

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112543.D
 Acq On : 13 Feb 2019 17:13
 Operator : JU/SJ
 Sample : K1343-29 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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	5.469	572	575	588	rBV	713152	859086	7.44%	1.610%
2	6.486	744	748	766	rBV	738386	990883	8.58%	1.857%
3	6.610	766	769	776	rVV	1069280	1013717	8.77%	1.900%
4	6.834	804	807	814	rVB	731258	635534	5.50%	1.191%
5	6.992	829	834	844	rBV	882762	819993	7.10%	1.537%
6	7.398	900	903	906	rBV	588639	527891	4.57%	0.990%
7	7.428	906	908	912	rVB	141374	117159	1.01%	0.220%
8	8.098	1019	1022	1023	rBV	290302	263609	2.28%	0.494%
9	8.116	1023	1025	1031	rVV	826430	858807	7.43%	1.610%
10	8.175	1031	1035	1037	rVB2	134814	162822	1.41%	0.305%
11	8.404	1070	1074	1079	rBV5	123657	174614	1.51%	0.327%
12	8.533	1093	1096	1098	rVV	153937	120461	1.04%	0.226%
13	8.622	1107	1111	1113	rBV2	184020	172386	1.49%	0.323%
14	8.704	1122	1125	1129	rBV	529642	445086	3.85%	0.834%
15	8.939	1162	1165	1167	rBV2	202127	157710	1.37%	0.296%
16	9.069	1183	1187	1191	rBV5	127162	183028	1.58%	0.343%
17	9.133	1196	1198	1200	rVV2	212629	164800	1.43%	0.309%
18	9.192	1204	1208	1212	rVV	1231582	1077890	9.33%	2.020%
19	9.269	1217	1221	1224	rBV	644508	575141	4.98%	1.078%
20	9.345	1231	1234	1236	rVB	144806	134578	1.16%	0.252%
21	9.527	1258	1265	1267	rBV7	118730	212940	1.84%	0.399%
22	9.592	1271	1276	1278	rVV3	287947	400801	3.47%	0.751%
23	9.616	1278	1280	1283	rVV2	119966	127483	1.10%	0.239%
24	9.651	1283	1286	1288	rVB	132161	117162	1.01%	0.220%
25	9.798	1308	1311	1314	rVB	693803	508650	4.40%	0.953%
26	9.874	1321	1324	1327	rVB	879950	732163	6.34%	1.372%
27	10.033	1347	1351	1353	rBV3	81135	121952	1.06%	0.229%
28	10.122	1362	1366	1370	rBV5	149805	202082	1.75%	0.379%
29	10.192	1374	1378	1381	rBV4	73940	117126	1.01%	0.220%
30	10.298	1390	1396	1399	rBV	723415	636715	5.51%	1.194%
31	10.427	1411	1418	1420	rBV3	104351	174980	1.51%	0.328%
32	10.516	1429	1433	1439	rVB	221838	315067	2.73%	0.591%
33	10.669	1456	1459	1469	rBV	568173	605183	5.24%	1.134%
34	10.769	1473	1476	1486	rVB	615297	730349	6.32%	1.369%

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
 Data File : BF112543.D
 Acq On : 13 Feb 2019 17:13
 Operator : JU/SJ
 Sample : K1343-29 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
 Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	11.216	1549	1552	1555	rBV	506846	432319	3.74%	0.810%
36	11.245	1555	1557	1563	rVB2	202528	266449	2.31%	0.499%
37	11.363	1574	1577	1579	rBV	742255	686012	5.94%	1.286%
38	11.386	1579	1581	1587	rVV	583290	583579	5.05%	1.094%
39	11.439	1587	1590	1596	rVB	108369	131375	1.14%	0.246%
40	11.598	1614	1617	1622	rBV3	92746	125928	1.09%	0.236%
41	11.645	1622	1625	1627	rVV	440441	347714	3.01%	0.652%
42	11.669	1627	1629	1632	rVB	156436	116832	1.01%	0.219%
43	11.745	1638	1642	1646	rBV	3764927	3575629	30.95%	6.702%
44	11.886	1661	1666	1672	rBV2	271953	383222	3.32%	0.718%
45	11.980	1680	1682	1689	rVB3	93221	120828	1.05%	0.226%
46	12.051	1690	1694	1699	rVB	362777	328761	2.85%	0.616%
47	12.445	1754	1761	1762	rBV	7467158	9775559	84.61%	18.324%
48	12.468	1762	1765	1770	rVV2	9788314	11553104	100.00%	21.656%
49	12.539	1774	1777	1780	rVB	1940414	1488414	12.88%	2.790%
50	12.586	1781	1785	1791	rBV2	900995	1636741	14.17%	3.068%
51	12.774	1813	1817	1819	rBV	380936	352460	3.05%	0.661%
52	12.815	1819	1824	1830	rVB2	672389	774122	6.70%	1.451%
53	12.945	1842	1846	1849	rBV	1015141	914168	7.91%	1.714%
54	13.098	1869	1872	1874	rBV	285290	283141	2.45%	0.531%
55	13.121	1874	1876	1878	rVV3	181370	225458	1.95%	0.423%
56	13.168	1882	1884	1885	rVV	276431	242519	2.10%	0.455%
57	13.180	1885	1886	1889	rVB	280820	223376	1.93%	0.419%
58	13.263	1895	1900	1904	rBV2	323871	383446	3.32%	0.719%
59	13.510	1939	1942	1945	rBV	161427	149114	1.29%	0.280%
60	13.839	1995	1998	2001	rVB	210552	181874	1.57%	0.341%
61	13.927	2010	2013	2019	rBV	252579	277427	2.40%	0.520%
62	14.015	2023	2028	2031	rBV2	787505	973670	8.43%	1.825%
63	14.039	2031	2032	2035	rVB	199018	144044	1.25%	0.270%
64	14.151	2049	2051	2054	rBV	172857	150293	1.30%	0.282%
65	14.457	2101	2103	2108	rVB	245636	226771	1.96%	0.425%
66	14.762	2152	2155	2158	rBV	211054	199458	1.73%	0.374%
67	14.886	2171	2176	2179	rBV	446035	669627	5.80%	1.255%
68	15.098	2209	2212	2222	rVB2	308245	428408	3.71%	0.803%
69	15.474	2273	2276	2278	rBV	158708	198890	1.72%	0.373%
70	15.498	2278	2280	2284	rVB	302904	339904	2.94%	0.637%

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

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

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

Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

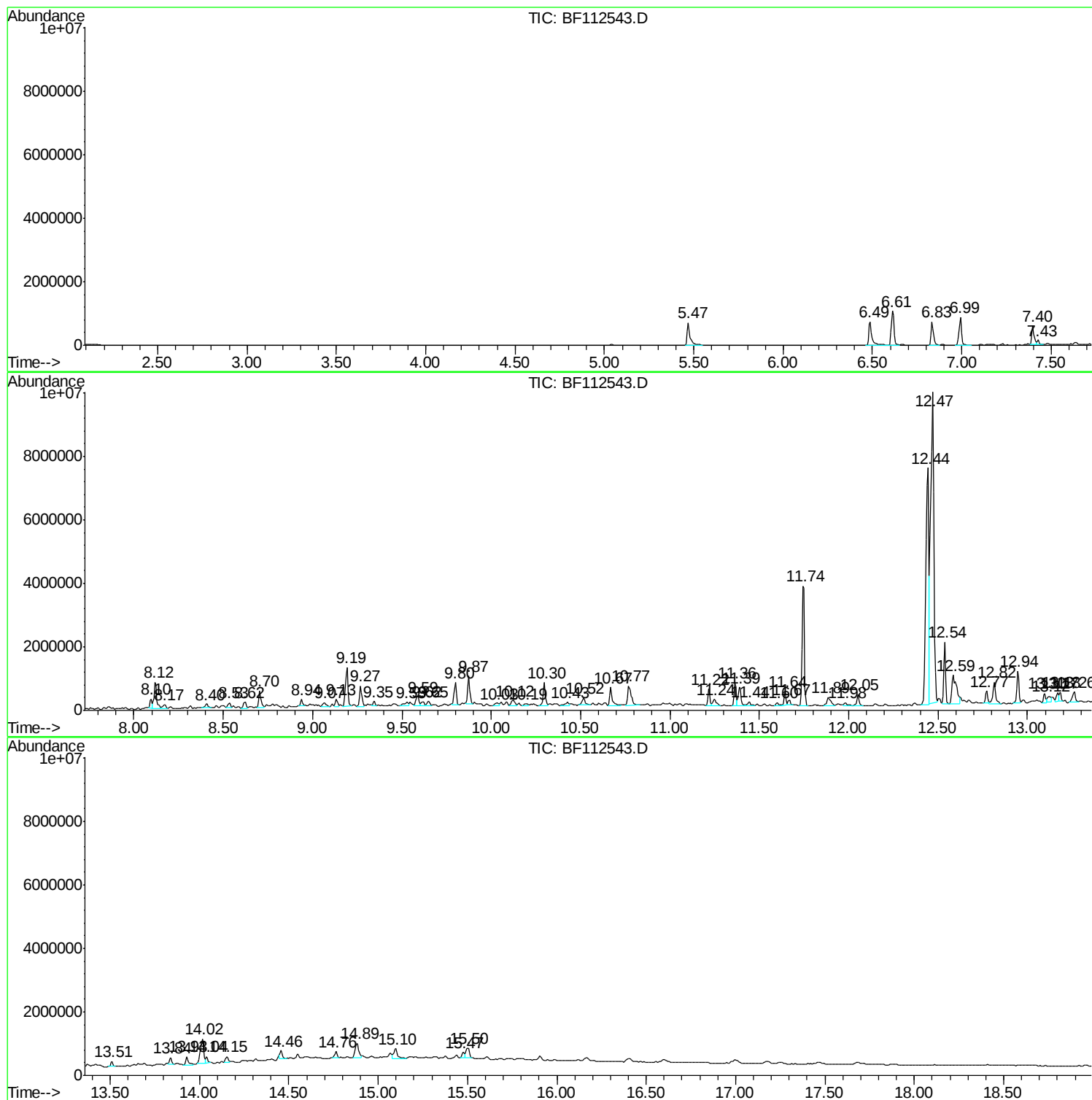
Sum of corrected areas: 53348484

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

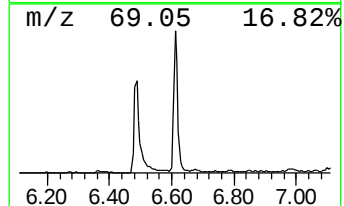
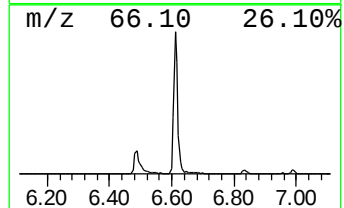
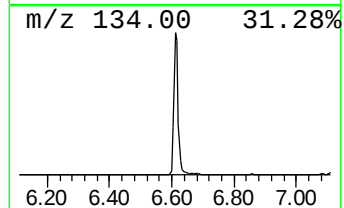
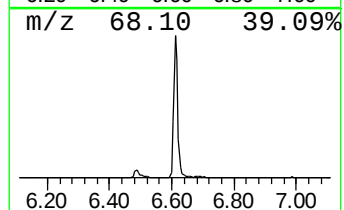
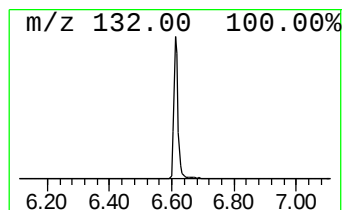
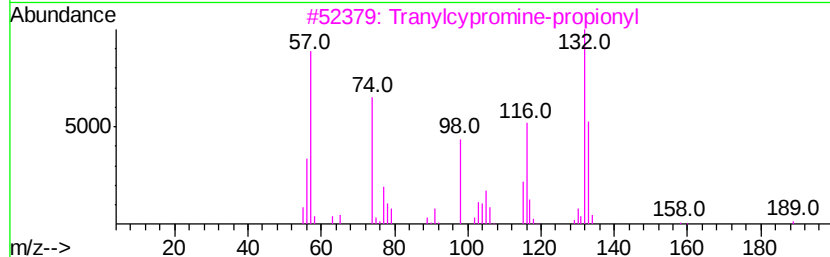
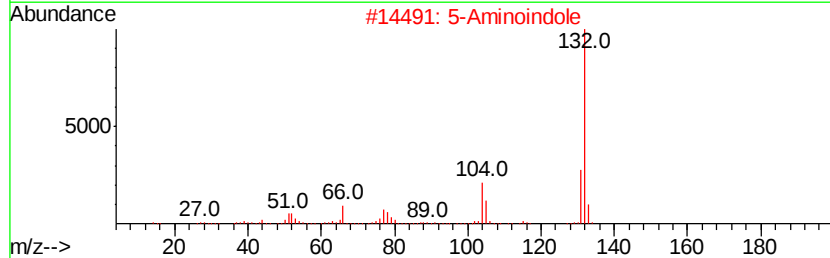
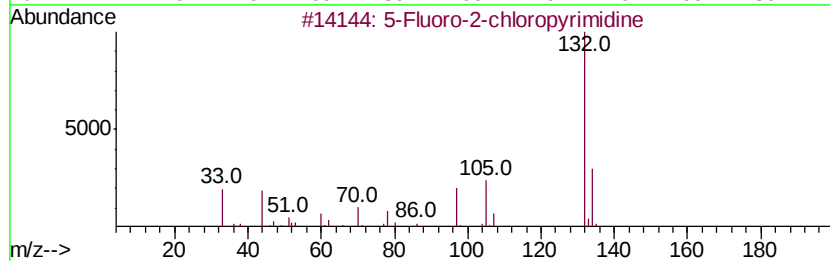
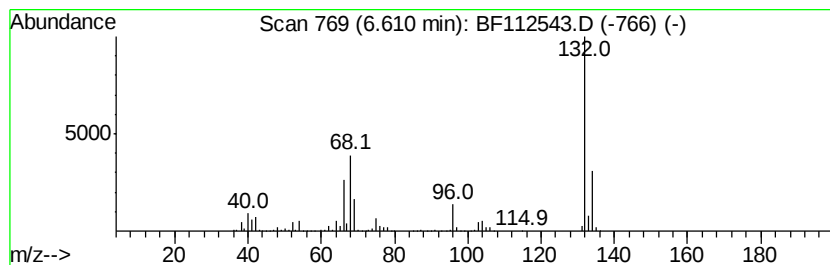
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 1 unknown6.61 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	31.90 ng	1013720	1,4-Dichlorobenzene-d4	6.83

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2		5-Aminoindole	132	C8H8N2	005192-03-0	12
3		Tranvlcyproline-propionyl	189	C12H15NO	1000123-86-3	10
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



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

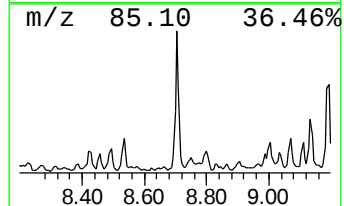
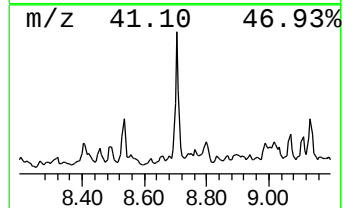
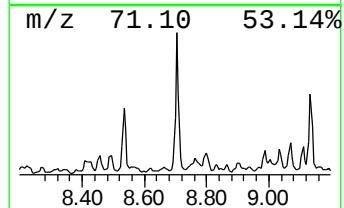
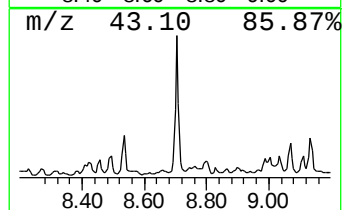
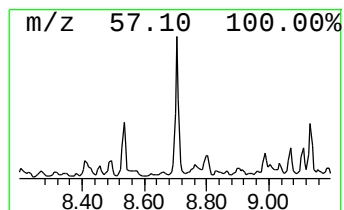
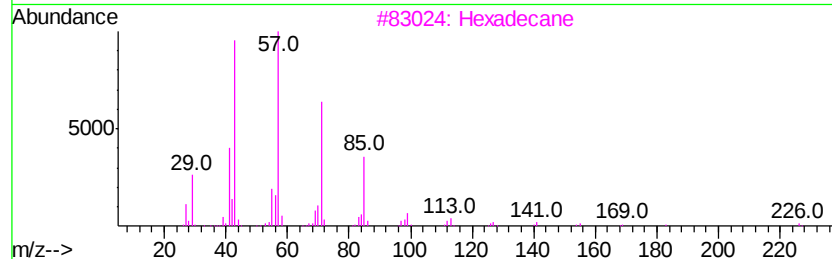
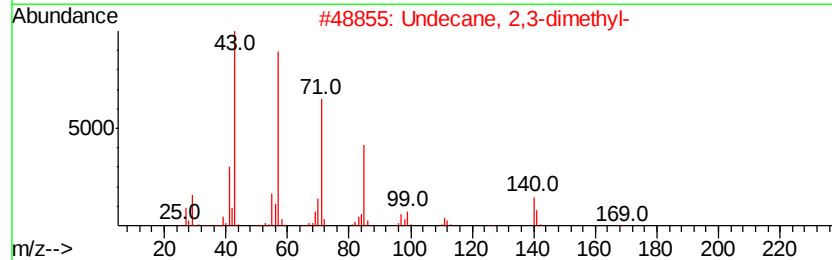
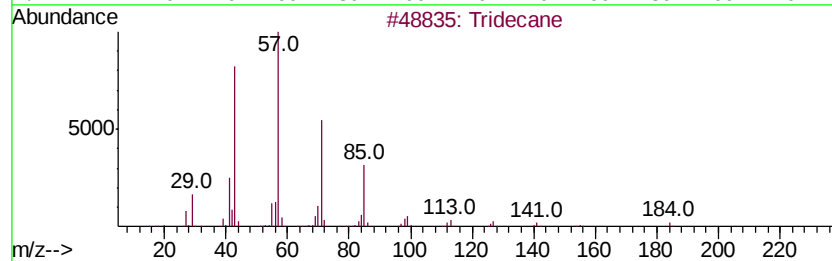
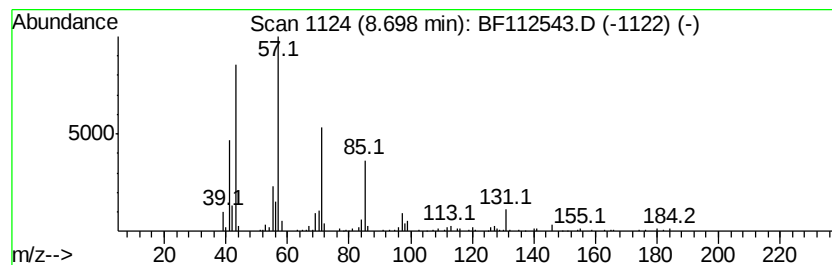
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 3 Tridecane Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
8.70	10.37 ng	445086	Naphthalene-d8	8.12	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	80
3	Hexadecane	226	C16H34	000544-76-3	74
4	Tetradecane	198	C14H30	000629-59-4	72
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	55



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

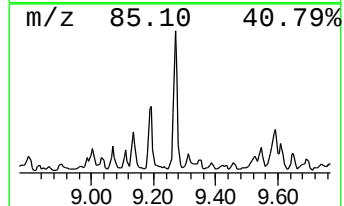
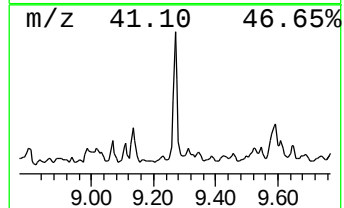
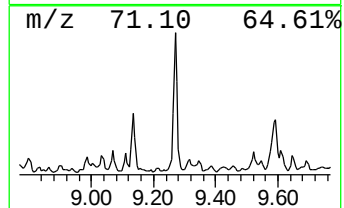
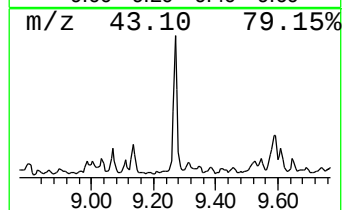
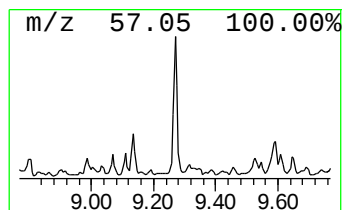
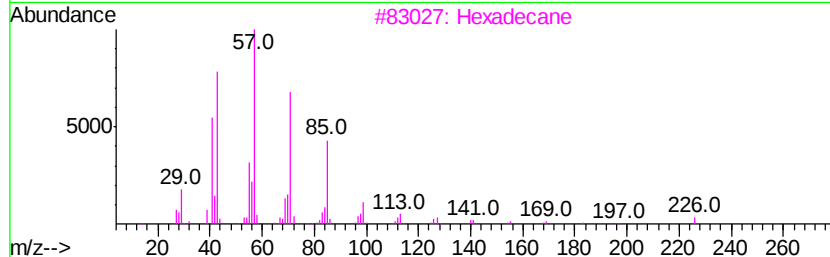
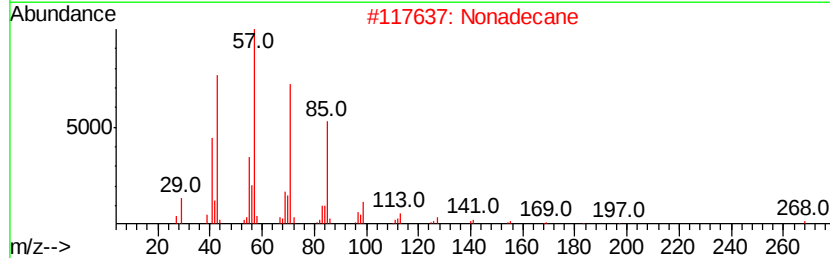
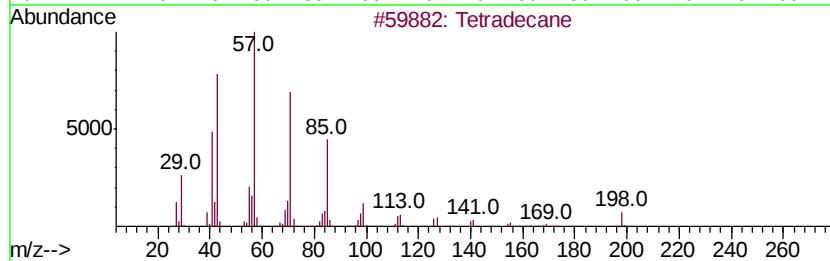
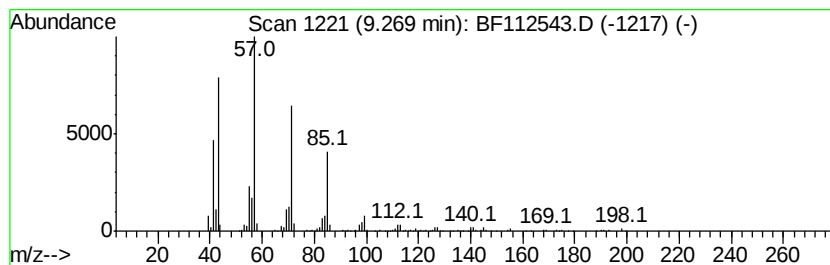
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 4 Tetradecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	15.71 ng	575141	Acenaphthene-d10	9.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Tetradecane	198	C14H30	000629-59-4	97
2		Nonadecane	268	C19H40	000629-92-5	91
3		Hexadecane	226	C16H34	000544-76-3	91
4		Tridecane	184	C13H28	000629-50-5	86
5		Tridecane, 6-methyl-	198	C14H30	013287-21-3	68



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

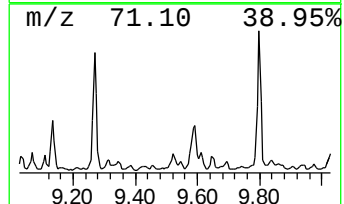
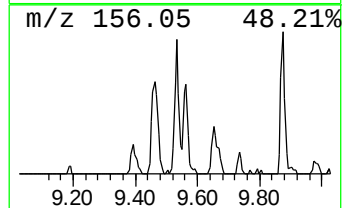
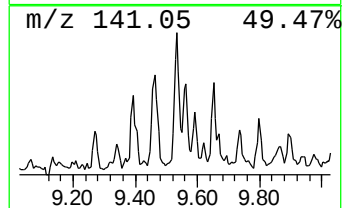
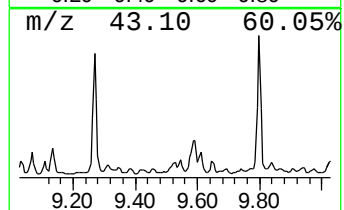
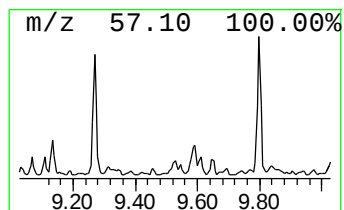
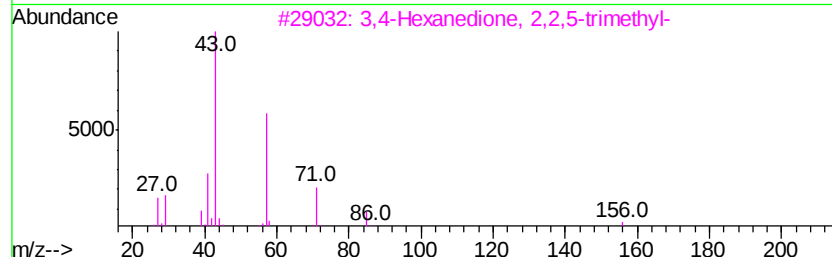
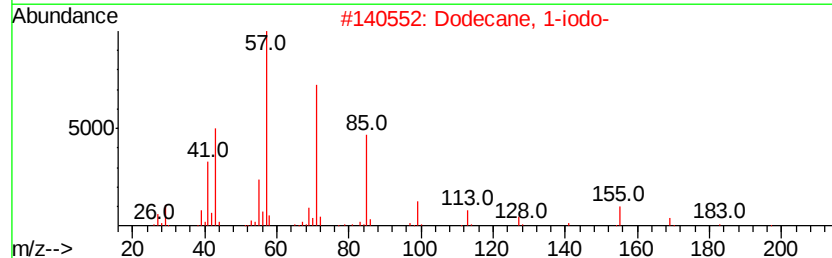
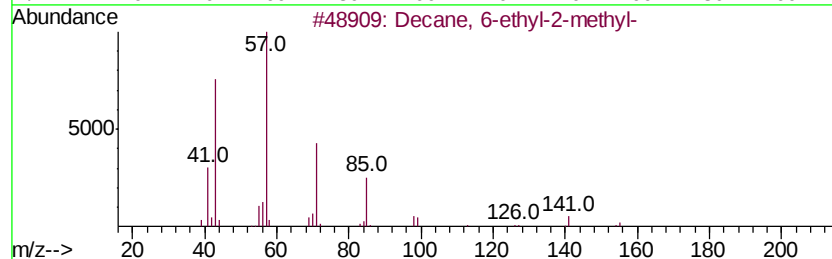
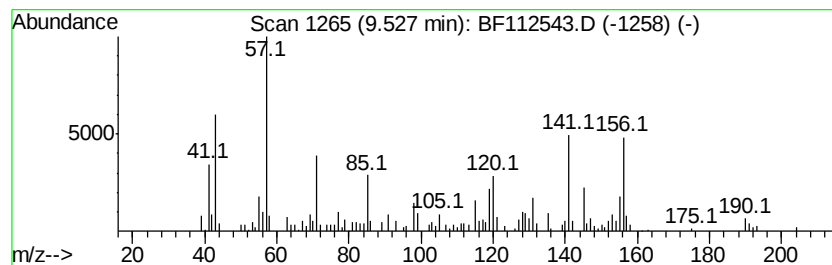
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 5 unknown9.53 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.53	5.82 ng	212940	Acenaphthene-d10	9.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	27
2		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	14
3		3,4-Hexanedione, 2,2,5-trimethyl-	156	C9H16O2	020633-03-8	14
4		Decane	142	C10H22	000124-18-5	11
5		Sulfurous acid, 2-ethylhexyl non...	320	C17H36O3S	1000309-19-2	10



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

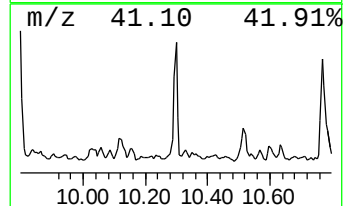
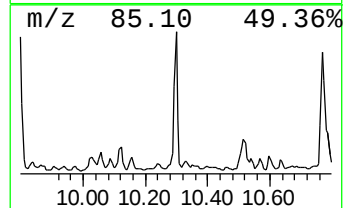
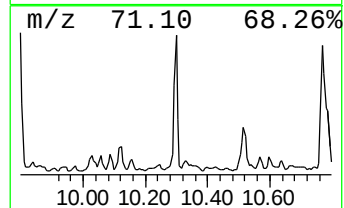
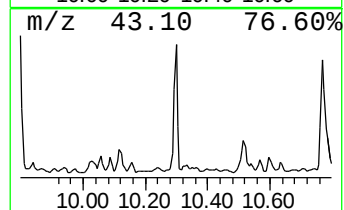
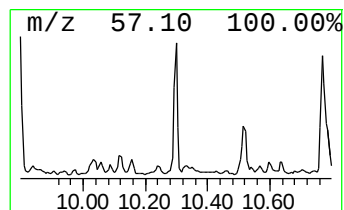
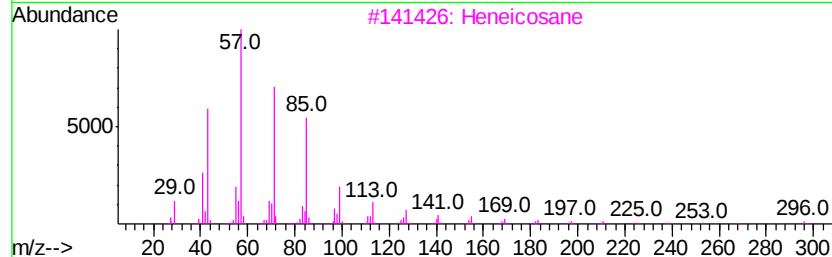
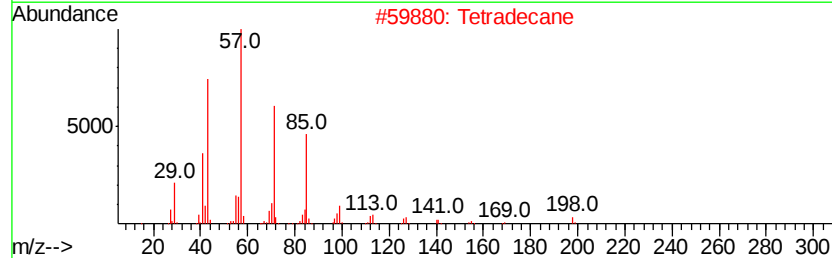
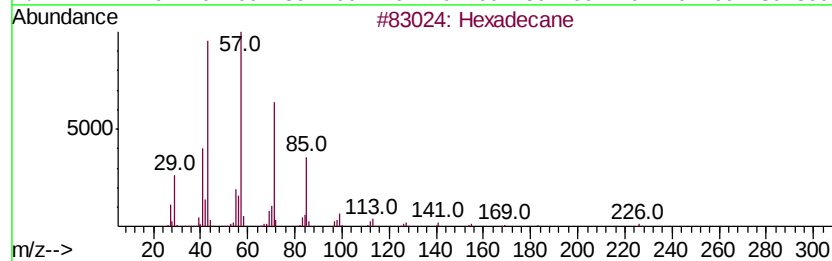
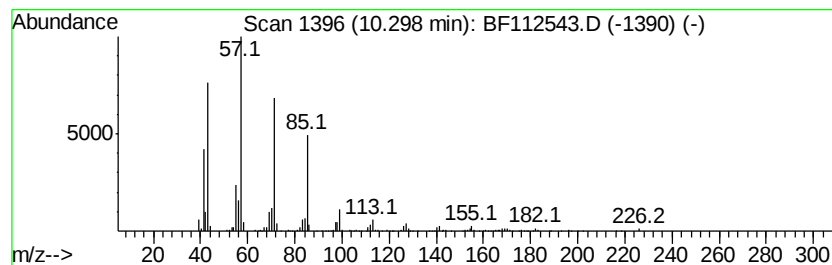
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 7 Hexadecane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	17.39 ng	636715	Acenaphthene-d10	9.87
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Hexadecane	226 C16H34	000544-76-3	95
2	Tetradecane	198 C14H30	000629-59-4	91
3	Heneicosane	296 C21H44	000629-94-7	91
4	Sulfurous acid, 2-propyl tetradec...	320 C17H36O3S	1000309-12-5	90
5	Undecane, 2-methyl-	170 C12H26	007045-71-8	80



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

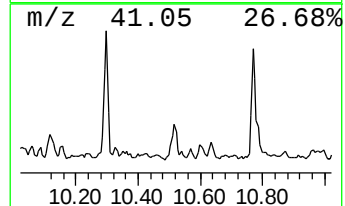
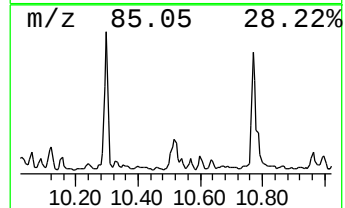
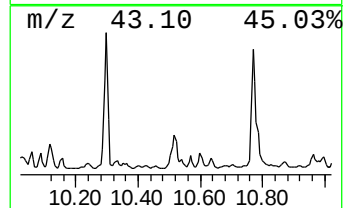
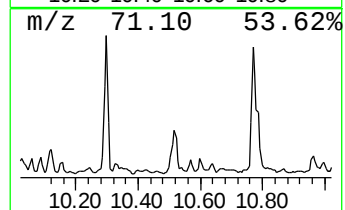
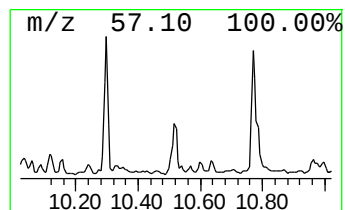
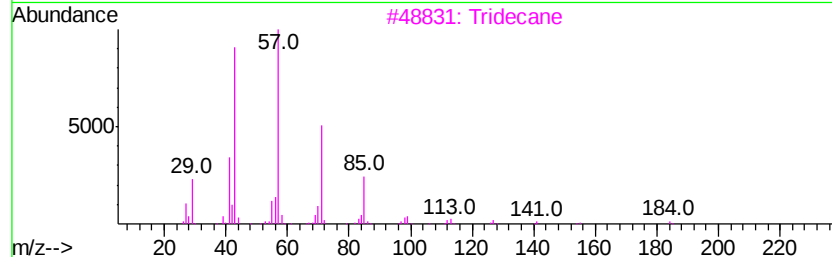
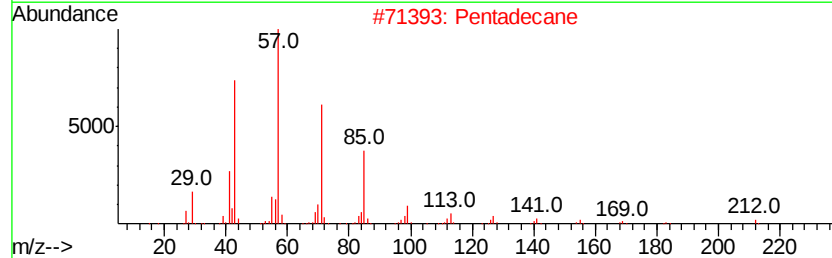
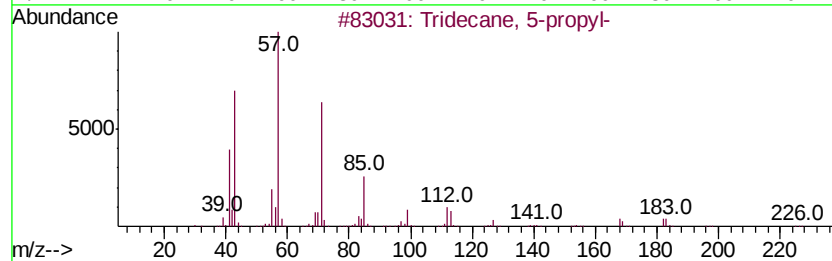
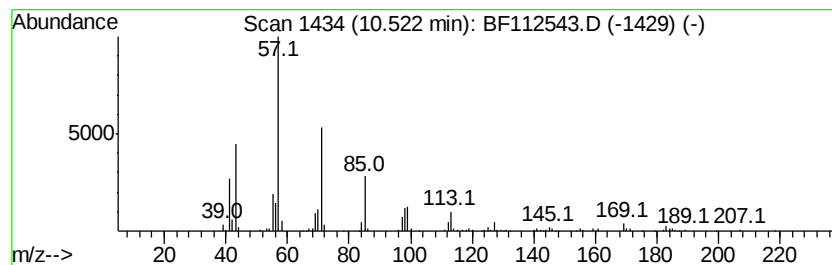
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 8 Tridecane, 5-propyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD		R.T.
10.52	8.61 ng	315067	Acenaphthene-d10		9.87
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 5-propyl-	226	C16H34	055045-11-9	72
2	Pentadecane	212	C15H32	000629-62-9	72
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	64
5	Undecane, 2,5-dimethyl-	184	C13H28	017301-22-3	58



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

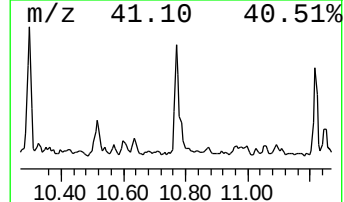
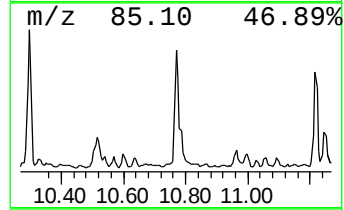
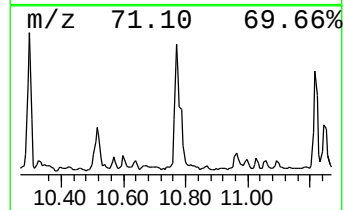
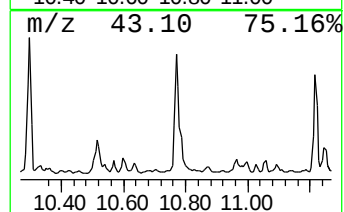
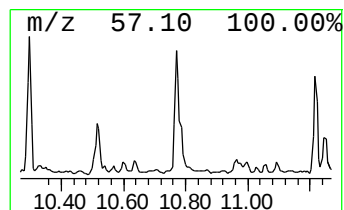
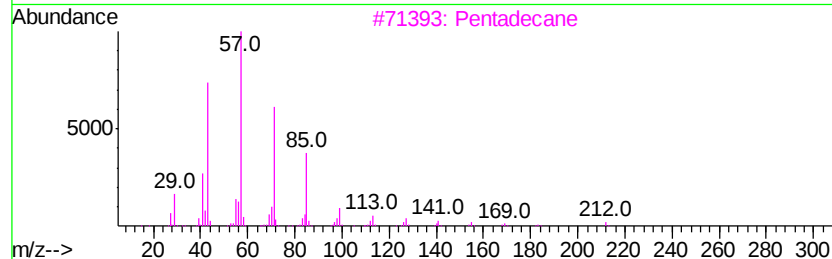
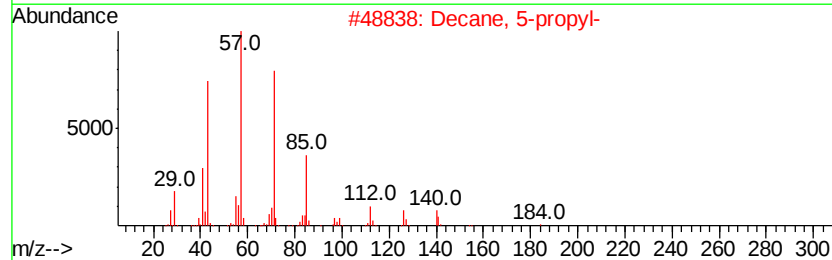
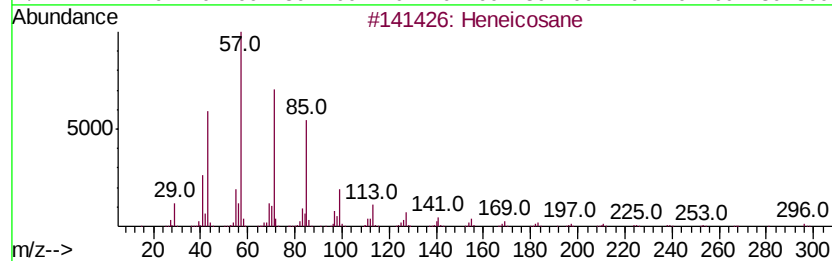
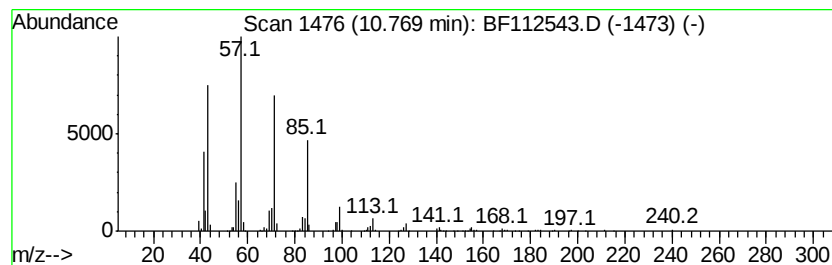
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 9 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.77	21.29 ng	730349	Phenanthrene-d10	11.36

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane		296	C21H44	000629-94-7	91
2	Decane, 5-propyl-		184	C13H28	017312-62-8	90
3	Pentadecane		212	C15H32	000629-62-9	90
4	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90
5	Dodecane, 1-iodo-		296	C12H25I	004292-19-7	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

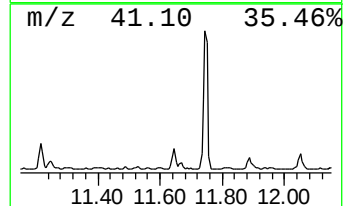
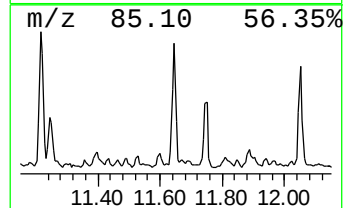
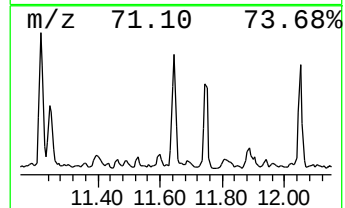
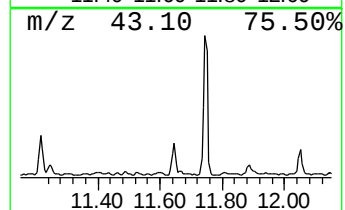
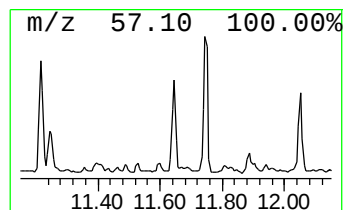
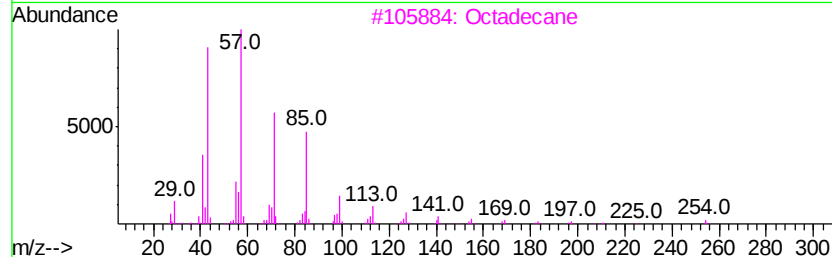
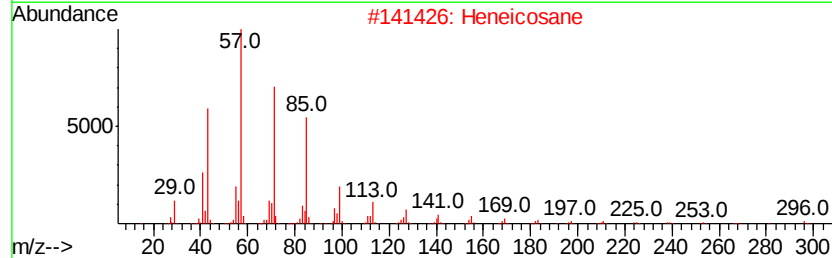
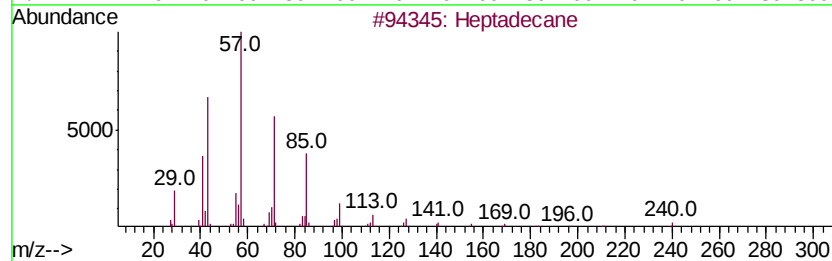
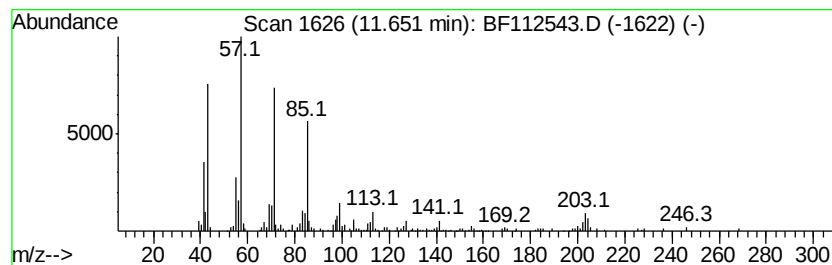
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
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 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
11.65	10.14 ng	347714	Phenanthrene-d10		11.36	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane		240	C17H36	000629-78-7	91
2	Heneicosane		296	C21H44	000629-94-7	91
3	Octadecane		254	C18H38	000593-45-3	91
4	Nonadecane		268	C19H40	000629-92-5	90
5	Tridecane, 1-iodo-		310	C13H27I	035599-77-0	90



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

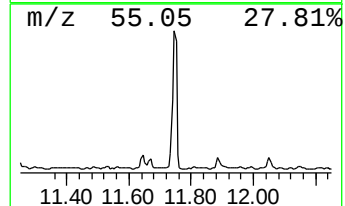
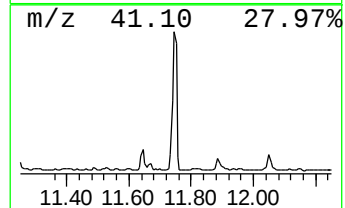
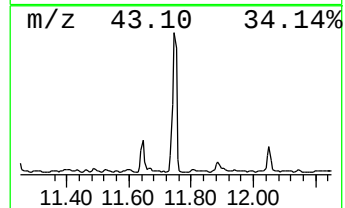
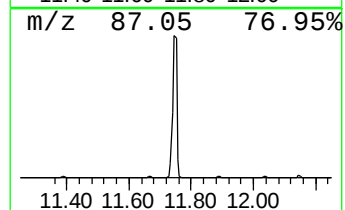
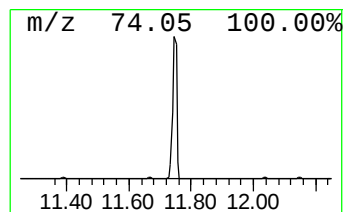
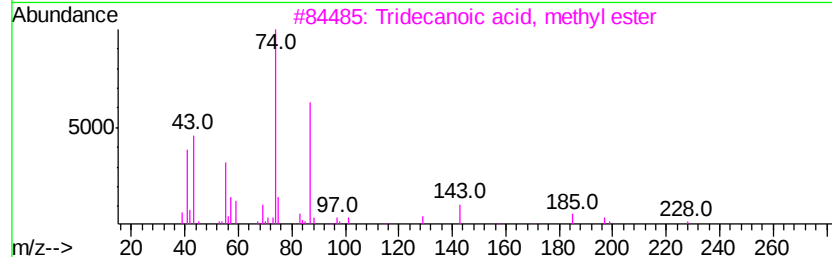
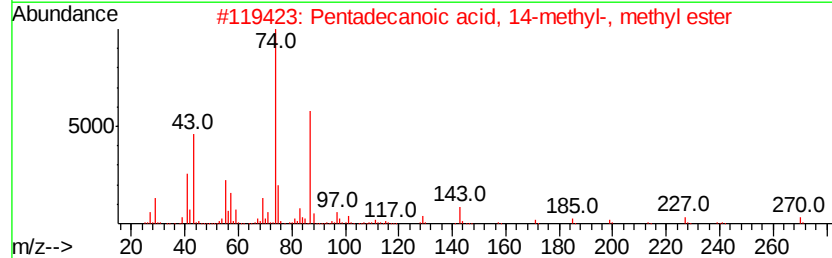
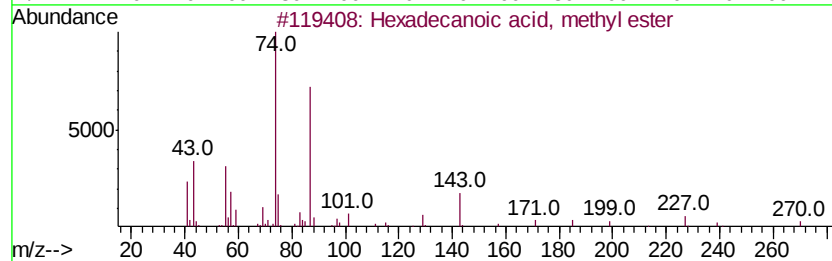
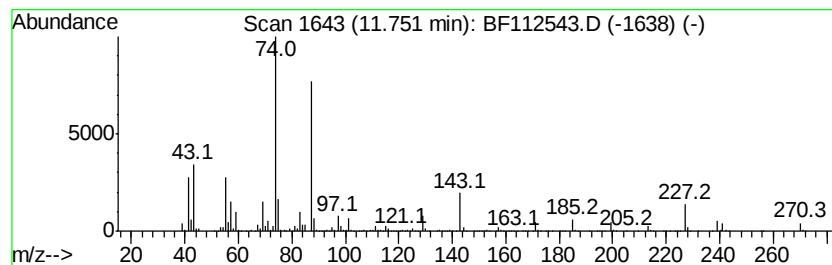
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 13 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	104.24 ng	3575630	Phenanthrene-d10	11.36

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	96
3		Tridecanoic acid, methyl ester	228	C14H28O2	001731-88-0	93
4		Decanoic acid, methyl ester	186	C11H22O2	000110-42-9	87
5		Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

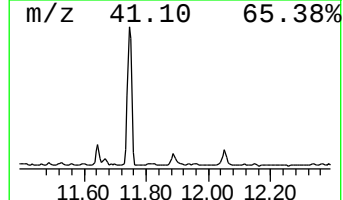
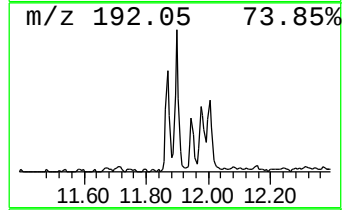
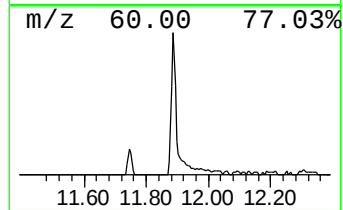
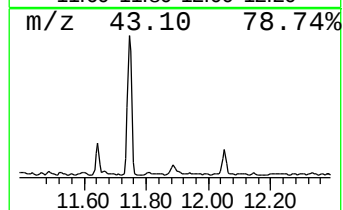
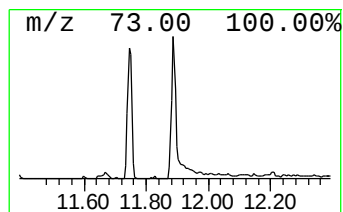
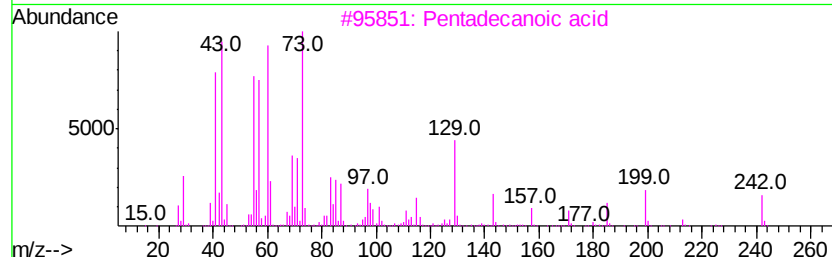
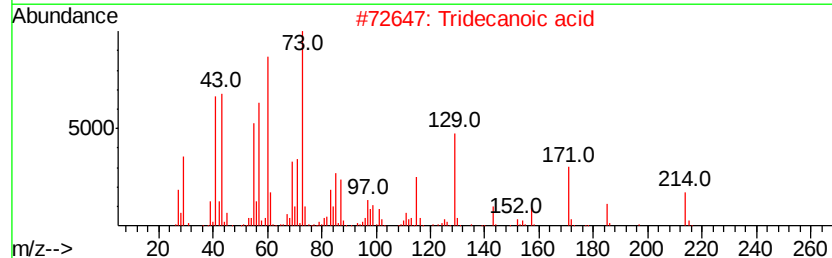
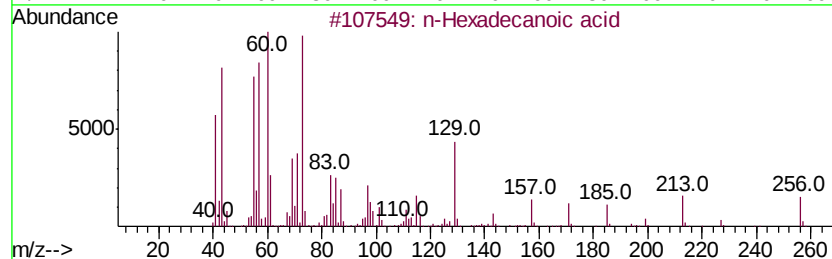
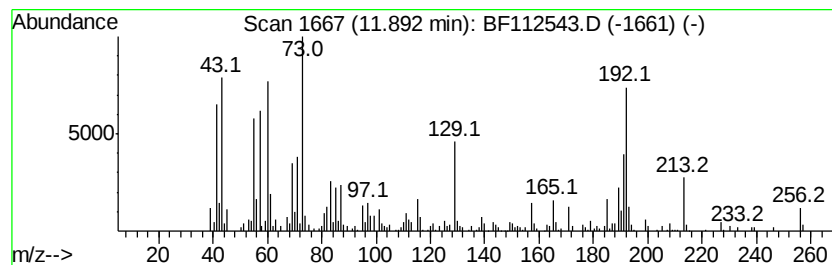
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 14 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	11.17 ng	383222	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		Tridecanoic acid	214	C13H26O2	000638-53-9	86
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	81
4		n-Decanoic acid	172	C10H20O2	000334-48-5	76
5		Tetradecane	198	C14H30	000629-59-4	25



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

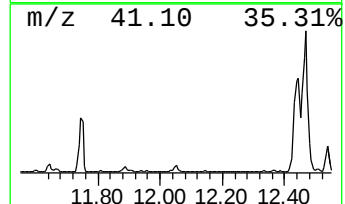
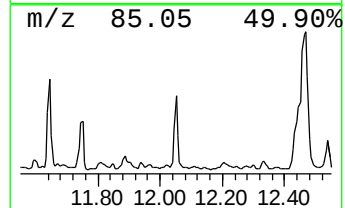
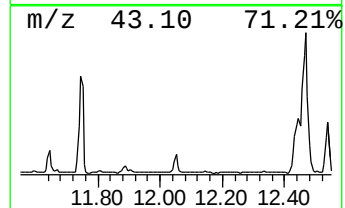
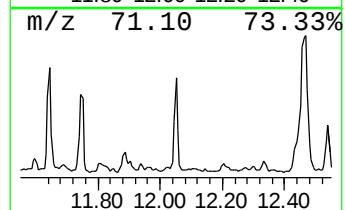
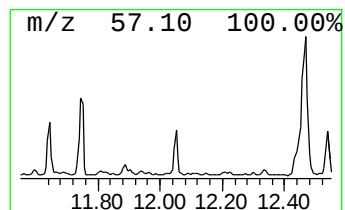
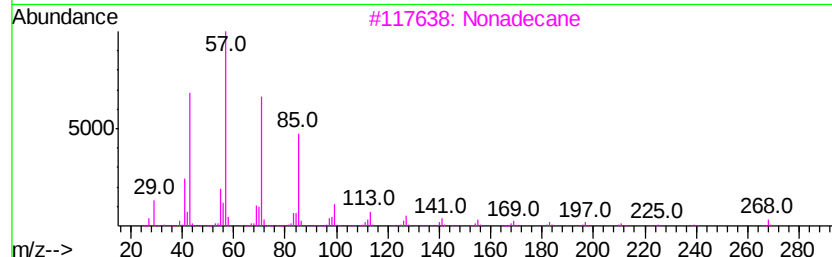
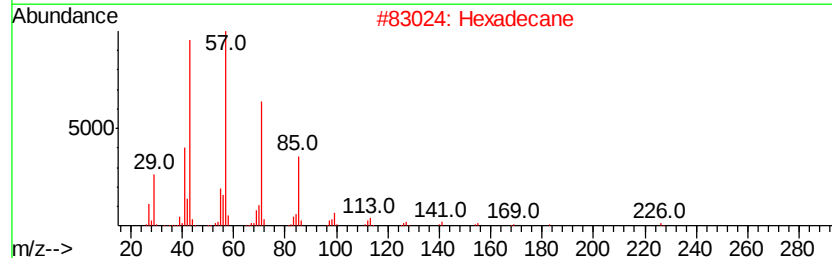
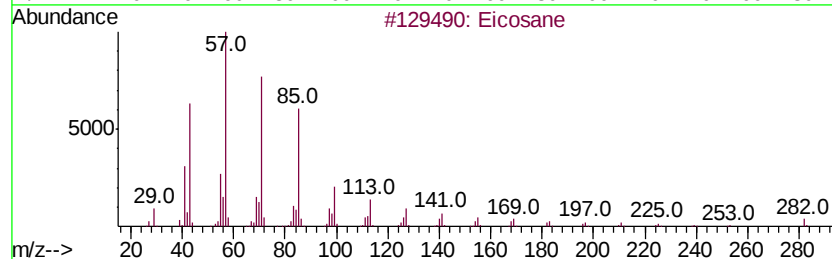
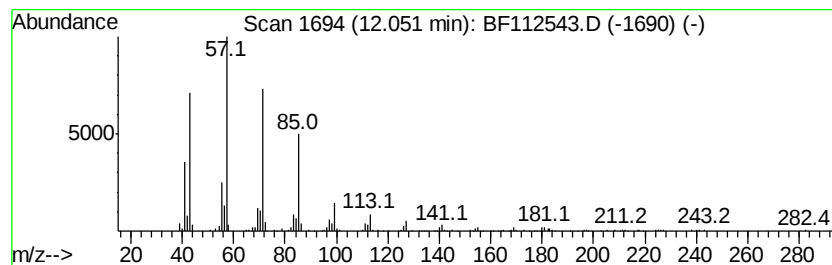
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 15 Eicosane Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.05	9.58 ng	328761	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Eicosane	282	C20H42	000112-95-8	97
2		Hexadecane	226	C16H34	000544-76-3	95
3		Nonadecane	268	C19H40	000629-92-5	91
4		Heneicosane	296	C21H44	000629-94-7	91
5		Decane, 5-propyl-	184	C13H28	017312-62-8	87



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

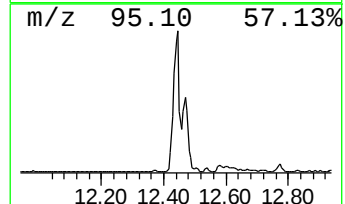
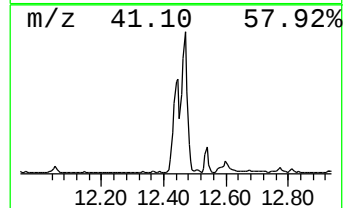
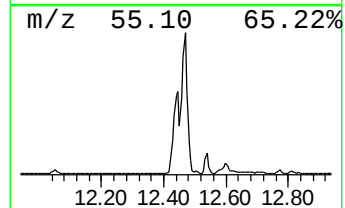
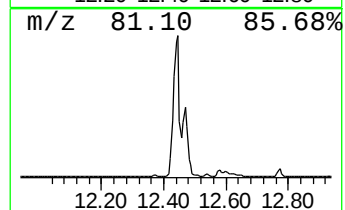
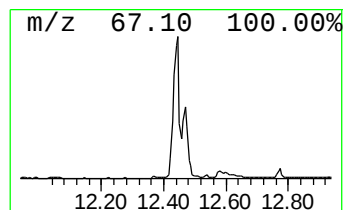
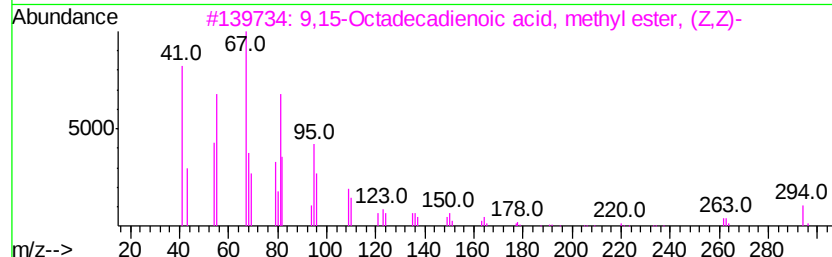
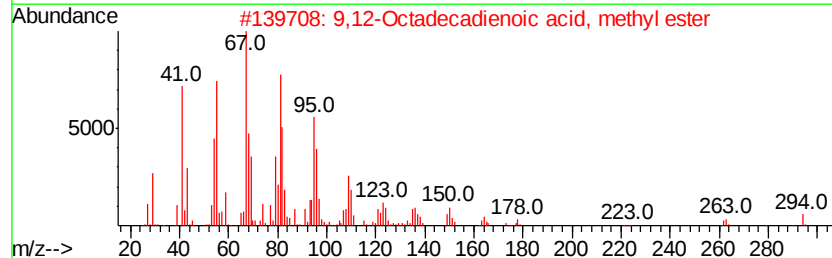
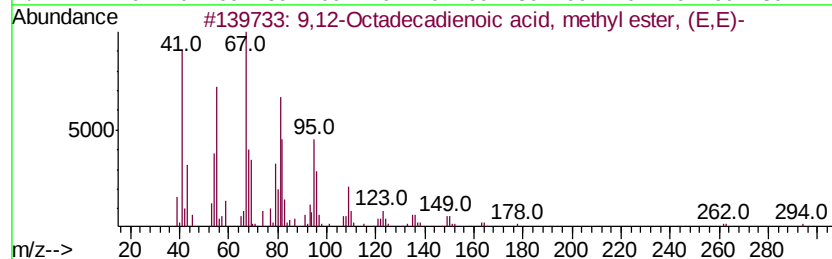
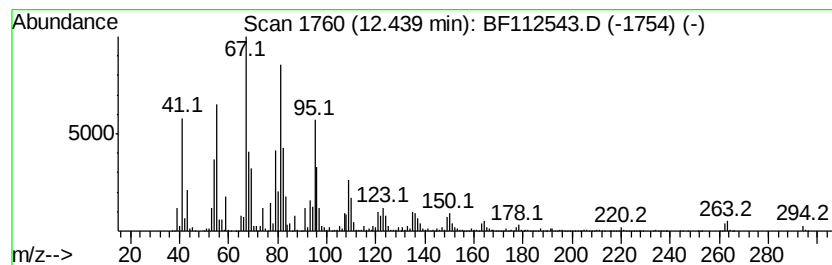
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 16 9,12-Octadecadienoic acid, ... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.44	285.00 ng	9775560	Phenanthrene-d10	11.36

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, methy...	294	C19H34O2	002462-85-3	99
3		9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4		10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99
5		8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	99



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

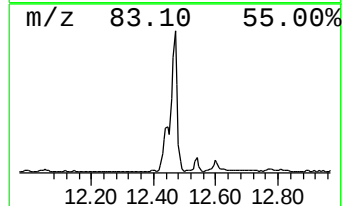
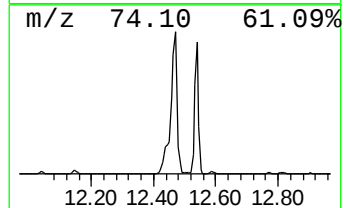
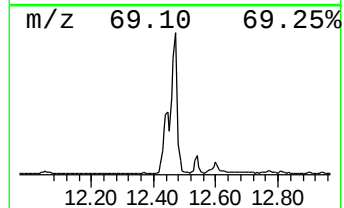
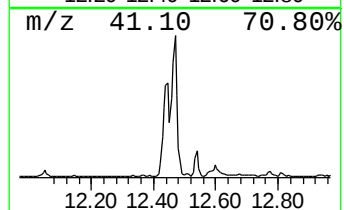
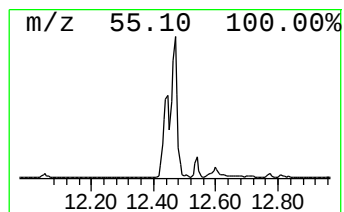
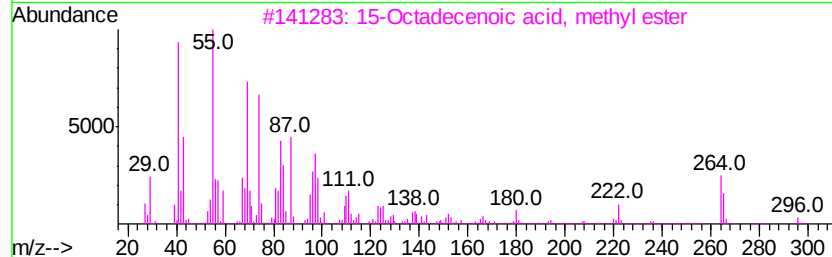
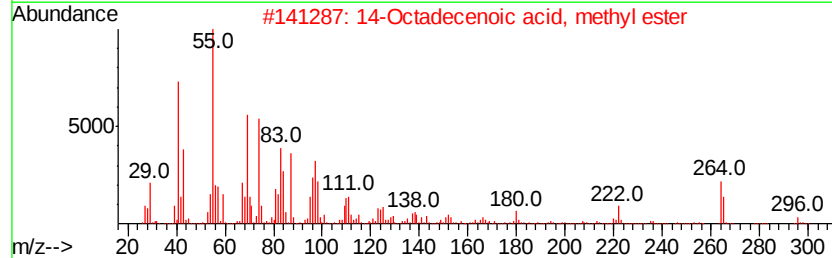
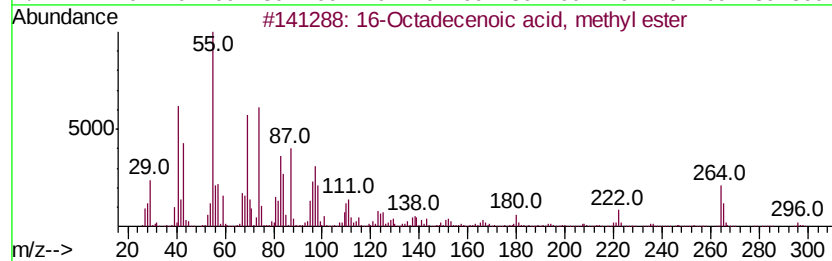
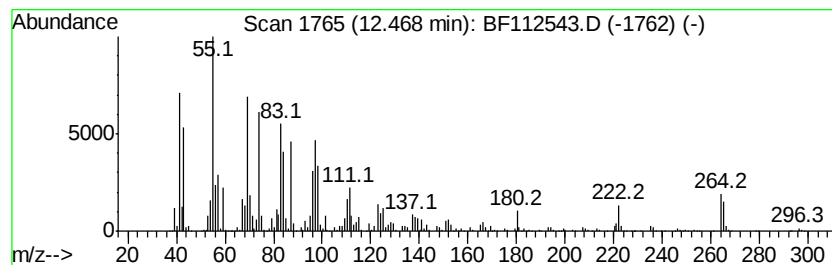
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 17 16-Octadecenoic acid, methyl ester Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	336.82 ng	11553100	Phenanthrene-d10	11.36

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	16-Octadecenoic acid, methyl ester	296	C19H36O2	056554-49-5	96
2		14-Octadecenoic acid, methyl ester	296	C19H36O2	056554-48-4	96
3		15-Octadecenoic acid, methyl ester	296	C19H36O2	004764-72-1	96
4		9-Octadecenoic acid (Z)-, methyl ester	296	C19H36O2	000112-62-9	95
5		11-Octadecenoic acid, methyl ester	296	C19H36O2	052380-33-3	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

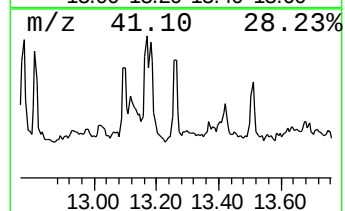
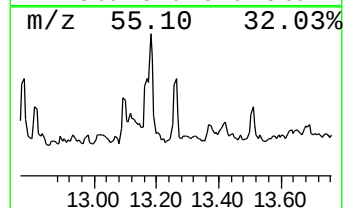
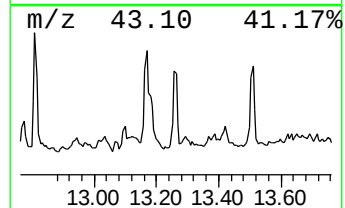
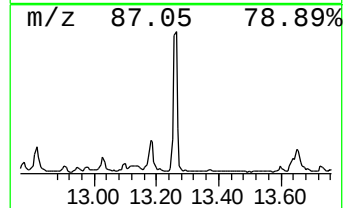
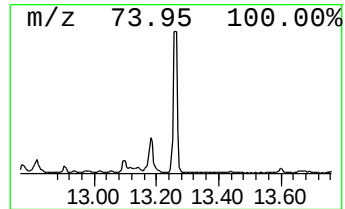
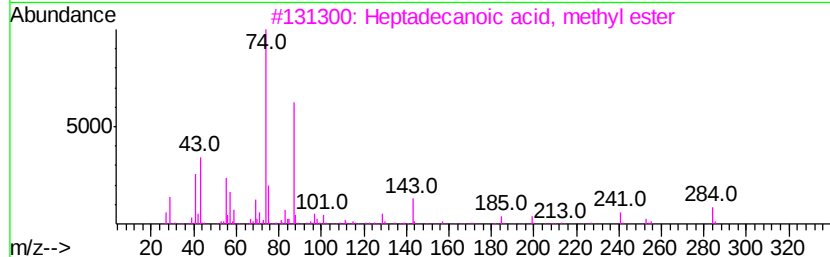
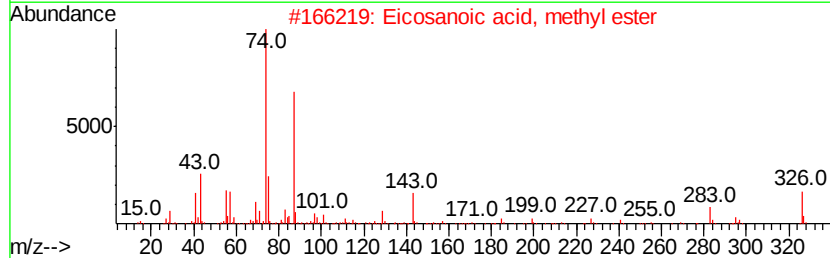
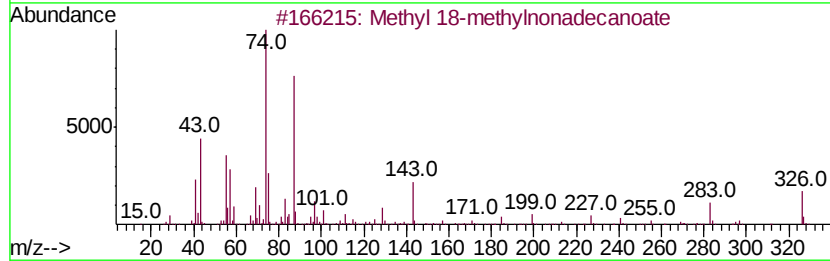
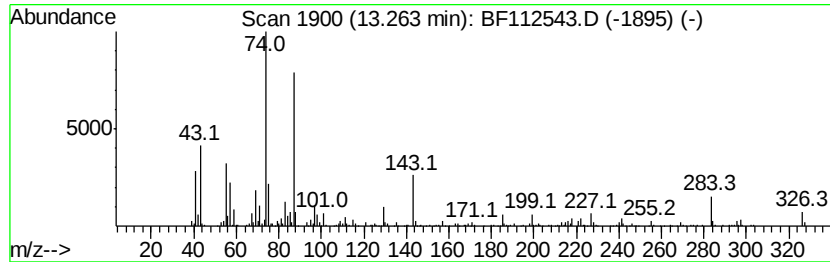
Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.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 18-methylnonadecanoate Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD		R.T.	
13.26	7.88 ng	383446	Chrysene-d12		14.02	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl	18-methylnonadecanoate	326	C21H42O2	1000352-20-6	98
2	Eicosanoic acid, methyl ester		326	C21H42O2	001120-28-1	96
3	Heptadecanoic acid, methyl ester		284	C18H36O2	001731-92-6	94
4	Hexadecanoic acid, 15-methyl-, m...		284	C18H36O2	006929-04-0	94
5	Methyl stearate		298	C19H38O2	000112-61-8	93



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

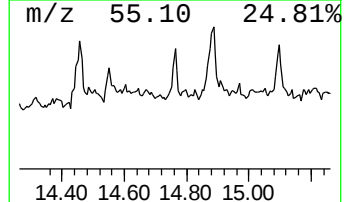
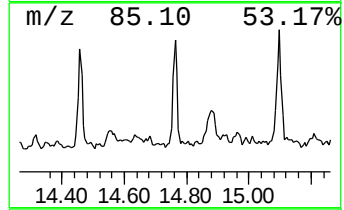
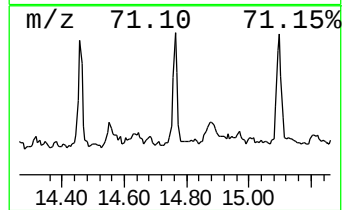
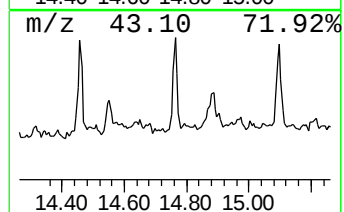
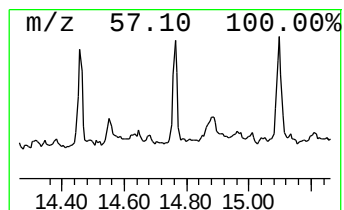
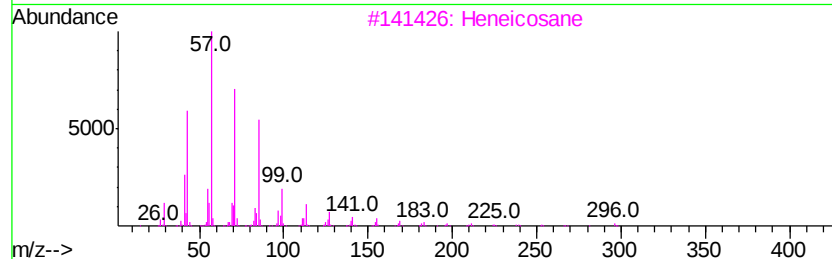
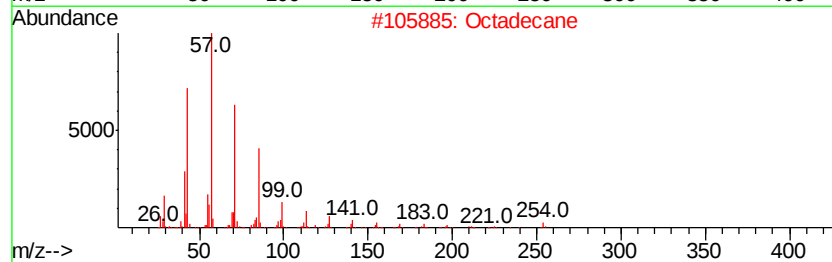
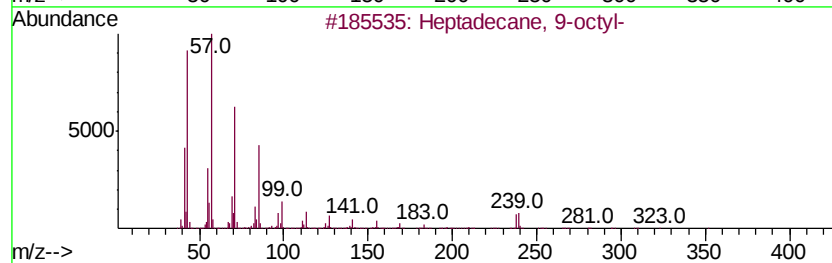
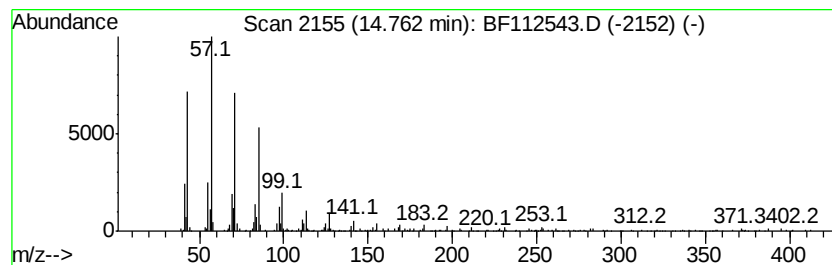
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 19 Heptadecane, 9-octyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.76	11.74 ng	199458	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	95
2		Octadecane	254	C18H38	000593-45-3	91
3		Heneicosane	296	C21H44	000629-94-7	91
4		Tetracosane, 11-decyl-	479	C34H70	055429-84-0	91
5		triacontane	422	C30H62	000638-68-6	91



Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021319\
Data File : BF112543.D
Acq On : 13 Feb 2019 17:13
Operator : JU/SJ
Sample : K1343-29 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
JC-02-021119-O

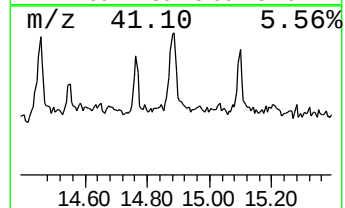
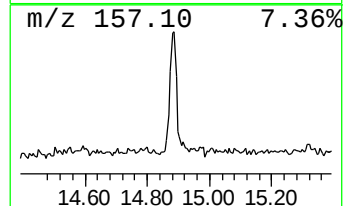
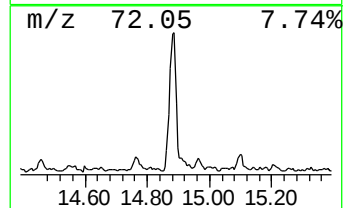
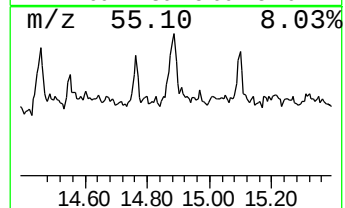
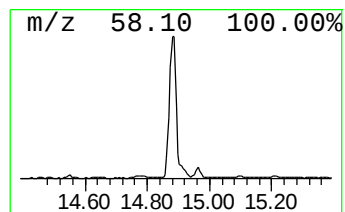
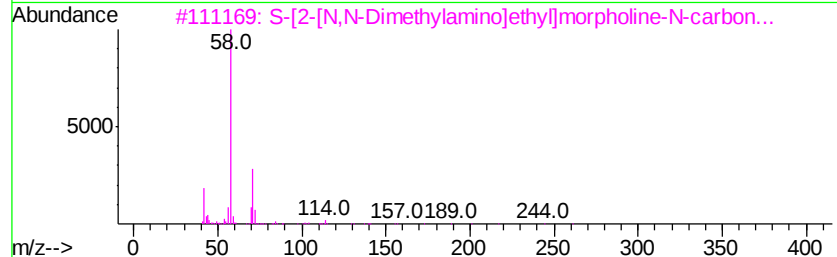
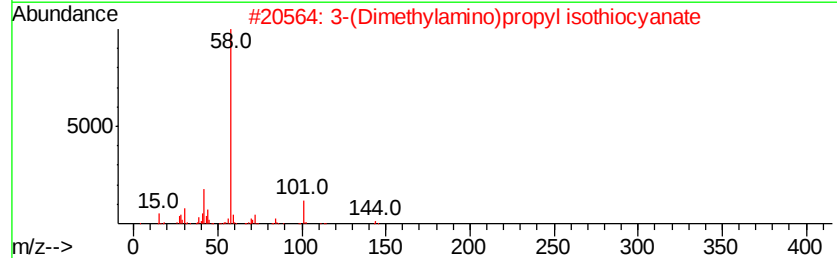
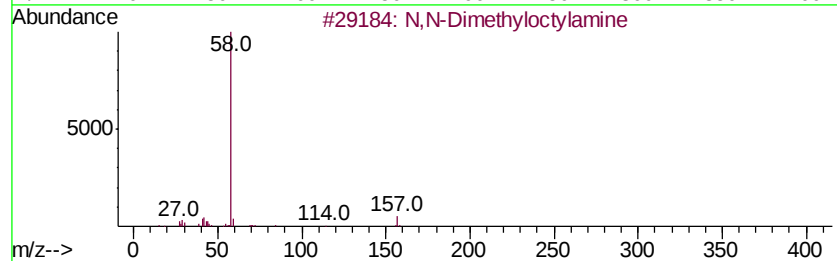
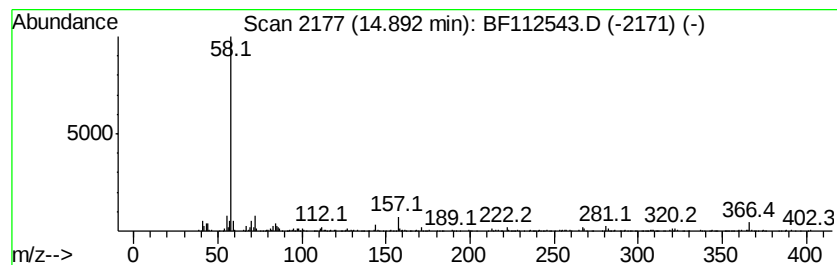
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Peak Number 20 N,N-Dimethyloctylamine Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.89	39.40 ng	669627	Perylene-d12	15.50

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	N,N-Dimethyloctylamine	157	C10H23N	007378-99-6	72
2		3-(Dimethylamino)propyl isothioc...	144	C6H12N2S	027421-70-1	72
3		S-[2-[N,N-Dimethylamino]ethyl]mo...	261	C10H19N3O3S	1000212-14-3	64
4		Acetone, 1-[4-(dimethylamino)etho...	221	C13H19NO2	086608-11-9	64
5		N,N-Dimethyl-2-butoxyethylamine	145	C8H19NO	071126-58-4	64



Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021319\
 Data File : BF112543.D
 Acq On : 13 Feb 2019 17:13
 Operator : JU/SJ
 Sample : K1343-29 2X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-021119-O

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF012519.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
unknown6.61	6.61	31.9	ng	1013720	1	6.83	635534	20.0
Tridecane	8.70	10.4	ng	445086	2	8.12	858807	20.0
Tetradecane	9.27	15.7	ng	575141	3	9.87	732163	20.0
unknown9.53	9.53	5.8	ng	212940	3	9.87	732163	20.0
Hexadecane	10.30	17.4	ng	636715	3	9.87	732163	20.0
Tridecane, 5-propyl-	10.52	8.6	ng	315067	3	9.87	732163	20.0
Heneicosane	10.77	21.3	ng	730349	4	11.36	686012	20.0
Heptadecane	11.65	10.1	ng	347714	4	11.36	686012	20.0
Hexadecanoic acid...	11.75	104.2	ng	3575630	4	11.36	686012	20.0
n-Hexadecanoic acid	11.89	11.2	ng	383222	4	11.36	686012	20.0
Eicosane	12.05	9.6	ng	328761	4	11.36	686012	20.0
9,12-Octadecadien...	12.44	285.0	ng	9775560	4	11.36	686012	20.0
16-Octadecenoic a...	12.47	336.8	ng	11553100	4	11.36	686012	20.0
Methyl 18-methyln...	13.26	7.9	ng	383446	5	14.02	973670	20.0
Heptadecane, 9-oc...	14.76	11.7	ng	199458	6	15.50	339904	20.0
N,N-Dimethyloctyl...	14.89	39.4	ng	669627	6	15.50	339904	20.0