

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
 Data File : BF120053.D
 Acq On : 17 Apr 2020 12:32
 Operator : MA/SJ
 Sample : L2245-38
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

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	5.334	547	552	555	rBV	3901812	3782472	84.09%	5.130%
2	6.369	722	728	739	rVB	3447812	3864193	85.91%	5.240%
3	6.722	785	788	792	rBV	1357339	1267412	28.18%	1.719%
4	6.881	811	815	818	rBV	3530769	3280228	72.93%	4.449%
5	7.139	857	859	866	rVB2	94647	111939	2.49%	0.152%
6	7.292	876	885	888	rBV	2829895	2660704	59.15%	3.608%
7	7.751	956	963	967	rBV6	53563	105537	2.35%	0.143%
8	8.010	1002	1007	1009	rBV	1958081	1684535	37.45%	2.284%
9	8.033	1009	1011	1014	rVV	433349	337472	7.50%	0.458%
10	8.439	1076	1080	1082	rBV	113743	113463	2.52%	0.154%
11	8.610	1106	1109	1112	rBV	331016	250990	5.58%	0.340%
12	8.722	1126	1128	1132	rVB	156652	144369	3.21%	0.196%
13	8.822	1141	1145	1150	rBV2	178722	245705	5.46%	0.333%
14	9.039	1180	1182	1186	rVB2	142486	127832	2.84%	0.173%
15	9.092	1186	1191	1194	rBV	5353636	4497879	100.00%	6.100%
16	9.175	1200	1205	1209	rBV2	640739	644299	14.32%	0.874%
17	9.239	1212	1216	1218	rVV2	158569	216198	4.81%	0.293%
18	9.345	1231	1234	1240	rVB4	148041	229514	5.10%	0.311%
19	9.427	1241	1248	1250	rBV4	290486	380262	8.45%	0.516%
20	9.451	1250	1252	1254	rVV2	251850	201251	4.47%	0.273%
21	9.486	1254	1258	1262	rVV2	613119	720388	16.02%	0.977%
22	9.516	1262	1263	1266	rVV2	193567	175952	3.91%	0.239%
23	9.551	1266	1269	1273	rVB4	174829	251906	5.60%	0.342%
24	9.627	1280	1282	1284	rBV	104576	86599	1.93%	0.117%
25	9.680	1288	1291	1293	rBV3	74240	87705	1.95%	0.119%
26	9.704	1293	1295	1299	rVB	812598	666414	14.82%	0.904%
27	9.769	1299	1306	1309	rBV	2032899	1794850	39.90%	2.434%
28	9.798	1309	1311	1315	rVV	801497	627402	13.95%	0.851%
29	9.875	1321	1324	1328	rVB2	107677	138405	3.08%	0.188%
30	9.927	1329	1333	1335	rBV4	135732	198840	4.42%	0.270%
31	9.969	1338	1340	1343	rVB	411171	336072	7.47%	0.456%
32	10.027	1348	1350	1354	rVB2	169044	144531	3.21%	0.196%
33	10.086	1358	1360	1362	rBV2	105593	97788	2.17%	0.133%
34	10.204	1377	1380	1383	rVB	850690	760047	16.90%	1.031%

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Integrator: RTE

Smoothing : ON

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35	10.316	1395	1399	1401	rBV	592320	568001	12.63%	0.770%
36	10.380	1405	1410	1412	rVV3	143974	199231	4.43%	0.270%
37	10.404	1412	1414	1415	rVV2	140627	131711	2.93%	0.179%
38	10.427	1415	1418	1420	rVV	408705	419876	9.33%	0.569%
39	10.474	1423	1426	1430	rVB3	221157	235062	5.23%	0.319%
40	10.510	1430	1432	1435	rBV2	139855	146962	3.27%	0.199%
41	10.557	1435	1440	1444	rVV	2641181	2508145	55.76%	3.401%
42	10.592	1444	1446	1452	rVB4	81883	136994	3.05%	0.186%
43	10.680	1458	1461	1469	rBV	1037107	1140088	25.35%	1.546%
44	10.869	1486	1493	1495	rBV4	162134	316101	7.03%	0.429%
45	10.892	1495	1497	1499	rVV2	195102	186470	4.15%	0.253%
46	10.939	1503	1505	1508	rVV4	105217	116090	2.58%	0.157%
47	11.016	1512	1518	1522	rVV5	140082	286312	6.37%	0.388%
48	11.057	1523	1525	1529	rVB3	122907	117466	2.61%	0.159%
49	11.104	1530	1533	1534	rBV2	111587	111028	2.47%	0.151%
50	11.127	1534	1537	1539	rVV	813915	706415	15.71%	0.958%
51	11.157	1539	1542	1546	rVB2	410071	514979	11.45%	0.698%
52	11.257	1555	1559	1561	rBV	1470348	1517031	33.73%	2.057%
53	11.280	1561	1563	1566	rVV	3392889	2780515	61.82%	3.771%
54	11.327	1566	1571	1575	rVV	897937	860773	19.14%	1.167%
55	11.363	1575	1577	1581	rVV3	145690	159657	3.55%	0.217%
56	11.486	1595	1598	1600	rVB	206512	150753	3.35%	0.204%
57	11.510	1600	1602	1606	rVB3	150713	130592	2.90%	0.177%
58	11.557	1607	1610	1613	rBV2	705277	574113	12.76%	0.779%
59	11.757	1641	1644	1646	rBV	399600	319814	7.11%	0.434%
60	11.792	1646	1650	1653	rVV2	1107091	1282452	28.51%	1.739%
61	11.833	1654	1657	1659	rVV	251904	269758	6.00%	0.366%
62	11.868	1660	1663	1665	rVV	736138	787382	17.51%	1.068%
63	11.892	1665	1667	1671	rVB	347627	330507	7.35%	0.448%
64	11.969	1677	1680	1683	rBV	562972	469757	10.44%	0.637%
65	12.051	1692	1694	1696	rVB	189662	144854	3.22%	0.196%
66	12.204	1718	1720	1723	rVB	374128	337668	7.51%	0.458%
67	12.239	1723	1726	1727	rBV2	118348	130604	2.90%	0.177%
68	12.316	1736	1739	1742	rVV2	183508	230914	5.13%	0.313%
69	12.351	1742	1745	1750	rVB2	685524	707528	15.73%	0.960%
70	12.480	1763	1767	1770	rBV	3351931	2838189	63.10%	3.849%
71	12.516	1770	1773	1775	rVB	485904	396318	8.81%	0.537%

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Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON Filtering: 5
 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	12.574	1780	1783	1789	rBV5	295729	383080	8.52%	0.520%
73	12.704	1799	1805	1807	rBV	2551763	2945955	65.50%	3.995%
74	12.727	1807	1809	1811	rVB	547024	428756	9.53%	0.581%
75	12.816	1821	1824	1825	rBV	202989	184007	4.09%	0.250%
76	12.845	1825	1829	1836	rVB	3429341	3160144	70.26%	4.286%
77	12.980	1849	1852	1854	rBV	320021	271305	6.03%	0.368%
78	13.027	1857	1860	1863	rVB	499040	447057	9.94%	0.606%
79	13.080	1866	1869	1873	rBV2	583691	740473	16.46%	1.004%
80	13.127	1874	1877	1880	rBV2	286417	327615	7.28%	0.444%
81	13.251	1896	1898	1901	rBV	172330	138120	3.07%	0.187%
82	13.427	1924	1928	1930	rBV	502353	474875	10.56%	0.644%
83	13.674	1967	1970	1972	rBV	173102	137821	3.06%	0.187%
84	13.698	1972	1974	1975	rBV	154325	126533	2.81%	0.172%
85	13.757	1981	1984	1990	rVB	724470	844968	18.79%	1.146%
86	13.892	2003	2007	2010	rBV2	1526716	2084876	46.35%	2.827%
87	13.921	2010	2012	2018	rVB	1143774	1049833	23.34%	1.424%
88	14.004	2024	2026	2028	rVB	229853	164324	3.65%	0.223%
89	14.068	2034	2037	2042	rVB2	436544	450312	10.01%	0.611%
90	14.280	2071	2073	2076	rVB	219602	199867	4.44%	0.271%
91	14.374	2086	2089	2092	rBV2	455426	407714	9.06%	0.553%
92	14.674	2137	2140	2143	rBV	326740	316423	7.03%	0.429%
93	14.921	2178	2182	2185	rBV	910586	1371244	30.49%	1.860%
94	14.998	2192	2195	2197	rBV2	259613	258403	5.74%	0.350%
95	15.209	2227	2231	2236	rVB	575522	732124	16.28%	0.993%
96	15.268	2237	2241	2247	rVV	898770	1045607	23.25%	1.418%
97	15.327	2247	2251	2254	rVV	694202	890140	19.79%	1.207%
98	15.357	2254	2256	2264	rVB2	434225	524610	11.66%	0.711%
99	16.715	2483	2487	2496	rVB2	335340	636622	14.15%	0.863%
100	17.139	2554	2559	2567	rVB	256985	501662	11.15%	0.680%

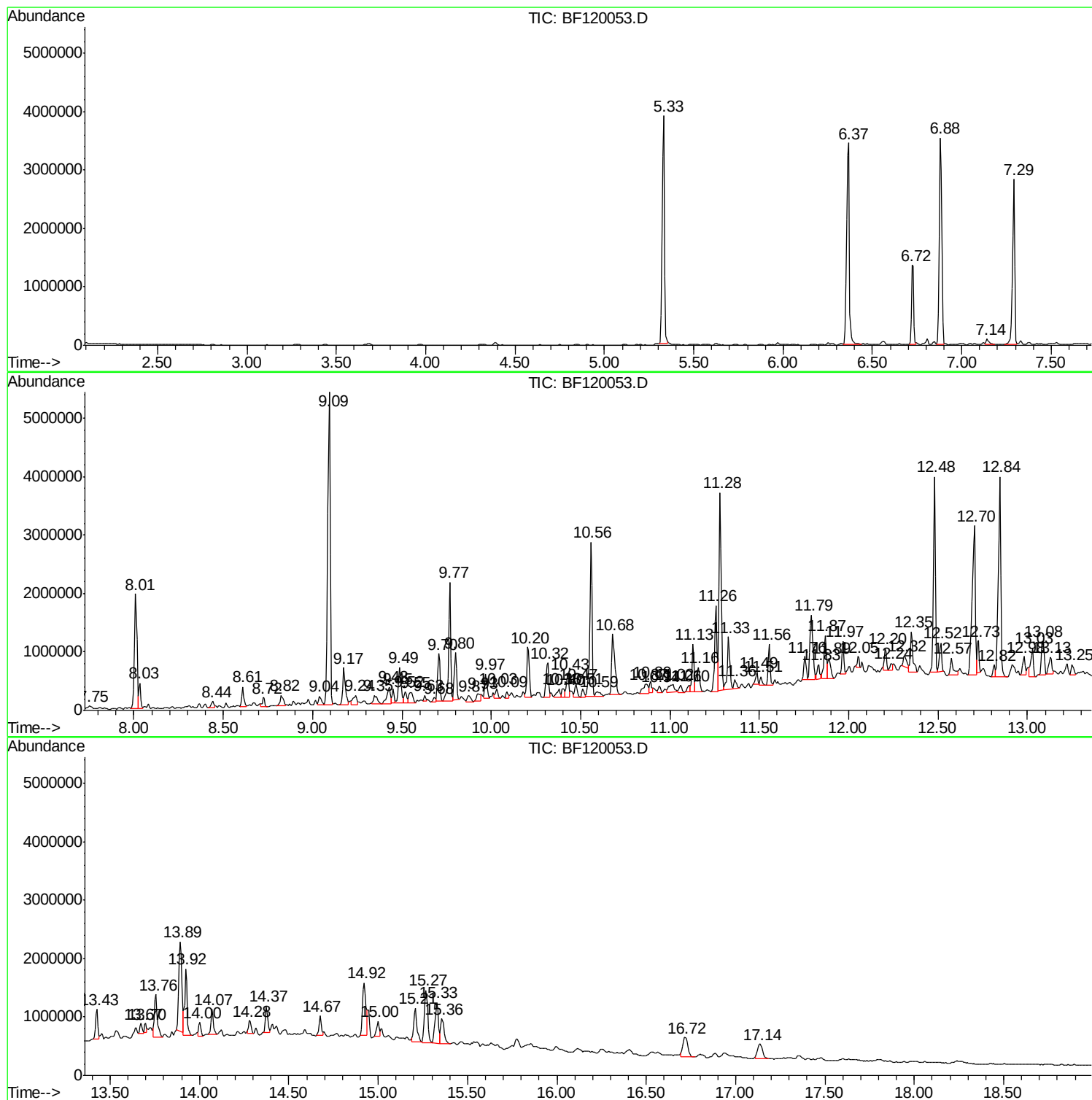
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Instrument :
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ClientSampled :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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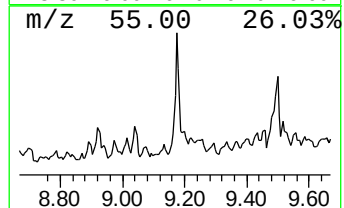
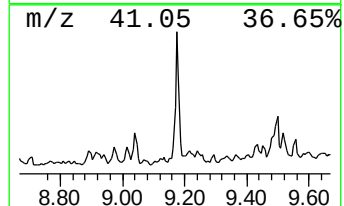
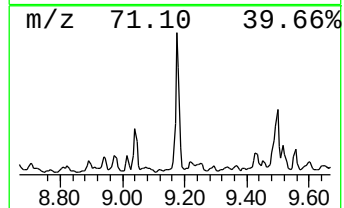
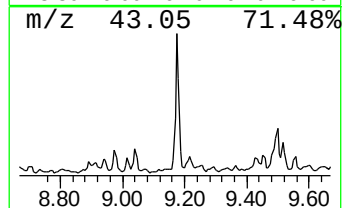
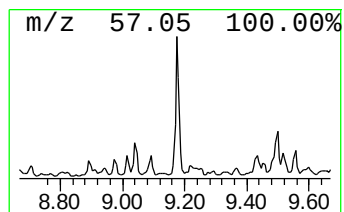
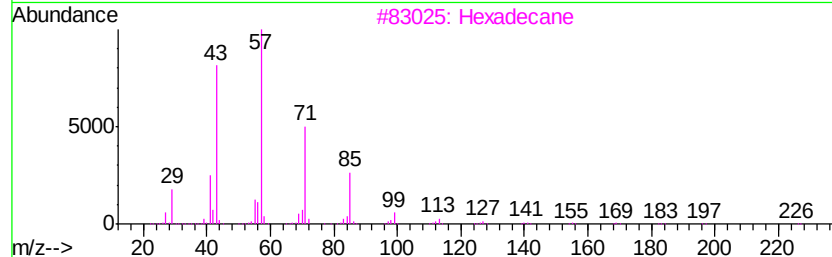
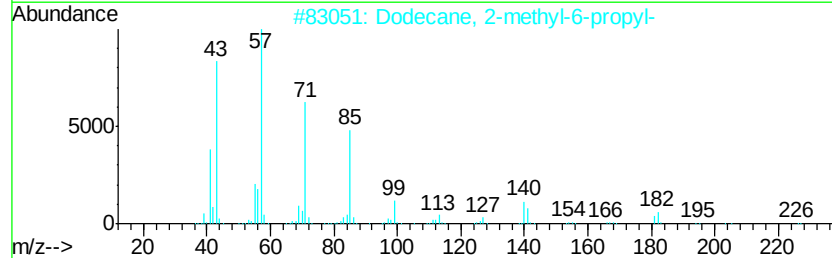
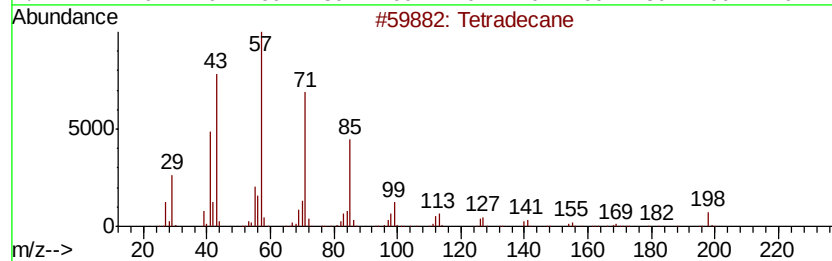
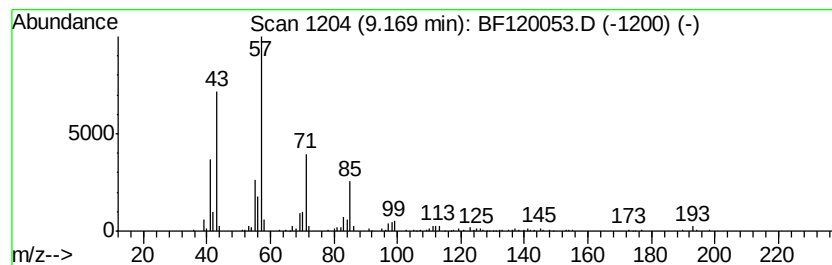
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Tetradecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	7.18 ng	644299	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecane	198	C14H30	000629-59-4	91
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
3		Hexadecane	226	C16H34	000544-76-3	86
4		Tridecane	184	C13H28	000629-50-5	80
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	74



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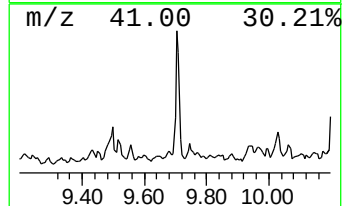
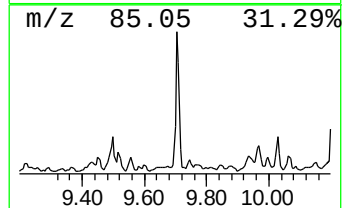
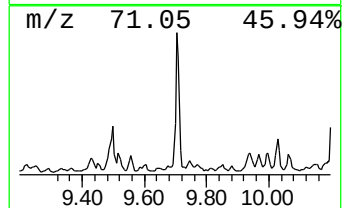
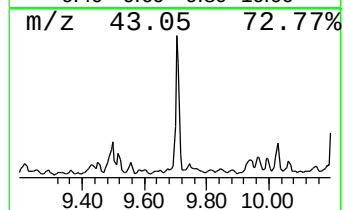
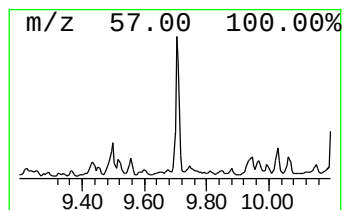
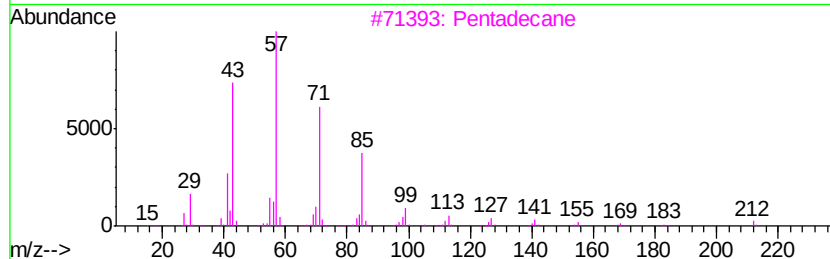
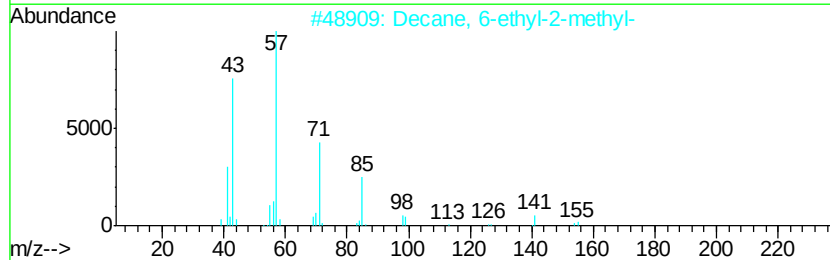
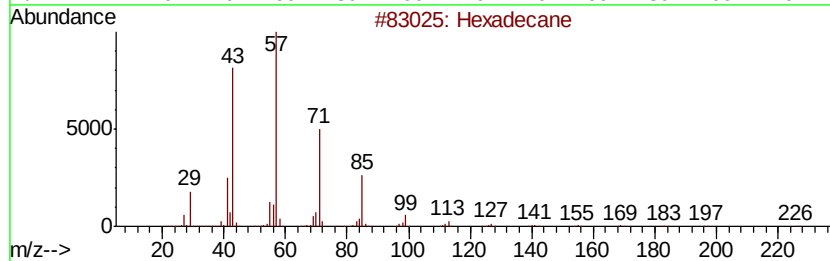
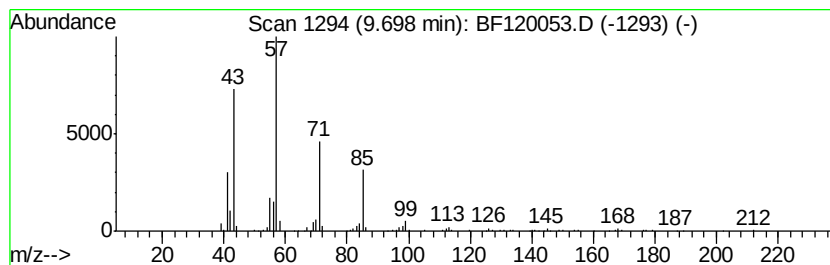
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Hexadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.70	7.43 ng	666414	Acenaphthene-d10	9.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	87
2		Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	86
3		Pentadecane	212	C15H32	000629-62-9	86
4		Tetradecane	198	C14H30	000629-59-4	86
5		Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72



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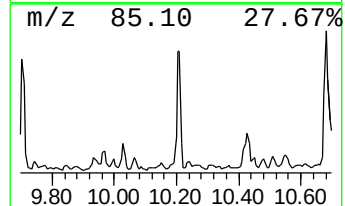
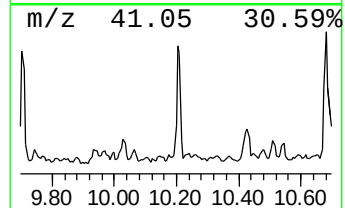
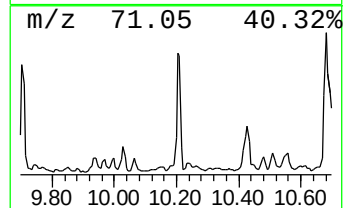
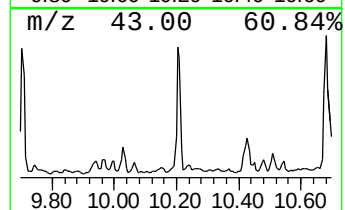
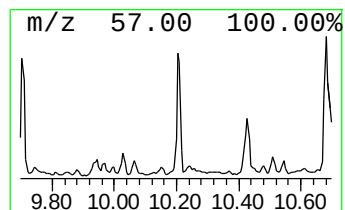
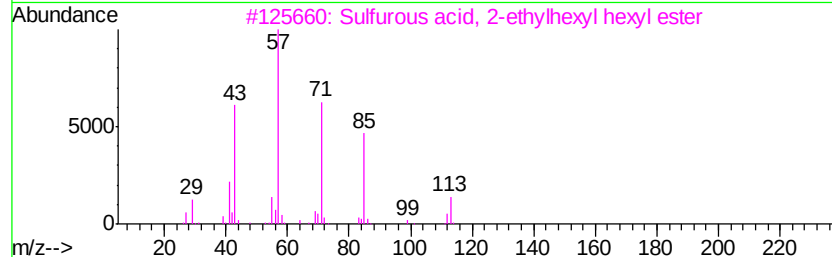
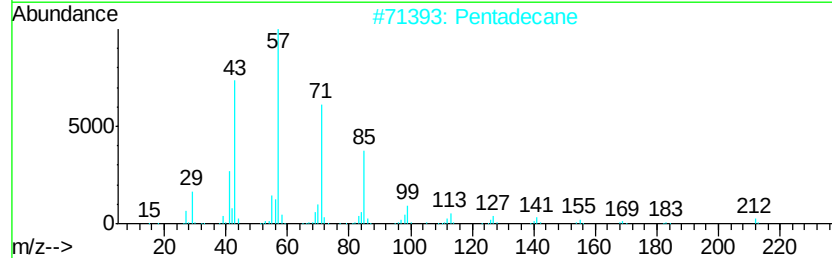
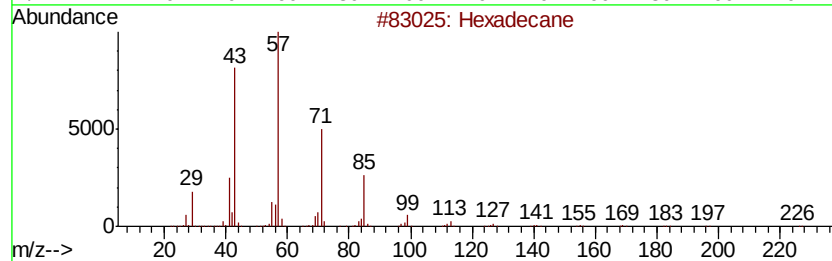
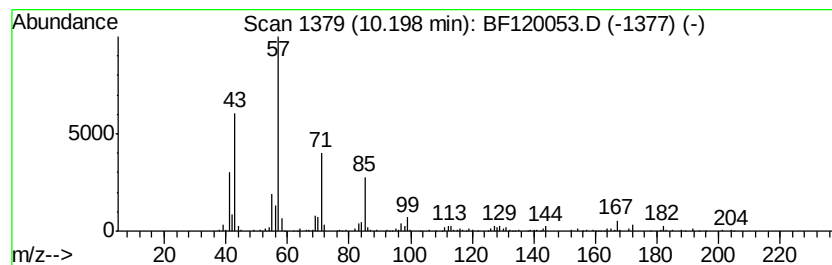
Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Pentadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	8.47 ng	760047	Acenaphthene-d10	9.77
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	87
2	Pentadecane	212 C15H32	000629-62-9	86
3	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	80
4	Tetradecane	198 C14H30	000629-59-4	80
5	Dodecane, 3-methyl-	184 C13H28	017312-57-1	72



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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 Acq On : 17 Apr 2020 12:32
 Operator : MA/SJ
 Sample : L2245-38
 Misc :
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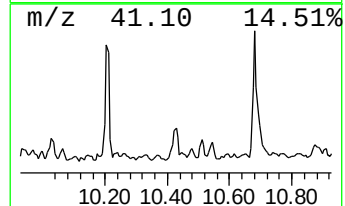
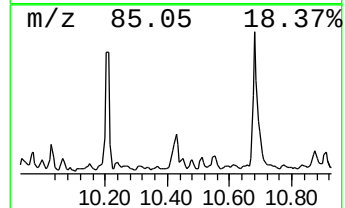
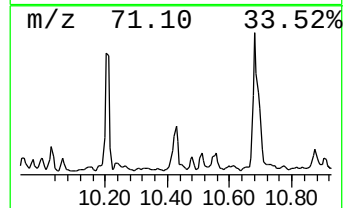
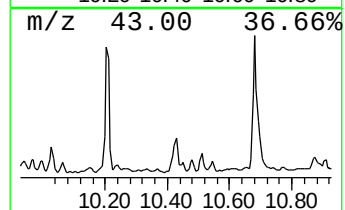
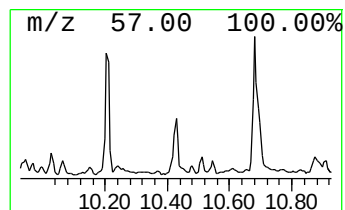
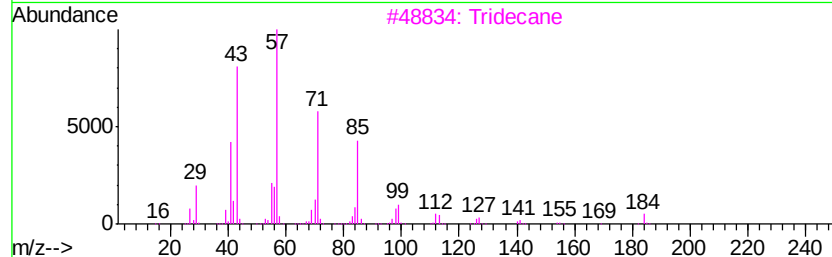
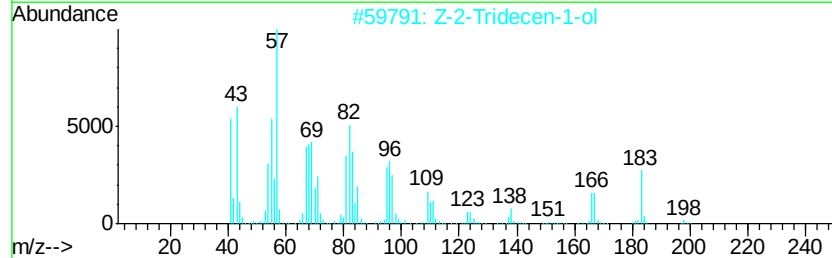
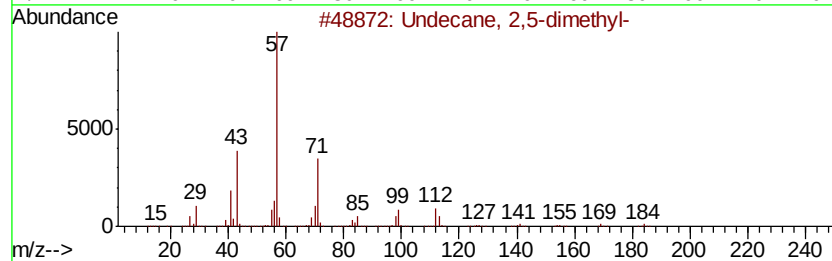
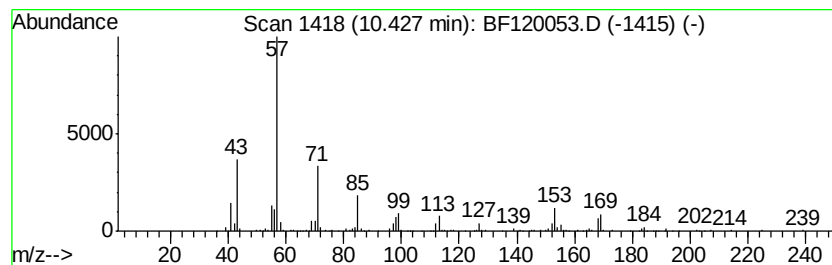
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 5 Undecane, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.43	4.68 ng	419876	Acenaphthene-d10		9.77	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,5-dimethyl-		184	C13H28	017301-22-3	60
2	Z-2-Tridecen-1-ol		198	C13H26O	1000130-75-8	53
3	Tridecane		184	C13H28	000629-50-5	43
4	Octadecane		254	C18H38	000593-45-3	43
5	Undecane, 3,5-dimethyl-		184	C13H28	017312-81-1	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

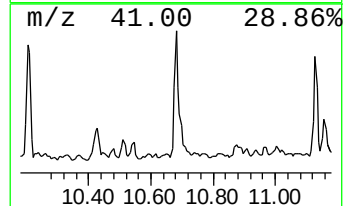
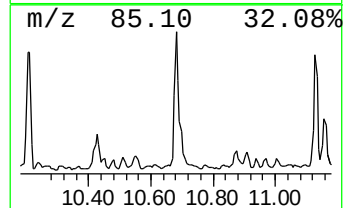
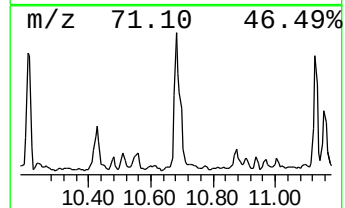
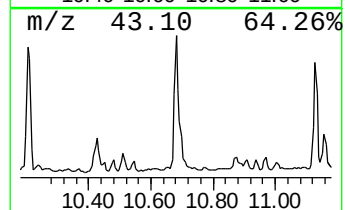
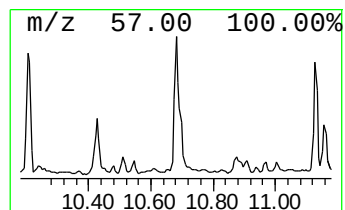
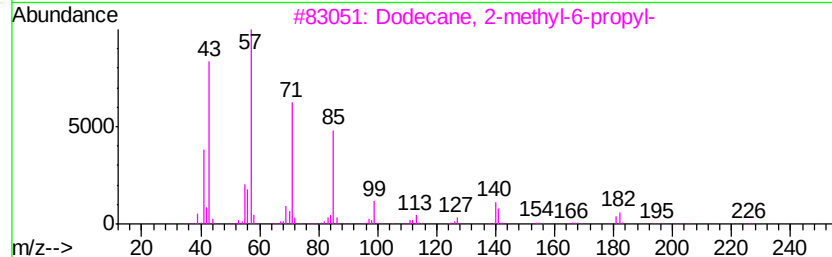
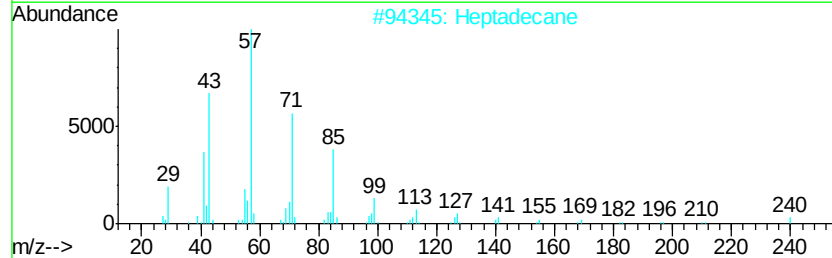
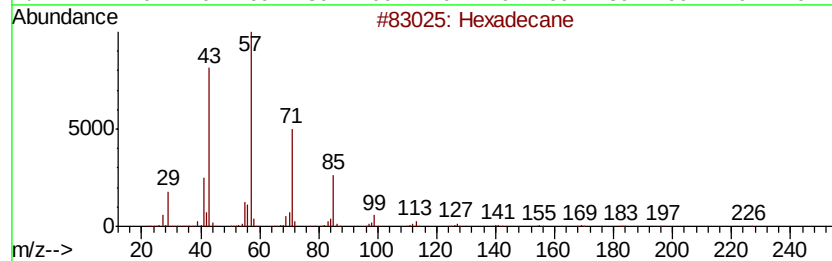
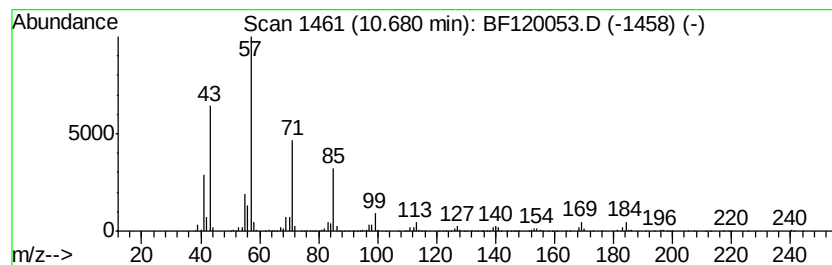
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Dodecane, 2-methyl-6-propyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD		R.T.	
10.68	15.03 ng	1140090	Phenanthrene-d10		11.26	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane		226	C16H34	000544-76-3	95
2	Heptadecane		240	C17H36	000629-78-7	94
3	Dodecane, 2-methyl-6-propyl-		226	C16H34	055045-08-4	90
4	5-Ethyldecane		170	C12H26	017302-36-2	74
5	Pentadecane, 6-methyl-		226	C16H34	010105-38-1	74



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
 Data File : BF120053.D
 Acq On : 17 Apr 2020 12:32
 Operator : MA/SJ
 Sample : L2245-38
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

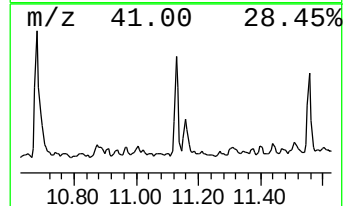
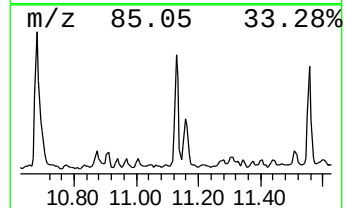
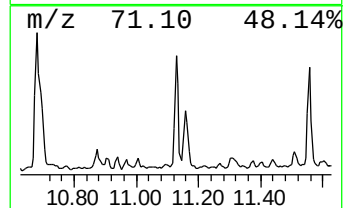
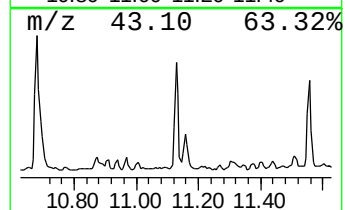
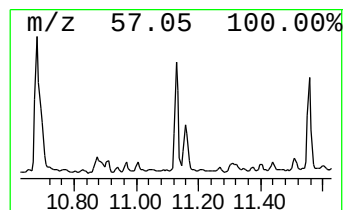
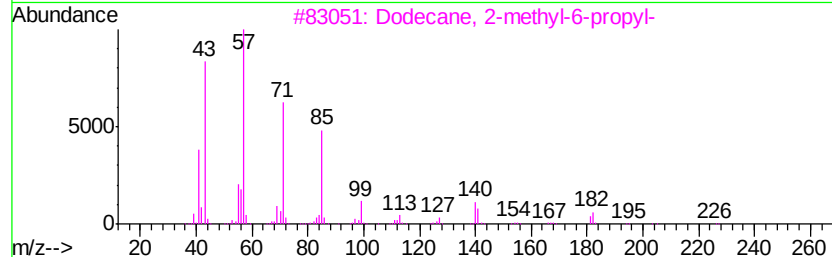
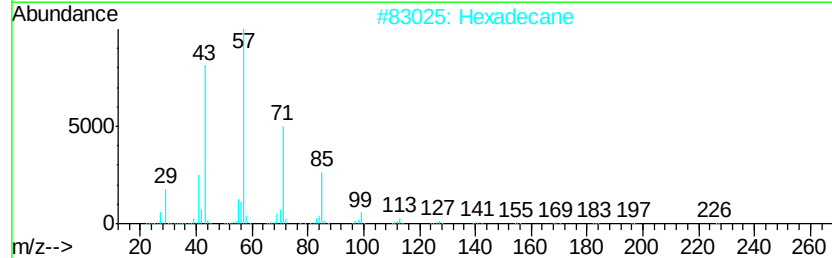
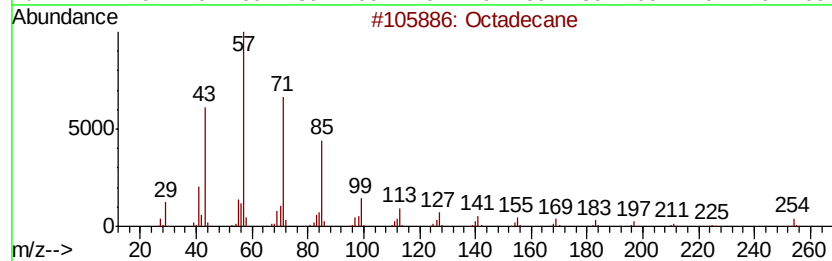
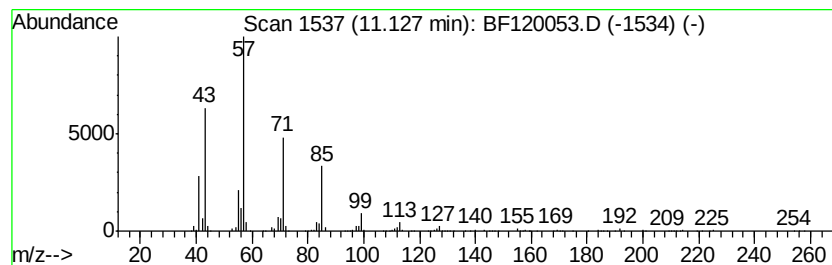
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

 Peak Number 7 Octadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.13	9.31 ng	706415	Phenanthrene-d10		11.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Hexadecane	226	C16H34	000544-76-3	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Heptadecane	240	C17H36	000629-78-7	80
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	78



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

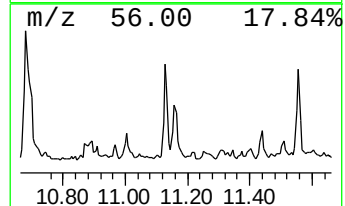
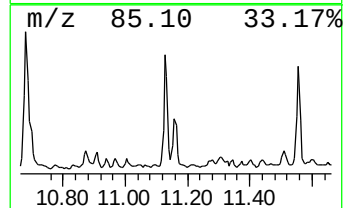
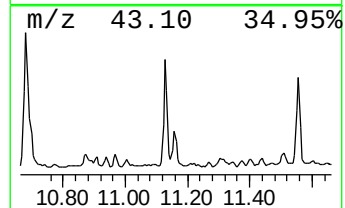
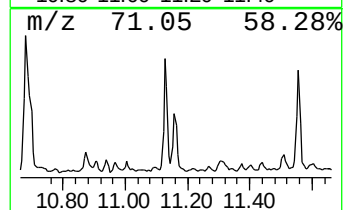
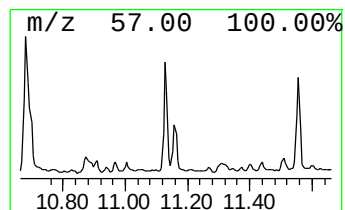
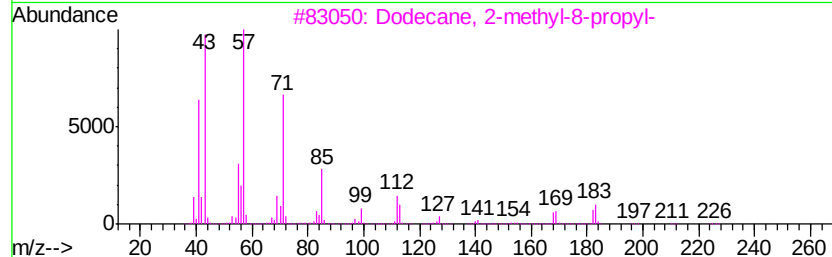
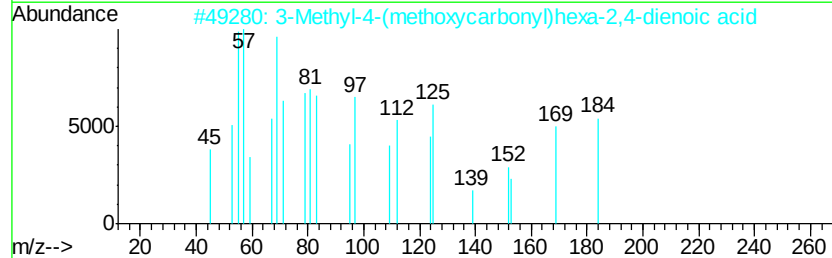
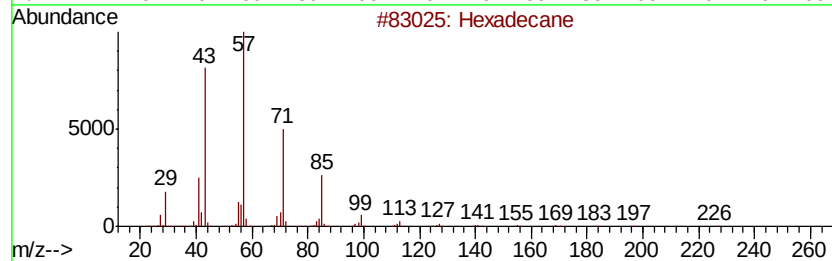
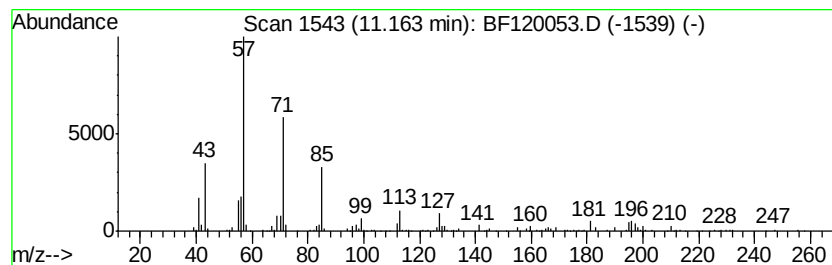
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 3-Methyl-4-(methoxycarbonyl... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.16	6.79 ng	514979	Phenanthrene-d10	11.26	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	70
2	3-Methyl-4-(methoxycarbonyl)hexa...	184	C9H12O4	1000104-10-8	60
3	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	58
4	Heptacosane	380	C27H56	000593-49-7	58
5	Pentadecane, 8-hexyl-	296	C21H44	013475-75-7	53



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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Sample : L2245-38
Misc :
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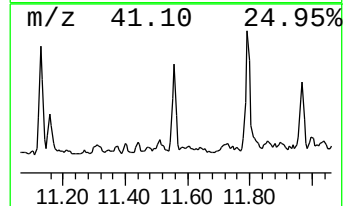
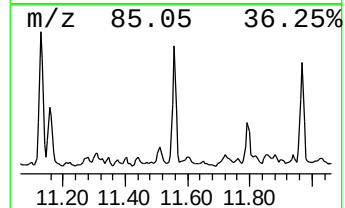
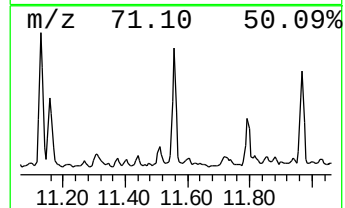
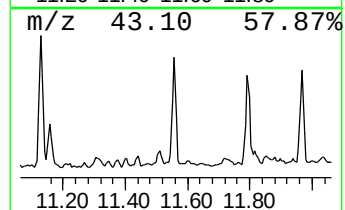
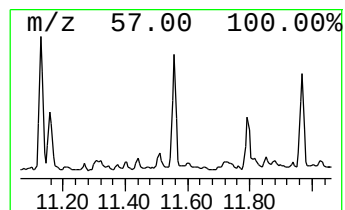
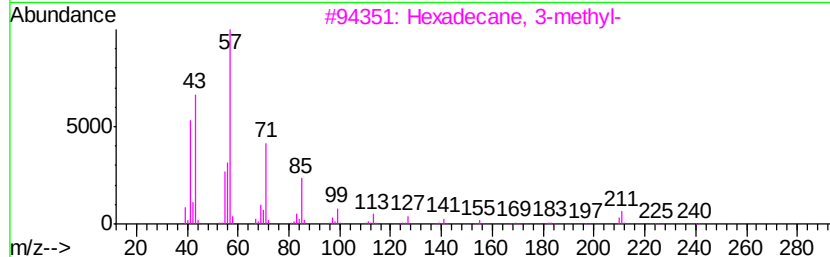
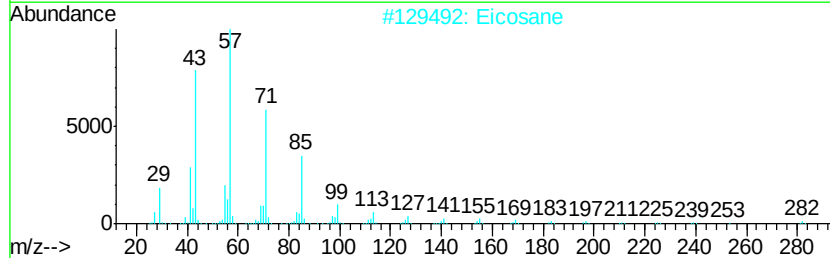
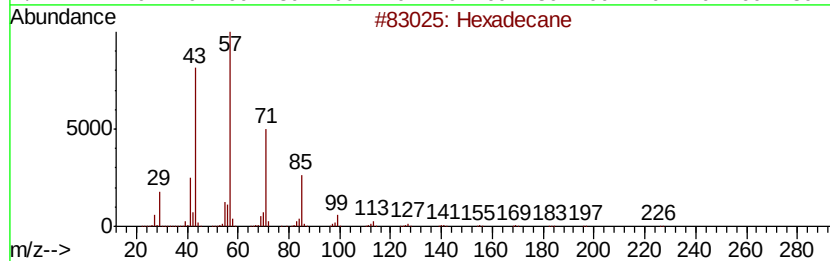
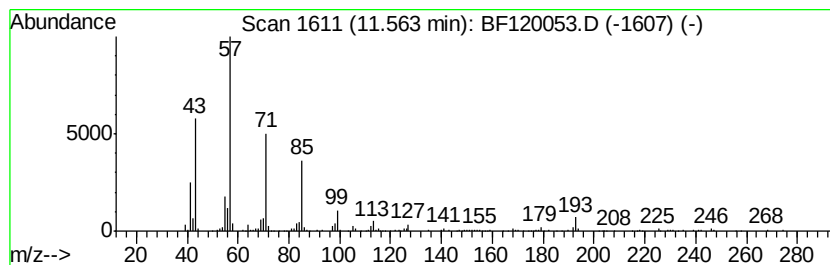
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Eicosane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.
11.56	7.57 ng	574113	Phenanthrene-d10		11.26
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	80
2	Eicosane	282	C20H42	000112-95-8	80
3	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	64
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
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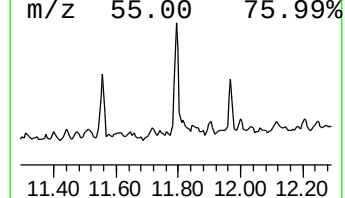
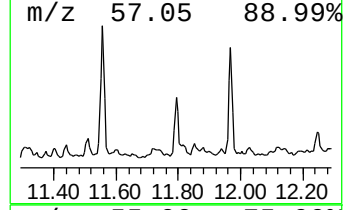
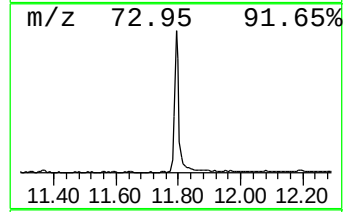
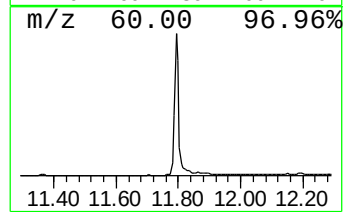
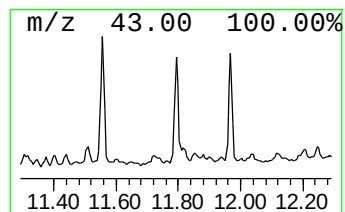
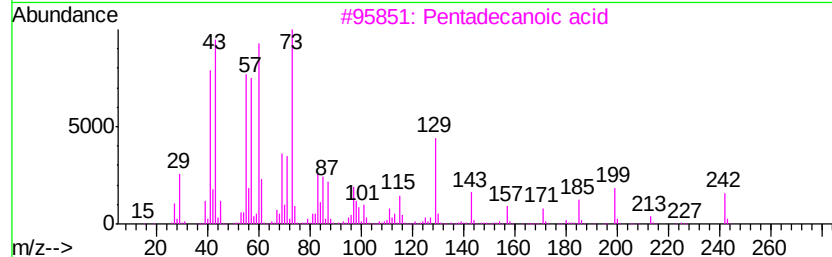
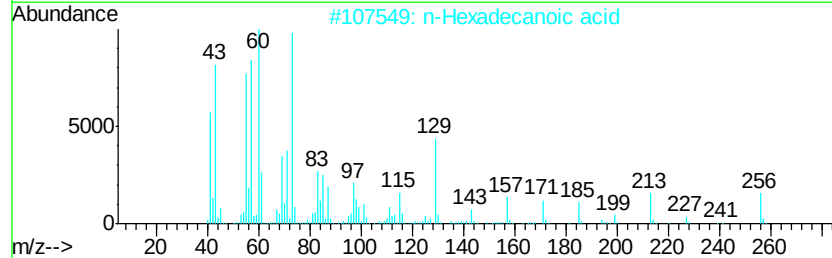
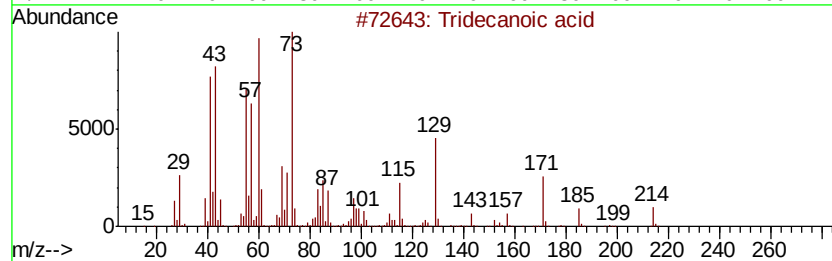
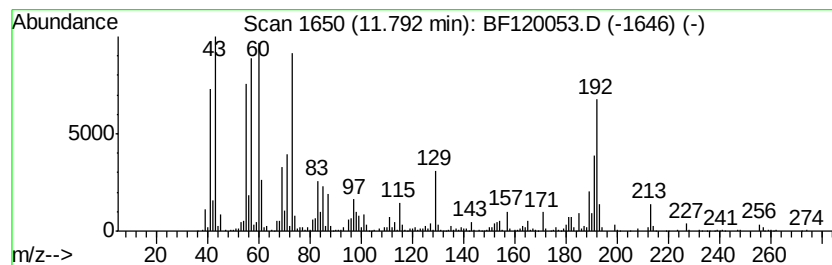
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Tridecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	16.91 ng	1282450	Phenanthrene-d10	11.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	91
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	83
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	60
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	52



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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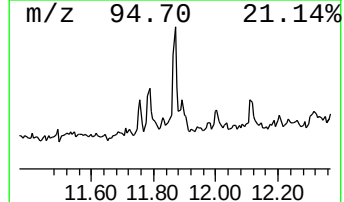
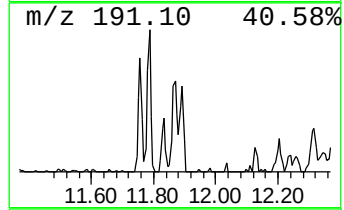
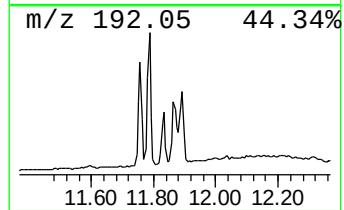
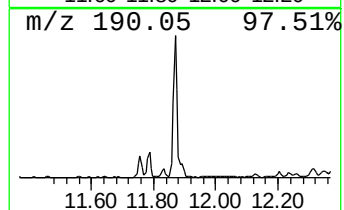
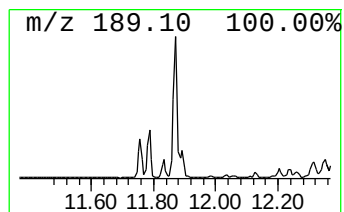
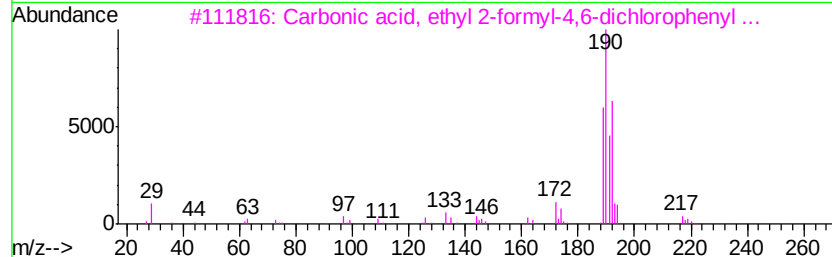
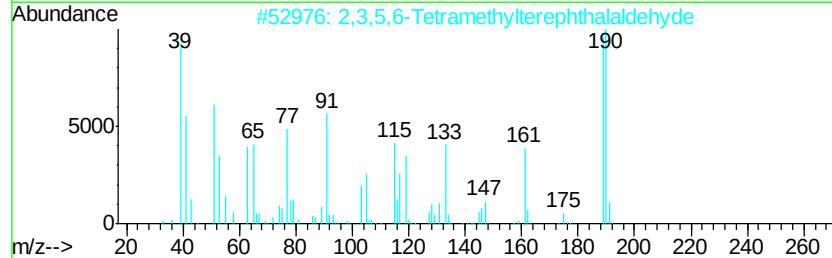
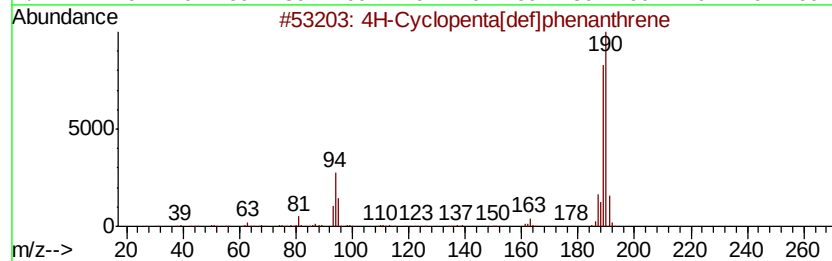
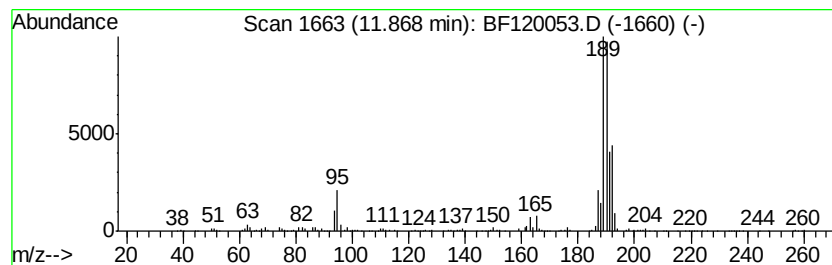
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.		
11.87	10.38 ng	787382	Phenanthrene-d10	11.26		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3		Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	40
4		Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40
5		Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	38



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

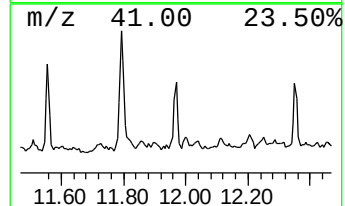
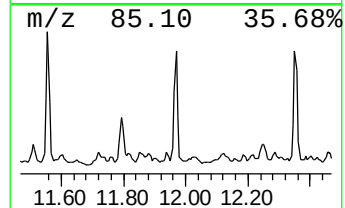
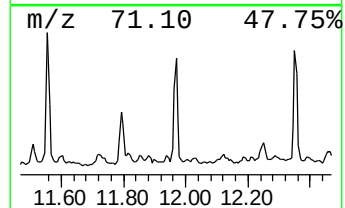
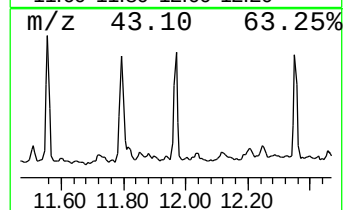
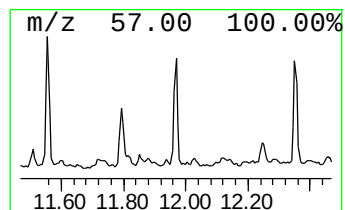
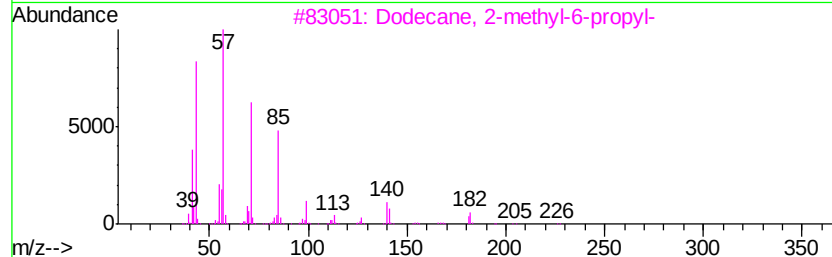
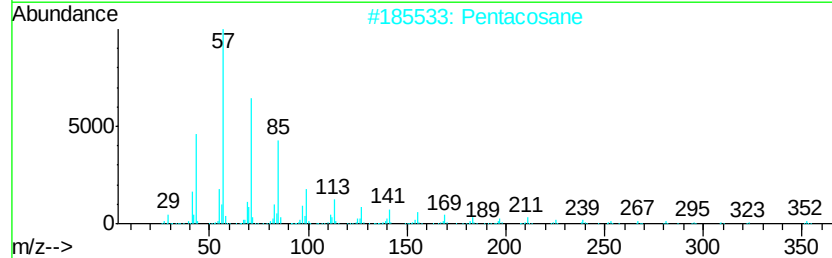
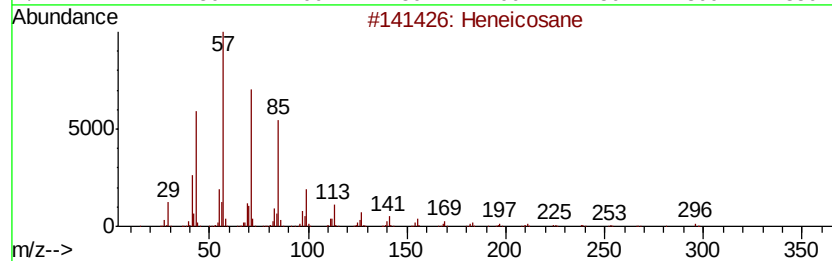
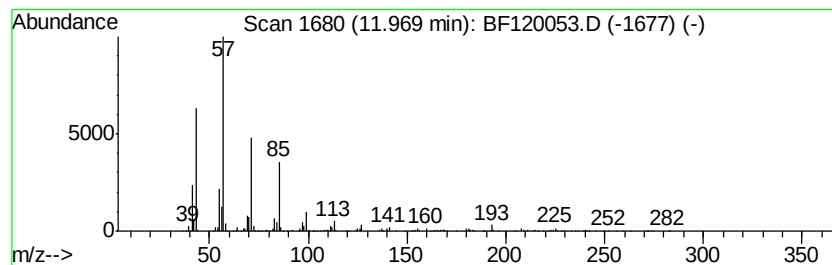
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heneicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.97	6.19 ng	469757	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Heneicosane	296	C21H44	000629-94-7	90
2			Pentacosane	352	C25H52	000629-99-2	90
3			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5			Hexadecane	226	C16H34	000544-76-3	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
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Instrument :
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ClientSampleId :
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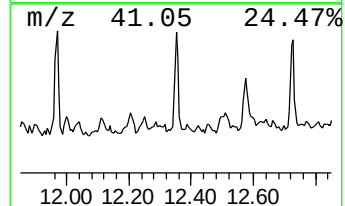
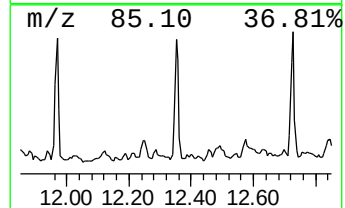
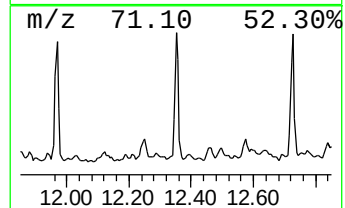
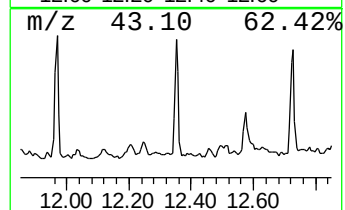
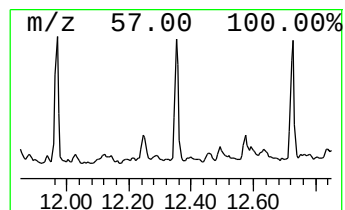
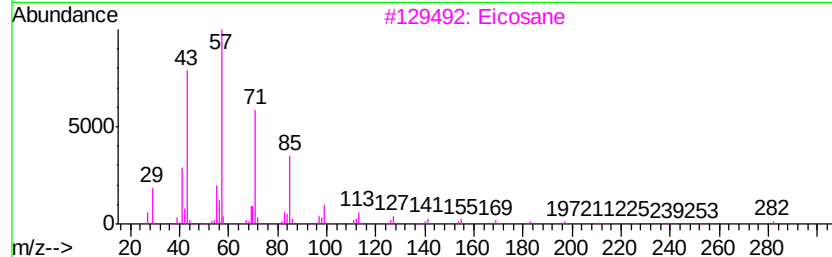
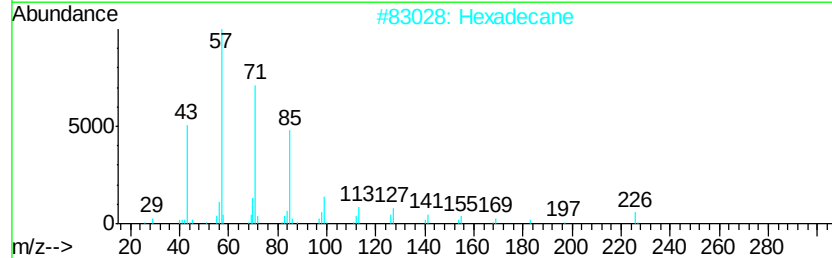
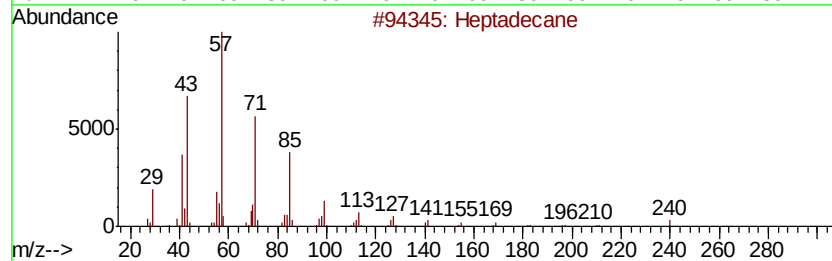
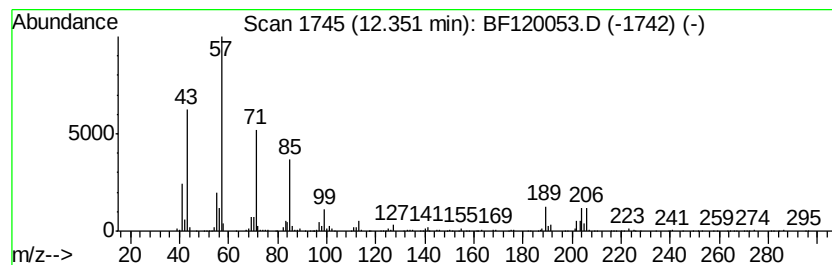
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Heptadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.35	9.33 ng	707528	Phenanthrene-d10	11.26

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	93
2		Hexadecane	226	C16H34	000544-76-3	83
3		Eicosane	282	C20H42	000112-95-8	64
4		Heptacosane	380	C27H56	000593-49-7	58
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

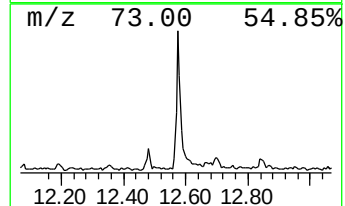
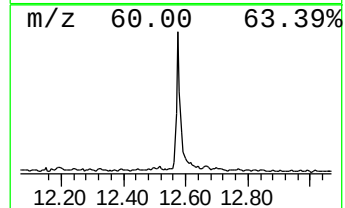
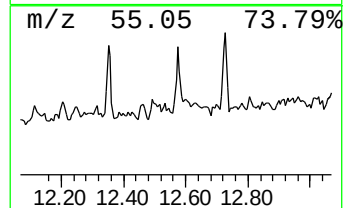
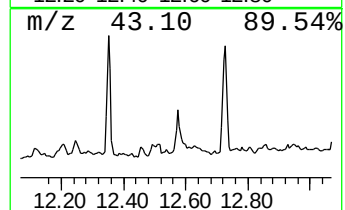
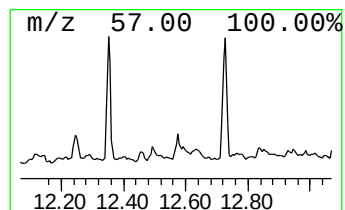
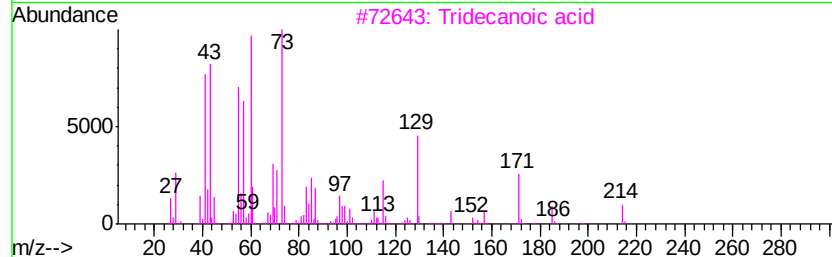
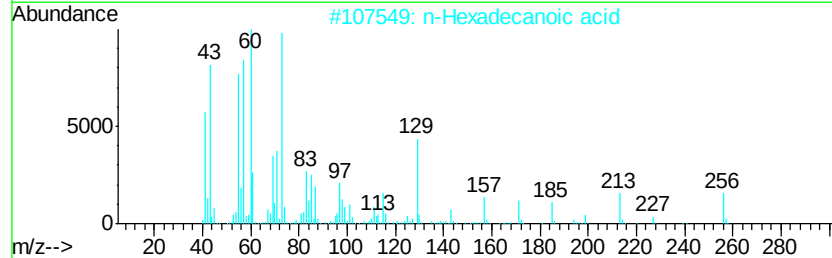
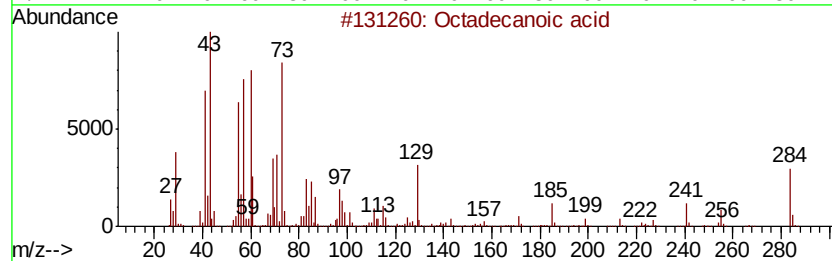
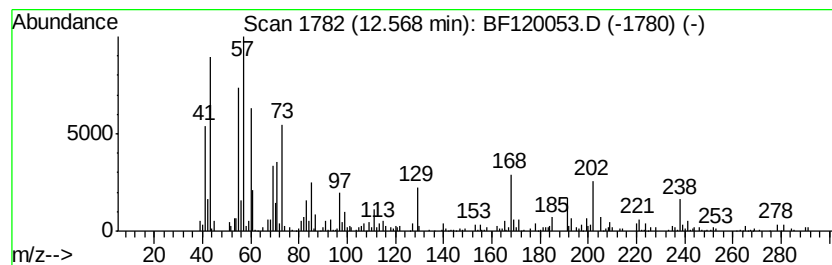
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Octadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	5.05 ng	383080	Phenanthrene-d10	11.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	93
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	64
3			Tridecanoic acid	214	C13H26O2	000638-53-9	59
4			Undecanoic acid	186	C11H22O2	000112-37-8	50
5			Isopropyl stearate	326	C21H42O2	000112-10-7	50



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

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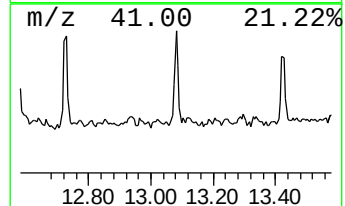
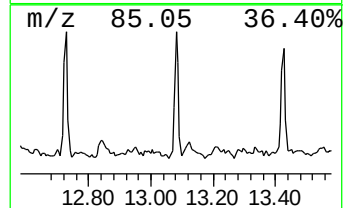
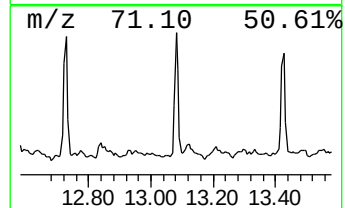
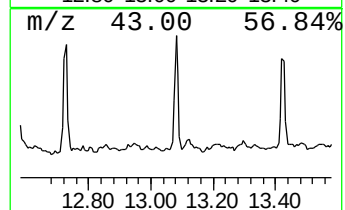
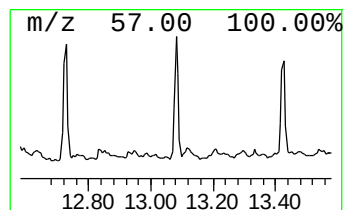
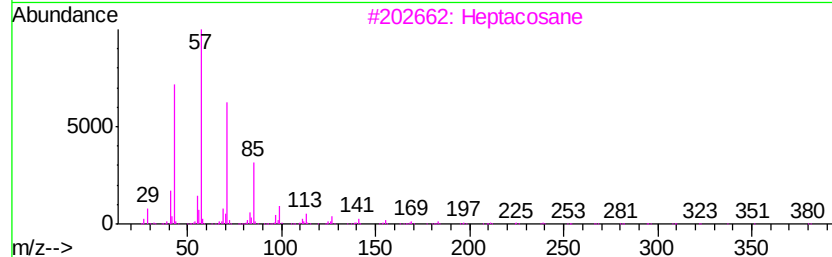
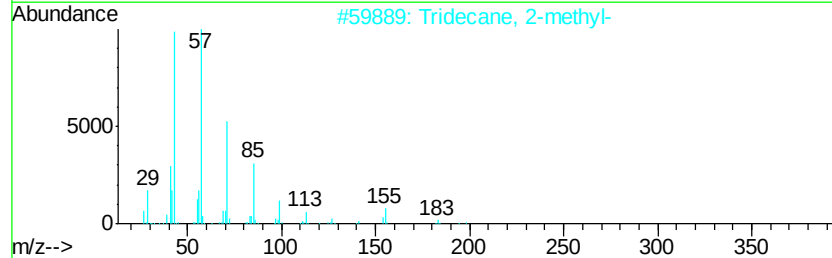
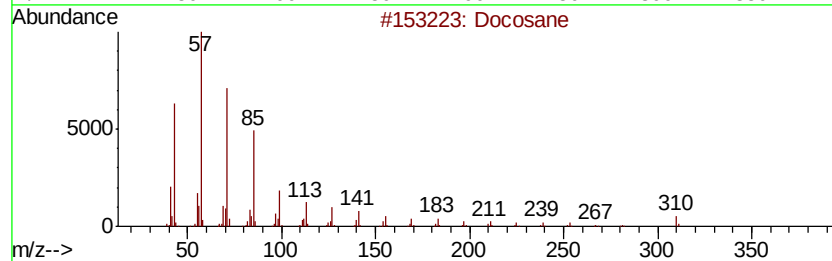
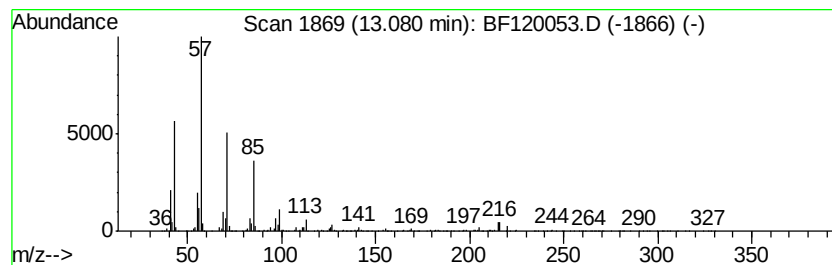
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Docosane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.08	7.10 ng	740473	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Docosane	310	C22H46	000629-97-0	90
2		Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3		Heptacosane	380	C27H56	000593-49-7	87
4		Heneicosane	296	C21H44	000629-94-7	86
5		Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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Misc :
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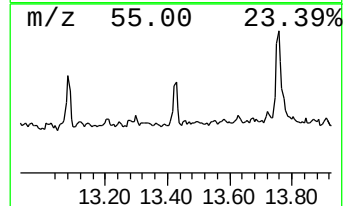
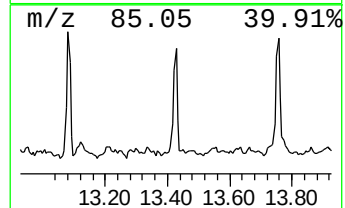
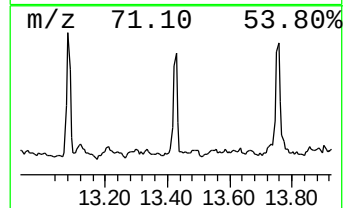
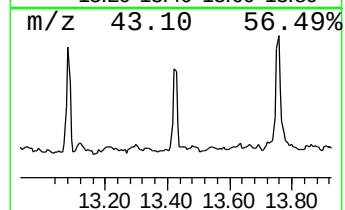
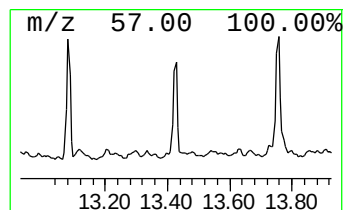
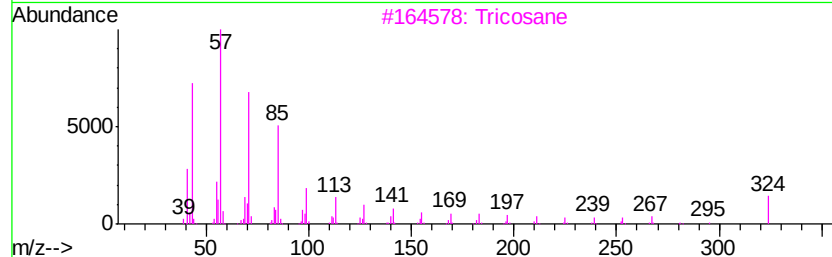
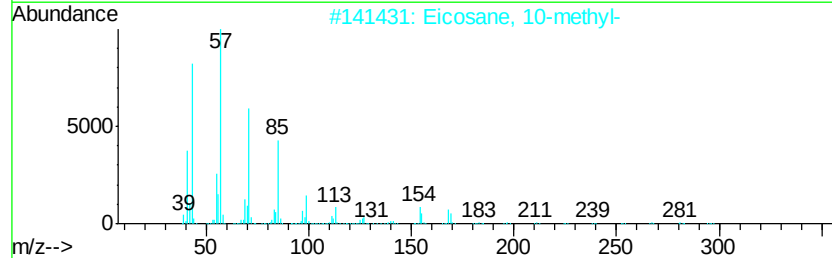
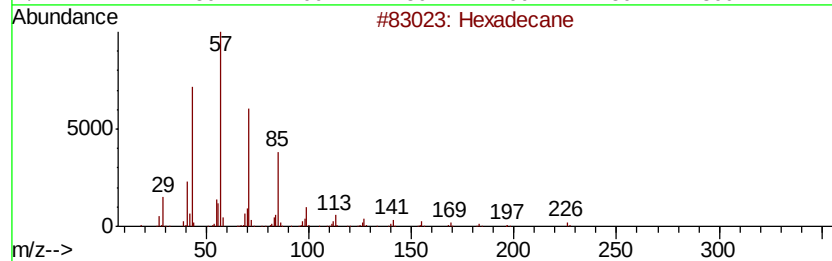
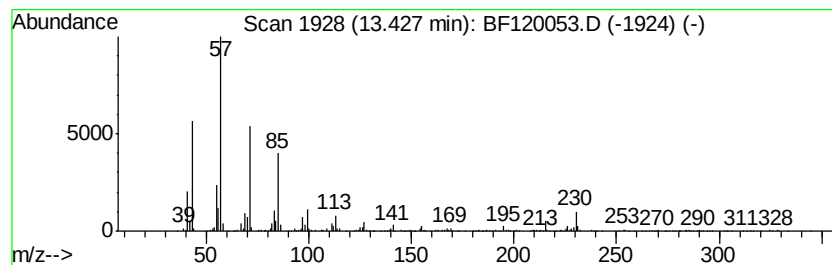
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Eicosane, 10-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.43	4.56 ng	474875	Chrysene-d12	13.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91
3	Tricosane	324	C23H48	000638-67-5	91
4	Heneicosane	296	C21H44	000629-94-7	81
5	Octadecane	254	C18H38	000593-45-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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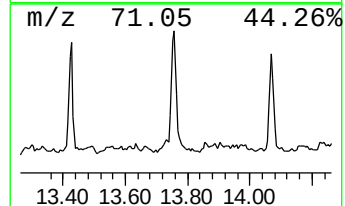
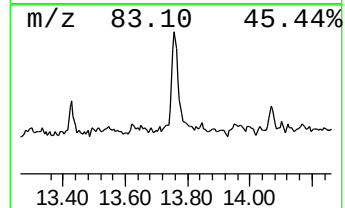
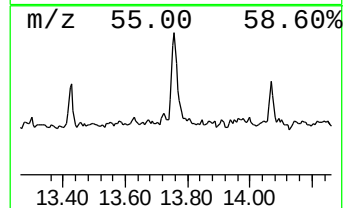
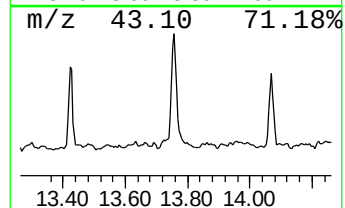
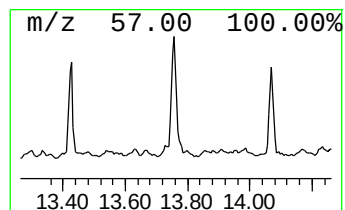
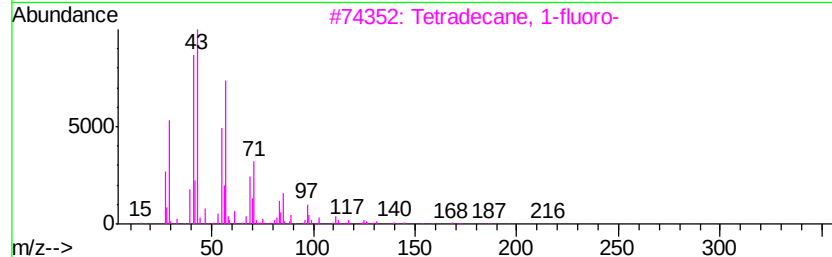
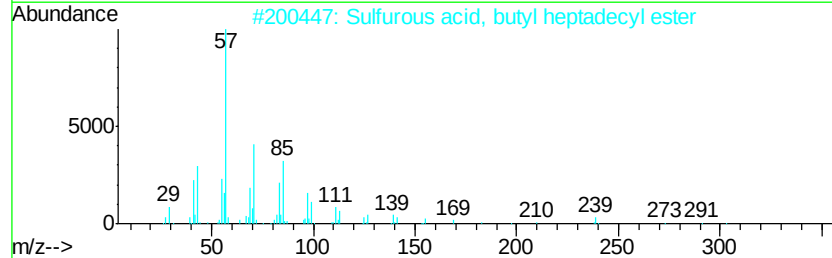
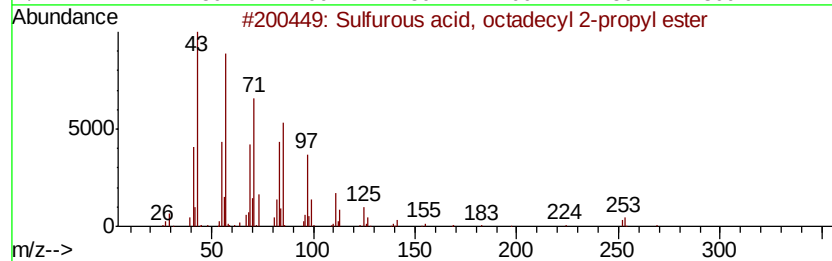
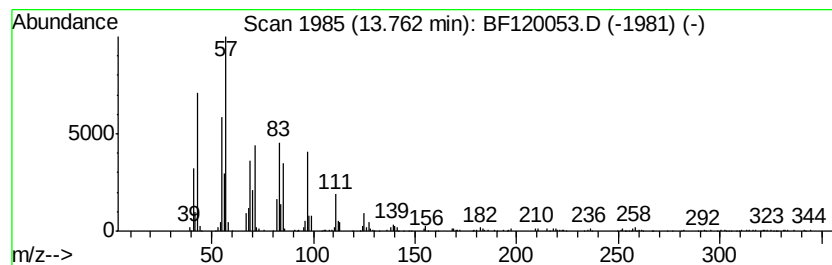
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TIC Library : C:\DATABASE\NIST11.L
 TIC Integration Parameters: LSCINT.P

 Peak Number 17 Sulfurous acid, octadecyl 2... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	8.11 ng	844968	Chrysene-d12	13.90

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	87
2		Sulfurous acid, butyl heptadecyl...	376	C21H44O3S	1000309-18-4	86
3		Tetradecane, 1-fluoro-	216	C14H29F	000593-33-9	86
4		Pentadecane	212	C15H32	000629-62-9	58
5		Tridecane	184	C13H28	000629-50-5	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
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Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

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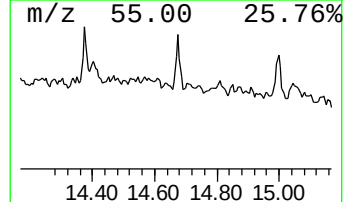
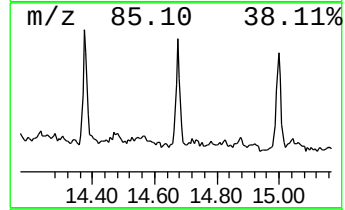
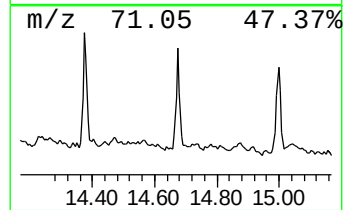
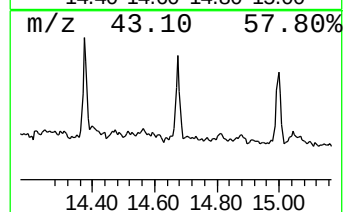
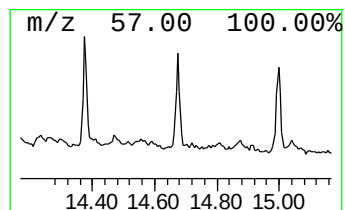
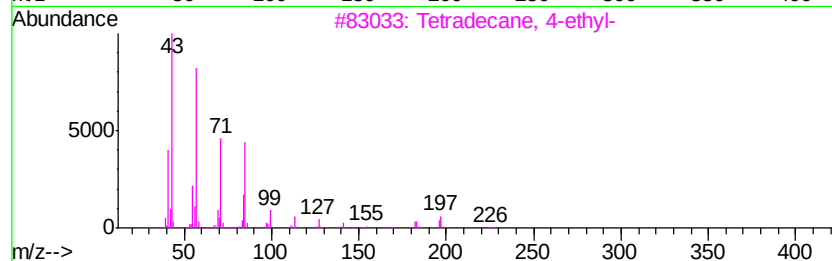
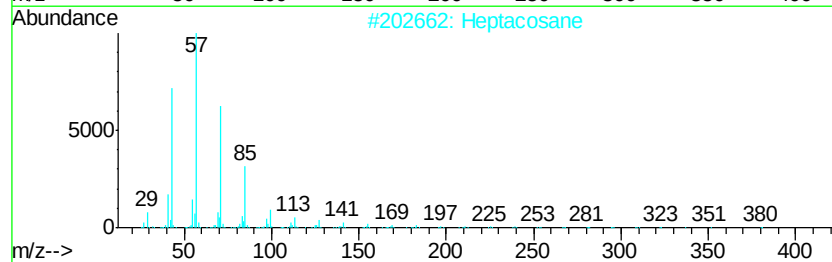
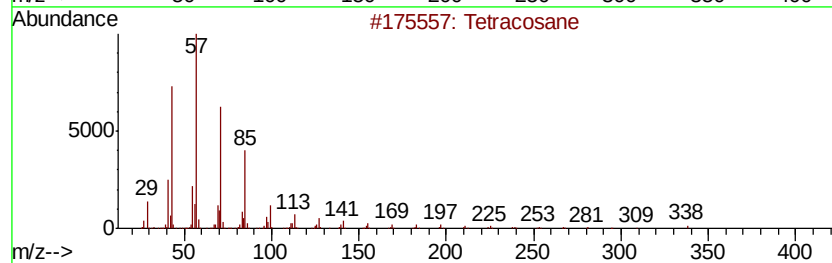
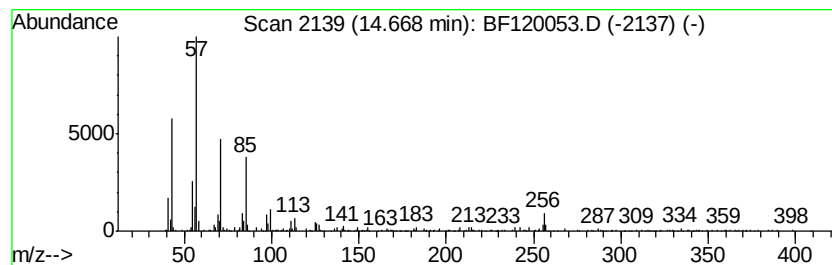
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.67	7.11 ng	316423	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tetracosane	338	C24H50	000646-31-1	87
2			Heptacosane	380	C27H56	000593-49-7	83
3			Tetradecane, 4-ethyl-	226	C16H34	055045-14-2	83
4			Hexadecane	226	C16H34	000544-76-3	83
5			Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	81



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

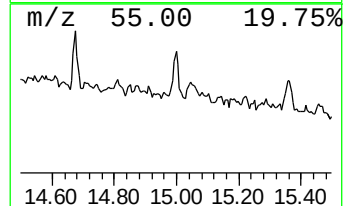
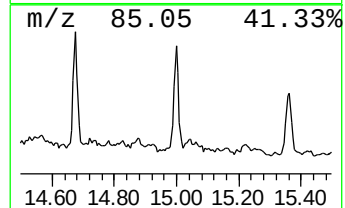
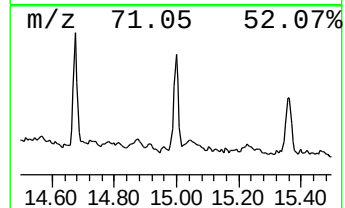
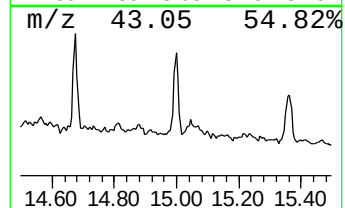
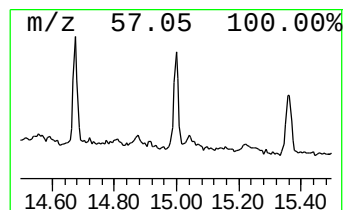
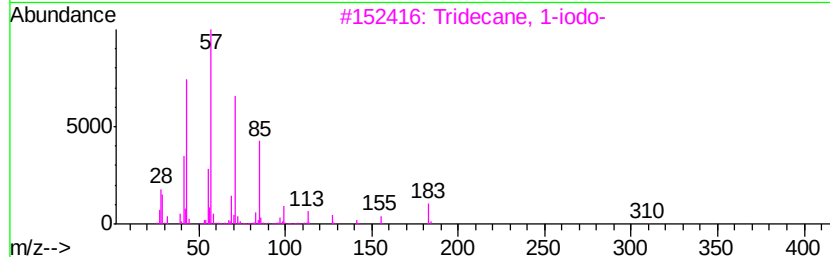
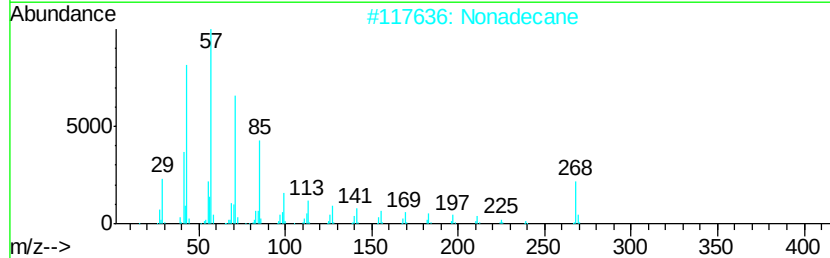
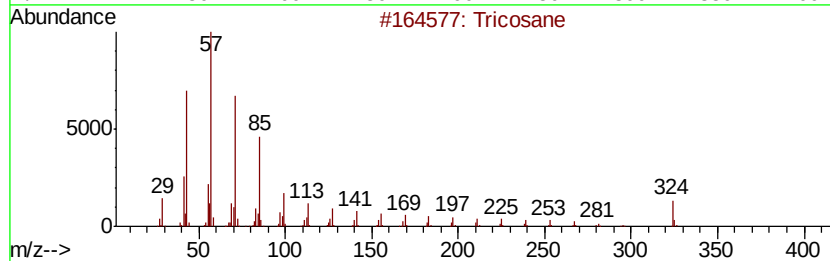
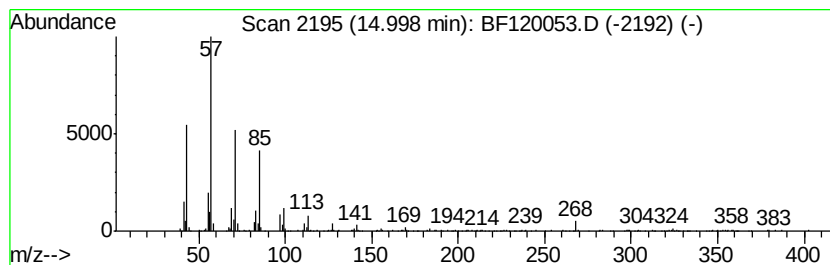
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Tricosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.00	5.81 ng	258403	Perylene-d12	15.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricosane	324	C23H48	000638-67-5	90
2			Nonadecane	268	C19H40	000629-92-5	87
3			Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4			3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
5			Hexadecane	226	C16H34	000544-76-3	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041720\
Data File : BF120053.D
Acq On : 17 Apr 2020 12:32
Operator : MA/SJ
Sample : L2245-38
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-5-13-14

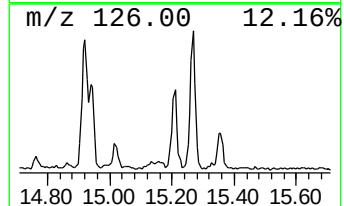
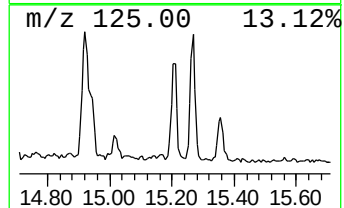
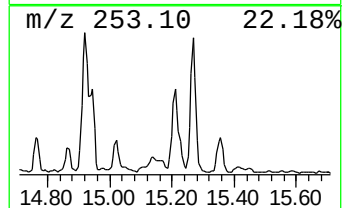
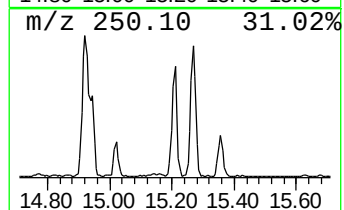
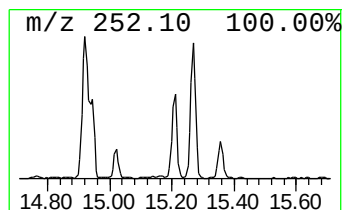
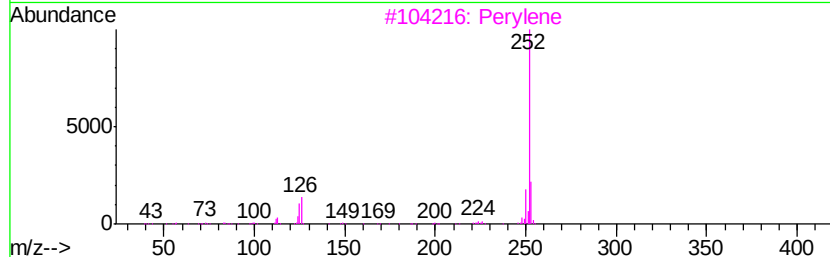
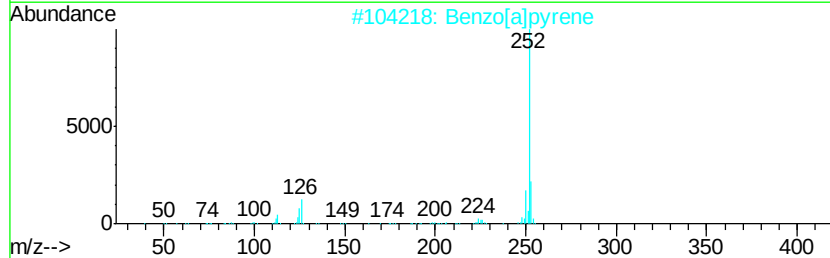
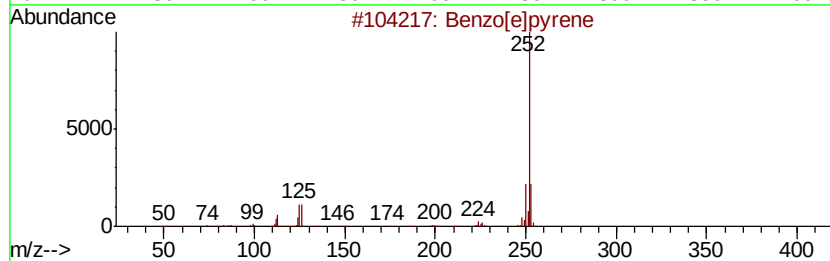
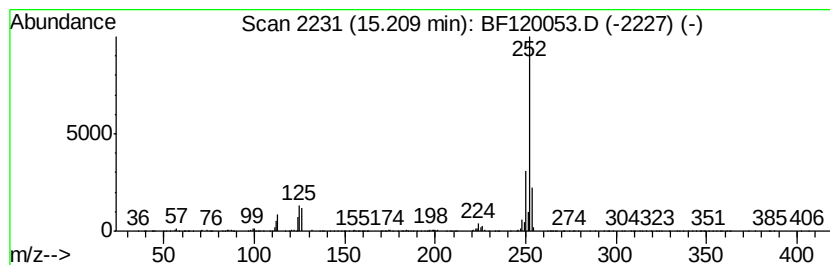
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.21	16.45 ng	732124	Perylene-d12	15.33

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[a]pyrene	252	C20H12	000050-32-8	98
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041720\
 Data File : BF120053.D
 Acq On : 17 Apr 2020 12:32
 Operator : MA/SJ
 Sample : L2245-38
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-5-13-14

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecane	9.17	7.2 ng		644299	3	9.77	1794850	20.0
Hexadecane	9.70	7.4 ng		666414	3	9.77	1794850	20.0
Pentadecane	10.20	8.5 ng		760047	3	9.77	1794850	20.0
Undecane, 2,5-dim...	10.43	4.7 ng		419876	3	9.77	1794850	20.0
Dodecane, 2-methy...	10.68	15.0 ng		1140090	4	11.26	1517030	20.0
Octadecane	11.13	9.3 ng		706415	4	11.26	1517030	20.0
3-Methyl-4-(metho...	11.16	6.8 ng		514979	4	11.26	1517030	20.0
Eicosane	11.56	7.6 ng		574113	4	11.26	1517030	20.0
Tridecanoic acid	11.79	16.9 ng		1282450	4	11.26	1517030	20.0
4H-Cyclopenta[def...	11.87	10.4 ng		787382	4	11.26	1517030	20.0
Heneicosane	11.97	6.2 ng		469757	4	11.26	1517030	20.0
Heptadecane	12.35	9.3 ng		707528	4	11.26	1517030	20.0
Octadecanoic acid	12.57	5.0 ng		383080	4	11.26	1517030	20.0
Docosane	13.08	7.1 ng		740473	5	13.90	2084880	20.0
Eicosane, 10-methyl-	13.43	4.6 ng		474875	5	13.90	2084880	20.0
Sulfurous acid, o...	13.76	8.1 ng		844968	5	13.90	2084880	20.0
Tetracosane	14.67	7.1 ng		316423	6	15.33	890140	20.0
Tricosane	15.00	5.8 ng		258403	6	15.33	890140	20.0
Benzo[e]pyrene	15.21	16.4 ng		732124	6	15.33	890140	20.0