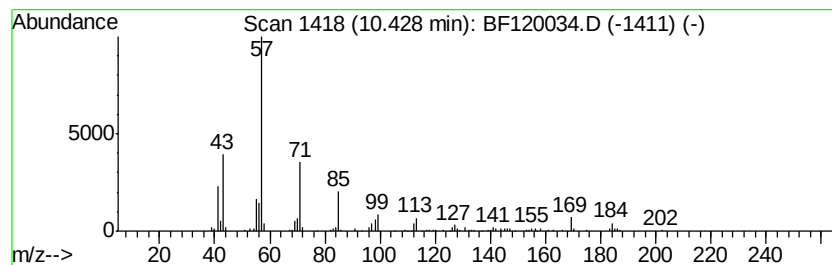
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Tridecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.43	4.57 ng	214412	Acenaphthene-d10		9.76
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	70
2	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
3	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	53
5	2-methyloctacosane	408	C29H60	1000376-72-8	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
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Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

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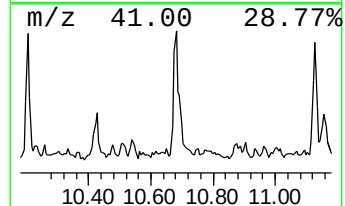
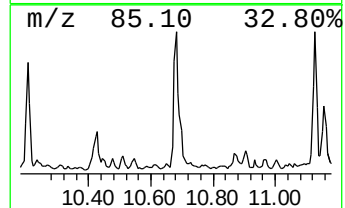
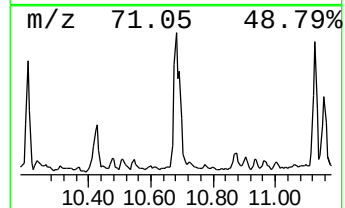
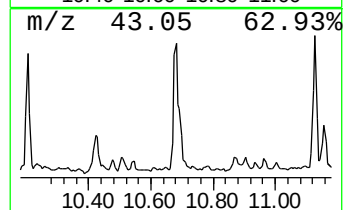
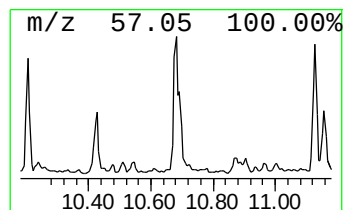
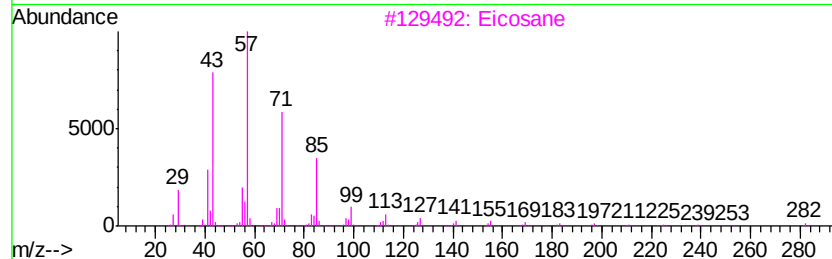
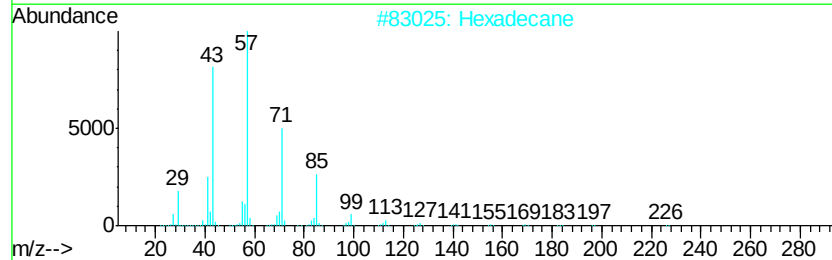
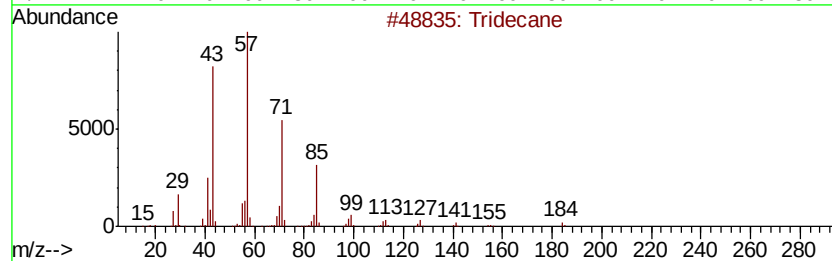
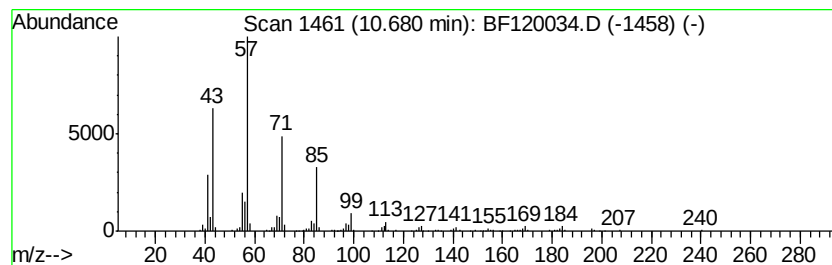
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Eicosane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	11.74 ng	548852	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Hexadecane	226	C16H34	000544-76-3	86
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	81
5	Tetracosane	338	C24H50	000646-31-1	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

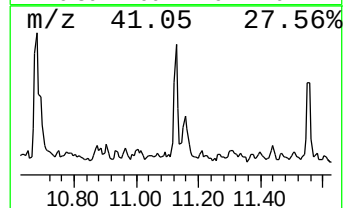
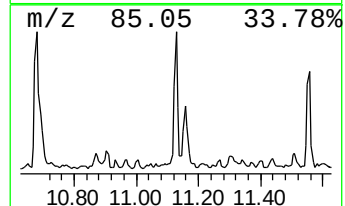
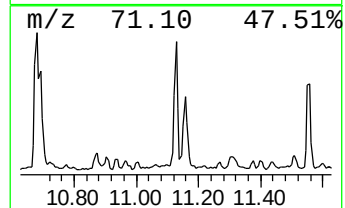
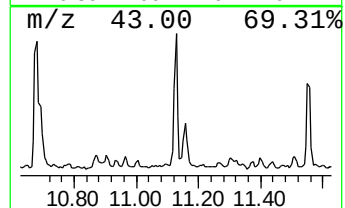
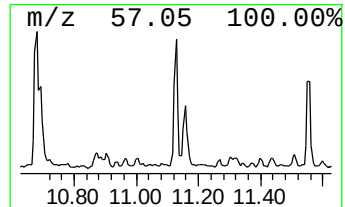
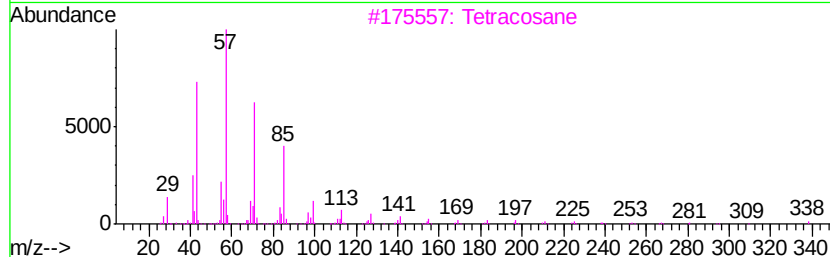
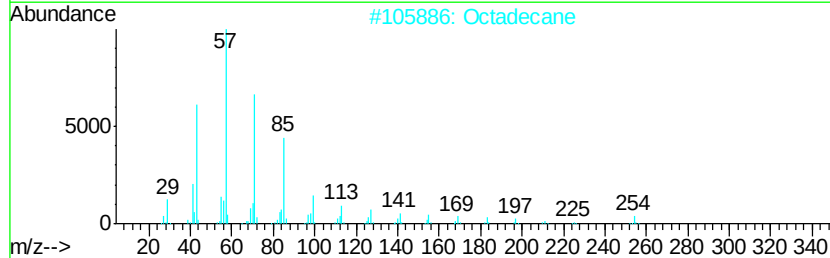
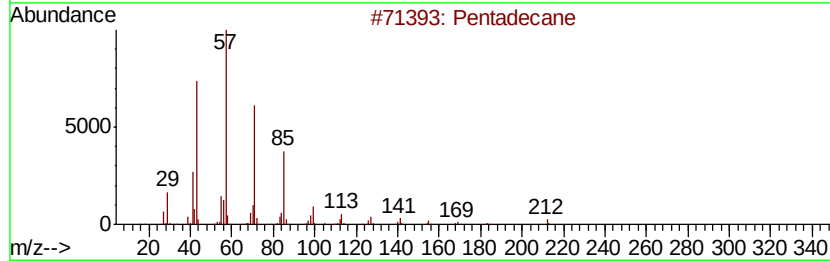
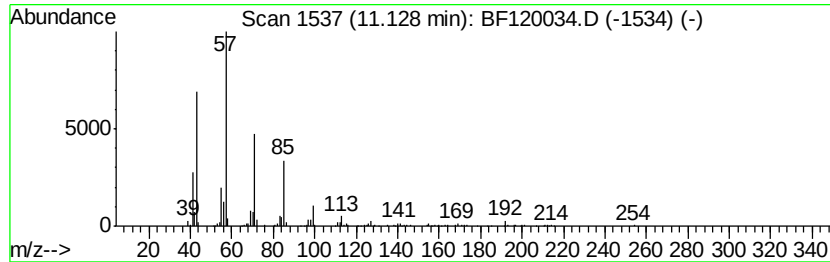
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Pentadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.13	7.19 ng	335800	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Octadecane	254	C18H38	000593-45-3	93
3	Tetracosane	338	C24H50	000646-31-1	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
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Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

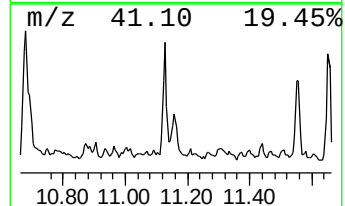
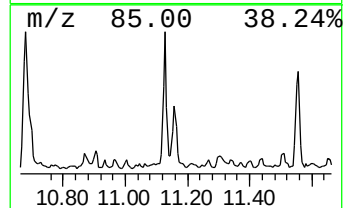
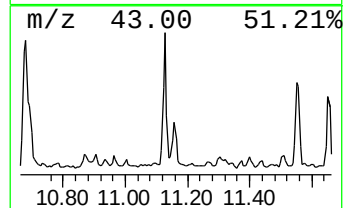
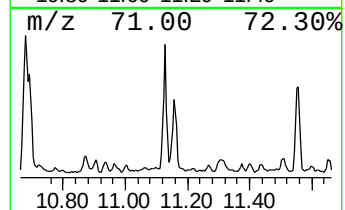
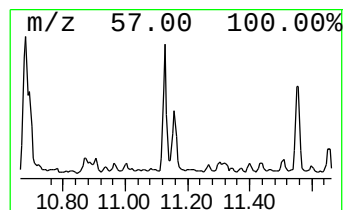
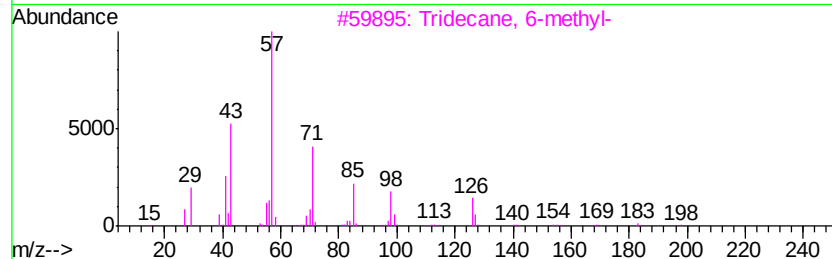
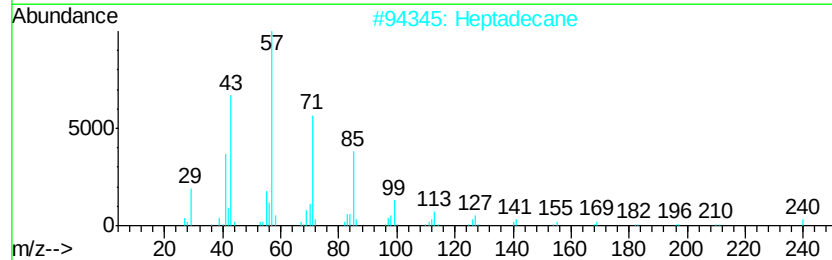
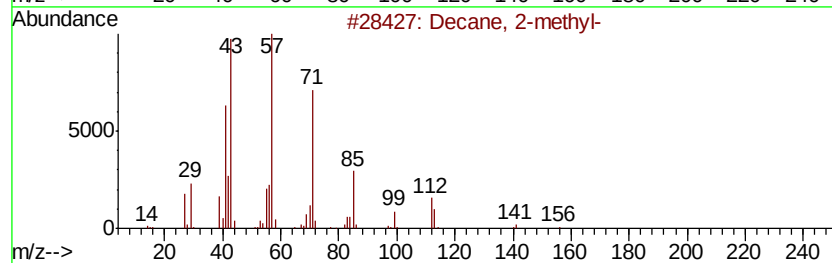
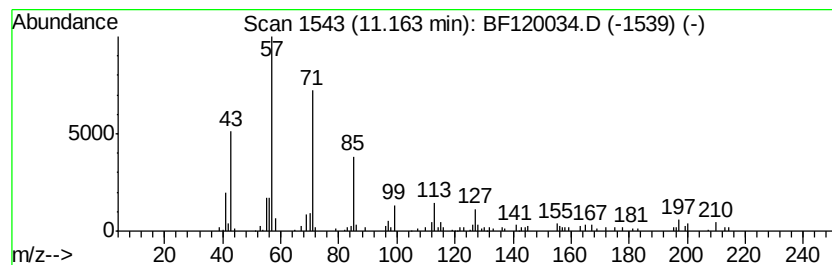
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Decane, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.16	4.50 ng	210435	Phenanthrene-d10	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Decane, 2-methyl-	156 C11H24	006975-98-0	80
2	Heptadecane	240 C17H36	000629-78-7	78
3	Tridecane, 6-methyl-	198 C14H30	013287-21-3	72
4	Heptadecane, 2,6,10,15-tetramethyl-	296 C21H44	054833-48-6	72
5	Decane, 3-methyl-	156 C11H24	013151-34-3	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Sample : L2122-06 5X
Misc :
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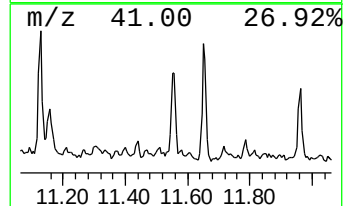
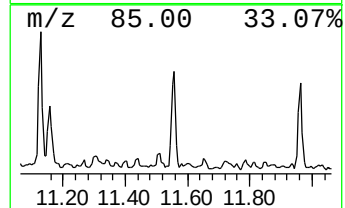
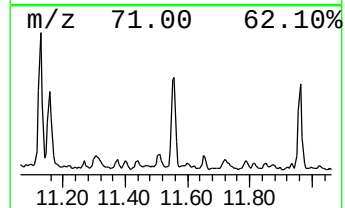
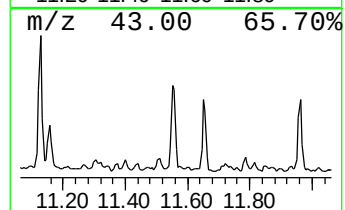
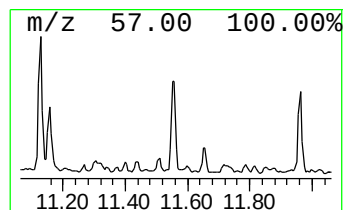
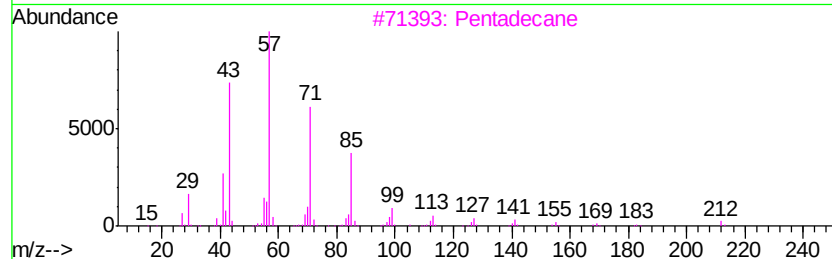
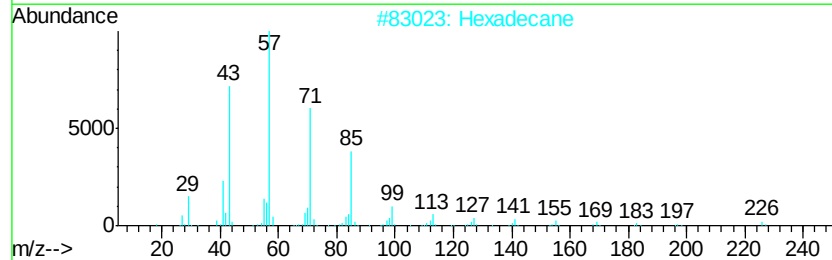
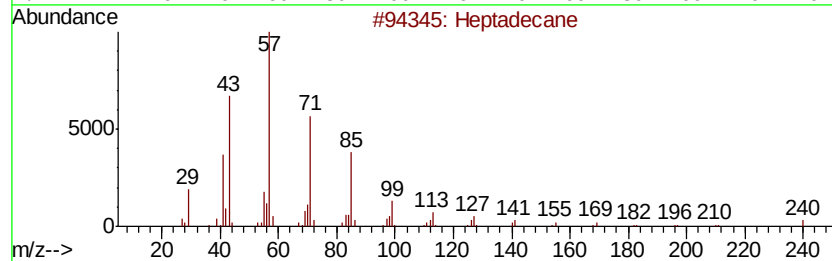
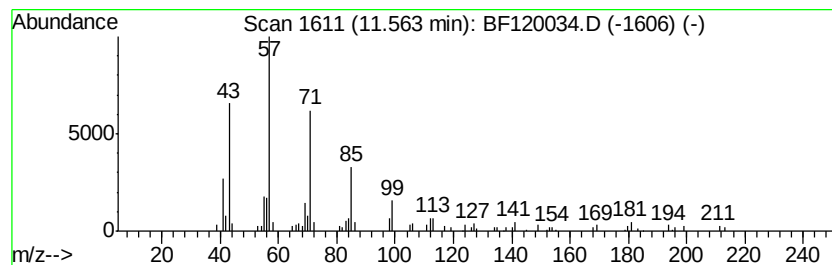
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heptadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.56	4.73 ng	221097	Phenanthrene-d10		11.25
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Eicosane	282	C20H42	000112-95-8	90
5	Tetradecane	198	C14H30	000629-59-4	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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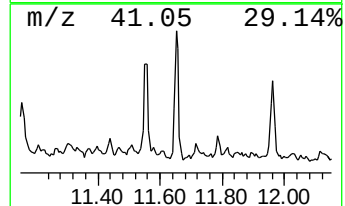
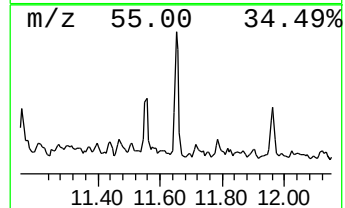
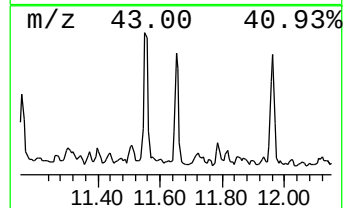
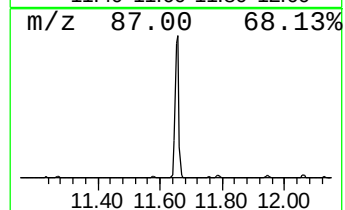
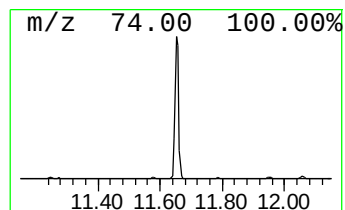
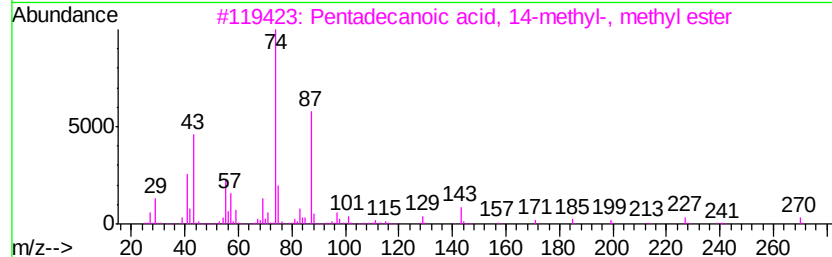
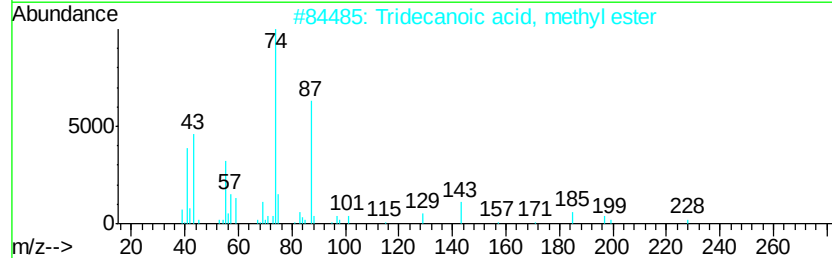
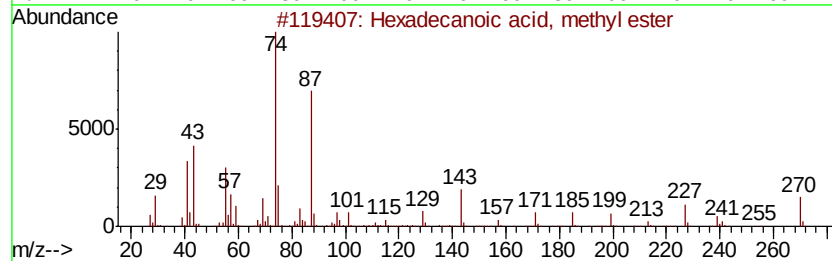
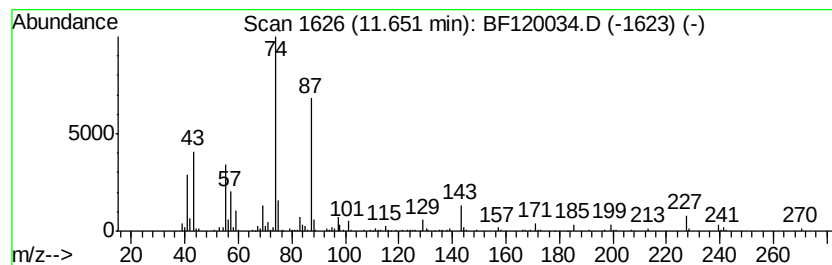
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Hexadecanoic acid, methyl e... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.65	8.32 ng	388632	Phenanthrene-d10	11.25	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2	Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	91
4	Methyl tetradecanoate	242	C15H30O2	000124-10-7	90
5	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
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Misc :
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Instrument :
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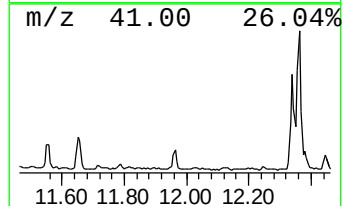
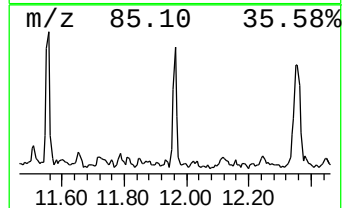
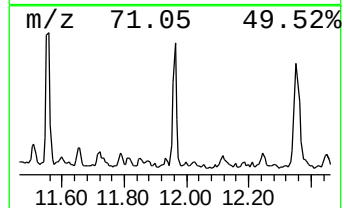
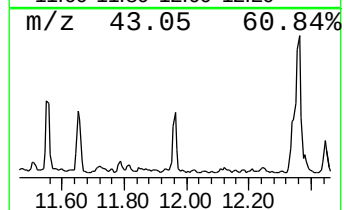
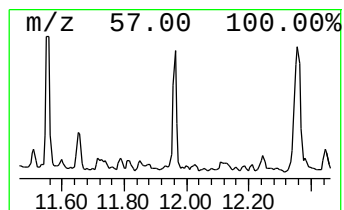
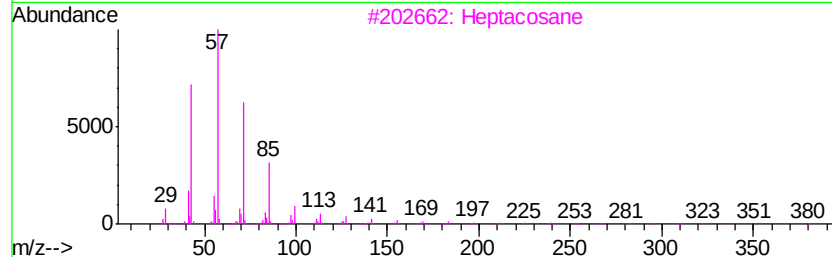
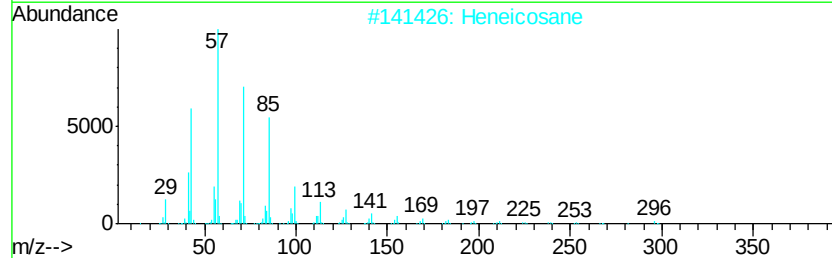
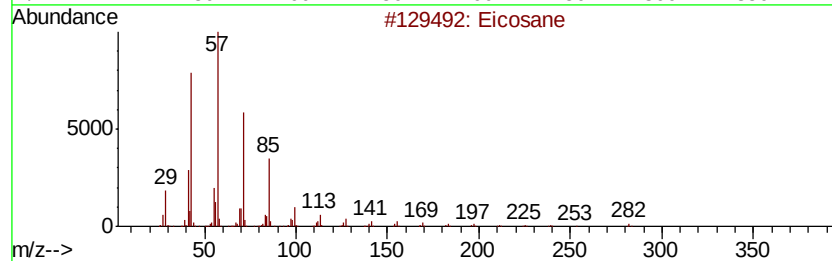
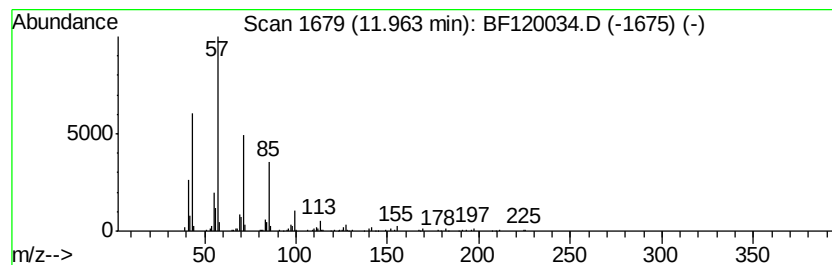
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Heneicosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.15 ng	193732	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Heneicosane	296	C21H44	000629-94-7	90
3		Heptacosane	380	C27H56	000593-49-7	87
4		Hexadecane	226	C16H34	000544-76-3	86
5		Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

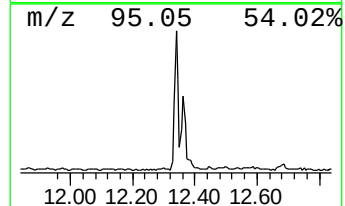
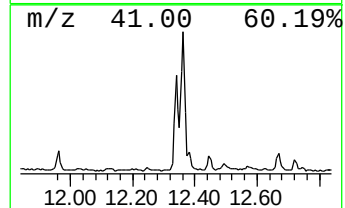
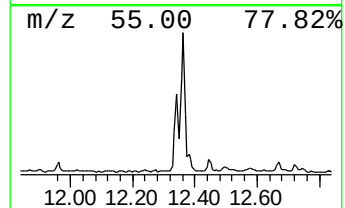
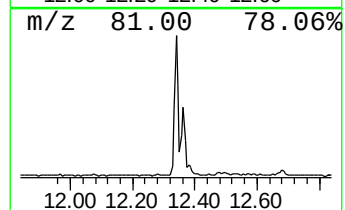
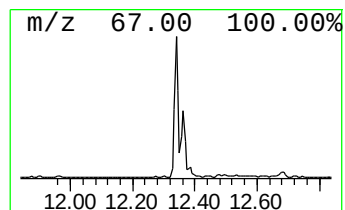
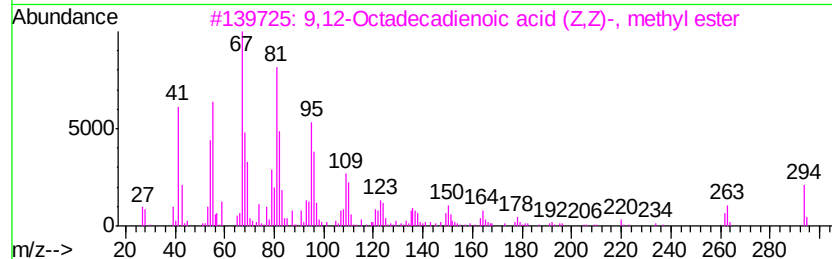
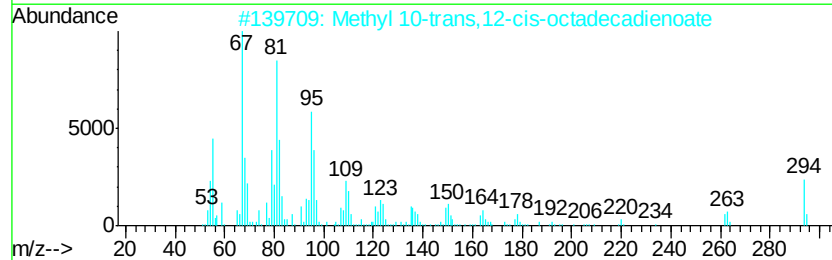
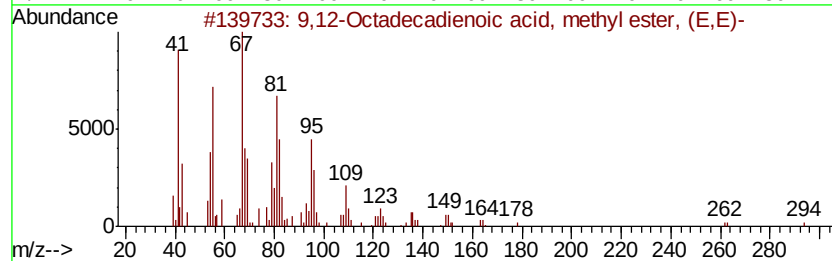
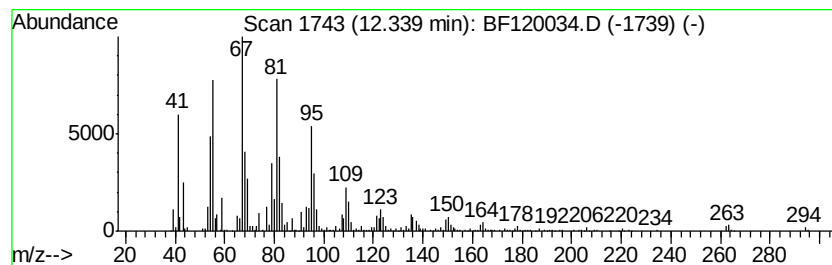
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.		
12.34	25.71 ng	1201620	Phenanthrene-d10	11.25		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99	
2	Methyl 10-trans,12-cis-octadecad...	294	C19H34O2	1000336-44-2	99	
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99	
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	1000336-44-0	99	
5	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99	



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

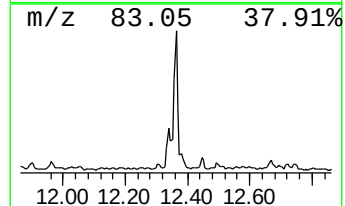
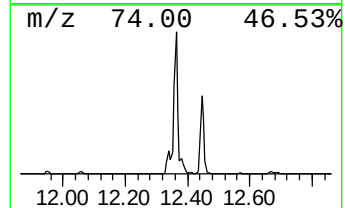
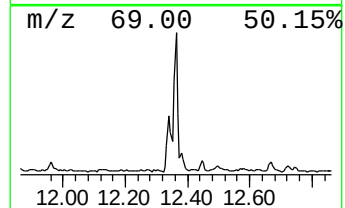
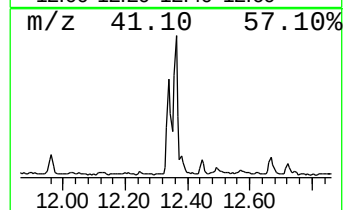
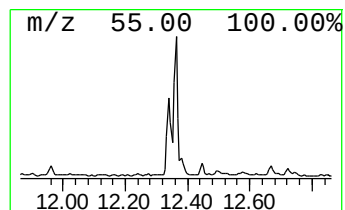
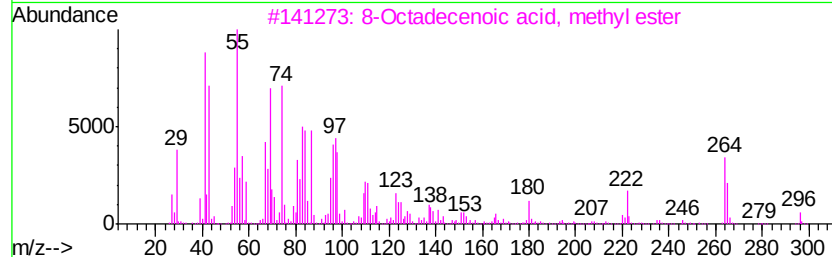
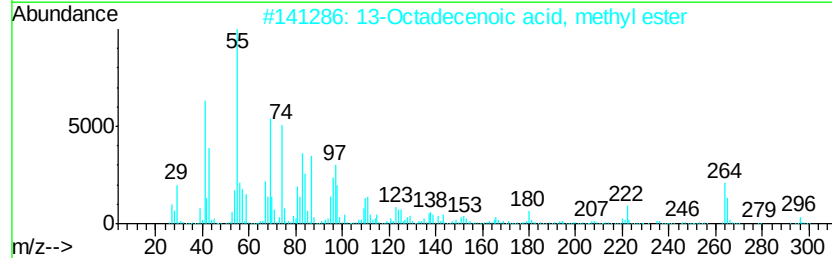
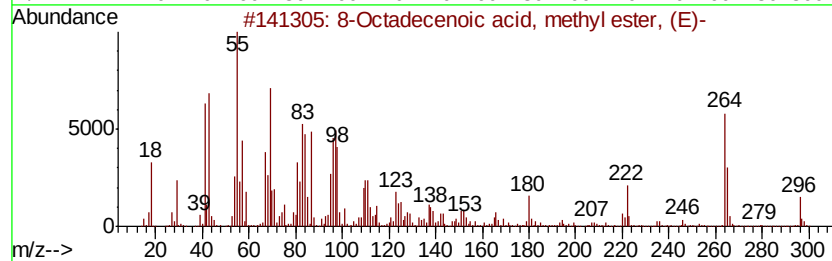
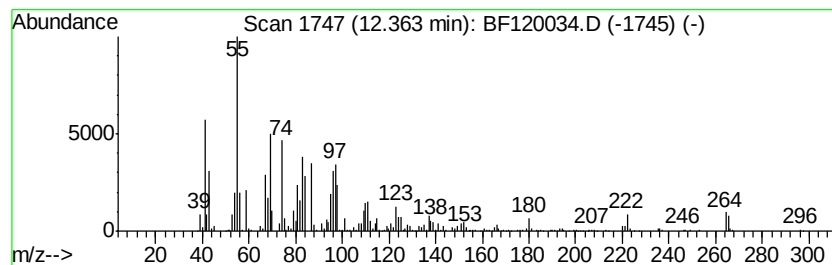
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 8-Octadecenoic acid, methyl... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	30.15 ng	1409060	Phenanthrene-d10	11.25

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	8-Octadecenoic acid, methyl este...	296	C19H36O2	026528-50-7	99
2		13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	99
3		8-Octadecenoic acid, methyl ester	296	C19H36O2	002345-29-1	99
4		7-Octadecenoic acid, methyl ester	296	C19H36O2	057396-98-2	99
5		6-Octadecenoic acid, methyl este...	296	C19H36O2	002777-58-4	97



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
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ALS Vial : 42 Sample Multiplier: 1

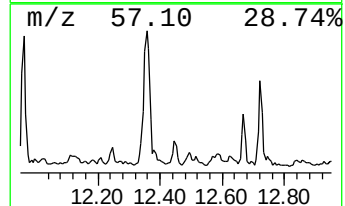
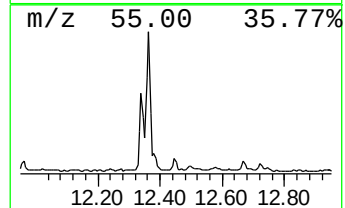
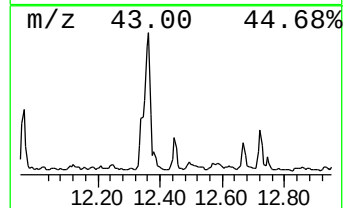
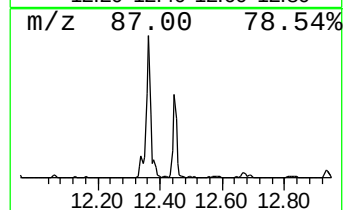
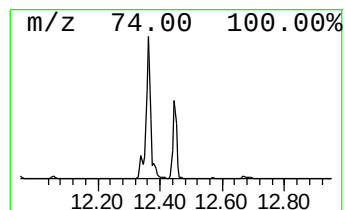
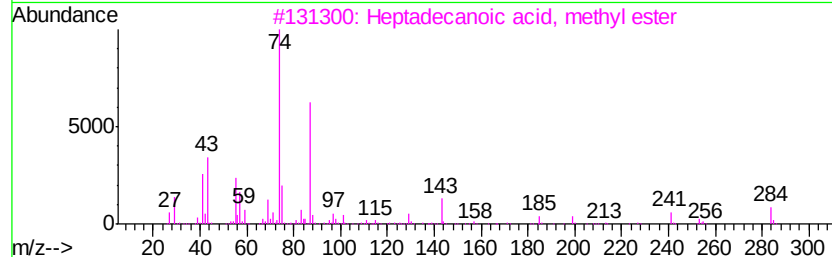
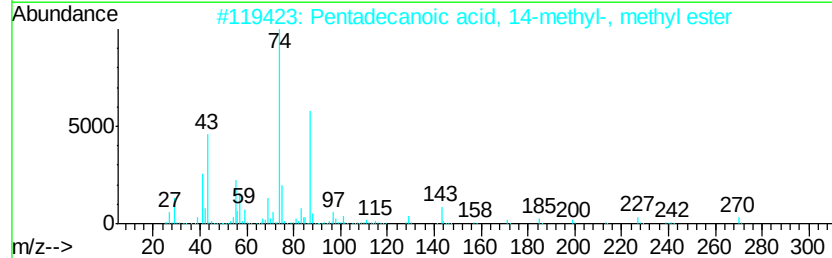
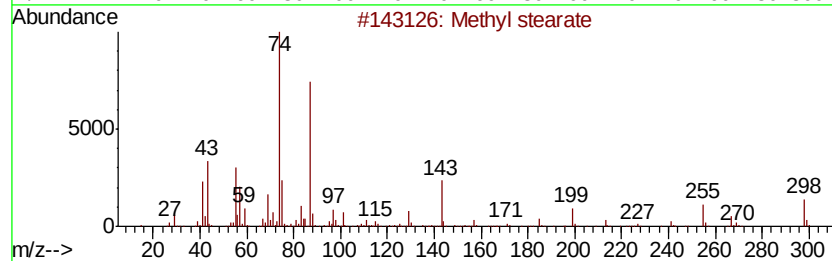
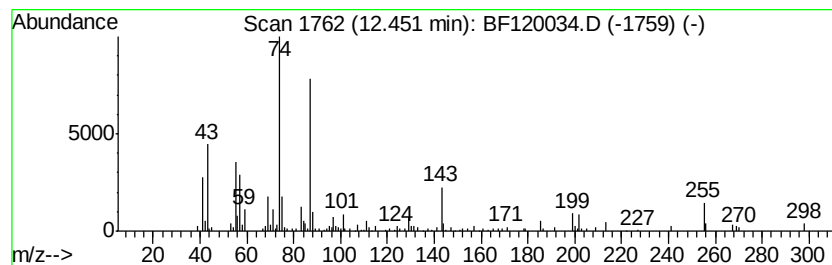
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Methyl stearate Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	4.54 ng	212114	Phenanthrene-d10	11.25
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Pentadecanoic acid, 14-methyl-, ...	270 C17H34O2	005129-60-2 90
3		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 90
4		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 86
5		Methyl tetradecanoate	242 C15H30O2	000124-10-7 86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
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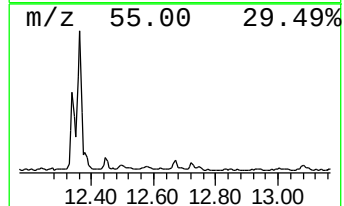
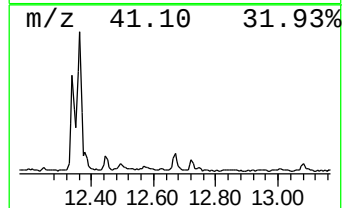
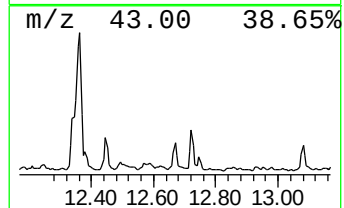
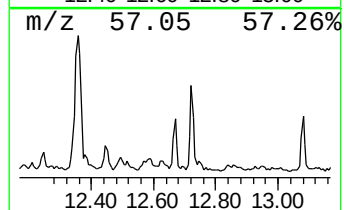
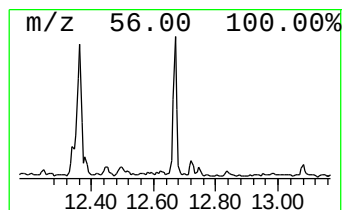
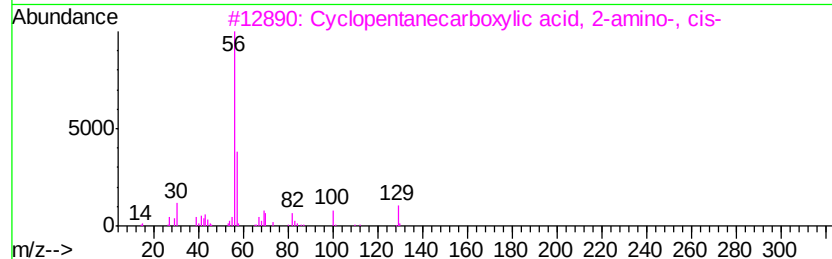
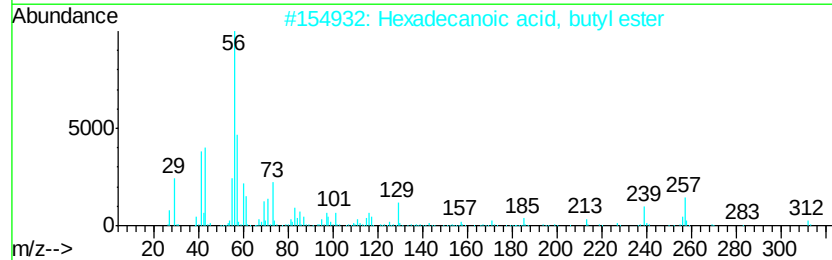
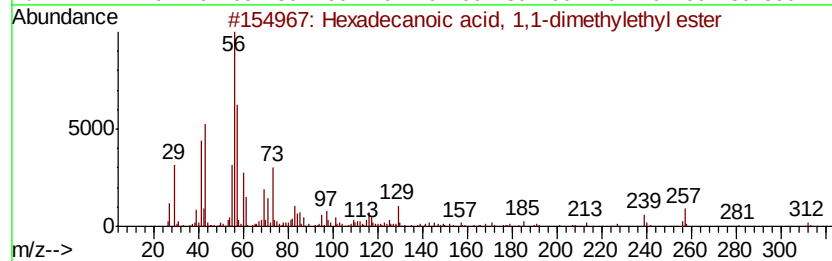
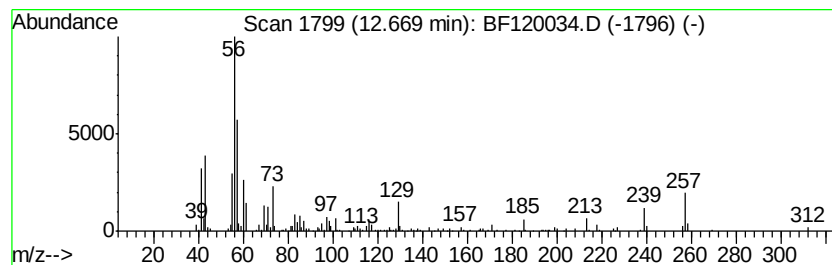
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Hexadecanoic acid, 1,1-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
12.67	6.10 ng	199847	Chrysene-d12	13.89	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	98
2	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
3	Cvclopentanecarboxylic acid, 2-a...	129	C6H11NO2	037910-65-9	38
4	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	35
5	1-Hexene, 2-methyl-	98	C7H14	006094-02-6	35



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-041020

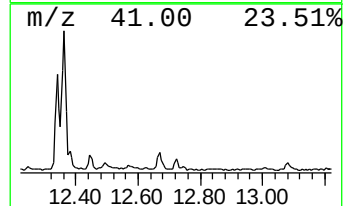
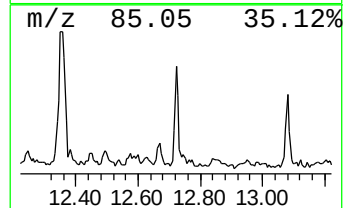
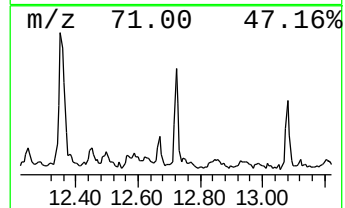
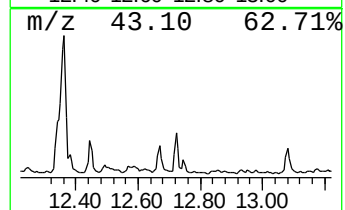
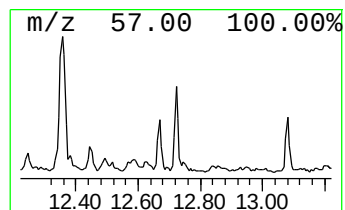
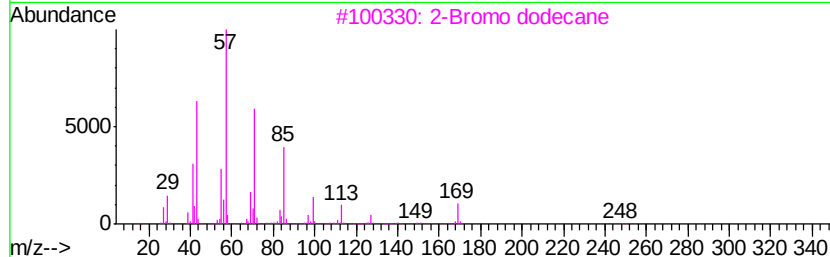
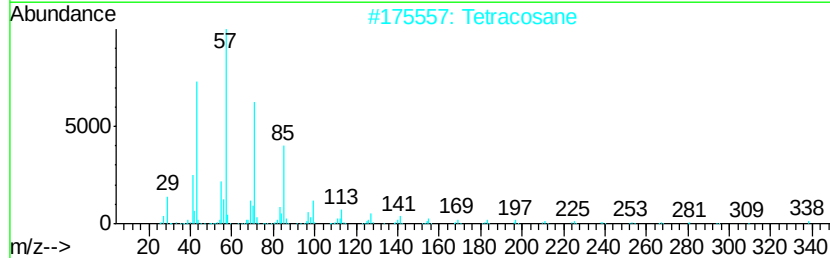
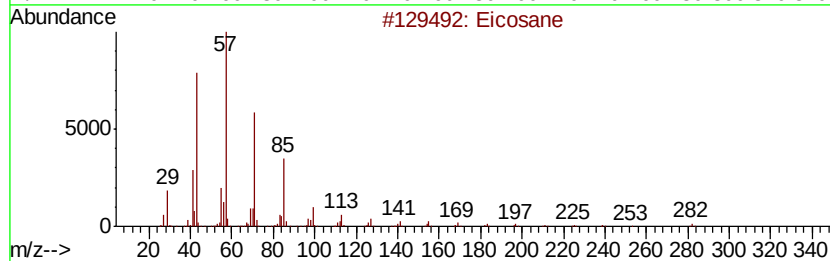
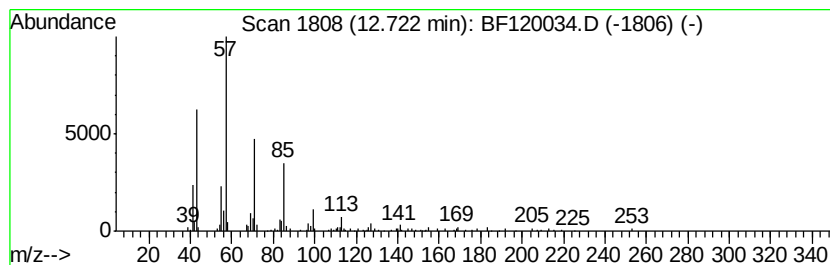
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Tetracosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	3.57 ng	117032	Chrysene-d12	13.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	91
2		Tetracosane	338	C24H50	000646-31-1	91
3		2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5		Heneicosane	296	C21H44	000629-94-7	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
 Data File : BF120034.D
 Acq On : 16 Apr 2020 14:21
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 Misc :
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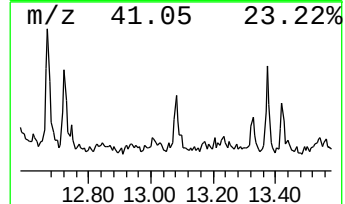
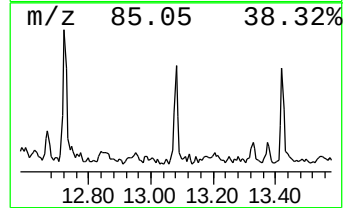
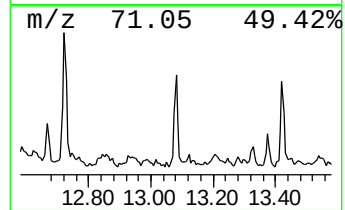
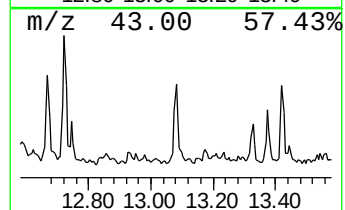
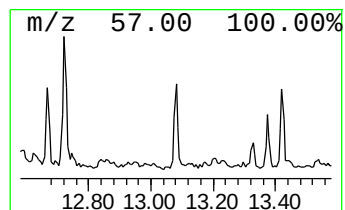
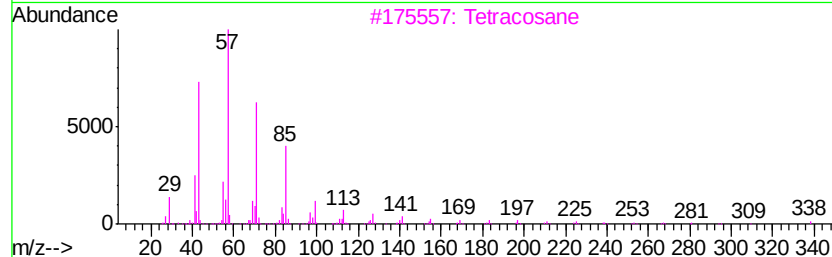
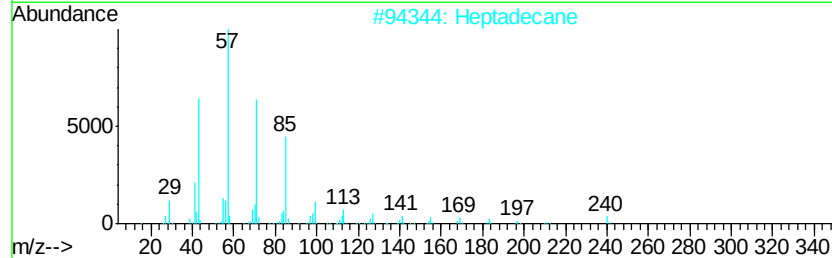
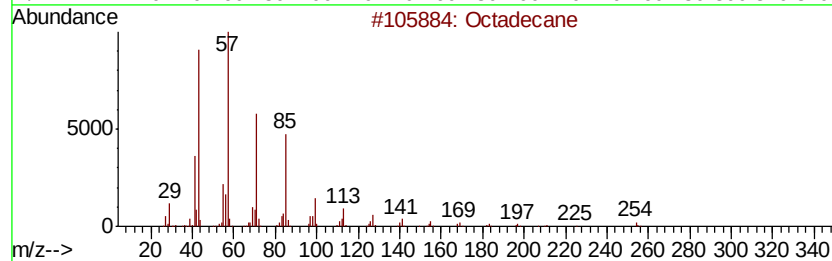
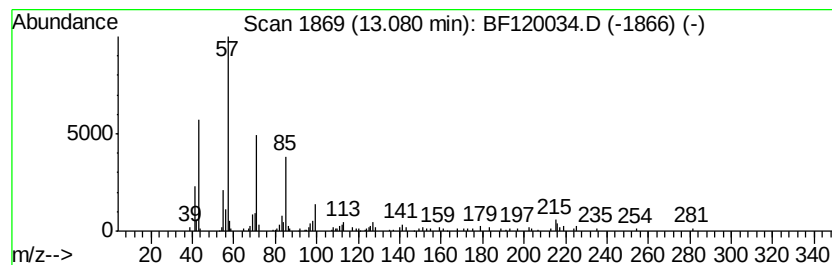
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 17 Octadecane Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	3.76 ng	123021	Chrysene-d12	13.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecane	254	C18H38	000593-45-3	95
2			Heptadecane	240	C17H36	000629-78-7	83
3			Tetracosane	338	C24H50	000646-31-1	83
4			Eicosane	282	C20H42	000112-95-8	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
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ALS Vial : 42 Sample Multiplier: 1

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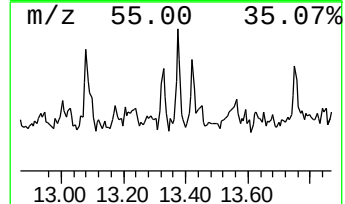
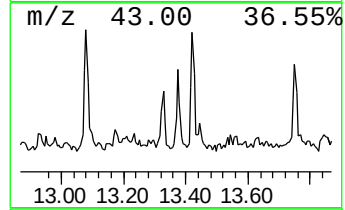
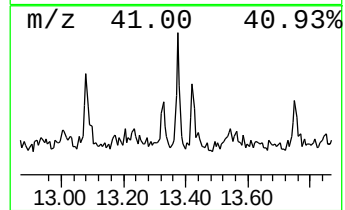
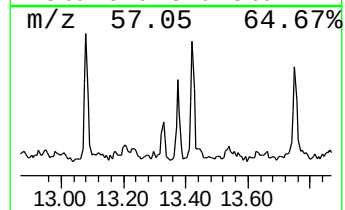
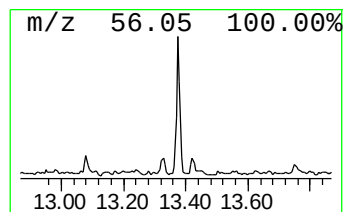
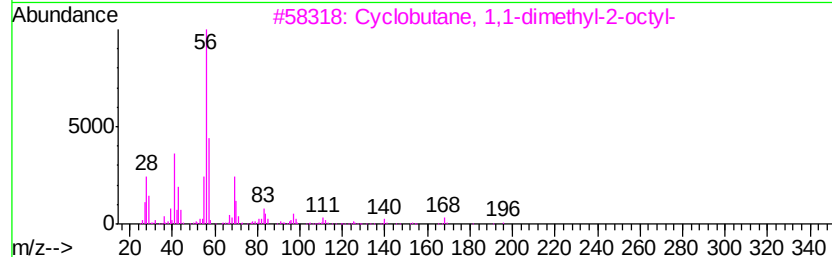
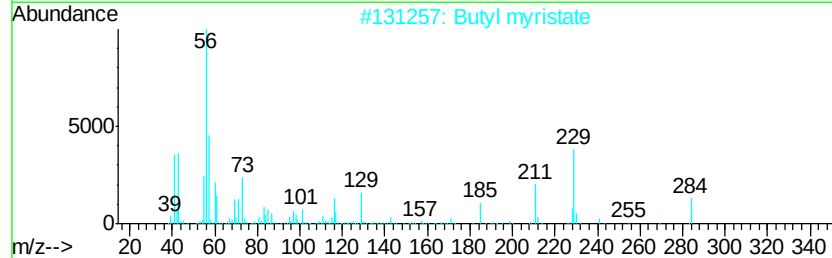
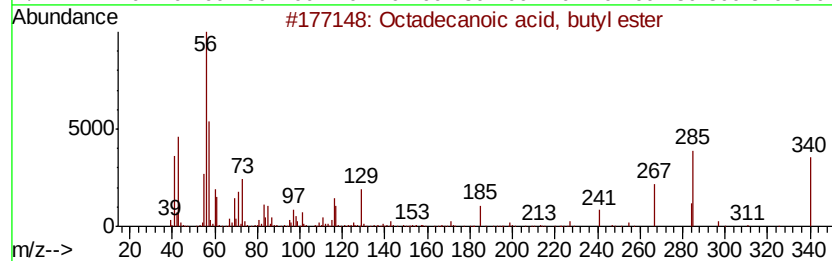
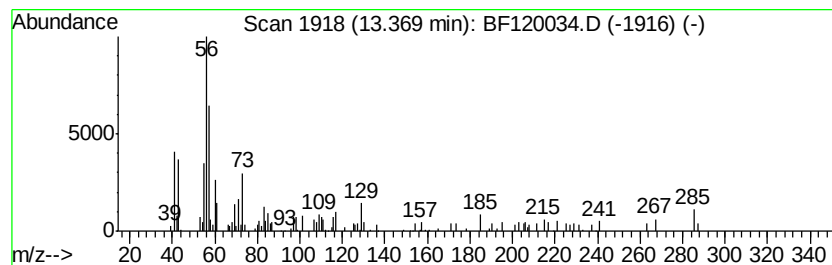
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 18 Octadecanoic acid, butyl ester Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	3.83 ng	125400	Chrysene-d12	13.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2			Butyl myristate	284	C18H36O2	000110-36-1	80
3			Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
4			1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	38
5			Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-041020

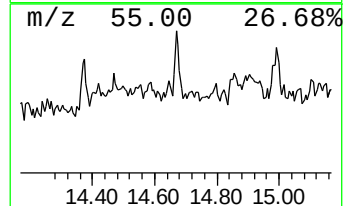
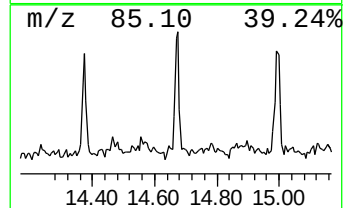
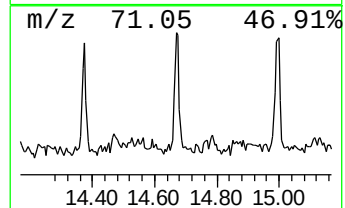
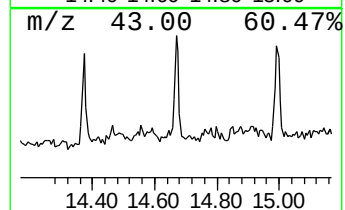
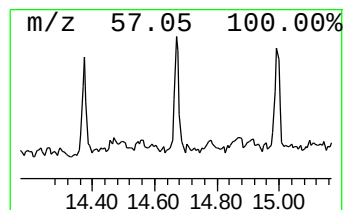
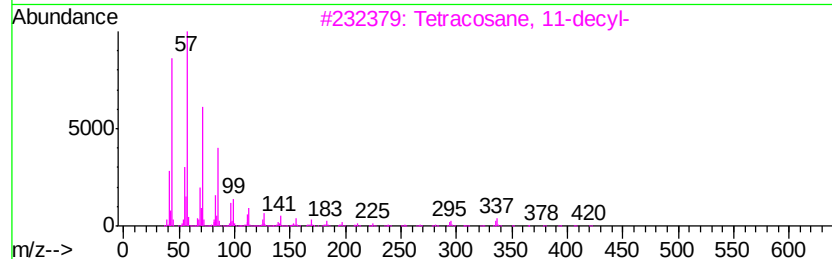
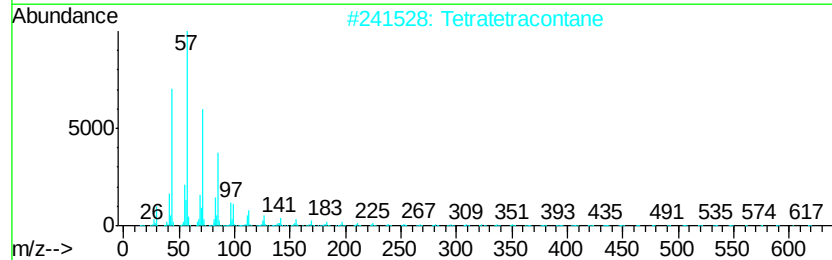
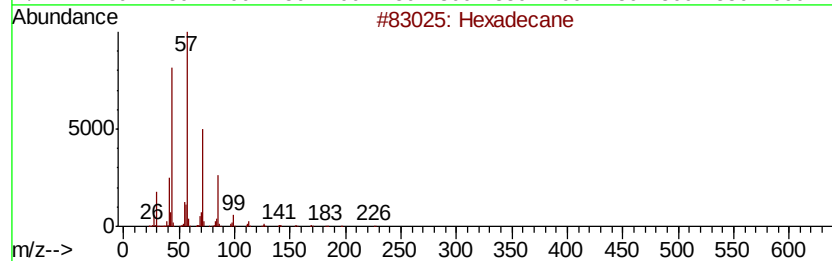
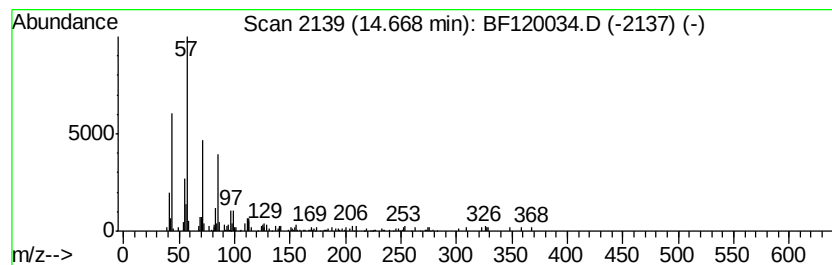
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tetratetracontane Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	3.89 ng	105270	Perylene-d12	15.32

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	93
2		Tetratetracontane	619	C44H90	007098-22-8	86
3		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	86
4		2-methyltetracosane	352	C25H52	1000376-72-6	74
5		Pentadecane	212	C15H32	000629-62-9	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041620\
Data File : BF120034.D
Acq On : 16 Apr 2020 14:21
Operator : MA/SJ
Sample : L2122-06 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

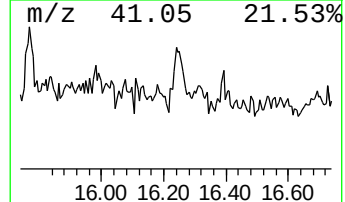
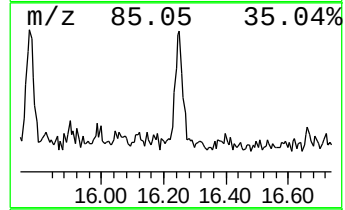
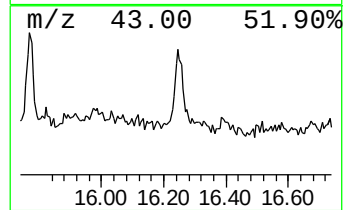
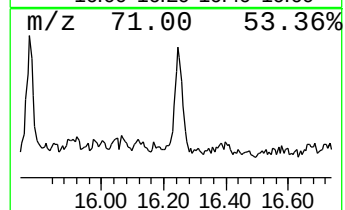
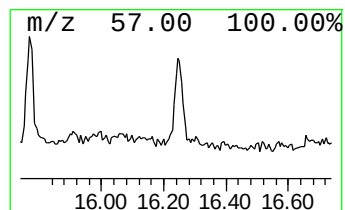
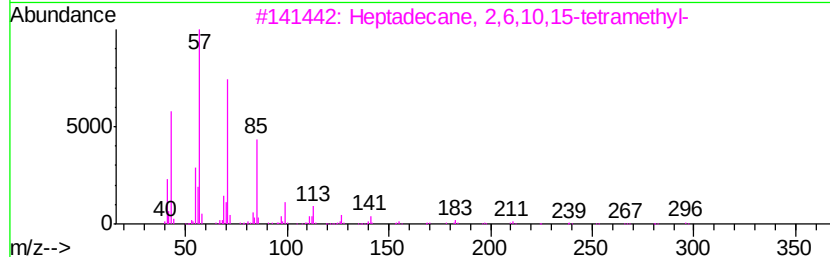
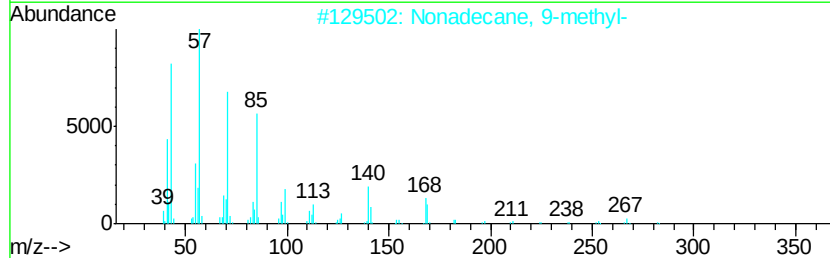
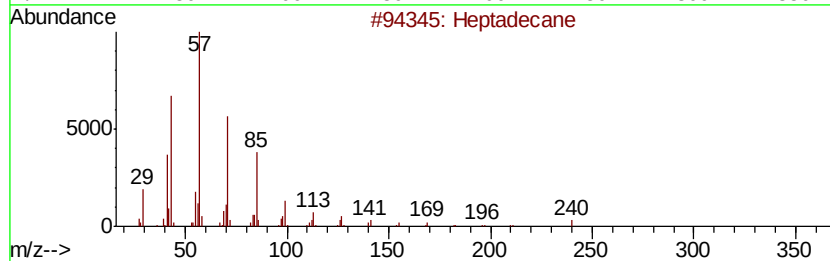
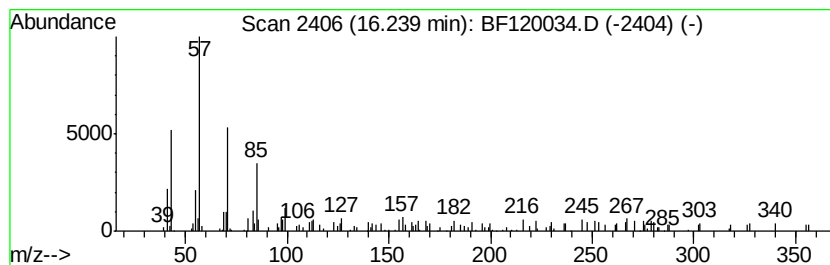
Instrument :
BNA_F
ClientSampleId :
SU-04-041020

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 20 Nonadecane, 9-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	3.63 ng	98145	Perylene-d12	15.32
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Heptadecane	240	C17H36	000629-78-7 92
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6 83
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6 64
4	Heneicosane	296	C21H44	000629-94-7 64
5	Pentadecane	212	C15H32	000629-62-9 64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041620\
 Data File : BF120034.D
 Acq On : 16 Apr 2020 14:21
 Operator : MA/SJ
 Sample : L2122-06 5X
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-041020

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
Tritetracontane	9.49	3.8 ng		180350	3	9.76	938794	20.0
Hexadecane	9.70	4.7 ng		219603	3	9.76	938794	20.0
Octane, 3,5-dimet...	10.20	5.7 ng		267119	3	9.76	938794	20.0
Tridecane	10.43	4.6 ng		214412	3	9.76	938794	20.0
Eicosane	10.68	11.7 ng		548852	4	11.25	934681	20.0
Pentadecane	11.13	7.2 ng		335800	4	11.25	934681	20.0
Decane, 2-methyl-	11.16	4.5 ng		210435	4	11.25	934681	20.0
Heptadecane	11.56	4.7 ng		221097	4	11.25	934681	20.0
Hexadecanoic acid...	11.65	8.3 ng		388632	4	11.25	934681	20.0
Heneicosane	11.96	4.2 ng		193732	4	11.25	934681	20.0
9,12-Octadecadien...	12.34	25.7 ng		1201620	4	11.25	934681	20.0
8-Octadecenoic ac...	12.36	30.1 ng		1409060	4	11.25	934681	20.0
Methyl stearate	12.45	4.5 ng		212114	4	11.25	934681	20.0
Hexadecanoic acid...	12.67	6.1 ng		199847	5	13.89	655080	20.0
Tetracosane	12.72	3.6 ng		117032	5	13.89	655080	20.0
Octadecane	13.08	3.8 ng		123021	5	13.89	655080	20.0
Octadecanoic acid...	13.37	3.8 ng		125400	5	13.89	655080	20.0
Tetratetracontane	14.67	3.9 ng		105270	6	15.32	541214	20.0
Nonadecane, 9-met...	16.24	3.6 ng		98145	6	15.32	541214	20.0