

Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
 Data File : BF103131.D
 Acq On : 21 Feb 2018 12:57
 Operator : SJ/JU
 Sample : J1403-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-022018

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:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M

Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	2.128	3	7	17	rVB	763629	968575	4.83%	0.812%
2	5.498	575	580	583	rBV	3340544	3233918	16.13%	2.710%
3	6.510	747	752	757	rBV	2914869	3053133	15.23%	2.559%
4	6.645	771	775	779	rBV	3346001	3166598	15.80%	2.654%
5	6.698	781	784	788	rBV	320094	299335	1.49%	0.251%
6	6.875	811	814	817	rBV	1170583	923953	4.61%	0.774%
7	7.034	835	841	844	rBV	2380029	2292780	11.44%	1.921%
8	7.140	854	859	862	rBV4	182829	249606	1.25%	0.209%
9	7.440	906	910	912	rVV	2309767	2108684	10.52%	1.767%
10	7.463	912	914	918	rVV	805663	609252	3.04%	0.511%
11	7.828	974	976	980	rVV3	206198	252031	1.26%	0.211%
12	7.892	985	987	990	rVV3	360521	433829	2.16%	0.364%
13	8.128	1024	1027	1030	rVV	982886	1031347	5.15%	0.864%
14	8.157	1030	1032	1034	rVV	1419718	1258463	6.28%	1.055%
15	8.181	1034	1036	1038	rVV	1769711	1381175	6.89%	1.157%
16	8.210	1038	1041	1043	rVB2	385206	376854	1.88%	0.316%
17	8.445	1077	1081	1085	rVB4	367583	432736	2.16%	0.363%
18	8.504	1085	1091	1093	rBV4	183123	279522	1.39%	0.234%
19	8.569	1099	1102	1104	rVB2	388072	356435	1.78%	0.299%
20	8.657	1114	1117	1120	rBV	525807	436030	2.18%	0.365%
21	8.739	1128	1131	1135	rBV	1452943	1153146	5.75%	0.966%
22	8.816	1142	1144	1146	rVV2	224086	242442	1.21%	0.203%
23	8.869	1150	1153	1156	rVB	1195997	954499	4.76%	0.800%
24	8.969	1166	1170	1174	rBV2	954574	1016386	5.07%	0.852%
25	9.069	1183	1187	1189	rVB3	180176	247530	1.23%	0.207%
26	9.098	1189	1192	1197	rBV3	358448	448862	2.24%	0.376%
27	9.169	1201	1204	1206	rVB	431127	300961	1.50%	0.252%
28	9.228	1211	1214	1218	rBV	2591208	2394212	11.94%	2.006%
29	9.304	1223	1227	1230	rBV	1723359	1432043	7.14%	1.200%
30	9.334	1230	1232	1237	rVV2	174073	212077	1.06%	0.178%
31	9.381	1237	1240	1242	rVB	339675	283807	1.42%	0.238%
32	9.492	1256	1259	1264	rVB2	418443	553797	2.76%	0.464%
33	9.569	1264	1272	1275	rBV4	581049	1026950	5.12%	0.861%
34	9.622	1278	1281	1284	rBV4	565578	603262	3.01%	0.506%

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35	9.686	1289	1292	1294	rVV3	449949	437020	2.18%	0.366%
36	9.775	1303	1307	1310	rBV	790855	705694	3.52%	0.591%
37	9.834	1314	1317	1320	rVV	1696464	1352476	6.75%	1.133%
38	9.892	1325	1327	1328	rVV	245942	212034	1.06%	0.178%
39	9.916	1328	1331	1333	rVV	1100576	1048394	5.23%	0.879%
40	9.945	1333	1336	1339	rVV	659286	560432	2.80%	0.470%
41	10.069	1352	1357	1359	rBV3	227794	343381	1.71%	0.288%
42	10.116	1362	1365	1368	rVB2	829461	776487	3.87%	0.651%
43	10.151	1368	1371	1375	rBV2	457878	470810	2.35%	0.395%
44	10.228	1380	1384	1387	rBV4	230226	316762	1.58%	0.265%
45	10.333	1396	1402	1405	rBV	1729871	1506121	7.51%	1.262%
46	10.463	1420	1424	1431	rVV	1278838	1197224	5.97%	1.003%
47	10.551	1433	1439	1441	rVV2	542720	700338	3.49%	0.587%
48	10.604	1445	1448	1452	rBV3	207023	310011	1.55%	0.260%
49	10.675	1457	1460	1462	rBV2	211907	223407	1.11%	0.187%
50	10.704	1462	1465	1469	rVB	1432555	1361003	6.79%	1.141%
51	10.804	1479	1482	1491	rVB	1432181	1773137	8.85%	1.486%
52	10.998	1512	1515	1519	rBV3	259126	435505	2.17%	0.365%
53	11.033	1519	1521	1524	rVB2	256092	220278	1.10%	0.185%
54	11.092	1528	1531	1534	rVB	234357	203375	1.01%	0.170%
55	11.251	1555	1558	1561	rBV	1171338	1014480	5.06%	0.850%
56	11.280	1561	1563	1565	rBV	355667	359130	1.79%	0.301%
57	11.404	1580	1584	1586	rBV	949914	1076889	5.37%	0.902%
58	11.433	1586	1589	1592	rVV	3031171	2946917	14.70%	2.470%
59	11.480	1593	1597	1599	rVV	1068131	887351	4.43%	0.744%
60	11.633	1620	1623	1628	rVV	401483	364458	1.82%	0.305%
61	11.680	1628	1631	1634	rBV	934420	806412	4.02%	0.676%
62	11.792	1645	1650	1653	rBV	6354315	8501718	42.41%	7.125%
63	11.904	1666	1669	1671	rBV	408328	351641	1.75%	0.295%
64	11.933	1671	1674	1679	rVB	956137	861602	4.30%	0.722%
65	11.980	1679	1682	1685	rBV2	237989	228424	1.14%	0.191%
66	12.016	1685	1688	1691	rBV2	627535	687000	3.43%	0.576%
67	12.086	1696	1700	1702	rBV	812301	717435	3.58%	0.601%
68	12.198	1714	1719	1722	rVV2	279179	404495	2.02%	0.339%
69	12.233	1722	1725	1736	rVB6	137005	281366	1.40%	0.236%
70	12.504	1759	1771	1773	rBV3	6661246	20044846	100.00%	16.798%
71	12.586	1781	1785	1788	rVB	4503503	4390768	21.90%	3.680%

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72	12.627	1788	1792	1794	rBV	2830982	3188370	15.91%	2.672%
73	12.716	1804	1807	1812	rVB	719037	672332	3.35%	0.563%
74	12.816	1820	1824	1826	rBV	952758	847566	4.23%	0.710%
75	12.857	1826	1831	1837	rVB	2130881	3035239	15.14%	2.544%
76	12.992	1849	1854	1856	rBV	1815065	1724803	8.60%	1.445%
77	13.069	1864	1867	1870	rBV3	201521	330759	1.65%	0.277%
78	13.139	1876	1879	1881	rBV	1188713	1170517	5.84%	0.981%
79	13.180	1884	1886	1888	rVV	691123	676212	3.37%	0.567%
80	13.204	1888	1890	1892	rVV2	657605	726201	3.62%	0.609%
81	13.222	1892	1893	1895	rVV	801063	631273	3.15%	0.529%
82	13.245	1895	1897	1900	rVB	522978	445274	2.22%	0.373%
83	13.304	1901	1907	1910	rBV3	775526	945997	4.72%	0.793%
84	13.410	1922	1925	1930	rVV3	246547	349061	1.74%	0.293%
85	13.463	1930	1934	1941	rVB5	223076	455289	2.27%	0.382%
86	13.727	1976	1979	1985	rVB3	280692	420209	2.10%	0.352%
87	13.798	1988	1991	1993	rBV	203331	204070	1.02%	0.171%
88	13.874	2001	2004	2006	rVB3	273532	283746	1.42%	0.238%
89	13.969	2017	2020	2025	rVB	763516	683647	3.41%	0.573%
90	14.045	2028	2033	2036	rVV2	1538525	2360897	11.78%	1.979%
91	14.074	2036	2038	2046	rVB	1158703	1122466	5.60%	0.941%
92	14.192	2055	2058	2064	rBV3	252515	294376	1.47%	0.247%
93	14.498	2106	2110	2115	rVB4	280340	445059	2.22%	0.373%
94	14.592	2123	2126	2129	rVB2	309917	295256	1.47%	0.247%
95	14.939	2180	2185	2194	rBV	1192420	1780292	8.88%	1.492%
96	15.110	2210	2214	2217	rBV	803531	1297611	6.47%	1.087%
97	15.416	2263	2266	2271	rVB	486001	596967	2.98%	0.500%
98	15.480	2273	2277	2282	rBV	752533	985246	4.92%	0.826%
99	15.545	2284	2288	2291	rBV2	623422	812232	4.05%	0.681%
100	17.062	2541	2546	2551	rBV2	242149	451774	2.25%	0.379%

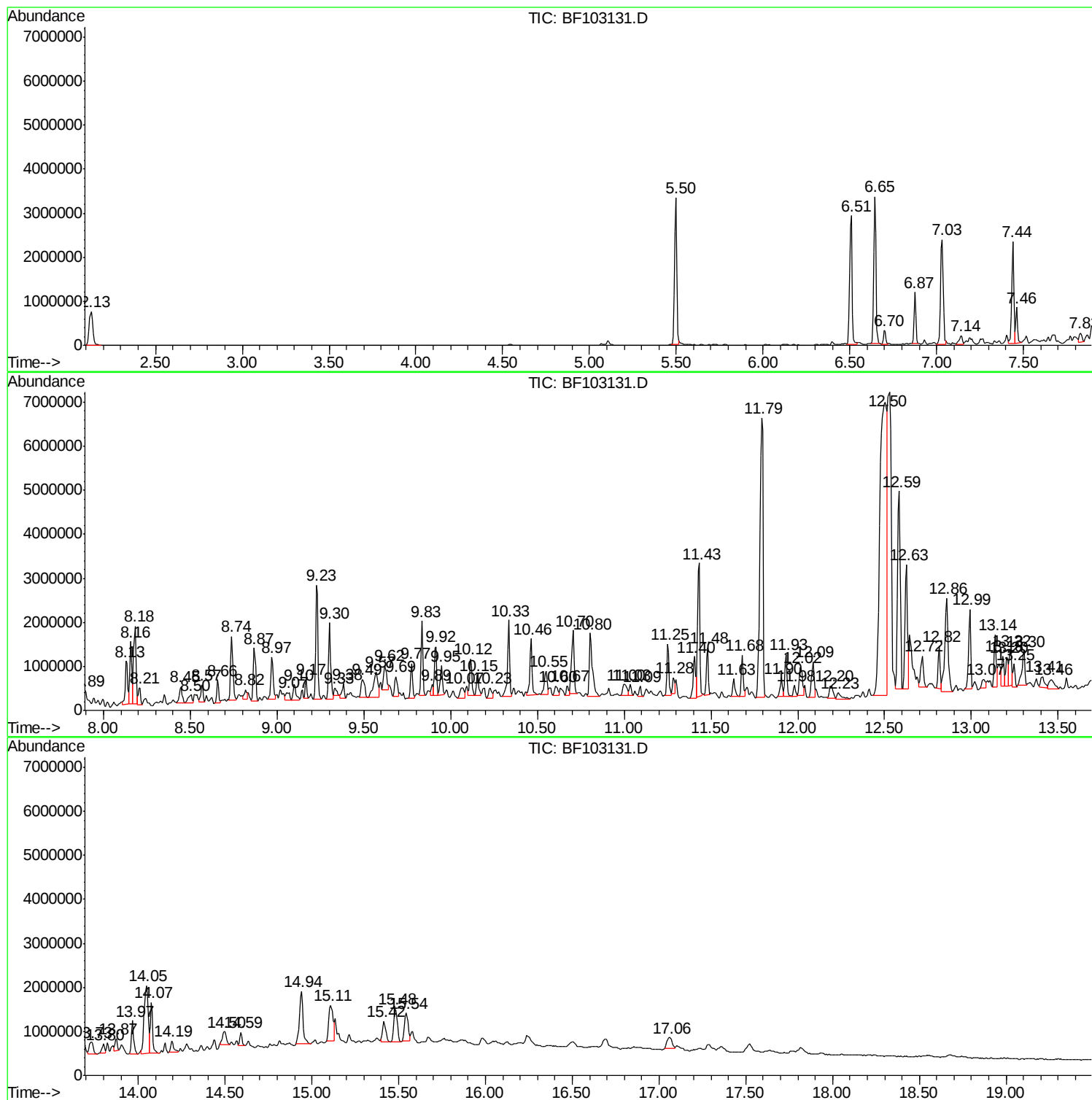
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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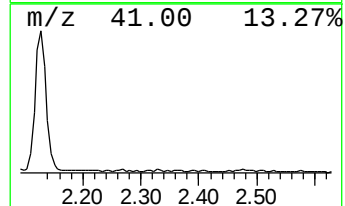
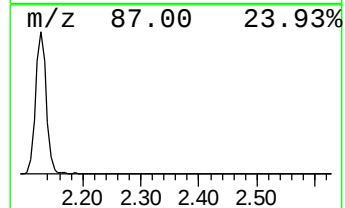
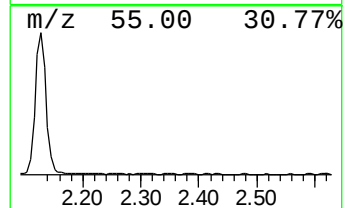
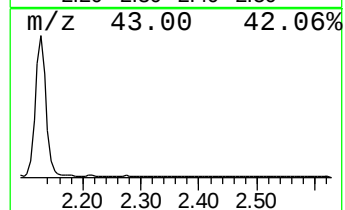
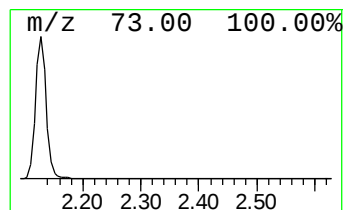
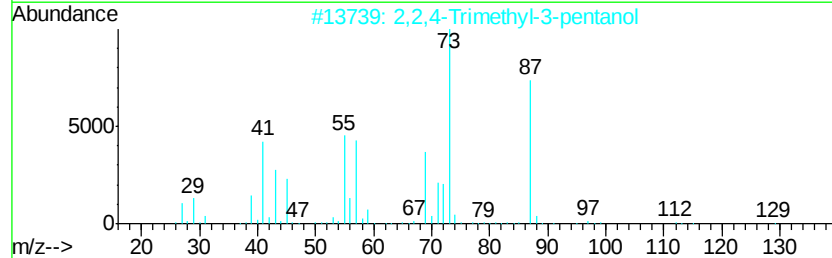
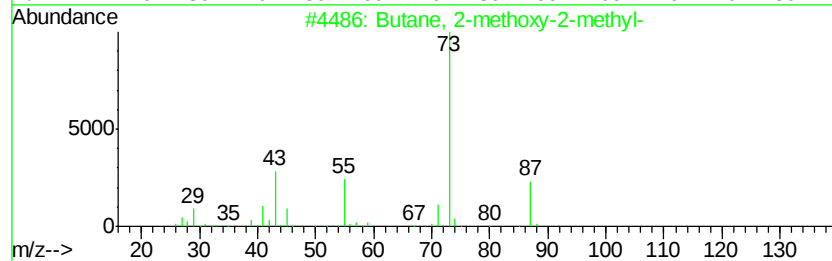
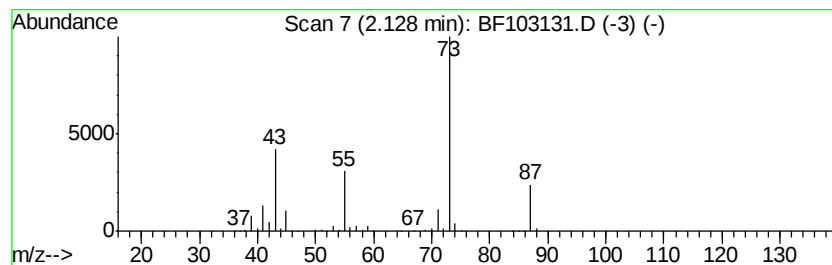
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	20.97 ng	968575	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4		3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	23
5		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12



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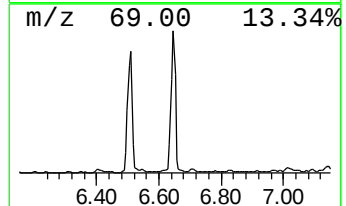
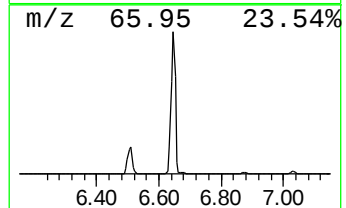
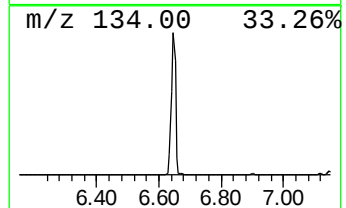
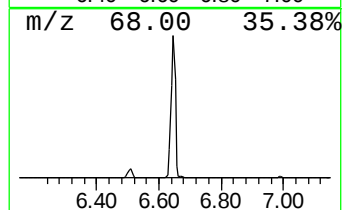
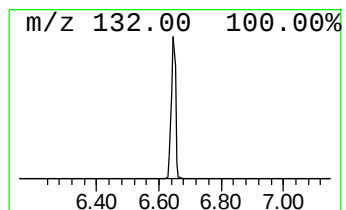
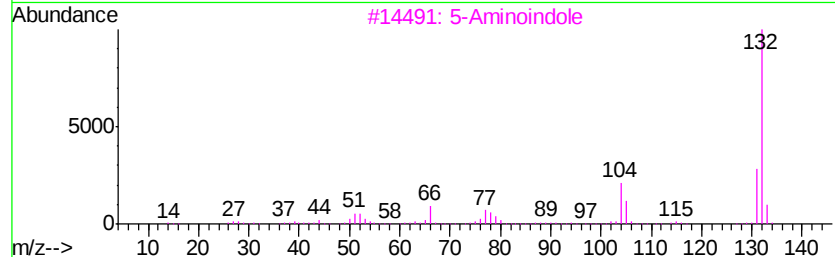
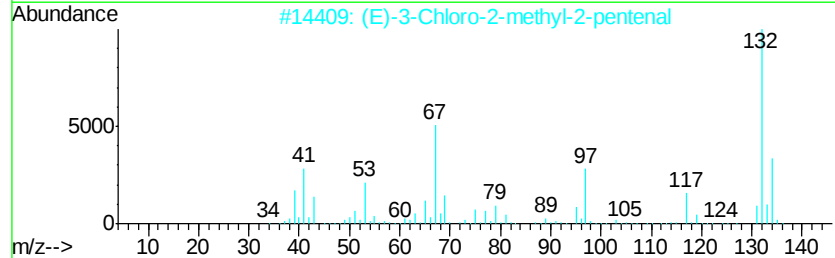
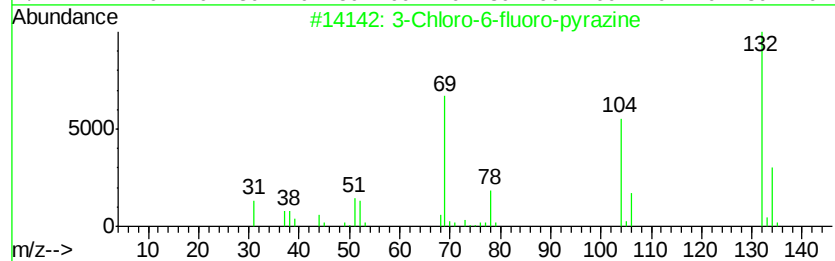
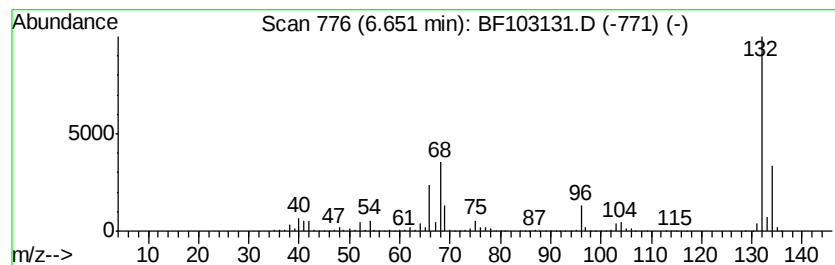
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 unknown6.65 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	68.54 ng	3166600	1,4-Dichlorobenzene-d4	6.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2		(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3		5-Aminoindole	132	C8H8N2	005192-03-0	12
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9



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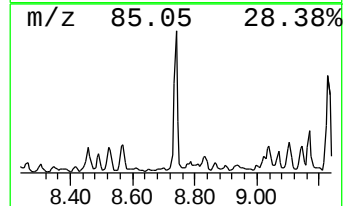
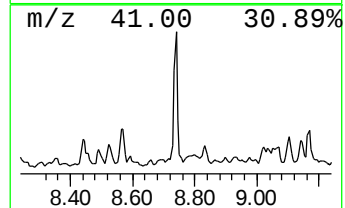
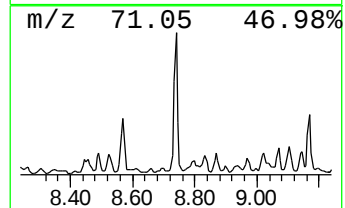
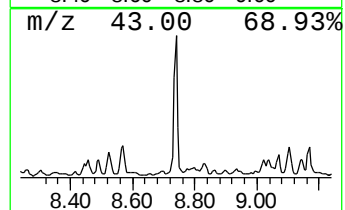
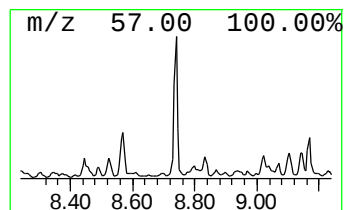
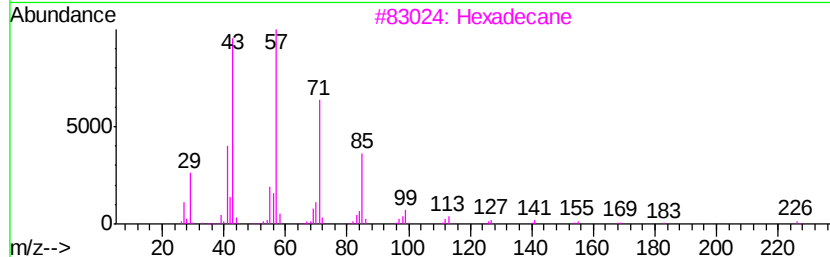
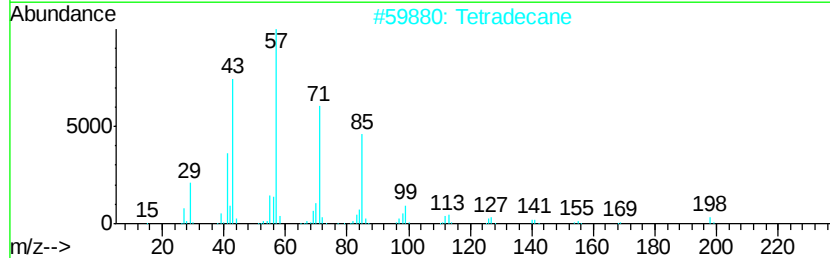
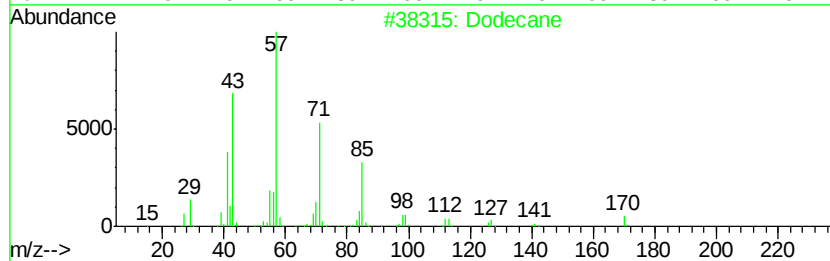
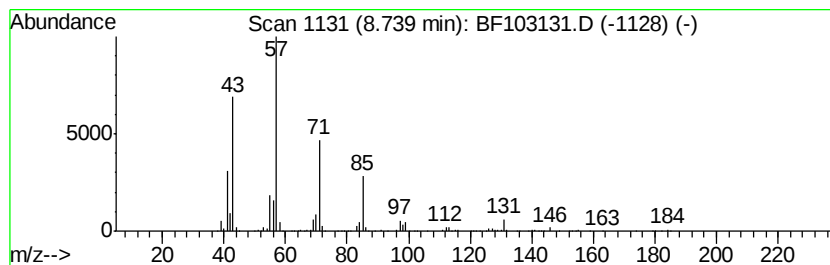
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 Dodecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.74	18.33 ng	1153150	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Dodecane	170	C12H26	000112-40-3	86
2		Tetradecane	198	C14H30	000629-59-4	86
3		Hexadecane	226	C16H34	000544-76-3	78
4		Pentadecane	212	C15H32	000629-62-9	72
5		Undecane	156	C11H24	001120-21-4	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-022018

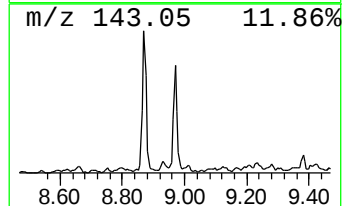
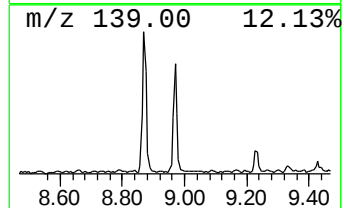
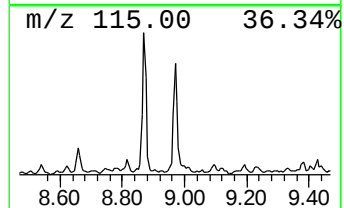
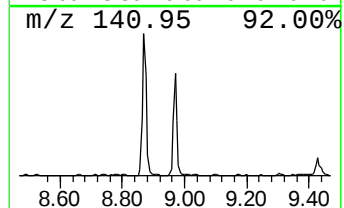
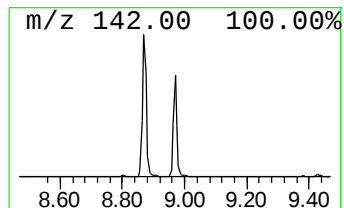
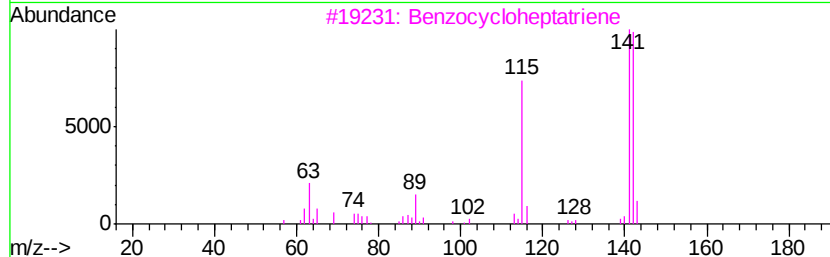
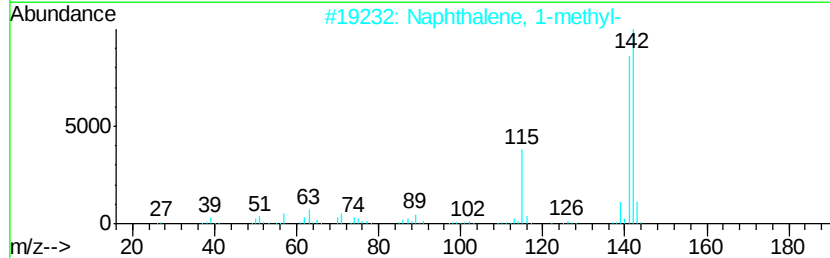
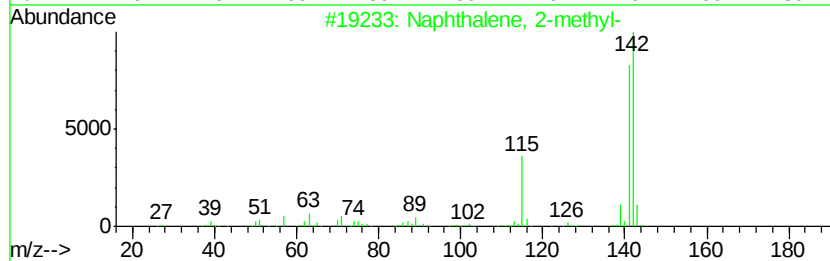
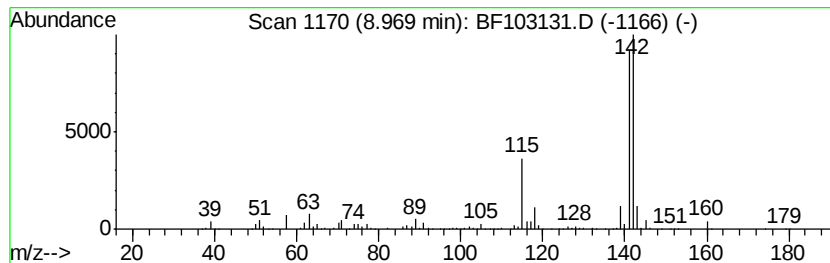
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 Naphthalene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.97	16.15 ng	1016390	Naphthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Bicyclo[4.4.1]undeca-1,3,5,7,9-p...	142	C11H10	002443-46-1	90
5		1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-022018

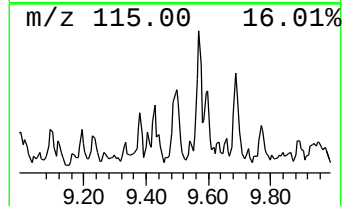
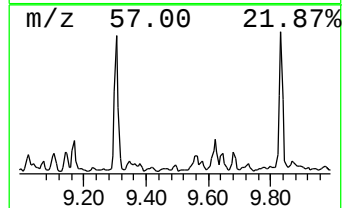
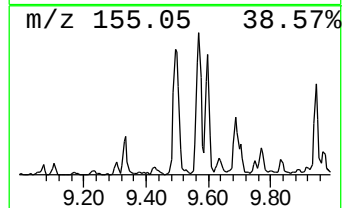
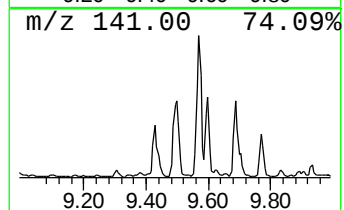
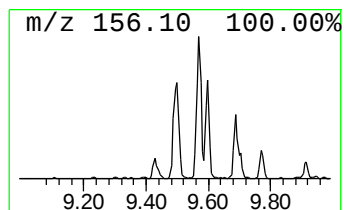
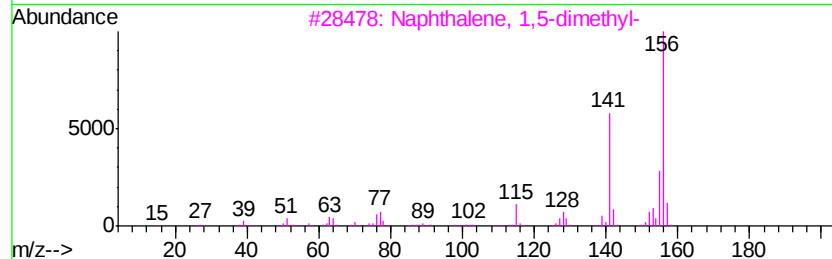
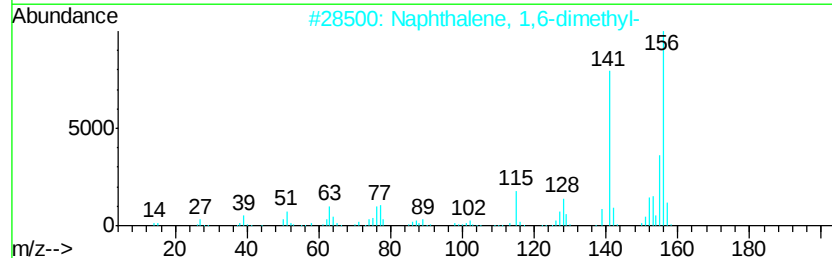
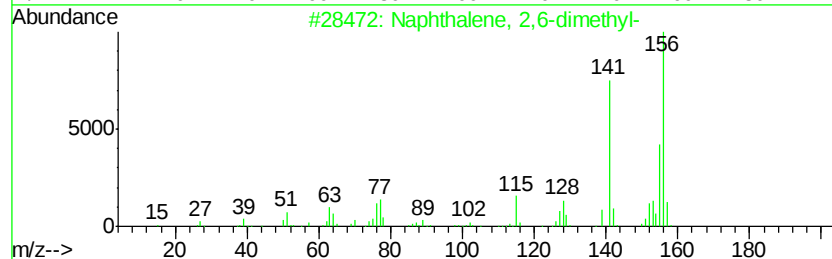
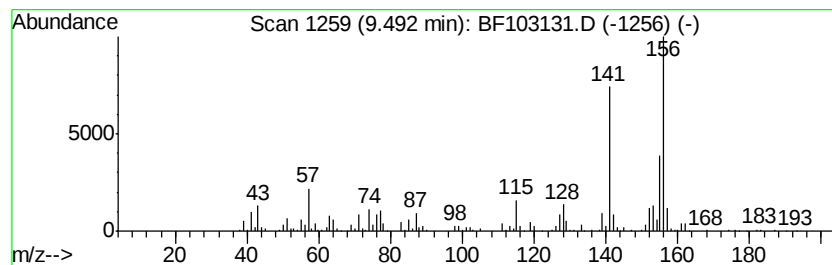
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Naphthalene, 2,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	10.56 ng	553797	Acenaphthene-d10	9.91

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3			Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
4			Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5			Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-022018

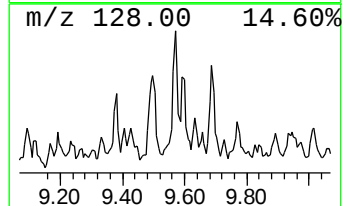
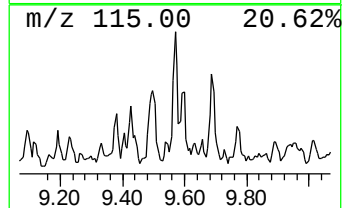
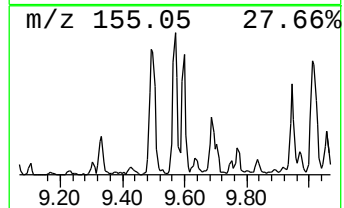
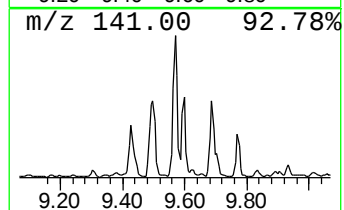
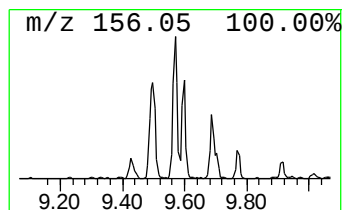
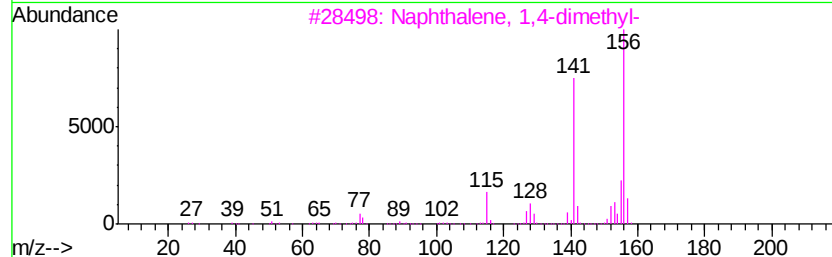
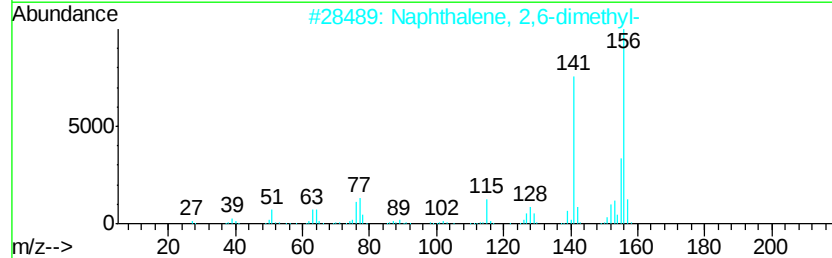
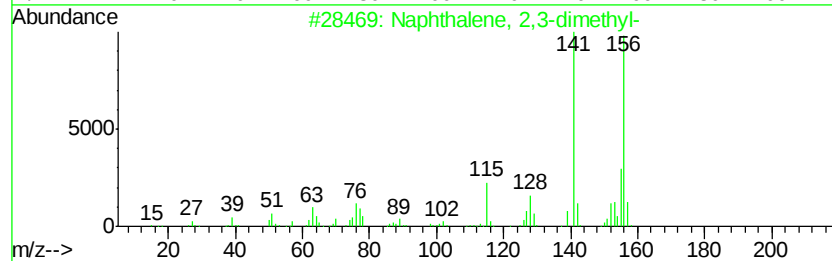
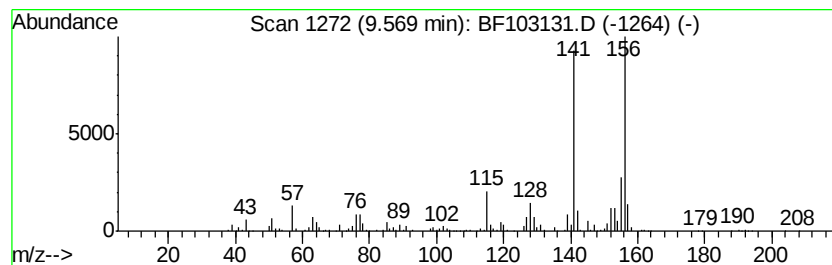
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Naphthalene, 2,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.57	19.59 ng	1026950	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2		Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3		Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
4		Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
5		Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-04-022018

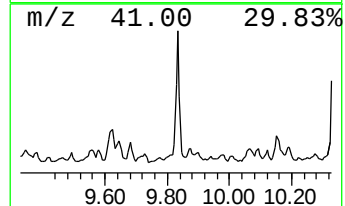
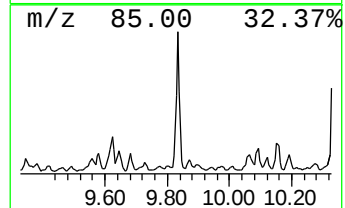
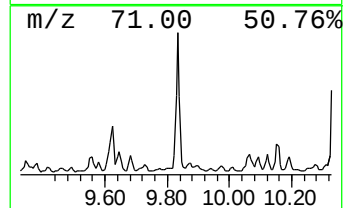
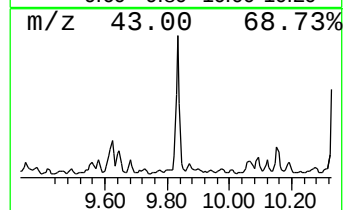
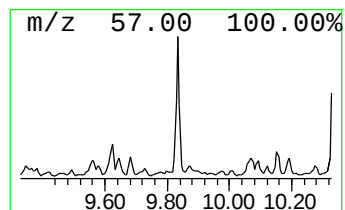
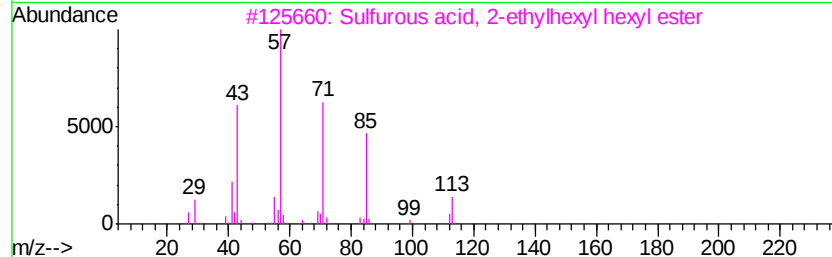
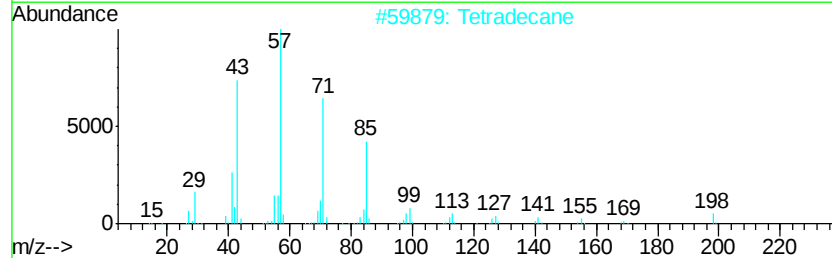
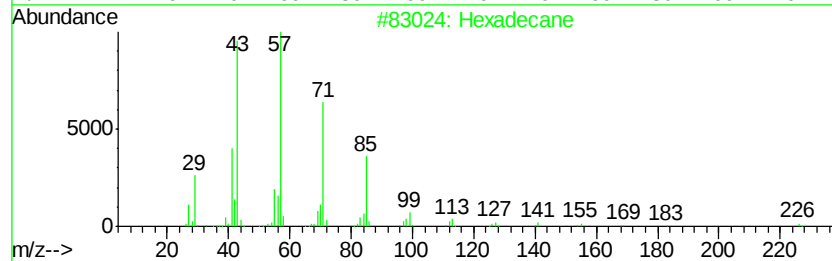
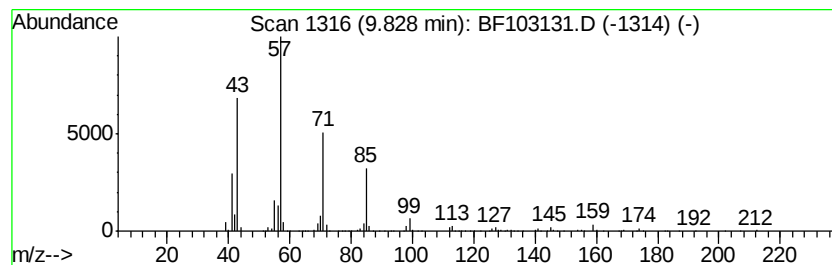
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	25.80 ng	1352480	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane	226	C16H34	000544-76-3	90
2		Tetradecane	198	C14H30	000629-59-4	86
3		Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	80
4		Pentadecane	212	C15H32	000629-62-9	78
5		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
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Misc :
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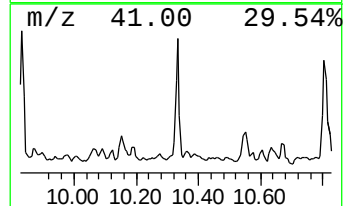
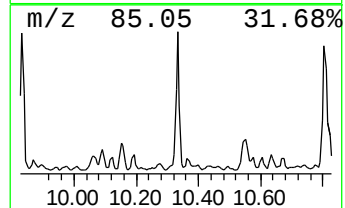
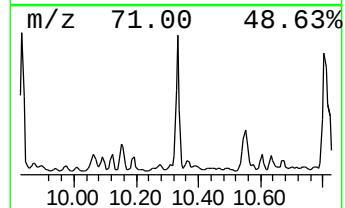
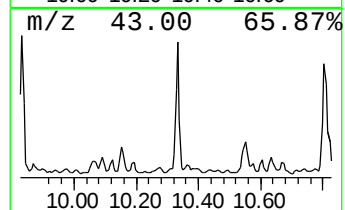
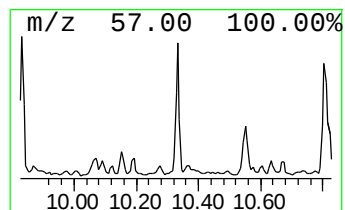
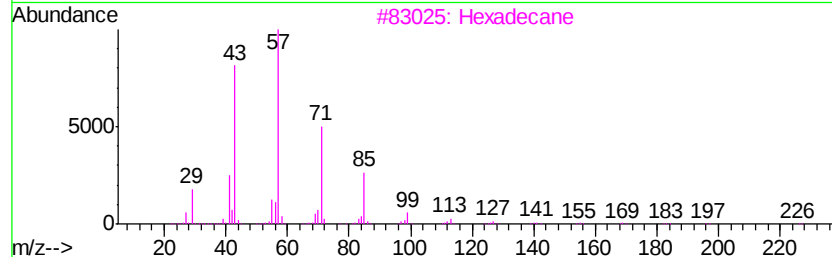
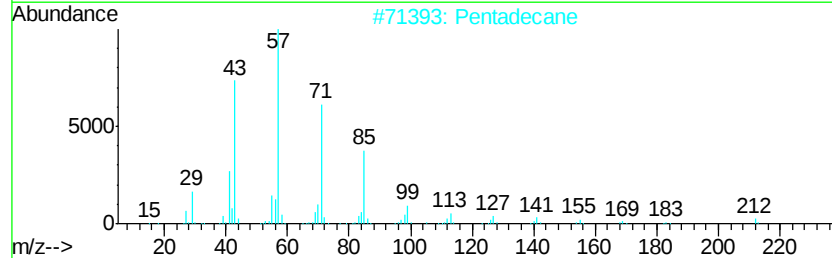
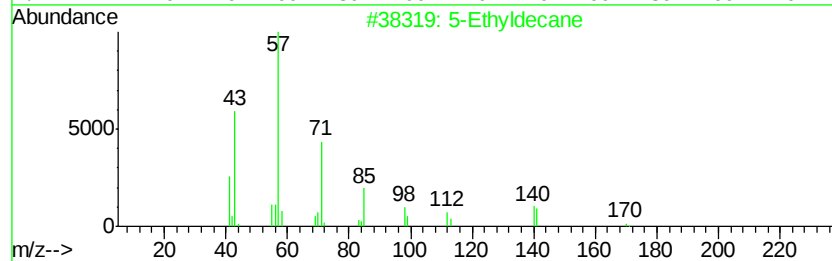
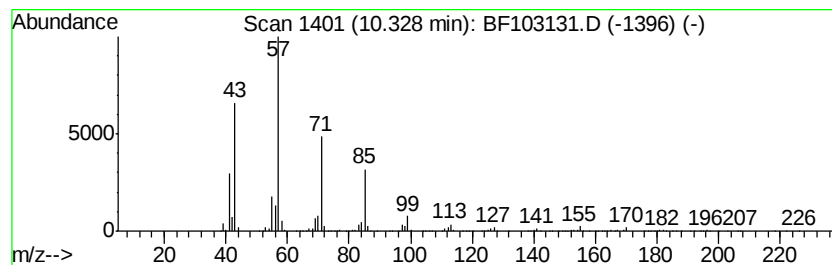
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 5-Ethyldecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	28.73 ng	1506120	Acenaphthene-d10	9.91
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	5-Ethyldecane	170 C12H26	017302-36-2	91
2	Pentadecane	212 C15H32	000629-62-9	90
3	Hexadecane	226 C16H34	000544-76-3	87
4	Tetradecane	198 C14H30	000629-59-4	86
5	Sulfurous acid, 2-propyl tetrade...	320 C17H36O3S	1000309-12-5	80



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
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ClientSampleId :
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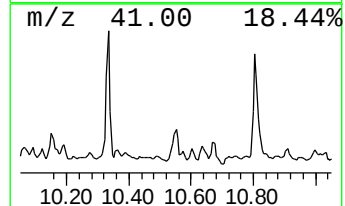
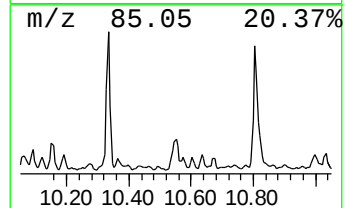
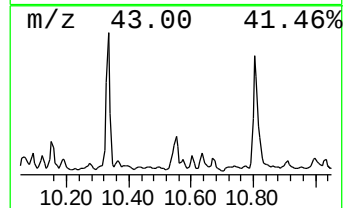
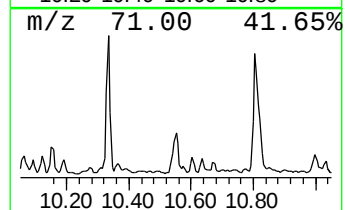
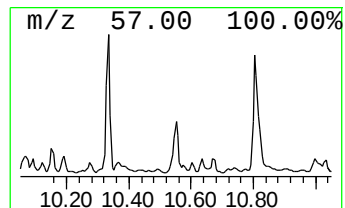
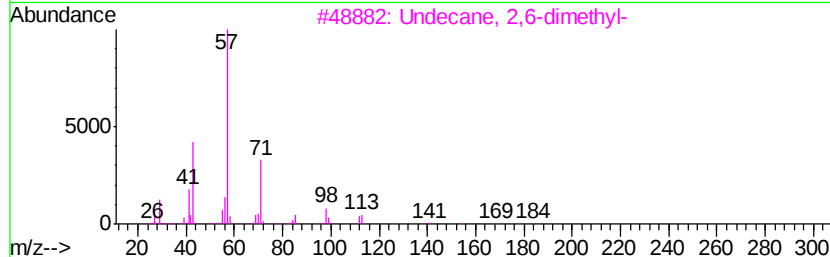
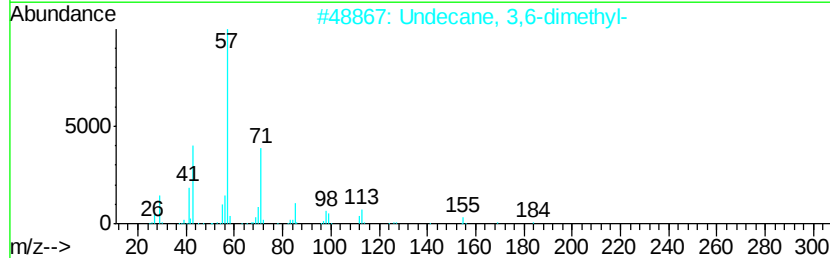
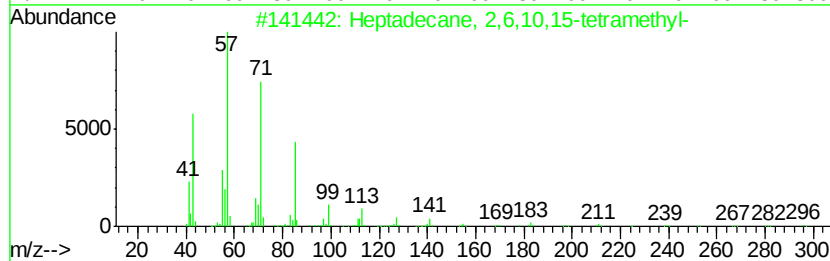
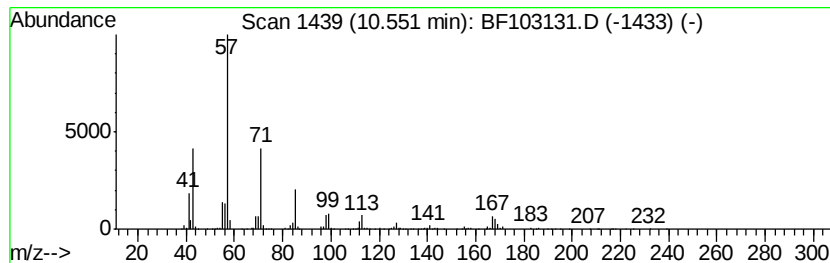
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	13.36 ng	700338	Acenaphthene-d10	9.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64
2		Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	64
3		Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	64
4		Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	64
5		Pentadecane	212	C15H32	000629-62-9	64



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
SU-04-022018

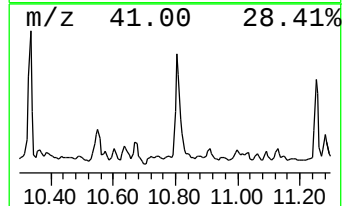
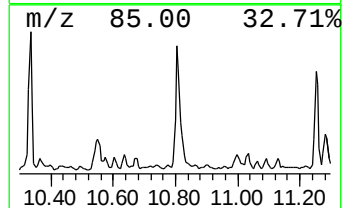
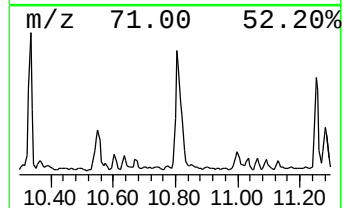
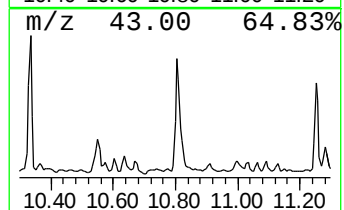
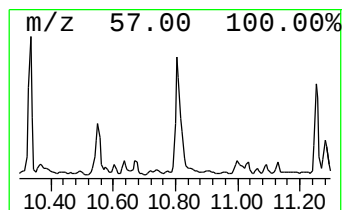
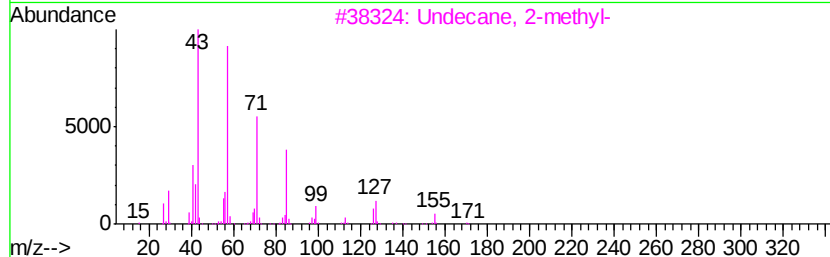
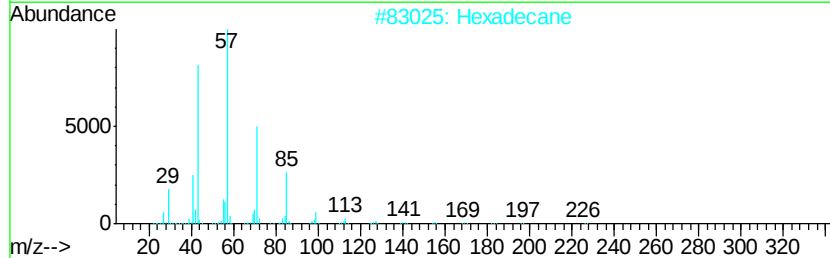
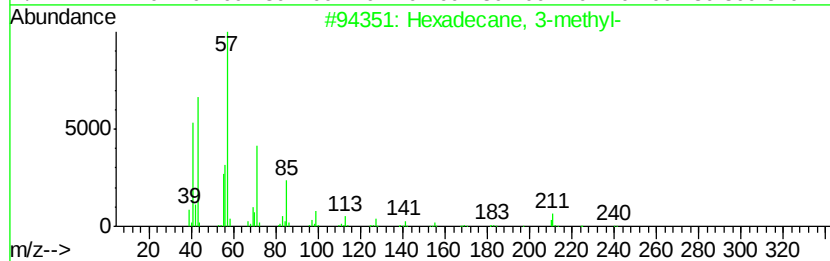
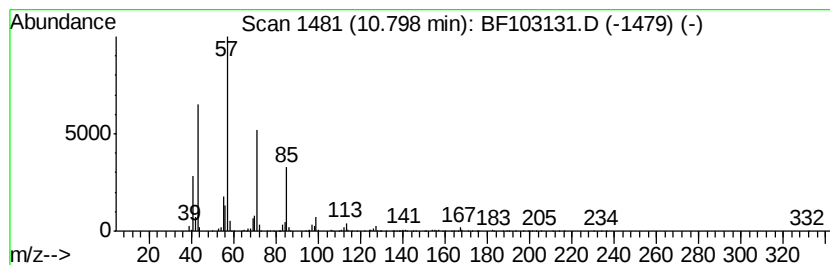
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Hexadecane, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	32.93 ng	1773140	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecane, 3-methyl-	240	C17H36	006418-43-5	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Undecane, 2-methyl-	170	C12H26	007045-71-8	86
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Decane, 5-propyl-	184	C13H28	017312-62-8	83



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-022018

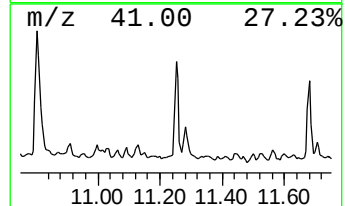
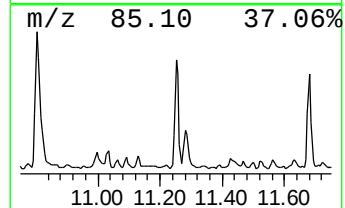
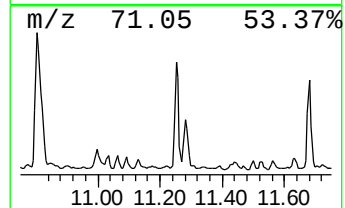
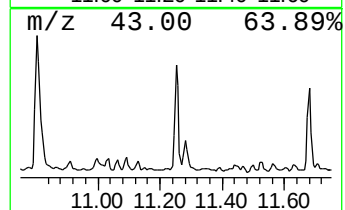
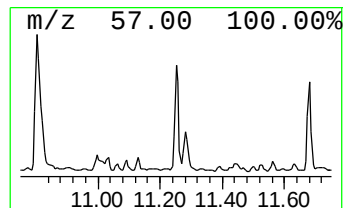
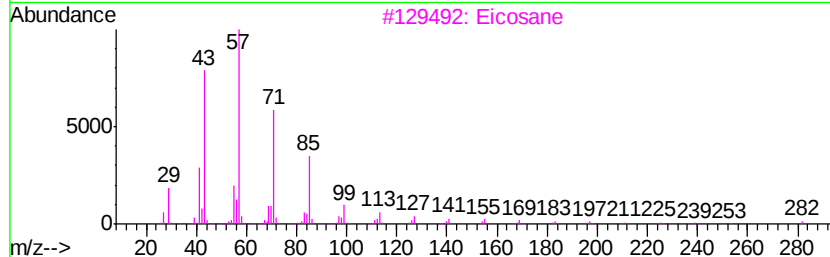
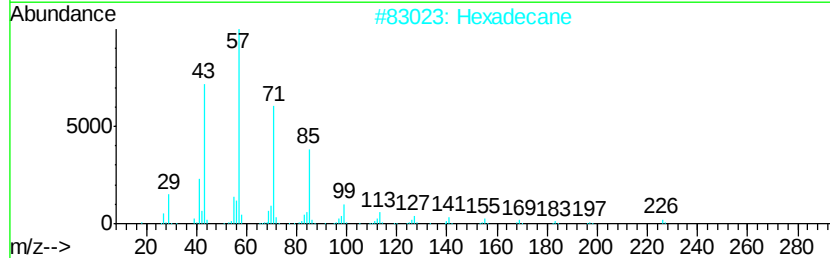
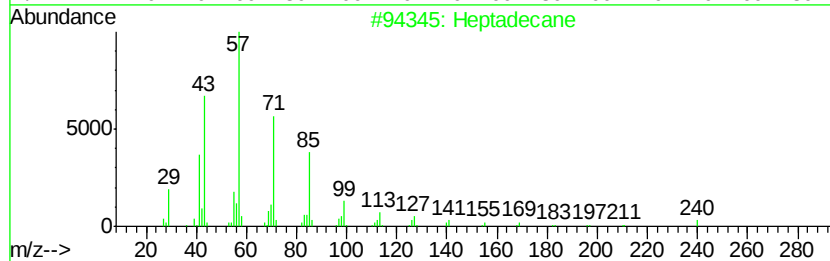
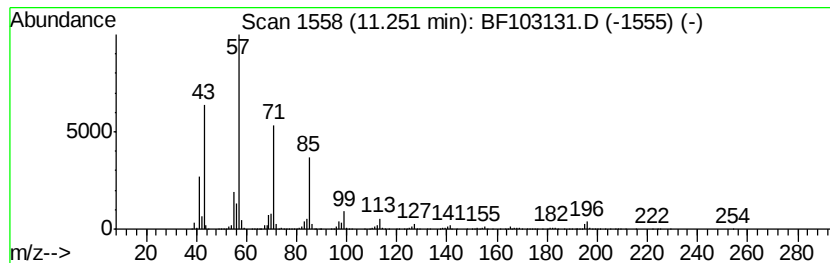
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 12 Heptadecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	18.84 ng	1014480	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	86
2		Hexadecane	226	C16H34	000544-76-3	86
3		Eicosane	282	C20H42	000112-95-8	86
4		Tridecane	184	C13H28	000629-50-5	86
5		Eicosane, 10-methyl-	296	C21H44	054833-23-7	80



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
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ClientSampleId :
SU-04-022018

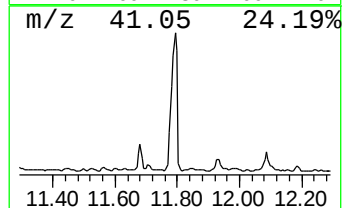
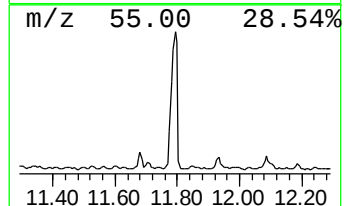
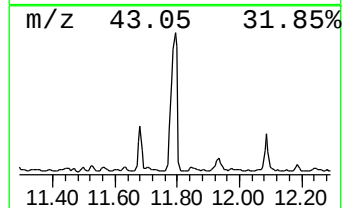
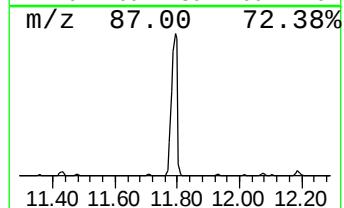
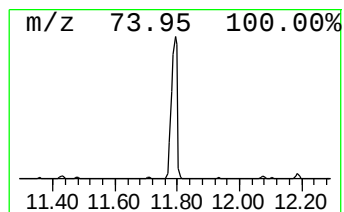
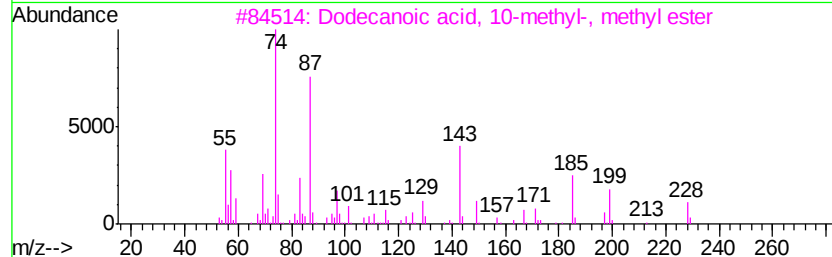
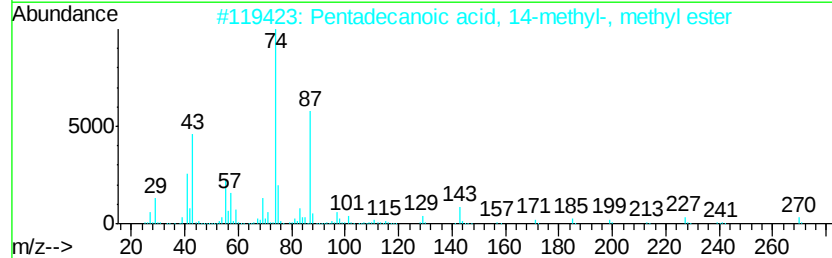
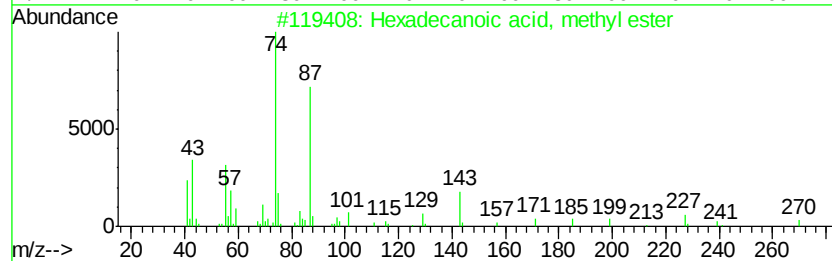
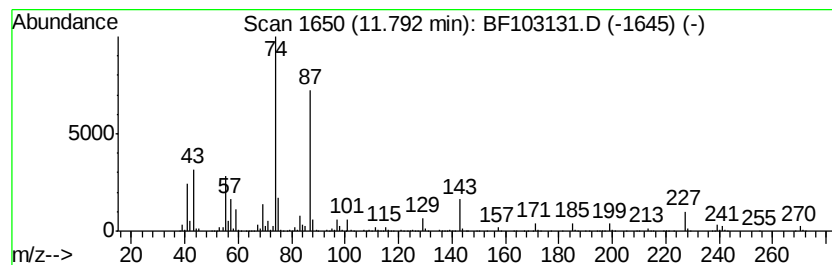
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	157.89 ng	8501720	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2		Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3		Dodecanoic acid, 10-methyl-, met...	228	C14H28O2	005129-65-7	87
4		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
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Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

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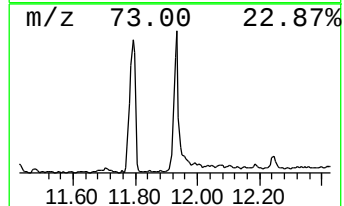
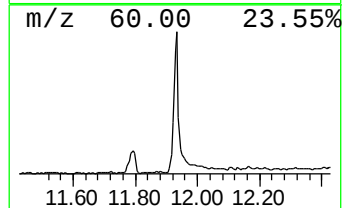
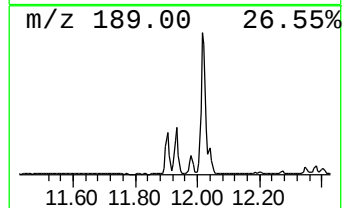
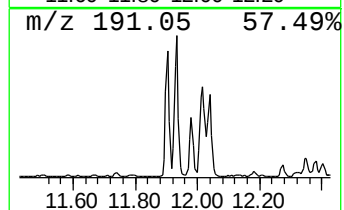
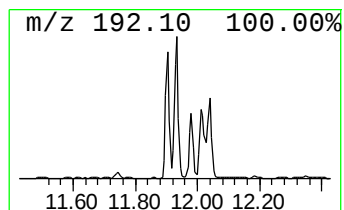
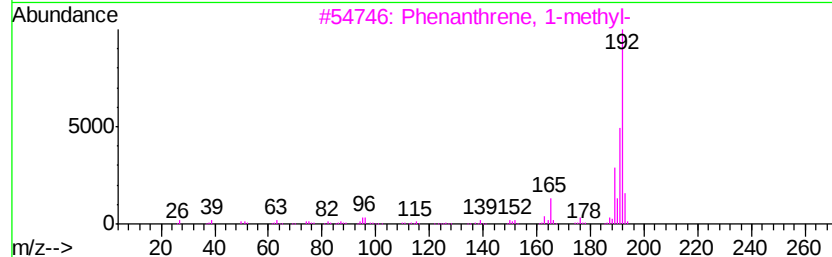
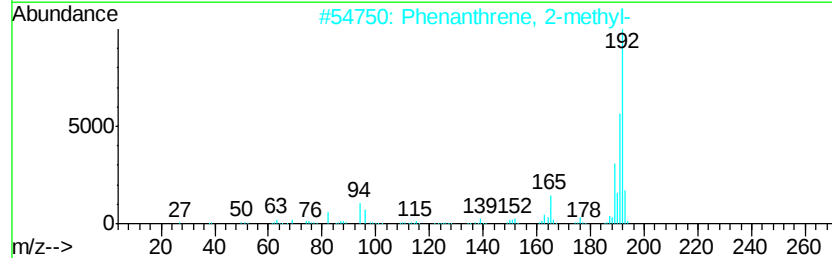
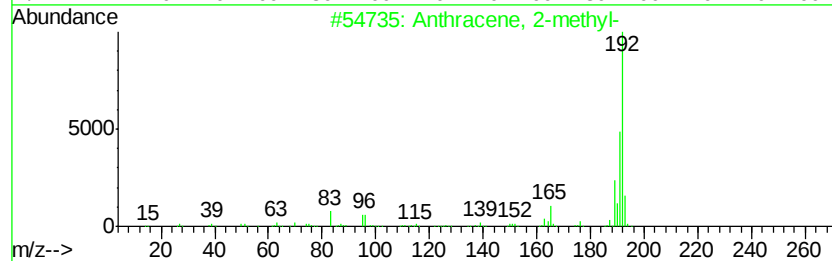
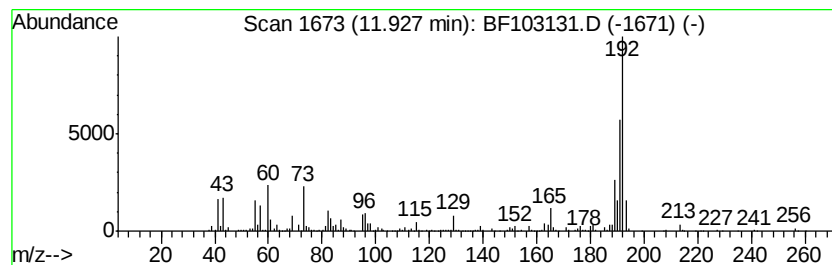
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	16.00 ng	861602	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4		Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	92



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
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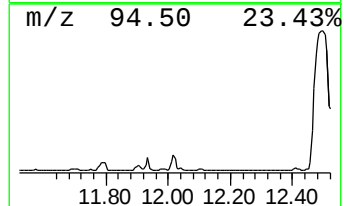
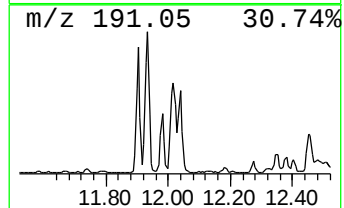
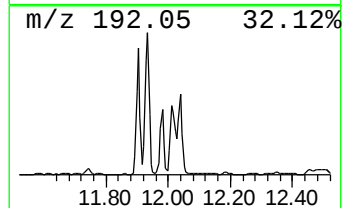
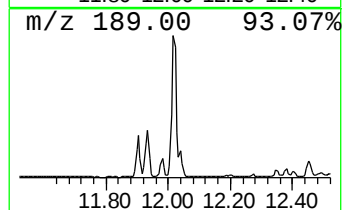
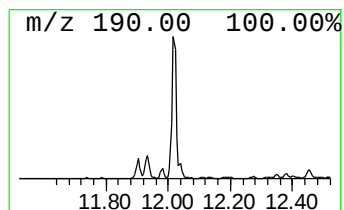
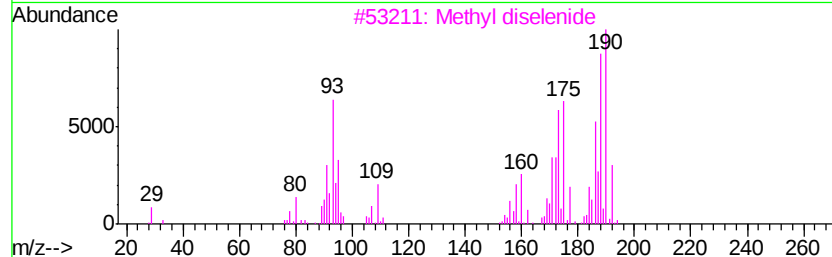
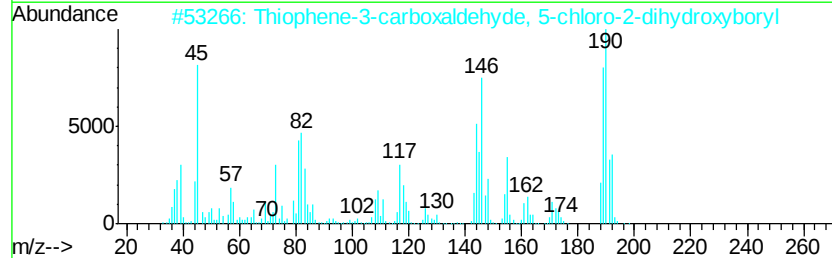
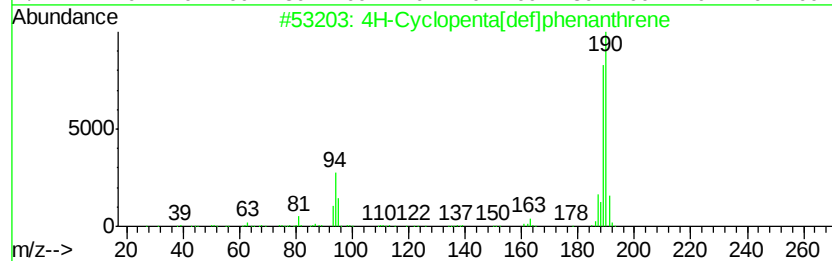
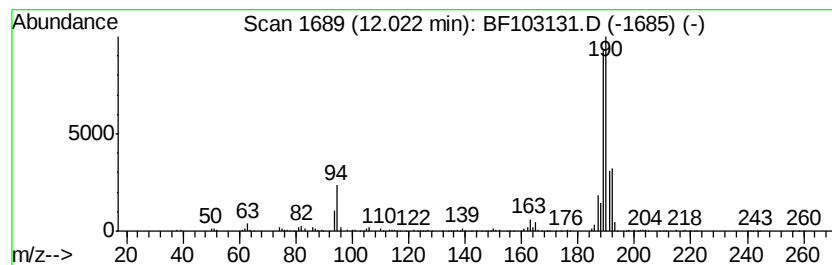
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.02	12.76 ng	687000	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
3		Methyl diselenide	190	C2H6Se2	007101-31-7	43
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42
5		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	28



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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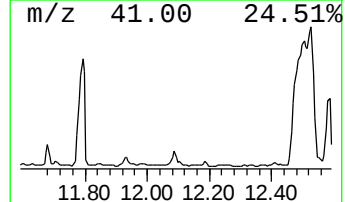
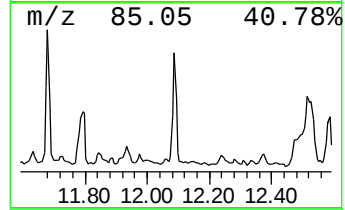
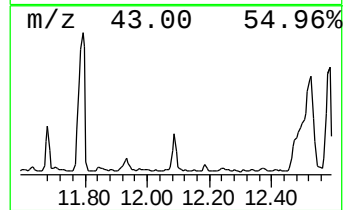
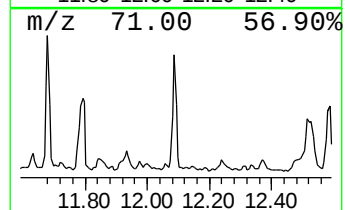
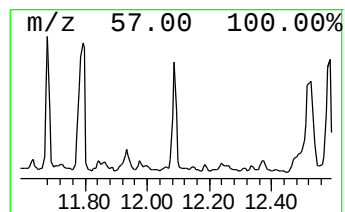
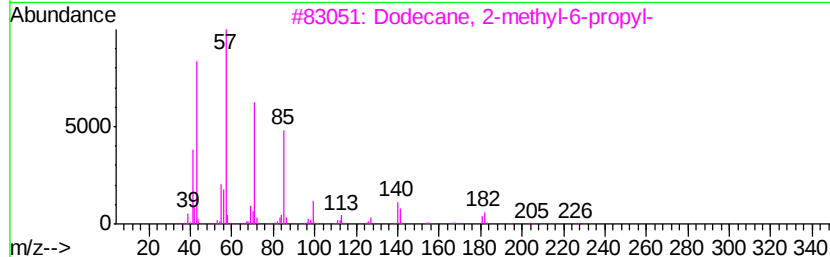
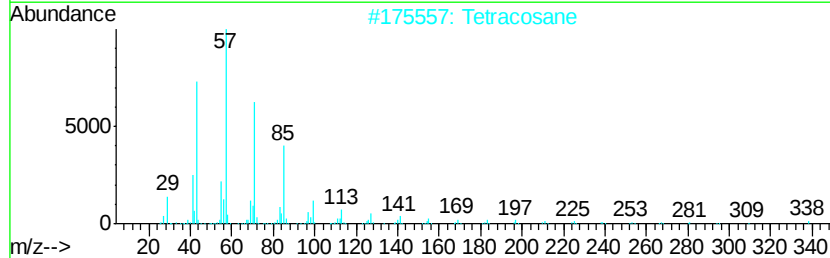
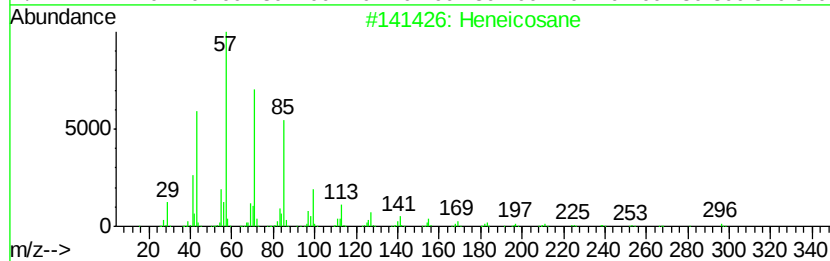
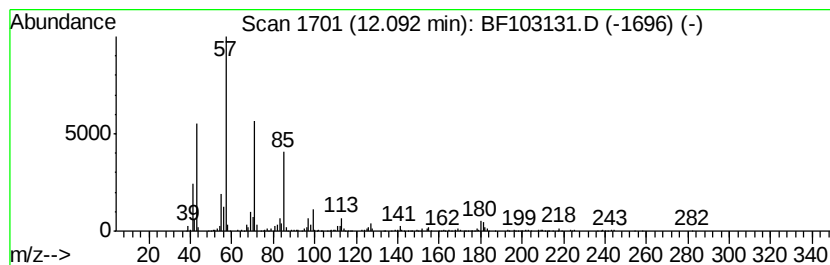
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 Heneicosane Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	13.32 ng	717435	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heneicosane	296	C21H44	000629-94-7	86
2		Tetracosane	338	C24H50	000646-31-1	86
3		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4		Hexadecane	226	C16H34	000544-76-3	76
5		Tridecane, 7-propyl-	226	C16H34	055045-09-5	72



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
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SU-04-022018

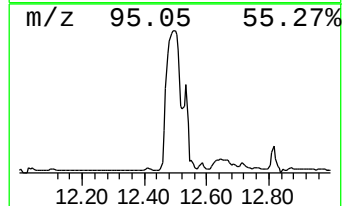
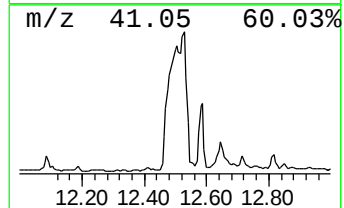
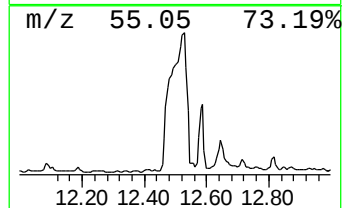
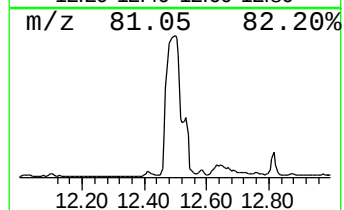
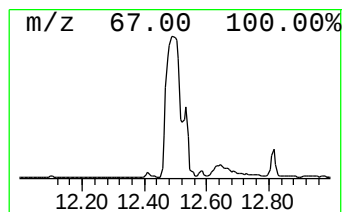
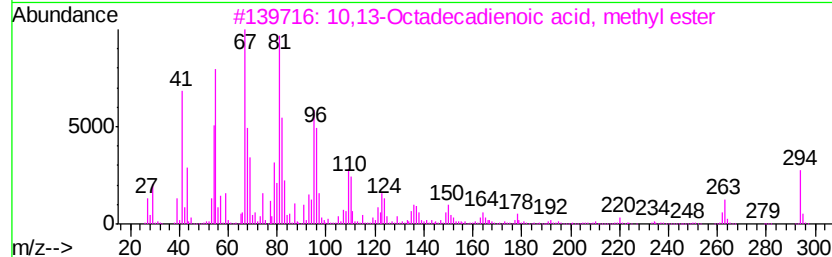
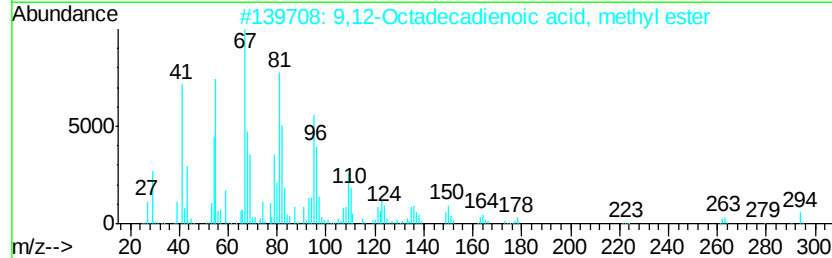
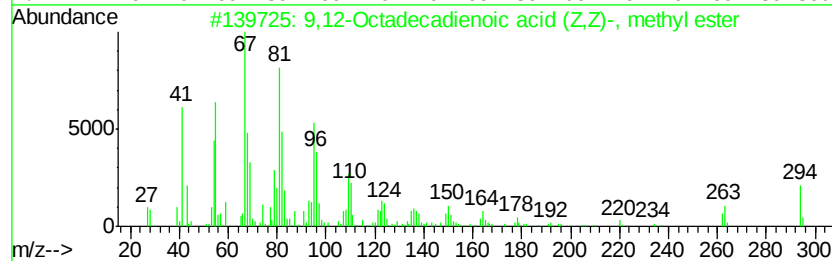
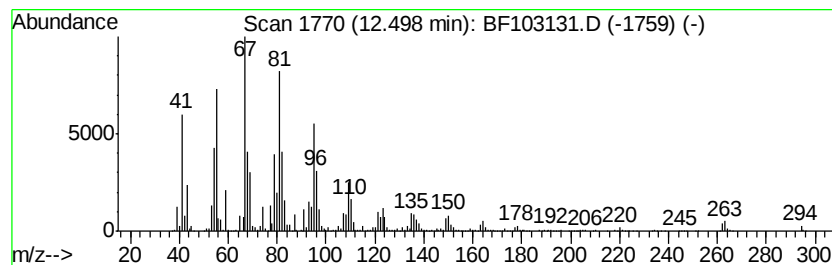
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 9,12-Octadecadienoic acid (... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	372.27 ng	20044800	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
2		9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99
5		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99



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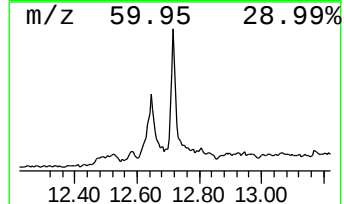
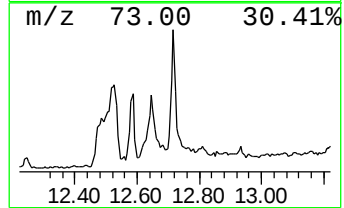
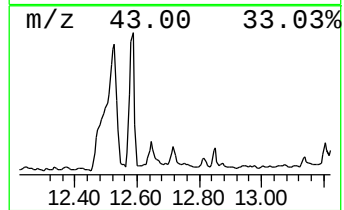
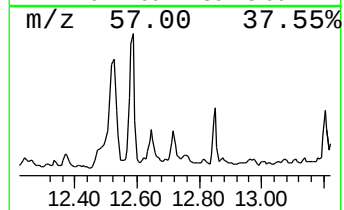
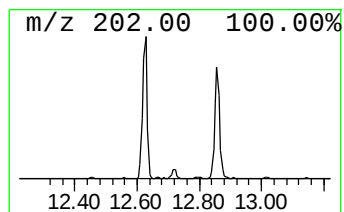
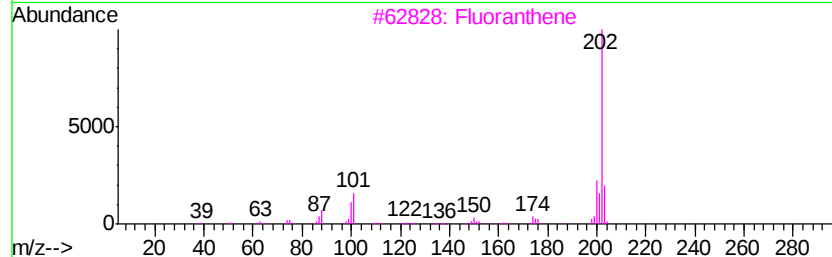
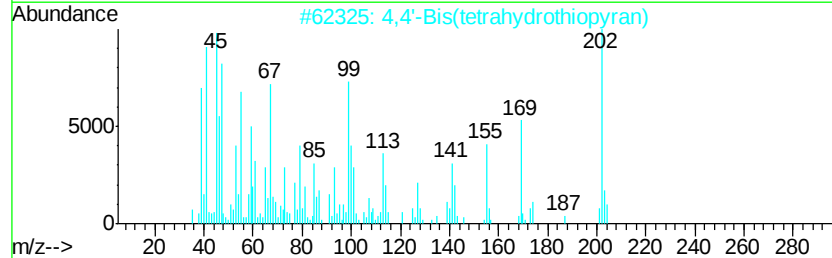
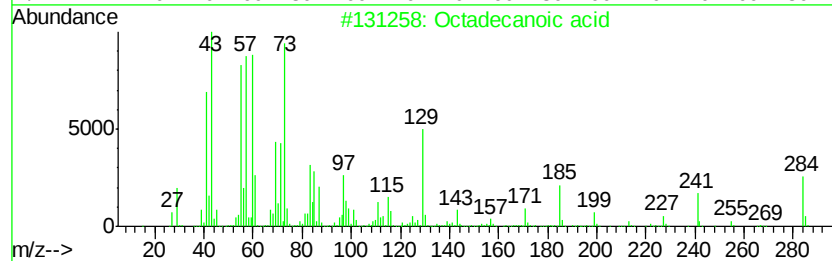
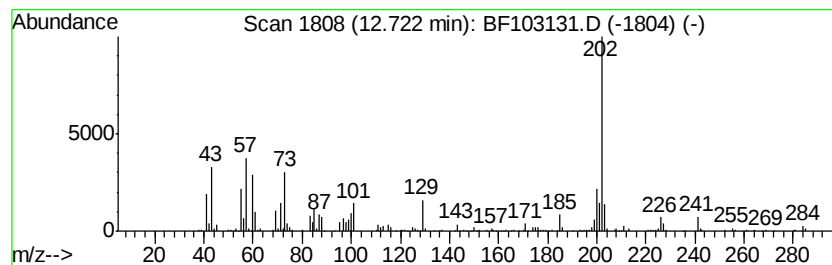
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Octadecanoic acid Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	12.49 ng	672332	Phenanthrene-d10	11.40

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	94
2		4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	94
3		Fluoranthene	202	C16H10	000206-44-0	86
4		Pvrene	202	C16H10	000129-00-0	64
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-022018

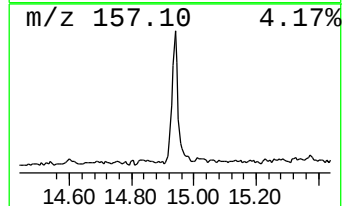
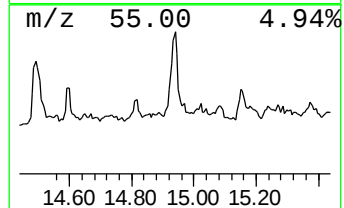
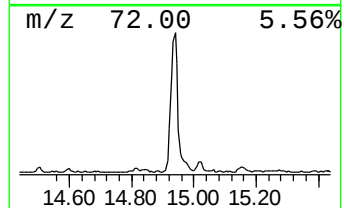
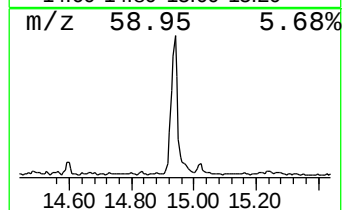
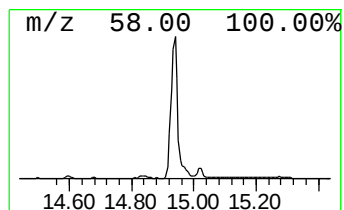
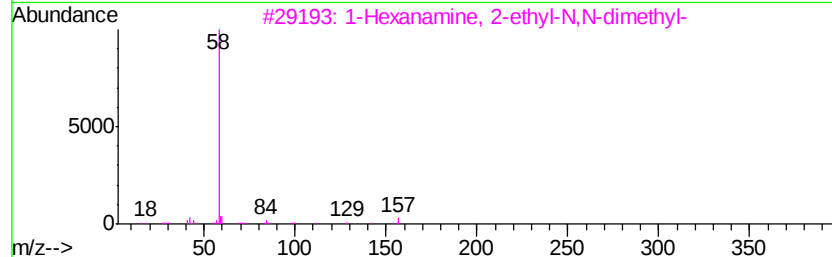
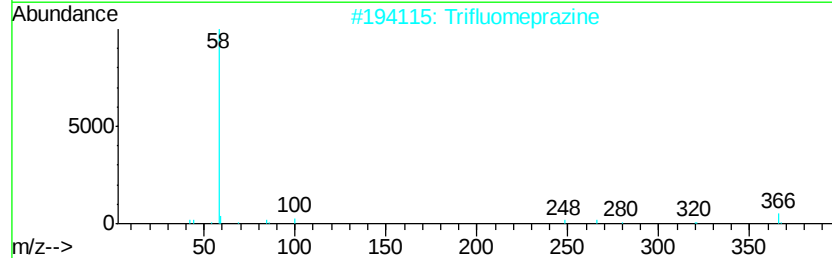
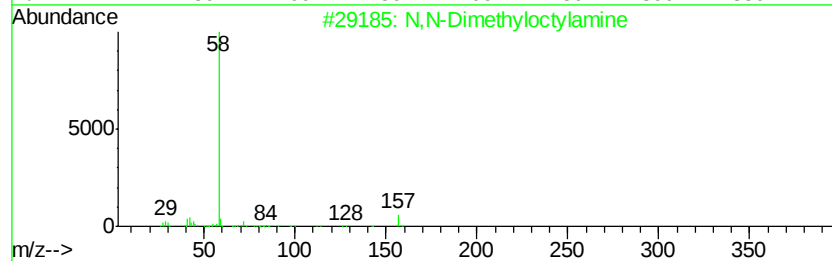
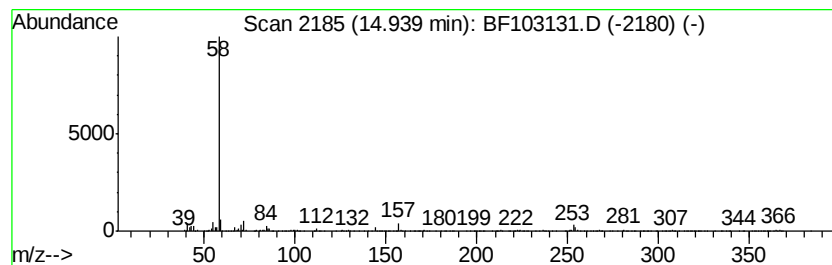
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 N,N-Dimethyloctylamine Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.94	43.84 ng	1780290	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	80
2		Trifluomeprazine	366	C19H21F3N2S	002622-37-9	64
3		1-Hexanamine, 2-ethyl-N,N-dimethyl-	157	C10H23N	028056-87-3	64
4		1-Undecanamine, N,N-dimethyl-	199	C13H29N	017373-28-3	59
5		1-Dodecanamine, N,N-dimethyl-	213	C14H31N	000112-18-5	59



Data Path : Z:\HPCHEM1\BNA F\DATA\BF022118\
Data File : BF103131.D
Acq On : 21 Feb 2018 12:57
Operator : SJ/JU
Sample : J1403-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-04-022018

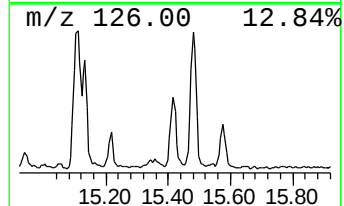
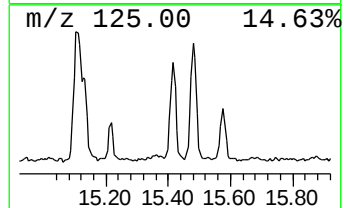
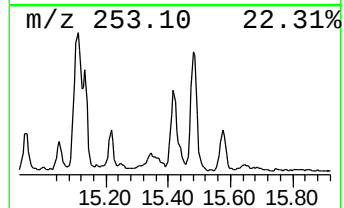
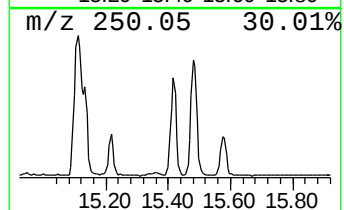
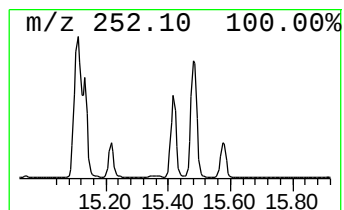
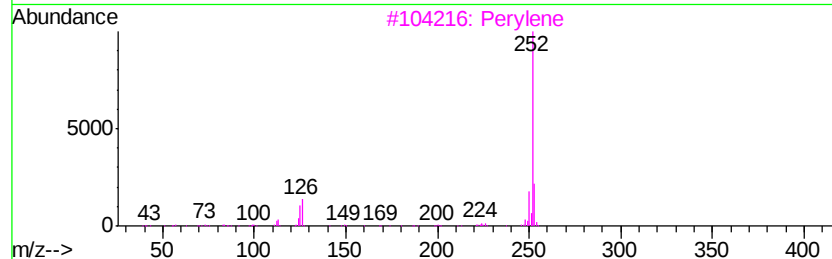
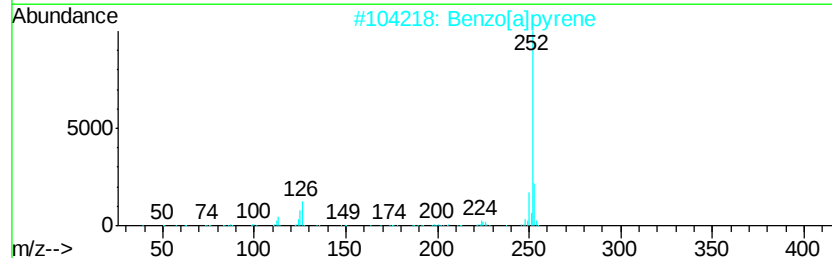
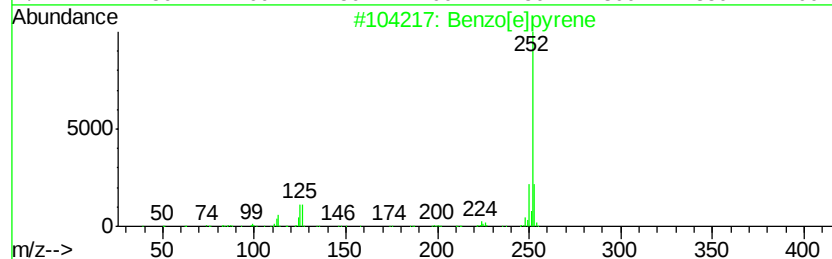
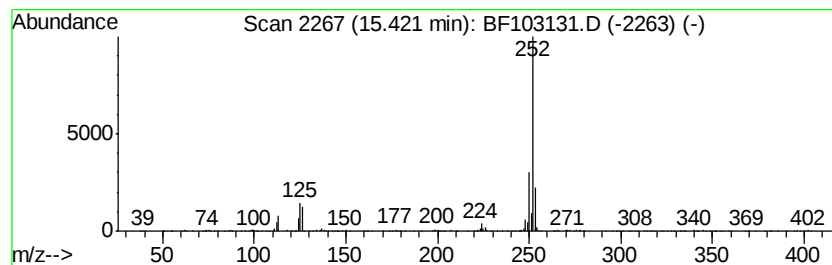
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 Benzo[e]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.42	14.70 ng	596967	Perylene-d12	15.54

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2		Benzo[a]pyrene	252	C20H12	000050-32-8	97
3		Perylene	252	C20H12	000198-55-0	95
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022118\
 Data File : BF103131.D
 Acq On : 21 Feb 2018 12:57
 Operator : SJ/JU
 Sample : J1403-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-022018

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.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
Butane, 2-methoxy...	2.13	21.0	ng	968575	1	6.87	923953	20.0
unknown6.65	6.65	68.5	ng	3166600	1	6.87	923953	20.0
Dodecane	8.74	18.3	ng	1153150	2	8.16	1258460	20.0
Naphthalene, 1-me...	8.97	16.1	ng	1016390	2	8.16	1258460	20.0
Naphthalene, 2,6-...	9.49	10.6	ng	553797	3	9.91	1048390	20.0
Naphthalene, 2,3-...	9.57	19.6	ng	1026950	3	9.91	1048390	20.0
Hexadecane	9.83	25.8	ng	1352480	3	9.91	1048390	20.0
5-Ethyldecane	10.33	28.7	ng	1506120	3	9.91	1048390	20.0
Heptadecane, 2,6,...	10.55	13.4	ng	700338	3	9.91	1048390	20.0
Hexadecane, 3-met...	10.80	32.9	ng	1773140	4	11.40	1076890	20.0
Heptadecane	11.25	18.8	ng	1014480	4	11.40	1076890	20.0
Hexadecanoic acid...	11.79	157.9	ng	8501720	4	11.40	1076890	20.0
Anthracene, 2-met...	11.93	16.0	ng	861602	4	11.40	1076890	20.0
4H-Cyclopenta[def...	12.02	12.8	ng	687000	4	11.40	1076890	20.0
Heneicosane	12.09	13.3	ng	717435	4	11.40	1076890	20.0
9,12-Octadecadien...	12.50	372.3	ng	20044800	4	11.40	1076890	20.0
Octadecanoic acid	12.72	12.5	ng	672332	4	11.40	1076890	20.0
N,N-Dimethyloctyl...	14.94	43.8	ng	1780290	6	15.54	812232	20.0
Benzo[e]pyrene	15.42	14.7	ng	596967	6	15.54	812232	20.0