

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103407.D
 Acq On : 5 Mar 2018 14:10
 Operator : SJ/JU
 Sample : J1751-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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	5.504	577	581	596	rVV	1141950	1831120	31.52%	2.233%
2	6.104	678	683	690	rBV3	162533	311944	5.37%	0.380%
3	6.386	728	731	739	rBV3	248922	386427	6.65%	0.471%
4	6.516	749	753	763	rBV	1419900	2032170	34.98%	2.478%
5	6.604	763	768	772	rVV4	122935	234456	4.04%	0.286%
6	6.645	772	775	780	rVV	1879513	1815459	31.25%	2.214%
7	6.692	780	783	786	rVV	1073615	852080	14.67%	1.039%
8	6.869	810	813	819	rVV	1180288	1103813	19.00%	1.346%
9	7.004	833	836	837	rBV	279270	238362	4.10%	0.291%
10	7.028	837	840	844	rVB	1365045	1300459	22.39%	1.586%
11	7.133	855	858	861	rVB2	349138	308573	5.31%	0.376%
12	7.192	864	868	873	rVB2	347920	472158	8.13%	0.576%
13	7.239	873	876	878	rBV	296964	296955	5.11%	0.362%
14	7.398	898	903	906	rBV3	358485	439860	7.57%	0.536%
15	7.433	906	909	911	rBV	1173989	1290867	22.22%	1.574%
16	7.451	911	912	916	rVB	1620650	1147510	19.75%	1.399%
17	7.510	919	922	924	rVB3	278434	279744	4.82%	0.341%
18	7.557	924	930	935	rBV6	188889	375186	6.46%	0.458%
19	7.669	946	949	951	rBV2	199402	242535	4.18%	0.296%
20	7.763	963	965	967	rVV2	302811	274643	4.73%	0.335%
21	7.786	967	969	972	rVV3	245523	327595	5.64%	0.400%
22	7.822	972	975	978	rVV2	258669	331624	5.71%	0.404%
23	7.857	978	981	984	rVV3	233664	292075	5.03%	0.356%
24	7.886	984	986	989	rVV	625871	587269	10.11%	0.716%
25	7.963	996	999	1001	rVV3	195195	217348	3.74%	0.265%
26	8.122	1023	1026	1029	rVV	1720288	1515662	26.09%	1.848%
27	8.157	1029	1032	1037	rVV	1313021	1486331	25.59%	1.813%
28	8.198	1037	1039	1042	rVB2	785797	628957	10.83%	0.767%
29	8.233	1042	1045	1050	rBV4	226299	312520	5.38%	0.381%
30	8.433	1076	1079	1084	rVB4	462153	587751	10.12%	0.717%
31	8.480	1084	1087	1091	rBV4	189648	269816	4.65%	0.329%
32	8.516	1091	1093	1098	rVB2	257248	269089	4.63%	0.328%
33	8.557	1098	1100	1103	rBV	605901	505330	8.70%	0.616%
34	8.657	1114	1117	1119	rBV	315209	296069	5.10%	0.361%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103407.D
 Acq On : 5 Mar 2018 14:10
 Operator : SJ/JU
 Sample : J1751-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Integration Parameters: rteint.p
 Integrator: RTE
 Smoothing : ON
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 3 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	8.733	1124	1130	1134	rVV	1478444	1407487	24.23%	1.717%
36	8.774	1134	1137	1139	rVV4	150585	226661	3.90%	0.276%
37	8.816	1142	1144	1150	rVV4	252496	378140	6.51%	0.461%
38	8.969	1168	1170	1173	rBV2	314189	315164	5.43%	0.384%
39	9.051	1182	1184	1188	rVB3	175795	227978	3.92%	0.278%
40	9.092	1188	1191	1194	rBV	309178	292906	5.04%	0.357%
41	9.163	1200	1203	1205	rVV	389078	305965	5.27%	0.373%
42	9.227	1210	1214	1218	rVV	1951561	1632742	28.11%	1.991%
43	9.298	1222	1226	1229	rVV	1244006	1103451	19.00%	1.346%
44	9.569	1270	1272	1275	rVV	228497	257475	4.43%	0.314%
45	9.616	1275	1280	1288	rVB3	656094	1020985	17.58%	1.245%
46	9.774	1303	1307	1311	rBV	251415	293480	5.05%	0.358%
47	9.827	1312	1316	1320	rVV	921858	803472	13.83%	0.980%
48	9.916	1328	1331	1334	rVV	1258536	1166908	20.09%	1.423%
49	9.945	1334	1336	1339	rVV	393767	363144	6.25%	0.443%
50	10.116	1362	1365	1368	rVV2	253098	241816	4.16%	0.295%
51	10.327	1396	1401	1404	rBV	684442	657184	11.31%	0.801%
52	10.463	1421	1424	1430	rVV	434578	439817	7.57%	0.536%
53	10.545	1433	1438	1441	rVV3	302193	378333	6.51%	0.461%
54	10.621	1449	1451	1457	rVB2	265380	246488	4.24%	0.301%
55	10.710	1462	1466	1472	rBV2	966420	1001701	17.24%	1.222%
56	10.798	1478	1481	1487	rBV	572583	741174	12.76%	0.904%
57	11.010	1511	1517	1521	rBV5	155557	286502	4.93%	0.349%
58	11.251	1555	1558	1560	rVV	458174	418957	7.21%	0.511%
59	11.410	1581	1585	1587	rBV	1034443	1016328	17.50%	1.239%
60	11.439	1587	1590	1593	rVV	2146314	2077947	35.77%	2.534%
61	11.486	1595	1598	1602	rVV	1000017	856549	14.75%	1.045%
62	11.674	1628	1630	1632	rVV	332205	270762	4.66%	0.330%
63	11.780	1645	1648	1651	rVB	2589422	2114245	36.40%	2.578%
64	11.910	1667	1670	1673	rBV	420422	471665	8.12%	0.575%
65	11.939	1673	1675	1678	rVB	559444	469347	8.08%	0.572%
66	11.986	1680	1683	1686	rBV	248867	224322	3.86%	0.274%
67	12.027	1686	1690	1692	rBV2	764851	802766	13.82%	0.979%
68	12.086	1697	1700	1705	rBV	250681	220959	3.80%	0.269%
69	12.204	1717	1720	1724	rVB	294881	247915	4.27%	0.302%
70	12.474	1761	1766	1768	rBV2	4396579	5808724	100.00%	7.084%
71	12.498	1768	1770	1776	rVV2	4240875	4450302	76.61%	5.427%

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103407.D
 Acq On : 5 Mar 2018 14:10
 Operator : SJ/JU
 Sample : J1751-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Integration Parameters: rteint.p

Integrator: RTE

Smoothing : ON

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 3 % of largest Peak

Max Peaks: 100

Peak Location: TOP

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

Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	12.574	1776	1783	1788	rVB2	1252426	1333281	22.95%	1.626%
73	12.639	1788	1794	1797	rBV	3221809	3644742	62.75%	4.445%
74	12.780	1815	1818	1821	rVV3	201723	233859	4.03%	0.285%
75	12.810	1821	1823	1826	rVV2	274104	265494	4.57%	0.324%
76	12.868	1826	1833	1838	rVV2	2714387	4068286	70.04%	4.962%
77	12.910	1838	1840	1844	rVB2	222584	220965	3.80%	0.269%
78	12.992	1849	1854	1857	rBV2	1172666	1202975	20.71%	1.467%
79	13.086	1864	1870	1873	rBV2	252601	497710	8.57%	0.607%
80	13.168	1880	1884	1885	rVV2	236446	318451	5.48%	0.388%
81	13.192	1885	1888	1892	rVV2	639713	725882	12.50%	0.885%
82	13.257	1896	1899	1901	rBV2	467999	362651	6.24%	0.442%
83	13.298	1901	1906	1909	rBV2	429910	502436	8.65%	0.613%
84	13.815	1991	1994	1996	rBV	304566	270738	4.66%	0.330%
85	13.839	1996	1998	2000	rVV	333515	248973	4.29%	0.304%
86	13.874	2000	2004	2009	rVV4	436420	622676	10.72%	0.759%
87	13.915	2009	2011	2015	rVB	265456	238071	4.10%	0.290%
88	13.974	2018	2021	2026	rBV2	163912	294411	5.07%	0.359%
89	14.062	2032	2036	2040	rBV2	1764093	2584811	44.50%	3.152%
90	14.098	2040	2042	2045	rVB	1511953	1241805	21.38%	1.514%
91	14.174	2053	2055	2058	rBV	429975	445050	7.66%	0.543%
92	14.221	2061	2063	2068	rVB3	230544	244269	4.21%	0.298%
93	14.456	2101	2103	2106	rVB	259643	255132	4.39%	0.311%
94	15.145	2215	2220	2223	rBV	1025551	1881995	32.40%	2.295%
95	15.251	2235	2238	2242	rBV	286390	313230	5.39%	0.382%
96	15.456	2269	2273	2279	rVB	573547	721854	12.43%	0.880%
97	15.527	2280	2285	2291	rVV	942633	1447858	24.93%	1.766%
98	15.586	2292	2295	2298	rVV2	343189	462237	7.96%	0.564%
99	15.621	2298	2301	2306	rVB	301538	400661	6.90%	0.489%
100	17.139	2553	2559	2566	rVB	388555	844392	14.54%	1.030%

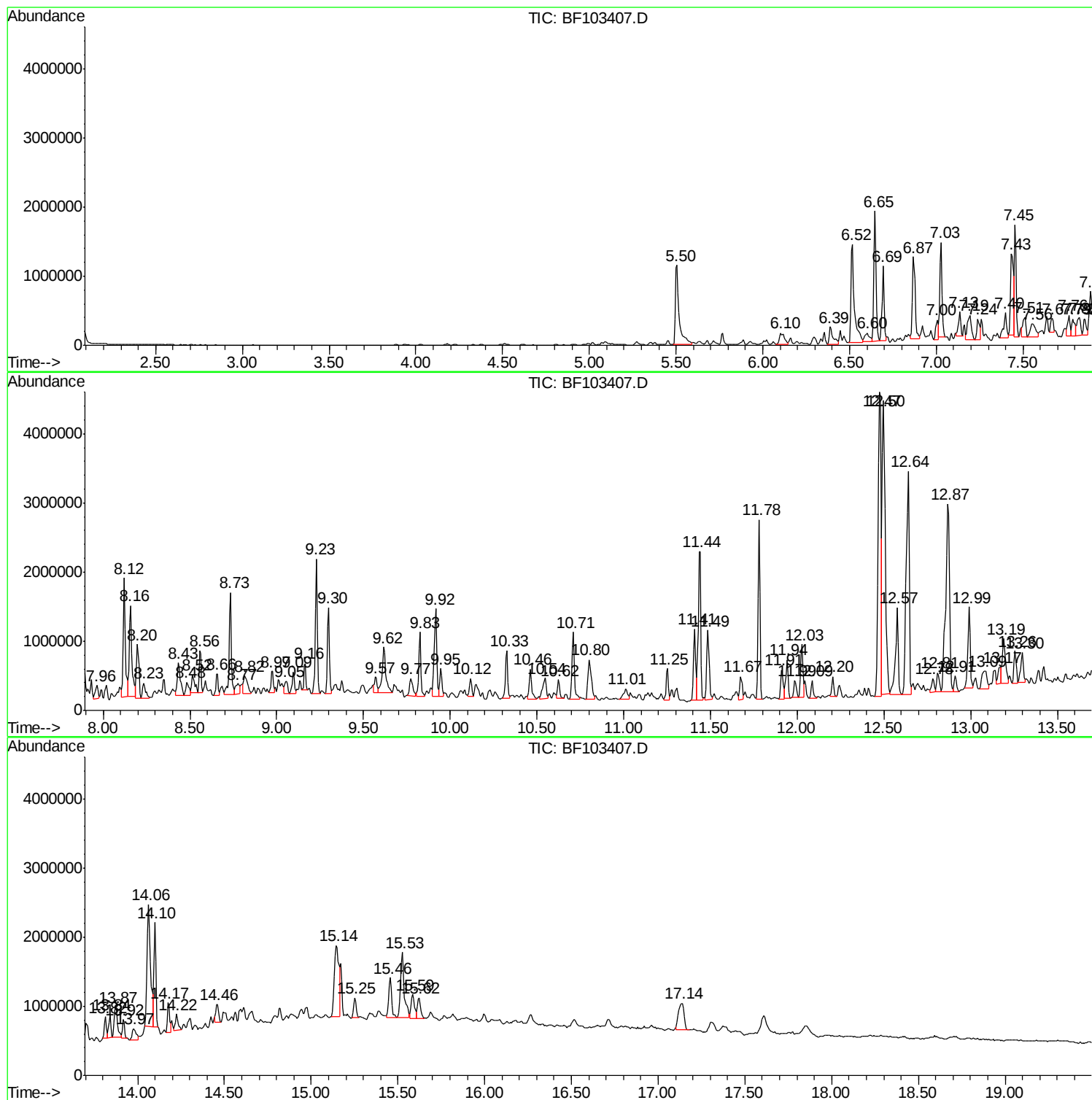
Sum of corrected areas: 81996413

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

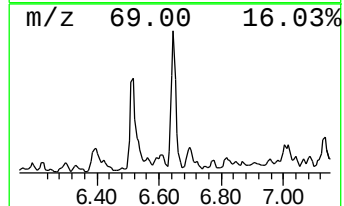
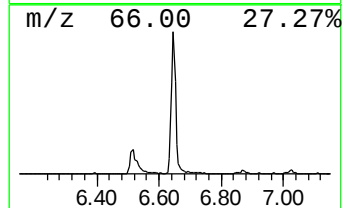
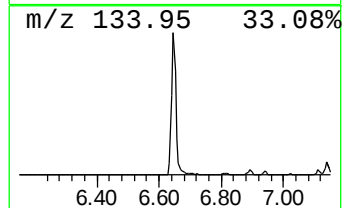
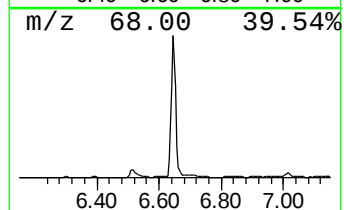
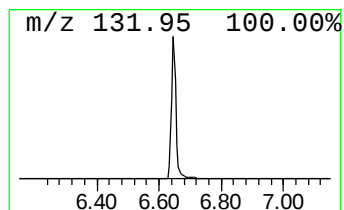
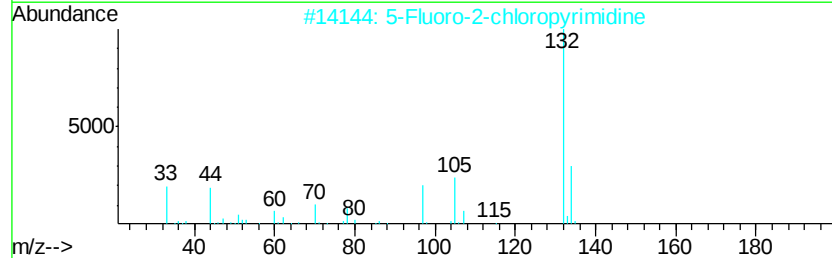
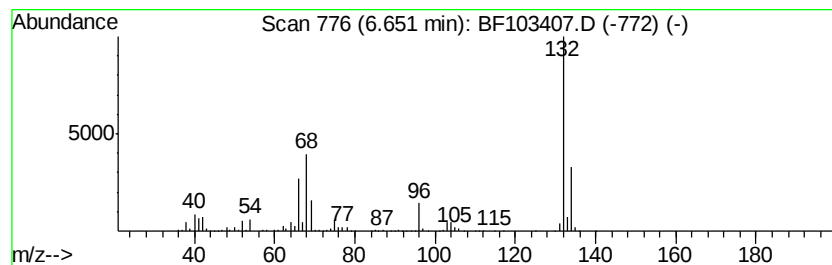
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.65 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	32.89 ng	1815460	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		5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3		Tranvlcypropine-propionyl	189	C12H15NO	1000123-86-3	10
4		Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5		1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

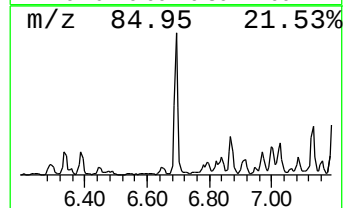
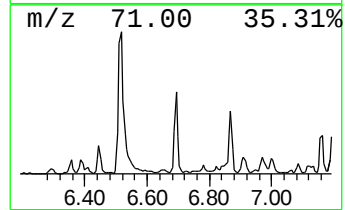
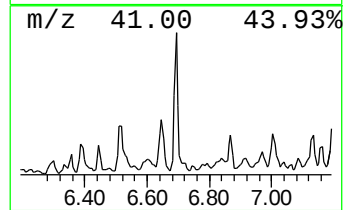
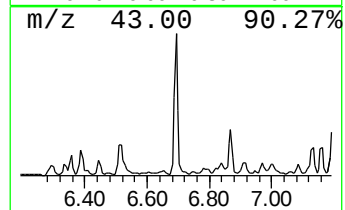
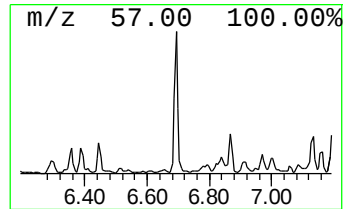
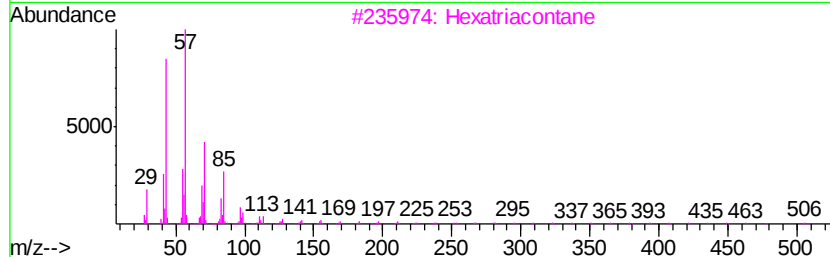
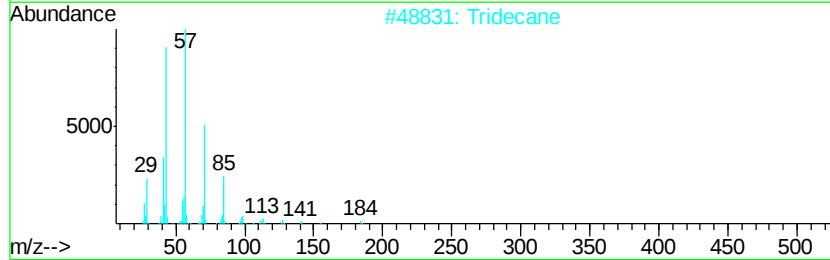
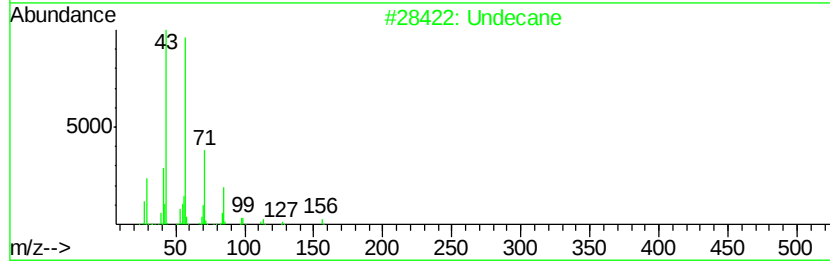
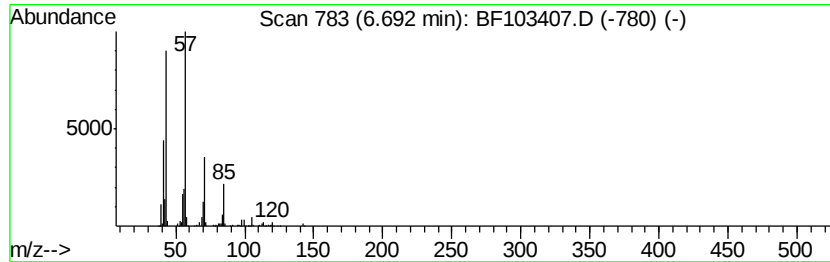
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 2 Undecane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	15.44 ng	852080	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane			156	C11H24	001120-21-4	83
2	Tridecane			184	C13H28	000629-50-5	78
3	Hexatriacontane			507	C36H74	000630-06-8	78
4	Heptadecane, 2,6,10,14-tetramethyl-			296	C21H44	018344-37-1	72
5	Decane, 2,3,6-trimethyl-			184	C13H28	062238-12-4	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

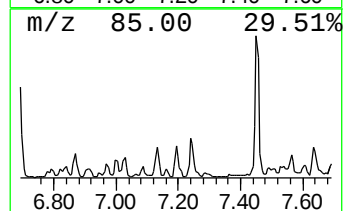
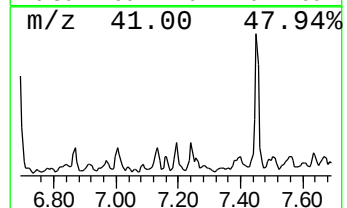
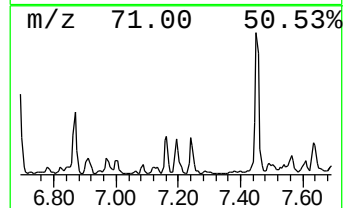
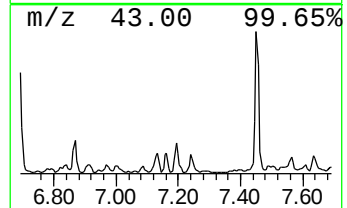
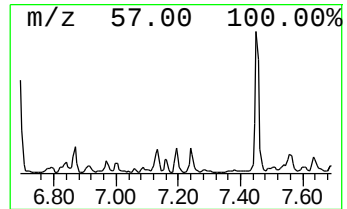
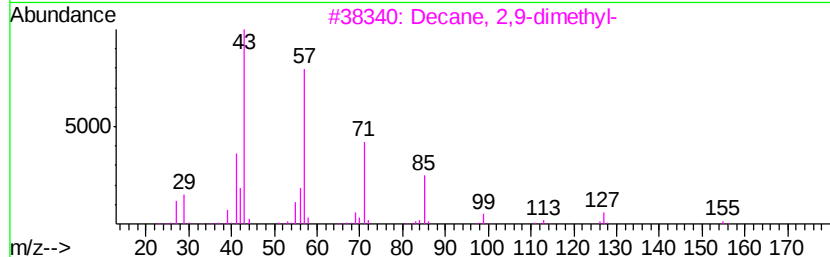
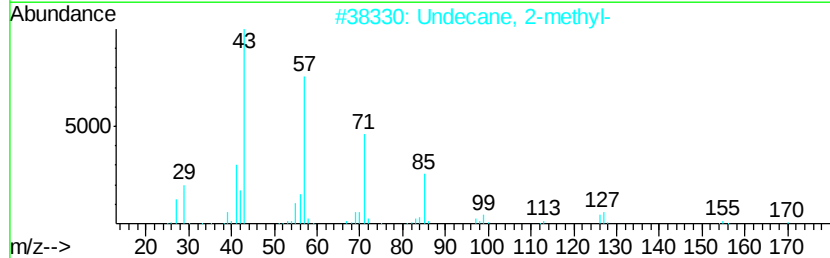
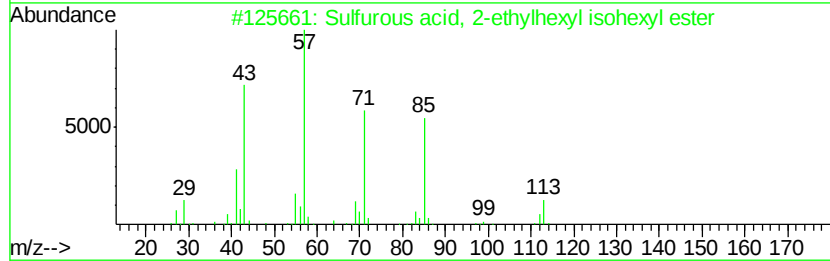
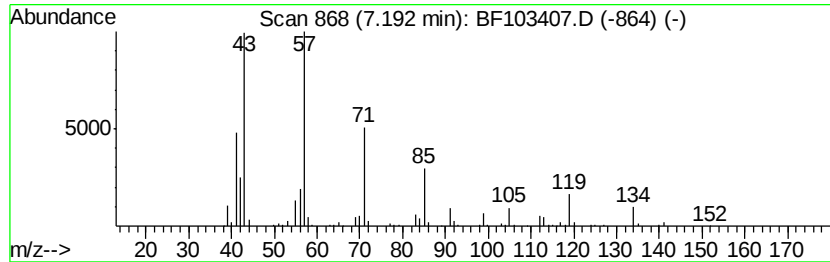
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Sulfurous acid, 2-ethylhexy... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	8.56 ng	472158	1,4-Dichlorobenzene-d4	6.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	50
2			Undecane, 2-methyl-	170	C12H26	007045-71-8	50
3			Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	50
4			Decane, 2-methyl-	156	C11H24	006975-98-0	50
5			Eicosane	282	C20H42	000112-95-8	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

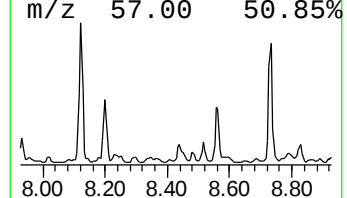
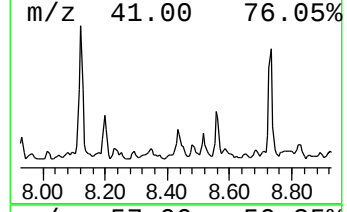
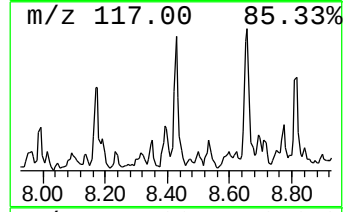
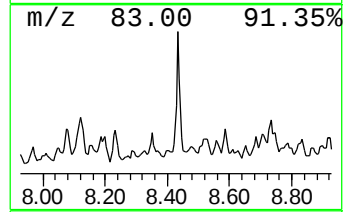
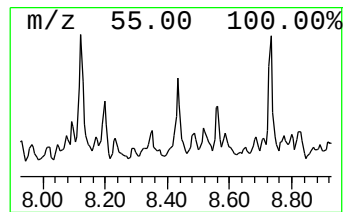
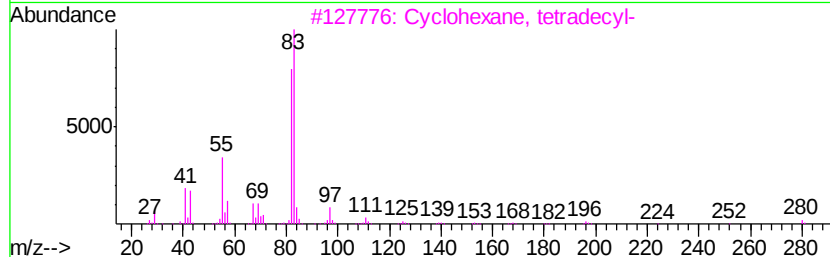
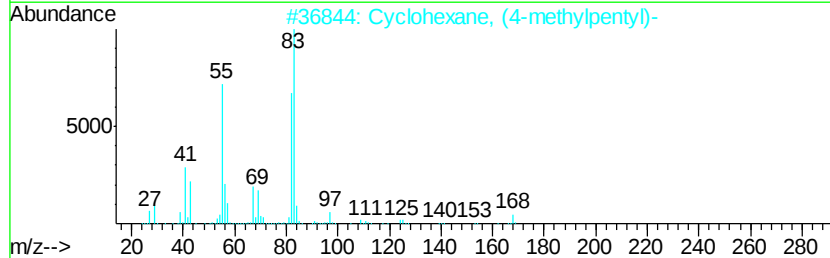
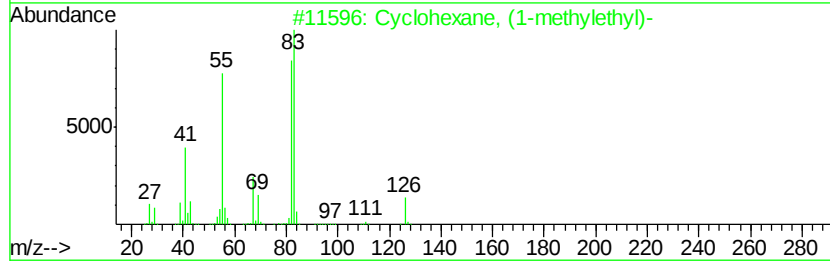
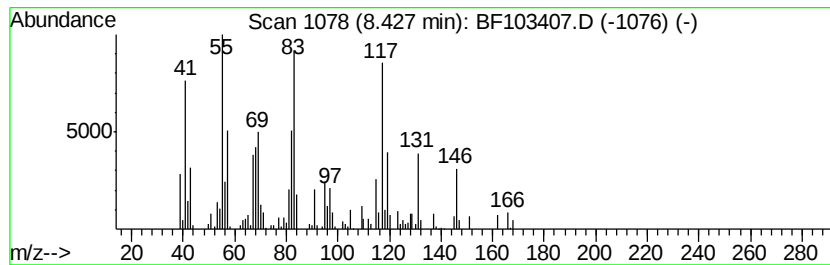
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown8.43 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.43	7.91 ng	587751	Napthalene-d8	8.16

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	49
2		Cyclohexane, (4-methylpentyl)-	168	C12H24	061142-20-9	49
3		Cyclohexane, tetradecyl-	280	C20H40	001795-18-2	47
4		Cyclohexane, ethyl-	112	C8H16	001678-91-7	47
5		Cyclohexane, pentyl-	154	C11H22	004292-92-6	47



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

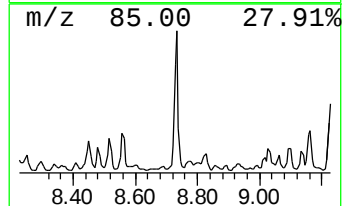
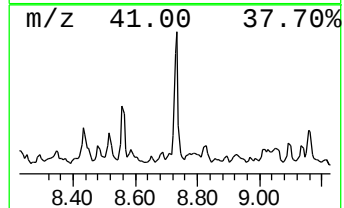
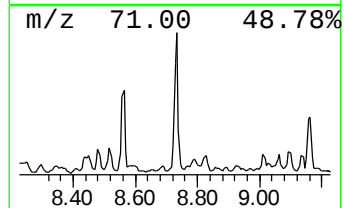
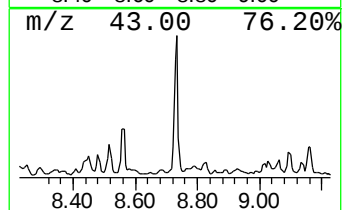
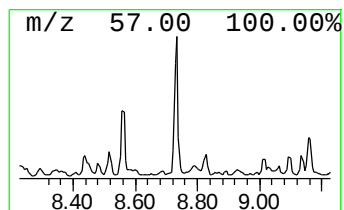
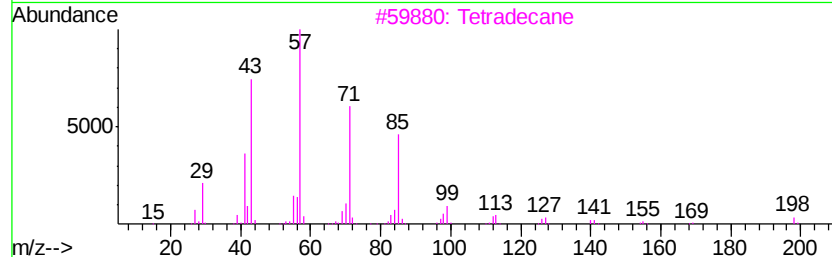
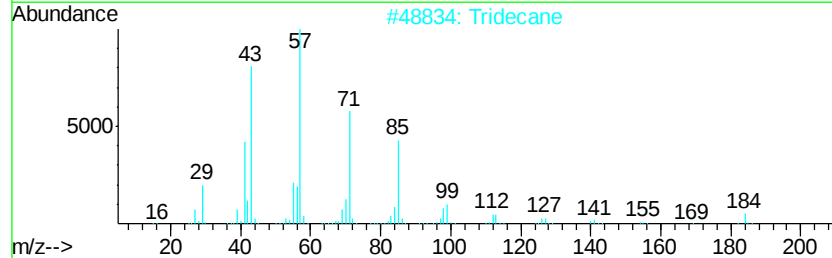
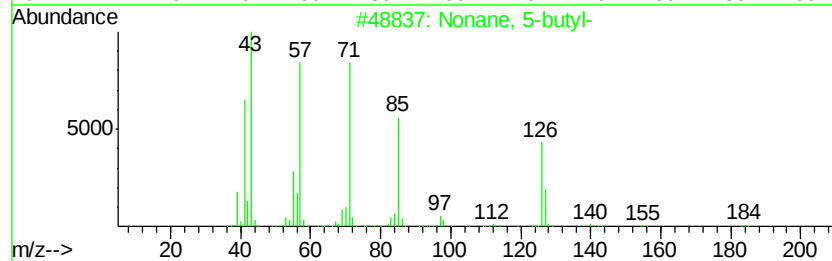
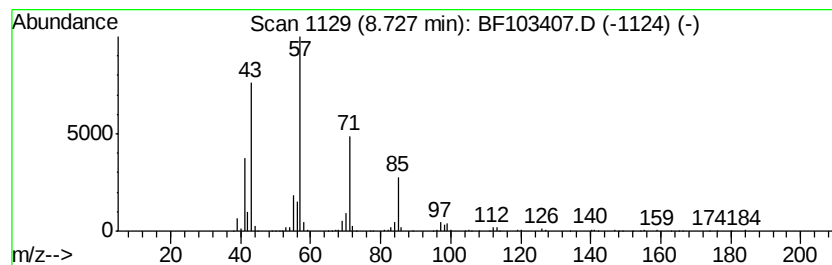
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 6 Nonane, 5-butyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.73	18.94 ng	1407490	Naphthalene-d8	8.16

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 5-butyl-		184	C13H28	017312-63-9	90
2	Tridecane		184	C13H28	000629-50-5	90
3	Tetradecane		198	C14H30	000629-59-4	90
4	Hexadecane		226	C16H34	000544-76-3	86
5	Pentadecane		212	C15H32	000629-62-9	78



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

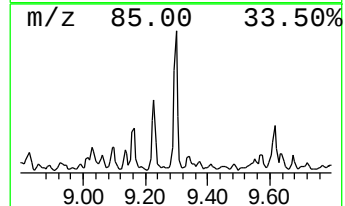
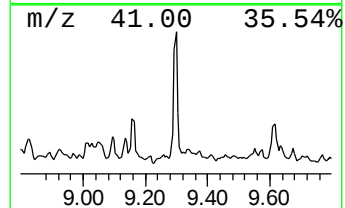
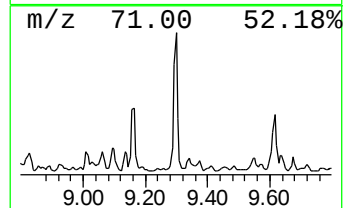
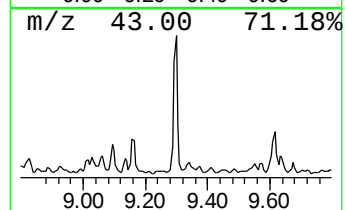
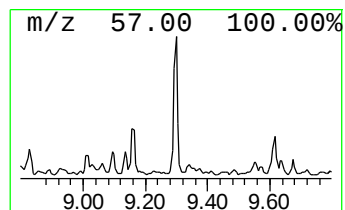
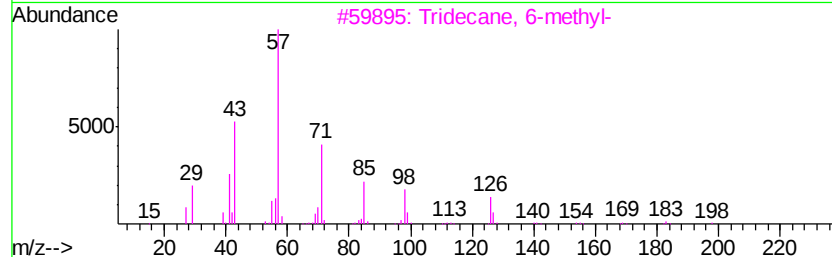
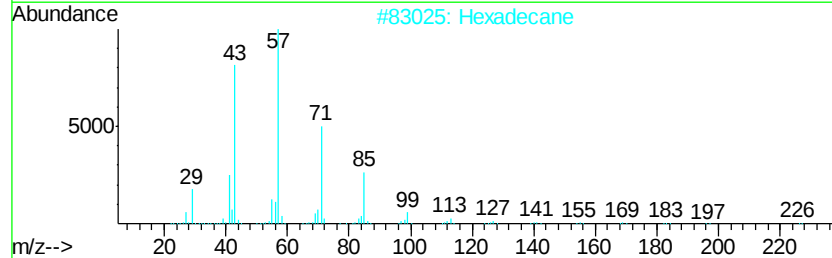
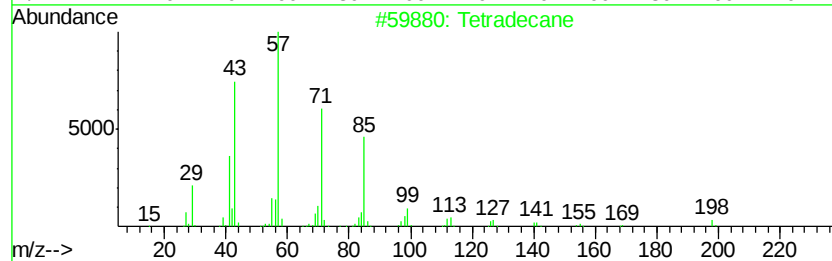
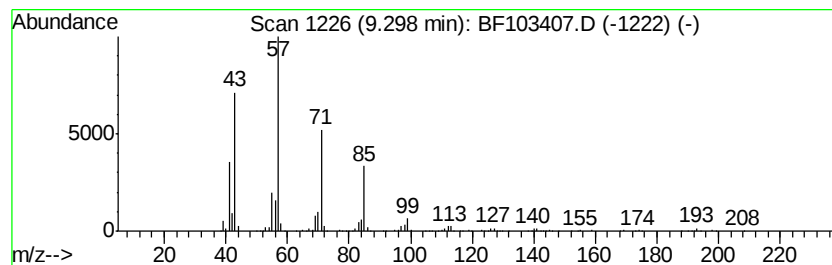
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	18.91 ng	1103450	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Tetradecane	198 C14H30	000629-59-4 95
2		Hexadecane	226 C16H34	000544-76-3 90
3		Tridecane, 6-methyl-	198 C14H30	013287-21-3 83
4		Tridecane, 7-methyl-	198 C14H30	026730-14-3 81
5		Decane, 2,3,5-trimethyl-	184 C13H28	062238-11-3 80



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

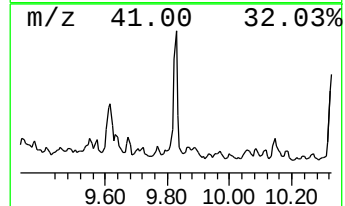
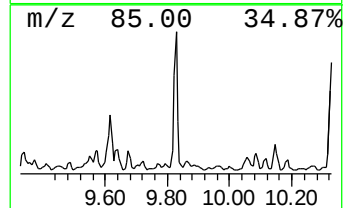
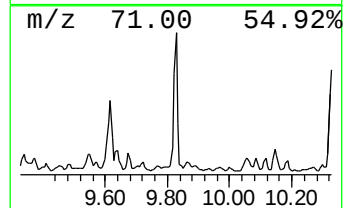
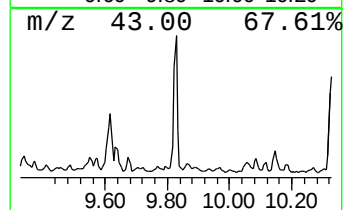
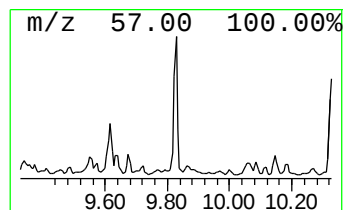
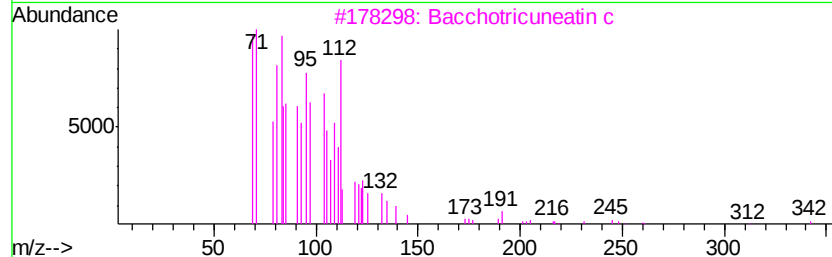
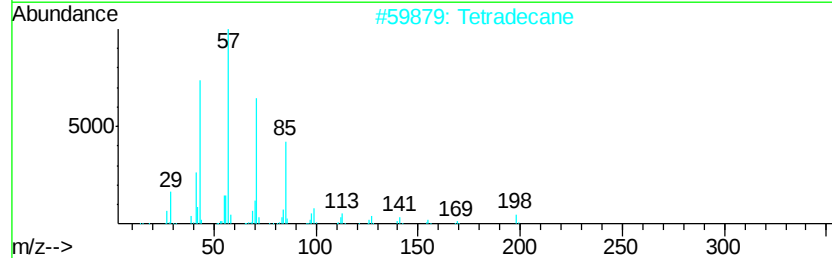
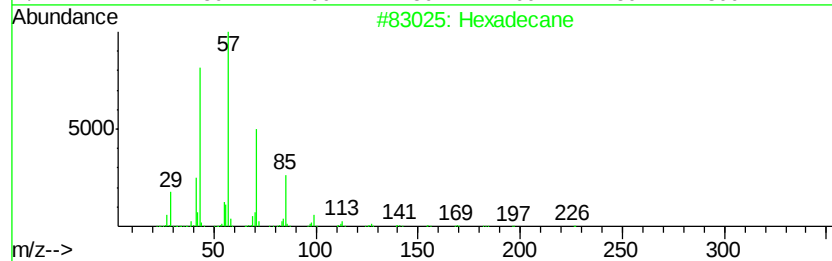
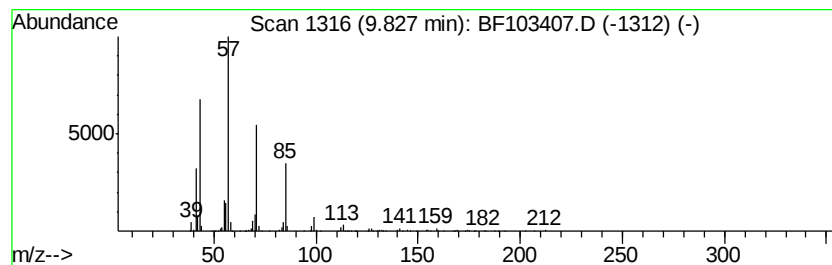
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
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 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	13.77 ng	803472	Acenaphthene-d10	9.92
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	86
2	Tetradecane	198 C14H30	000629-59-4	80
3	Bacchotricuneatin c	342 C20H22O5	066563-30-2	74
4	Sulfurous acid, 2-ethylhexyl hex...	278 C14H30O3S	1000309-20-2	72
5	1-Undecene, 4-methyl-	168 C12H24	074630-39-0	64



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

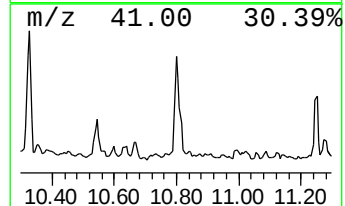
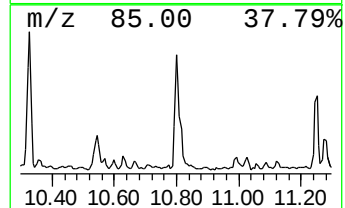
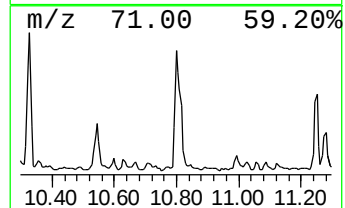
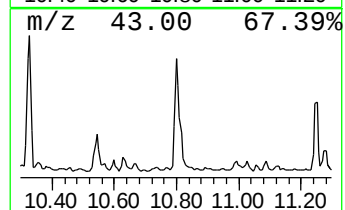
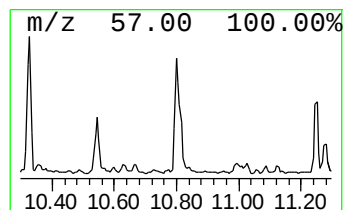
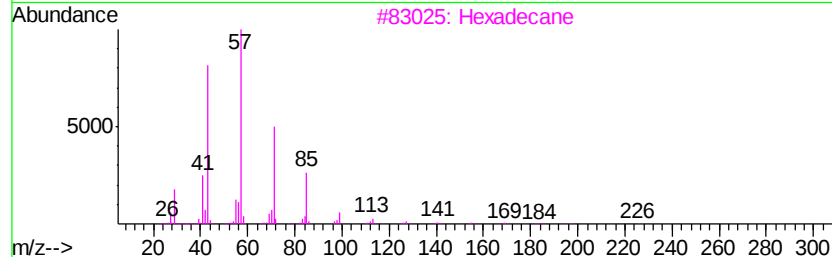
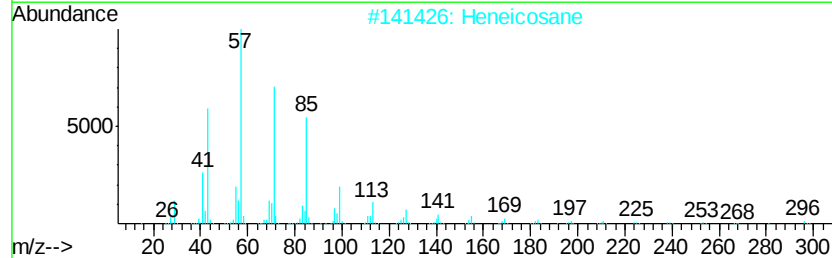
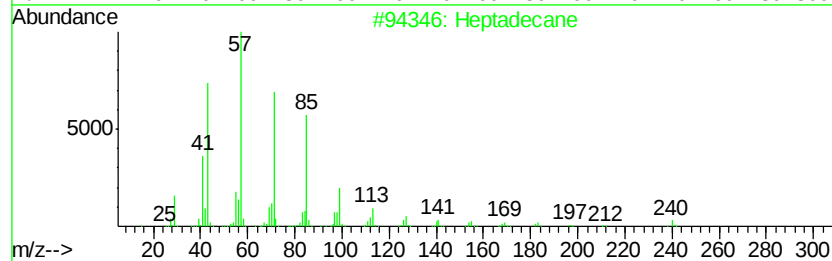
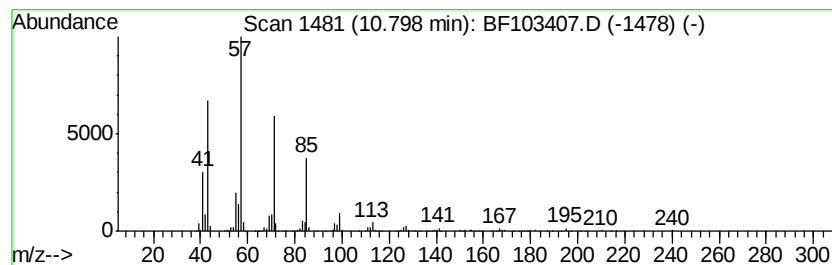
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 10 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	14.59 ng	741174	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane	240	C17H36	000629-78-7	97
2		Heneicosane	296	C21H44	000629-94-7	90
3		Hexadecane	226	C16H34	000544-76-3	90
4		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
5		Nonane, 5-butyl-	184	C13H28	017312-63-9	72



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

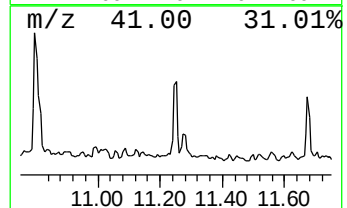
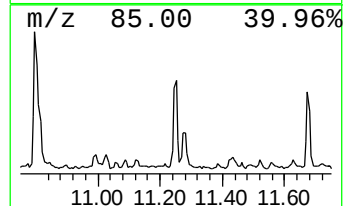
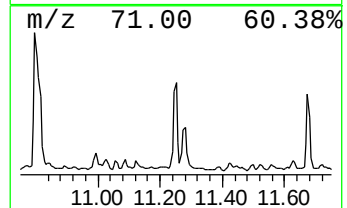
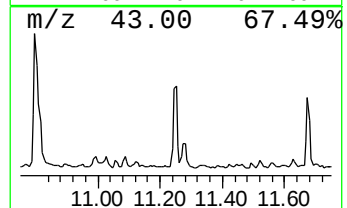
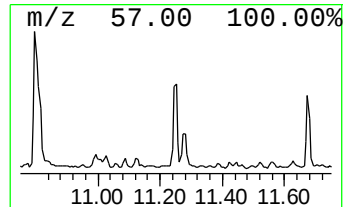
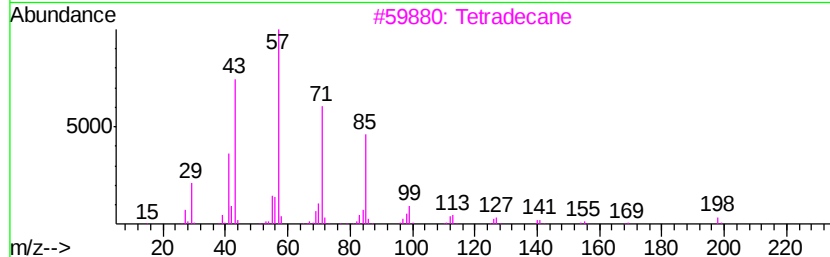
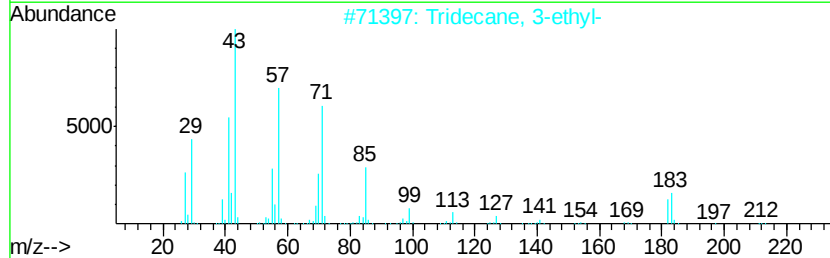
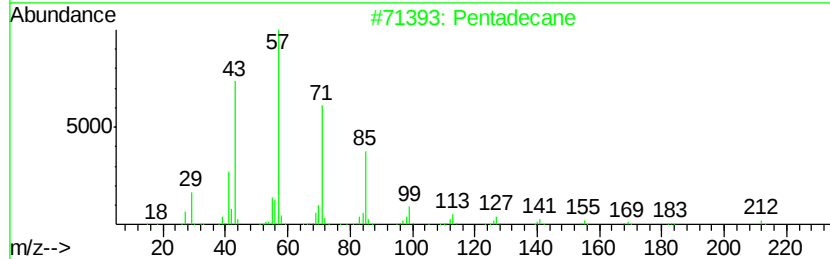
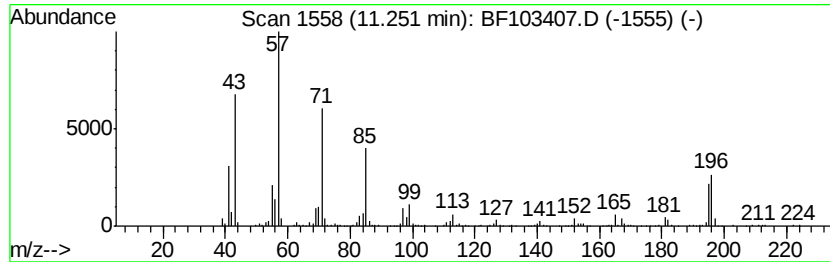
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 11 Pentadecane Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.25	8.24 ng	418957	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Pentadecane	212 C15H32	000629-62-9	92
2	Tridecane, 3-ethyl-	212 C15H32	013286-73-2	58
3	Tetradecane	198 C14H30	000629-59-4	52
4	Undecane, 3-methyl-	170 C12H26	001002-43-3	52
5	Hexadecane	226 C16H34	000544-76-3	52



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

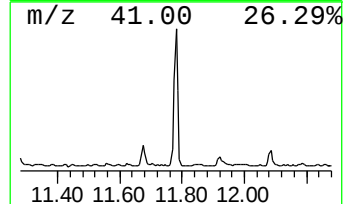
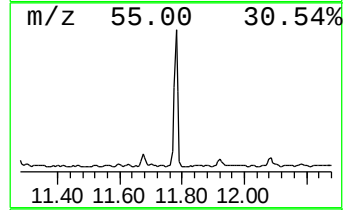
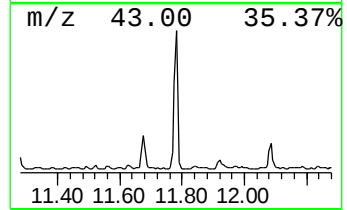
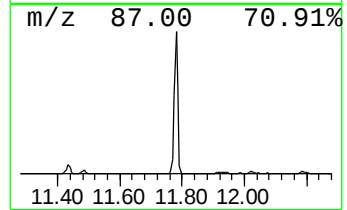
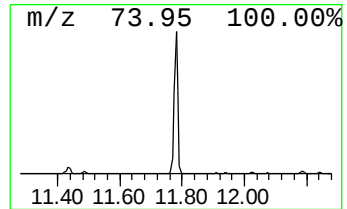
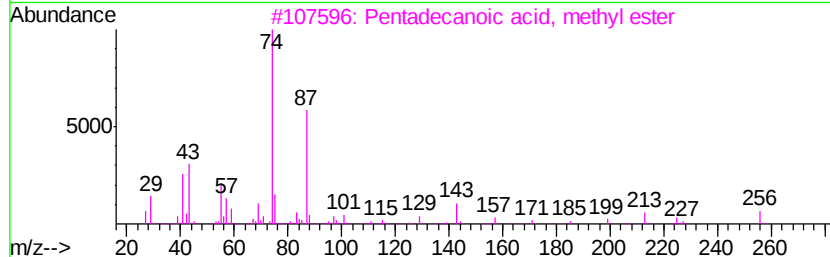
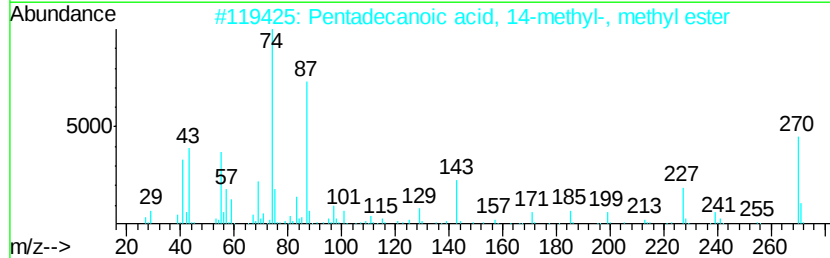
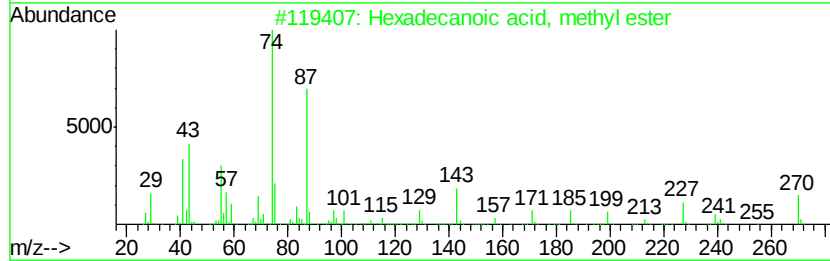
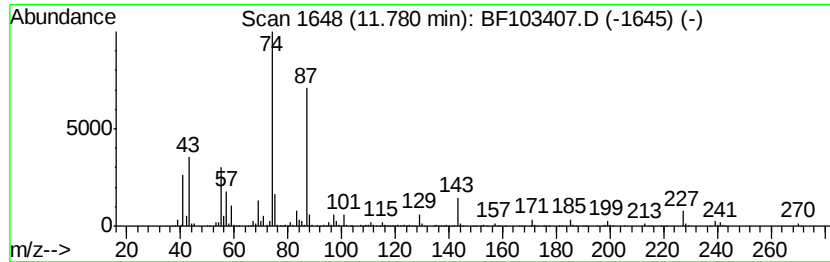
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.78	41.61 ng	2114250	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	94
2			Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	94
3			Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	90
4			Methyl 11-methyl-dodecanoate	228	C14H28O2	1000336-45-1	90
5			Dodecanoic acid, methyl ester	214	C13H26O2	000111-82-0	90



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

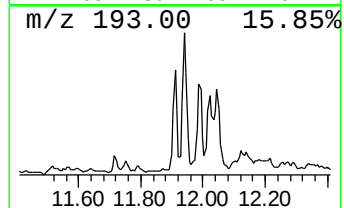
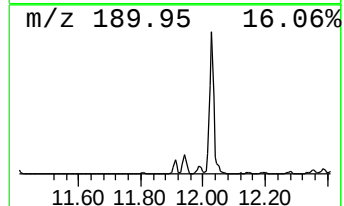
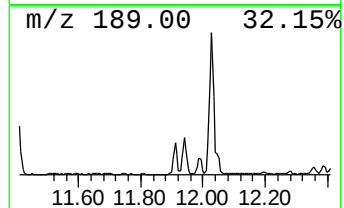
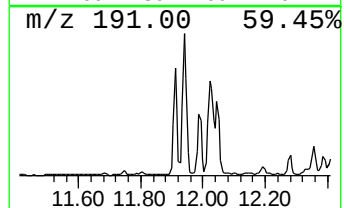
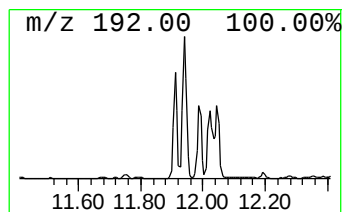
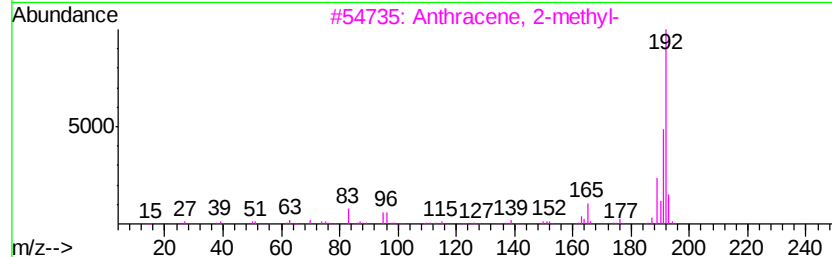
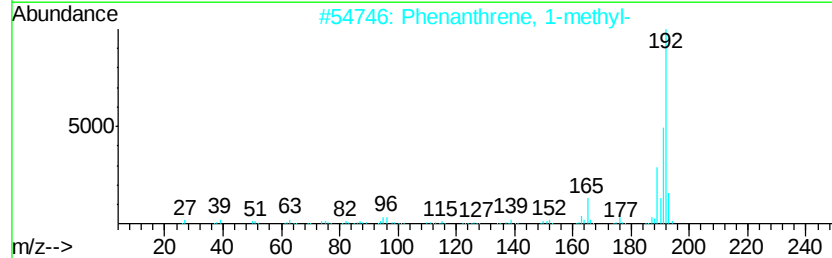
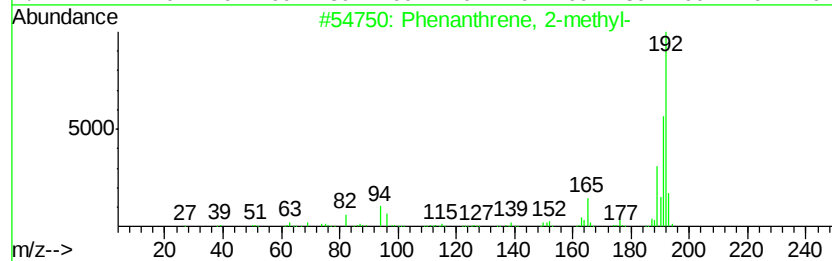
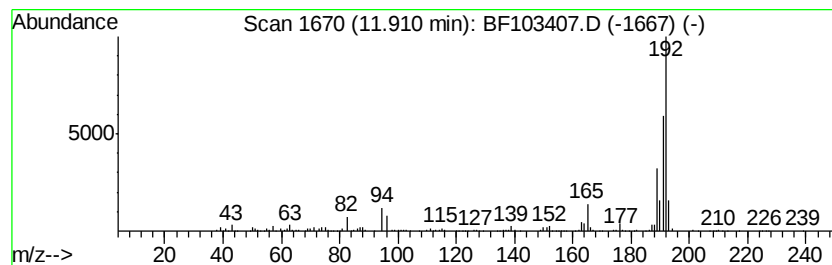
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Phenanthrene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.91	9.28 ng	471665	Phenanthrene-d10	11.41	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[1,1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

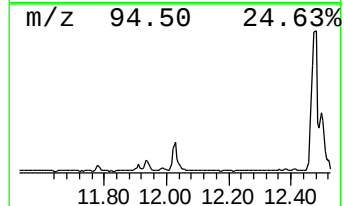
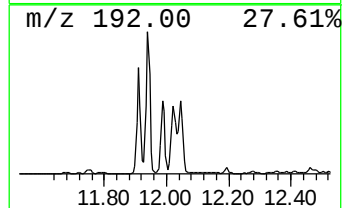
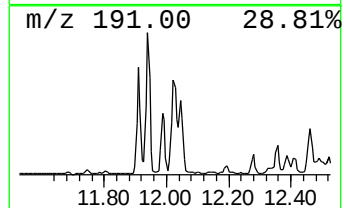
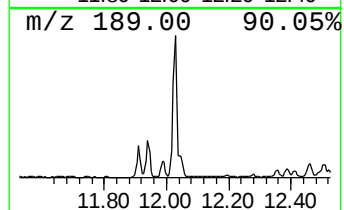
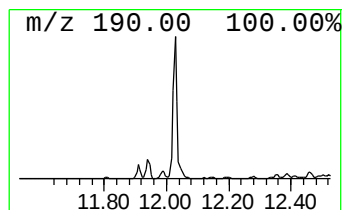
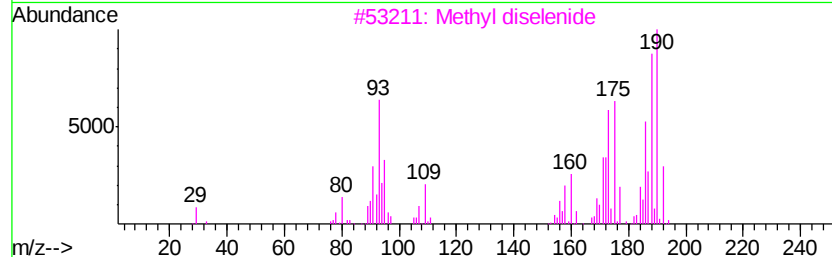
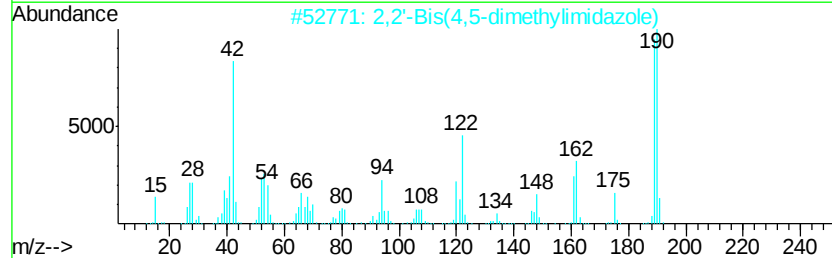
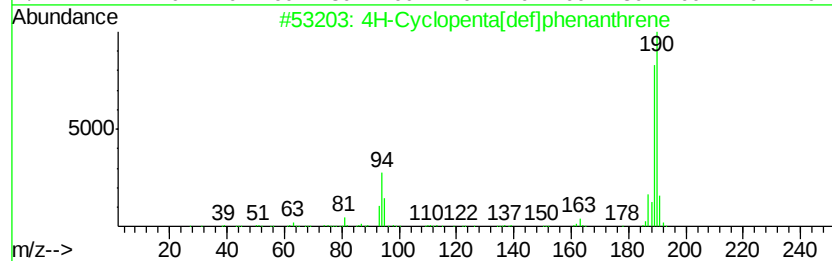
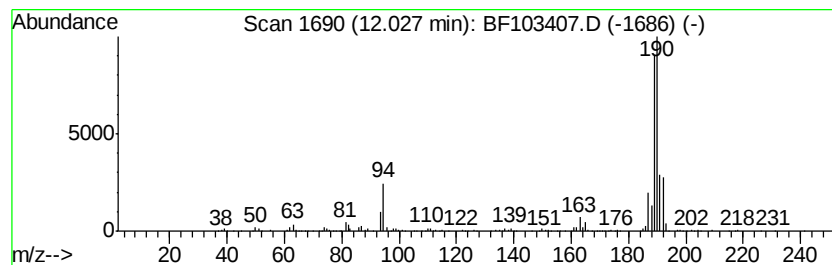
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	15.80 ng	802766	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3		Methyl diselenide	190	C2H6Se2	007101-31-7	43
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	33
5		1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

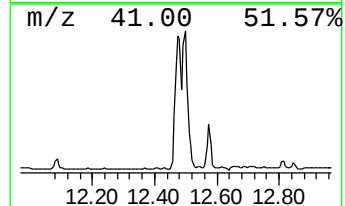
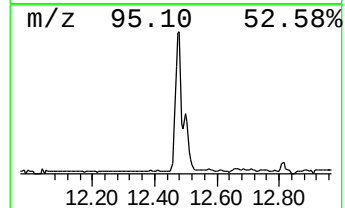
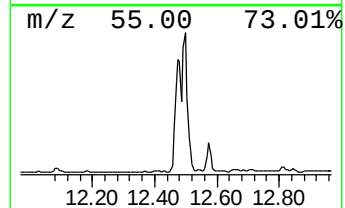
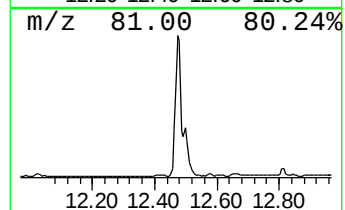
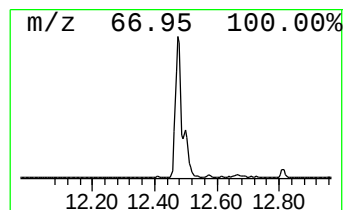
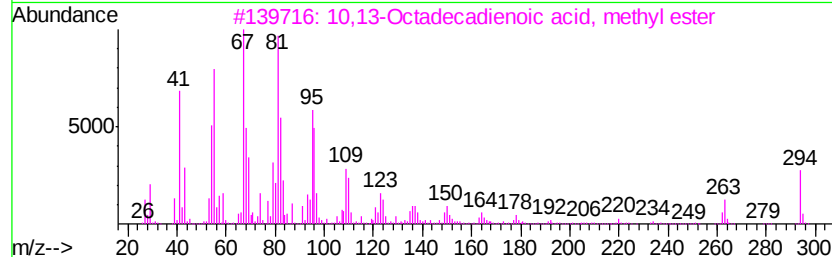
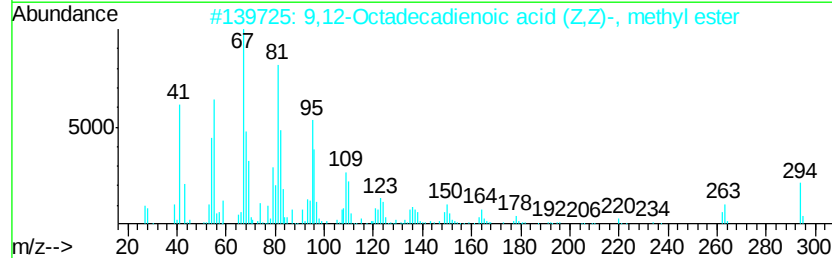
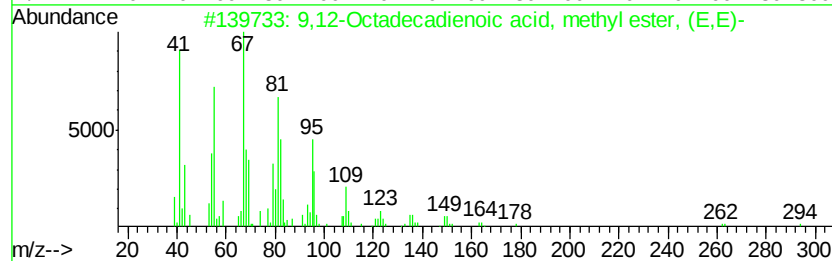
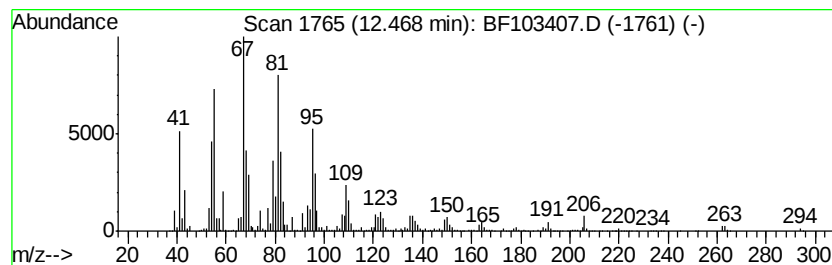
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	114.31 ng	5808720	Phenanthrene-d10	11.41

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002566-97-4	99
2		9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
4		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

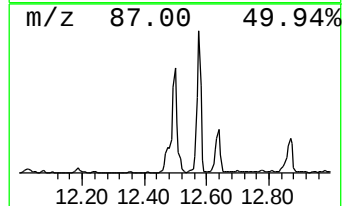
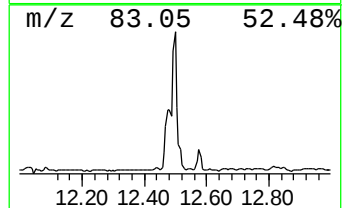
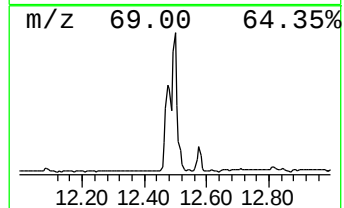
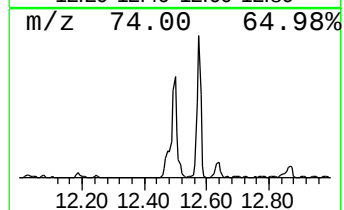
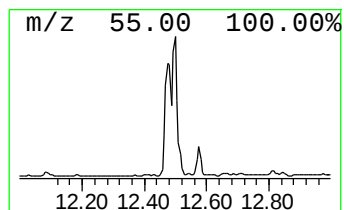
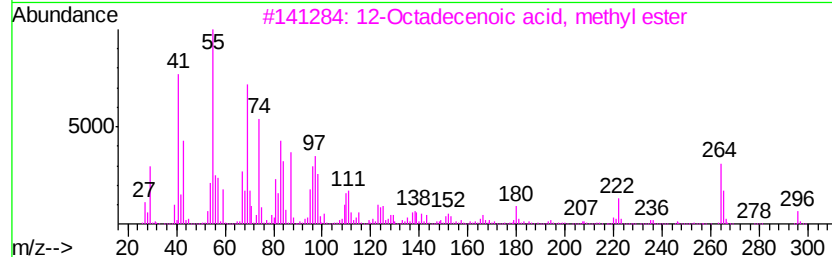
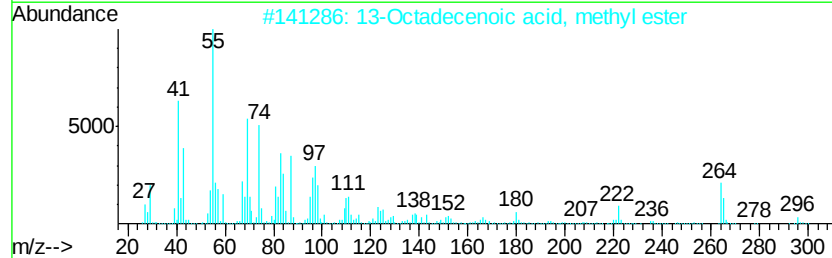
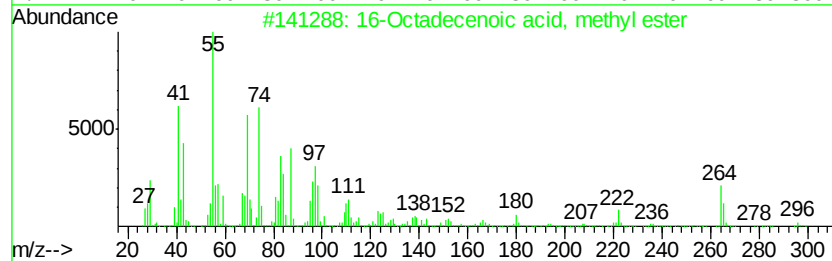
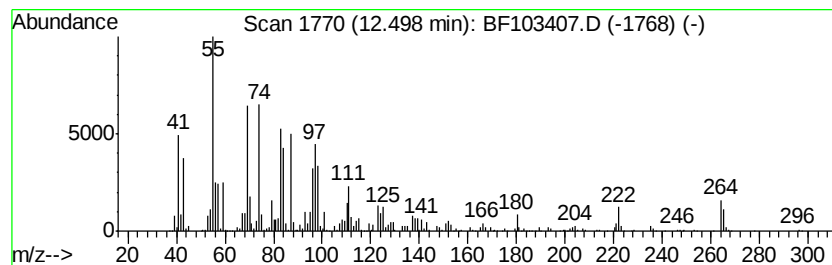
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 16-Octadecenoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	87.58 ng	4450300	Phenanthrene-d10	11.41

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2			13-Octadecenoic acid, methyl ester	296	C19H36O2	056554-47-3	95
3			12-Octadecenoic acid, methyl ester	296	C19H36O2	056554-46-2	95
4			14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	95
5			15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	94



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF030518\
Data File : BF103407.D
Acq On : 5 Mar 2018 14:10
Operator : SJ/JU
Sample : J1751-03 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

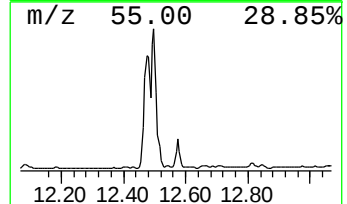
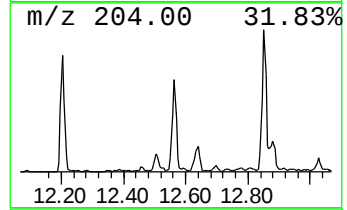
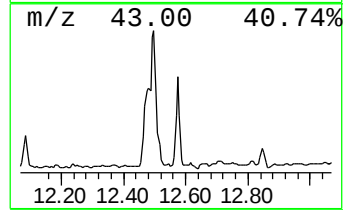
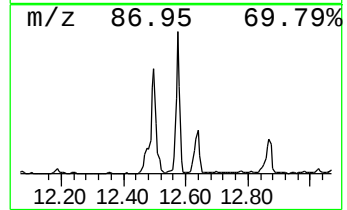
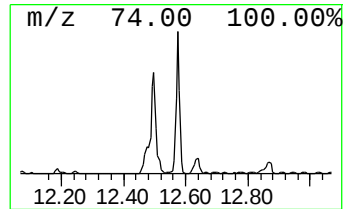
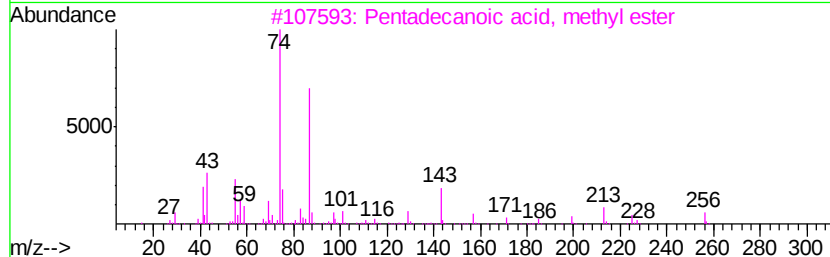
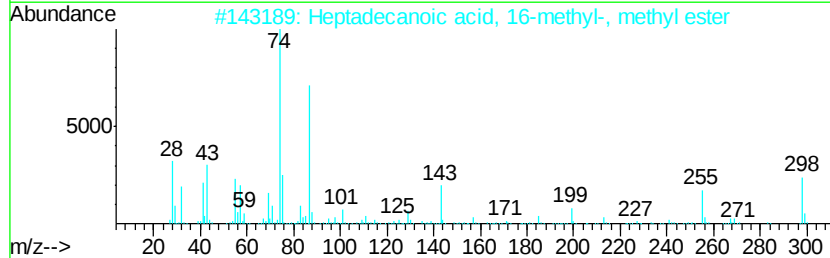
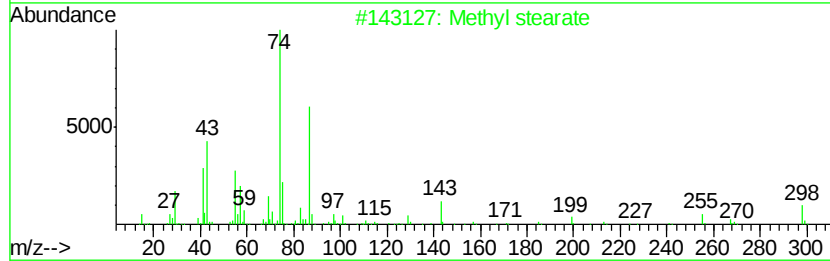
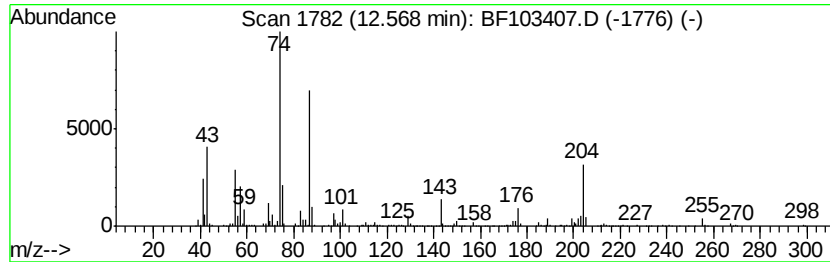
Instrument :
BNA_F
ClientSampleId :
JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 18 Methyl stearate Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	26.24 ng	1333280	Phenanthrene-d10	11.41
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methyl stearate	298 C19H38O2	000112-61-8 97
2		Heptadecanoic acid, 16-methyl-, ...	298 C19H38O2	005129-61-3 93
3		Pentadecanoic acid, methyl ester	256 C16H32O2	007132-64-1 93
4		Hexadecanoic acid, methyl ester	270 C17H34O2	000112-39-0 93
5		Heptadecanoic acid, methyl ester	284 C18H36O2	001731-92-6 91



Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_F\DATA\BF030518\
 Data File : BF103407.D
 Acq On : 5 Mar 2018 14:10
 Operator : SJ/JU
 Sample : J1751-03 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-030118-B

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.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
unknown6.65	6.65	32.9	ng	1815460	1	6.87	1103810	20.0
Undecane	6.69	15.4	ng	852080	1	6.87	1103810	20.0
Sulfurous acid, 2...	7.19	8.6	ng	472158	1	6.87	1103810	20.0
unknown8.43	8.43	7.9	ng	587751	2	8.16	1486330	20.0
Nonane, 5-butyl-	8.73	18.9	ng	1407490	2	8.16	1486330	20.0
Tetradecane	9.30	18.9	ng	1103450	3	9.92	1166910	20.0
Hexadecane	9.83	13.8	ng	803472	3	9.92	1166910	20.0
Heptadecane	10.80	14.6	ng	741174	4	11.41	1016330	20.0
Pentadecane	11.25	8.2	ng	418957	4	11.41	1016330	20.0
Hexadecanoic acid...	11.78	41.6	ng	2114250	4	11.41	1016330	20.0
Phenanthrene, 2-m...	11.91	9.3	ng	471665	4	11.41	1016330	20.0
4H-Cyclopenta[def...	12.03	15.8	ng	802766	4	11.41	1016330	20.0
9,12-Octadecadien...	12.47	114.3	ng	5808720	4	11.41	1016330	20.0
16-Octadecenoic a...	12.50	87.6	ng	4450300	4	11.41	1016330	20.0
Methyl stearate	12.57	26.2	ng	1333280	4	11.41	1016330	20.0