

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007686.D
 Acq On : 17 Sep 2019 04:14
 Operator : HP/JU
 Sample : K4633-08
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 05:21:31 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 16 18:09:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	700995	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	3017102	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1968215	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	4011289	20.00	ng/ul	0.00
77) Chrysene-d12	21.28	240	3646136	20.00	ng/ul	0.01
85) Perylene-d12	23.38	264	6200429	20.00	ng/ul	-0.11

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	67526	3.66	ng/uL	0.00
5) Phenol-d5	6.88	99	1680944	25.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	913394	24.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	1283707	27.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	1311102	25.77	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	631762	28.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	652077	31.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	1338641	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	814060	12.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	4091187	26.12	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	4821105	26.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	516585	18.54	ng/ul	0.00
57) Fluorene-d10	15.33	176	3599724	26.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	137226	6.34	ng/ul	0.00
70) Anthracene-d10	17.17	188	5298312	26.53	ng/ul	0.00
78) Pyrene-d10	19.47	212	5774928	29.41	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.38	264	6154596	19.08	ng/ul	0.03

Target Compounds

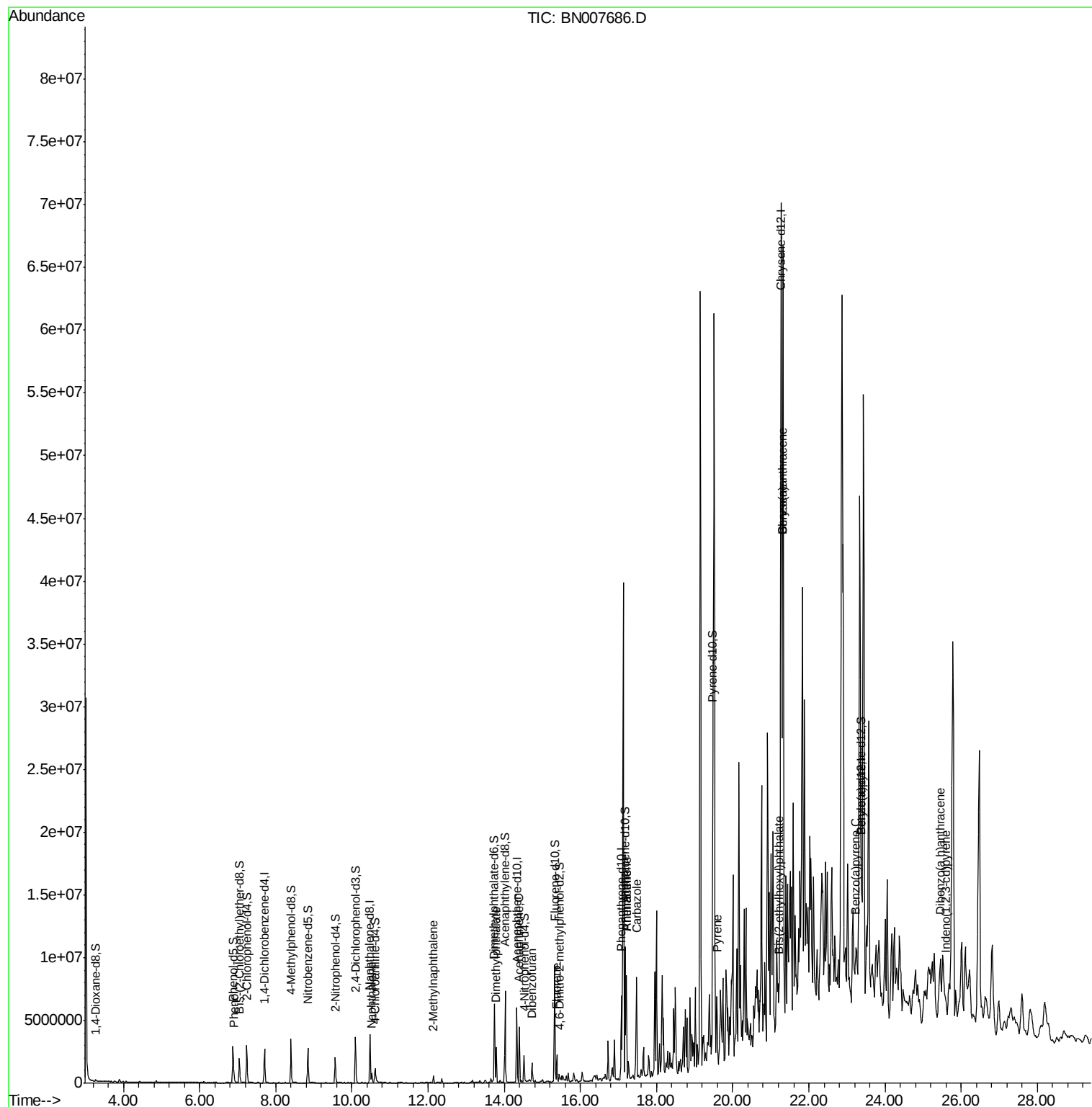
					Ovalue	
6) Phenol	6.90	94	312808	4.313	ng/ul	99
28) Naphthalene	10.52	128	601580	3.536	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	241818	1.968	ng/ul	98
44) Dimethylphthalate	13.79	163	1723392	10.795	ng/ul	99
49) Acenaphthene	14.39	153	1706193	12.837	ng/ul	98
53) Dibenzofuran	14.73	168	868162	4.503	ng/ul	100
58) Fluorene	15.38	166	922871	5.949	ng/ul	98
69) Phenanthrene	17.21	178	4967534	20.883	ng/ul	99
71) Anthracene	17.21	178	4960313	20.833	ng/ul	100
74) Carbazole	17.47	167	4783679	23.754	ng/ul	99
79) Pyrene	19.59	202	285088	1.174	ng/ul#	59
82) Benzo(a)anthracene	21.30	228	1404227	5.405	ng/ul#	78
83) Bis(2-ethylhexyl)phthalate	21.21	149	160748	1.131	ng/ul#	96
84) Chrysene	21.30	228	1404227	5.809	ng/ul#	83
90) Benzo(a)pyrene	23.22	252	1409964	3.637	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	25.59	276	599302	1.316	ng/ul#	60
92) Dibenzo(a,h)anthracene	25.45	278	4555359	11.991	ng/ul	94

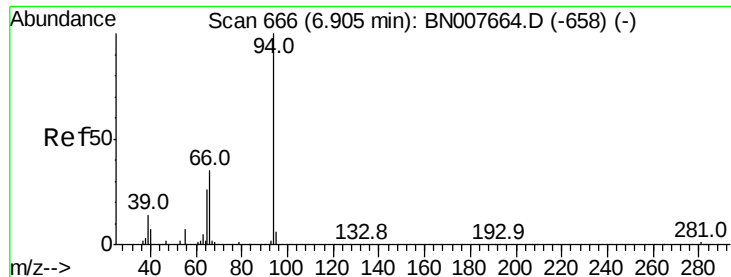
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN091619\
Data File : BN007686.D
Acq On : 17 Sep 2019 04:14
Operator : HP/JU
Sample : K4633-08
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 17 05:21:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Sep 16 18:09:41 2019
Response via : Initial Calibration





#6

Phenol

Concen: 4.313 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampled :

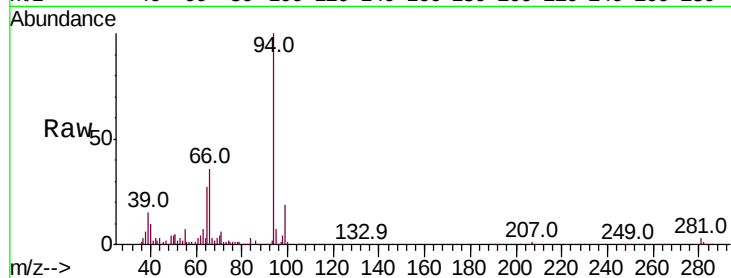
Tot Ion: 94 Resp: 312808

Ion Ratio Lower Upper

94 100

65 27.2 20.7 31.1

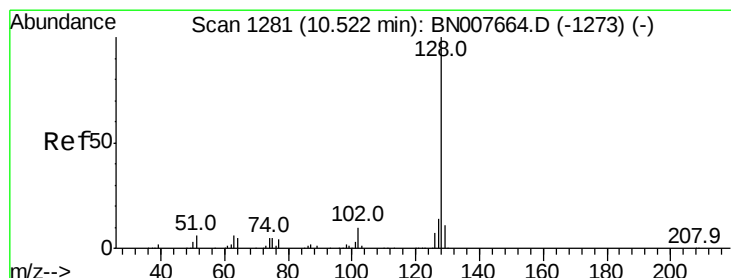
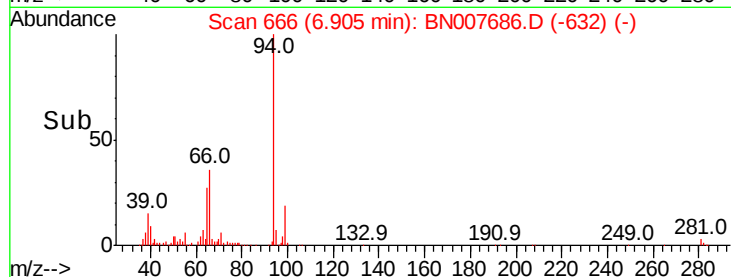
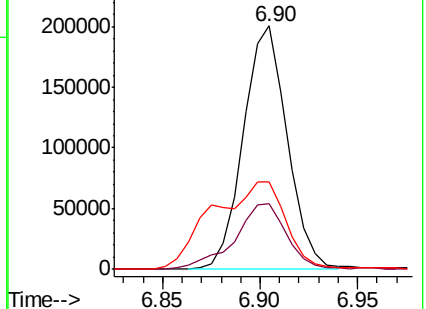
66 35.8 28.6 42.8



Abundance Ion 94.00 (93.70 to 94.70): BN007664.D (-658) (-)

Ion 65.00 (64.70 to 65.70): BN007664.D (-658) (-)

Ion 66.00 (65.70 to 66.70): BN007664.D (-658) (-)



#28

Naphthalene

Concen: 3.536 ng/ul

RT: 10.52 min Scan# 1281

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

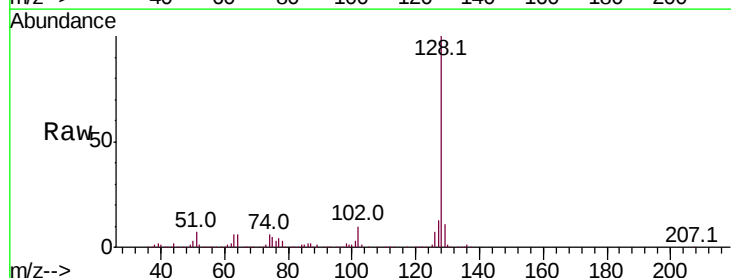
Tgt Ion: 128 Resp: 601580

Ion Ratio Lower Upper

128 100

129 10.8 9.0 13.4

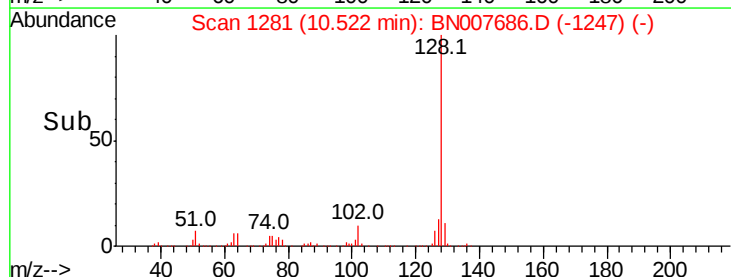
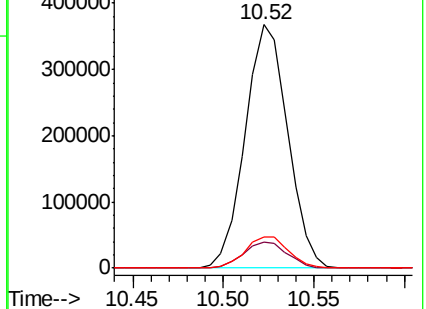
127 12.9 11.0 16.4

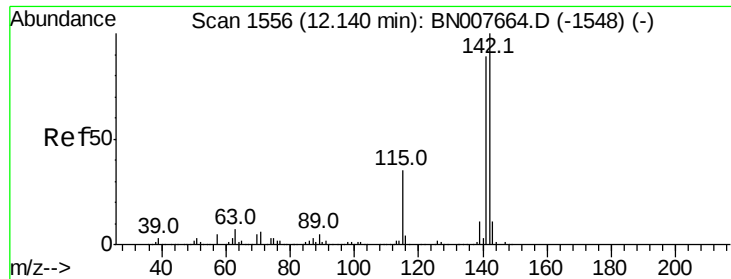


Abundance Ion 128.00 (127.70 to 128.70): BN007664.D (-1273) (-)

Ion 129.00 (128.70 to 129.70): BN007664.D (-1273) (-)

Ion 127.00 (126.70 to 127.70): BN007664.D (-1273) (-)

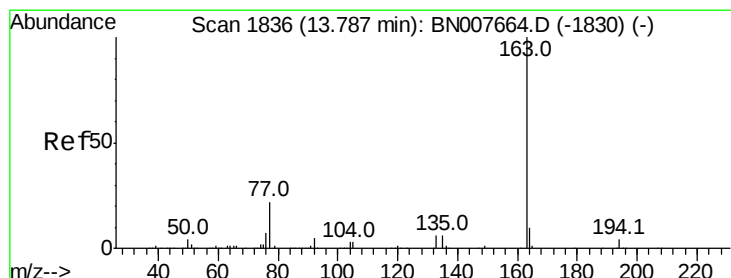
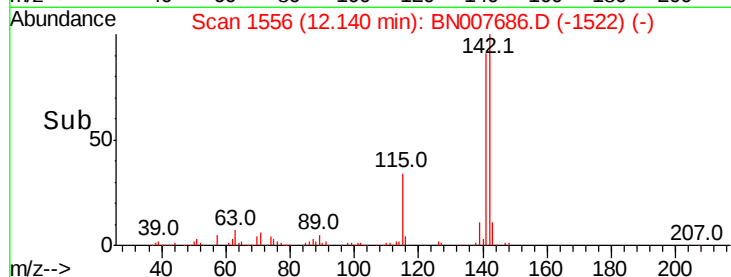
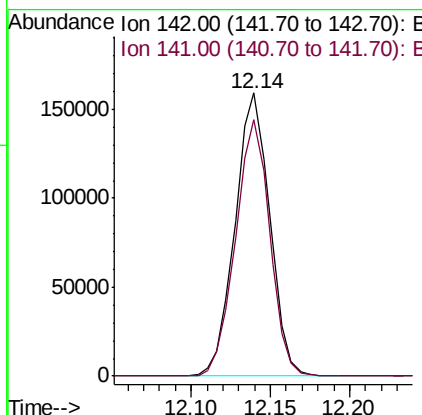
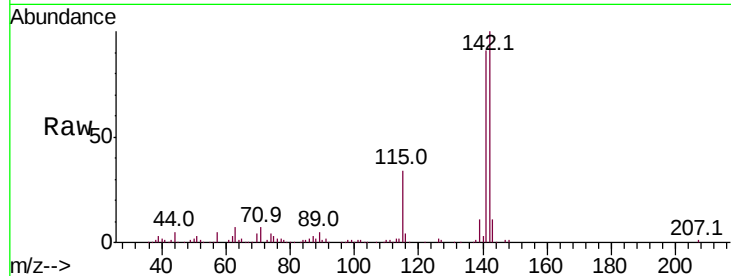




#34
 2-Methylnaphthalene
 Concen: 1.968 ng/ul
 RT: 12.14 min Scan# 1556
 Delta R.T. -0.00 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

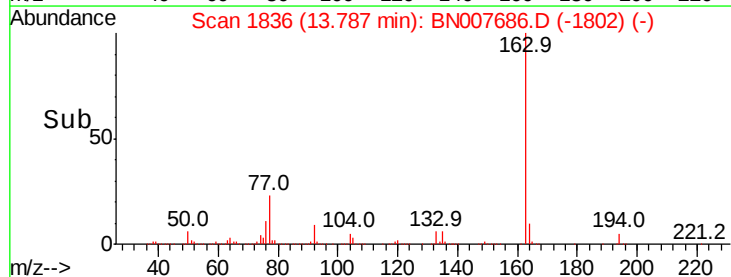
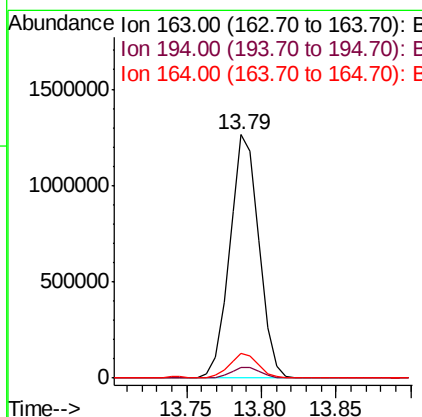
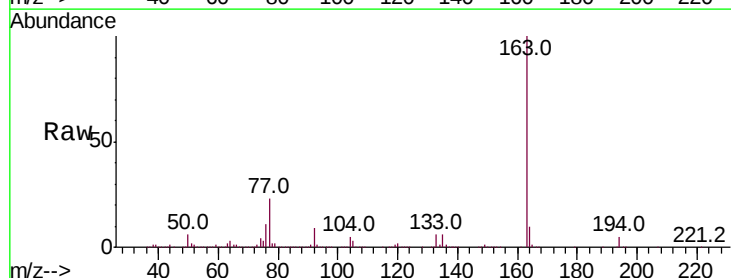
Instrument :
 BNA_N
 ClientSampled :

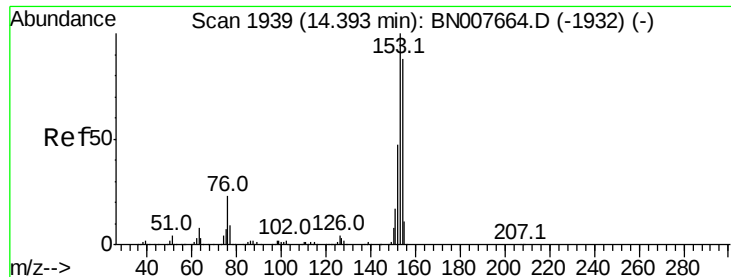
Tot Ion:142 Resp: 241818
 Ion Ratio Lower Upper
 142 100
 141 90.7 71.2 106.8



#44
 Dimethylphthalate
 Concen: 10.795 ng/ul
 RT: 13.79 min Scan# 1836
 Delta R.T. -0.00 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion:163 Resp: 1723392
 Ion Ratio Lower Upper
 163 100
 194 4.5 3.4 5.2
 164 10.3 8.4 12.6





#49

Acenaphthene

Concen: 12.837 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

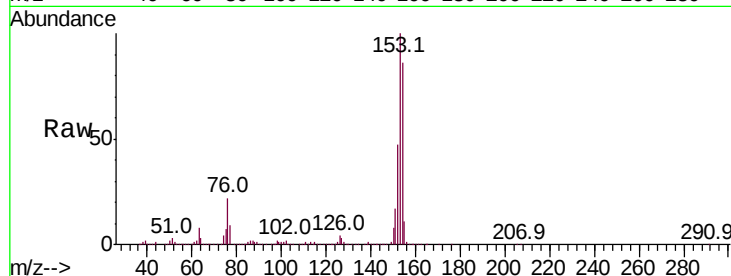
Instrument :

BNA_N

ClientSampleId :

Tot Ion:153 Resp: 1706193

Ion	Ratio	Lower	Upper
153	100		
152	46.7	37.8	56.8
154	86.1	70.3	105.5

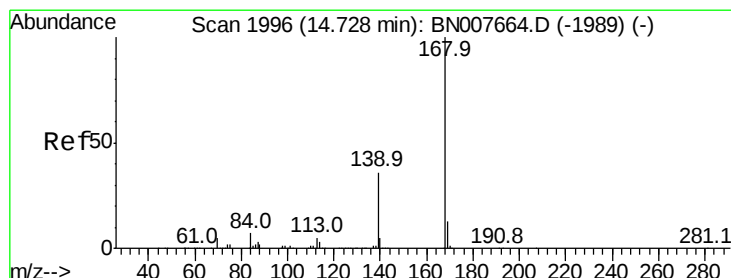
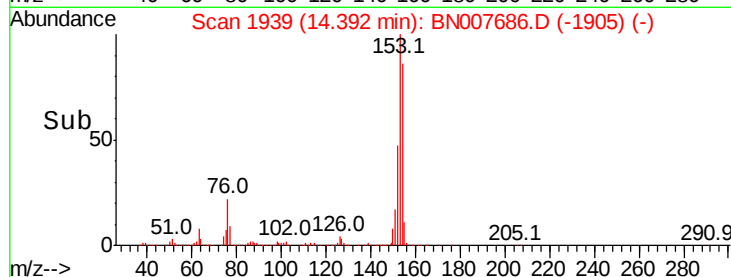
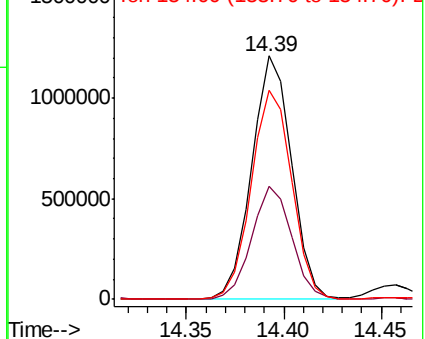


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 4.503 ng/ul

RT: 14.73 min Scan# 1996

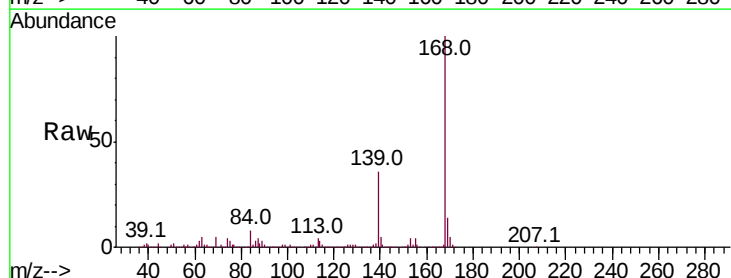
Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Tgt Ion:168 Resp: 868162

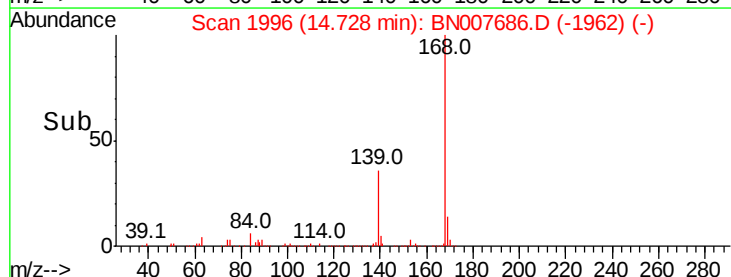
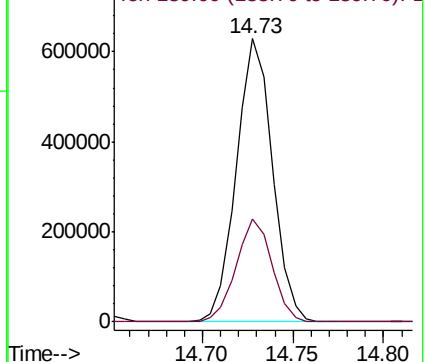
Ion	Ratio	Lower	Upper
168	100		
139	36.2	29.1	43.7

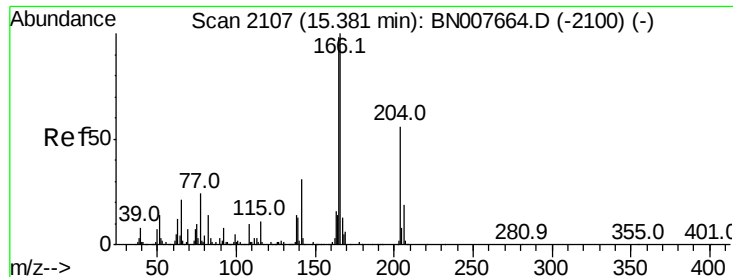


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 5.949 ng/ul

RT: 15.38 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

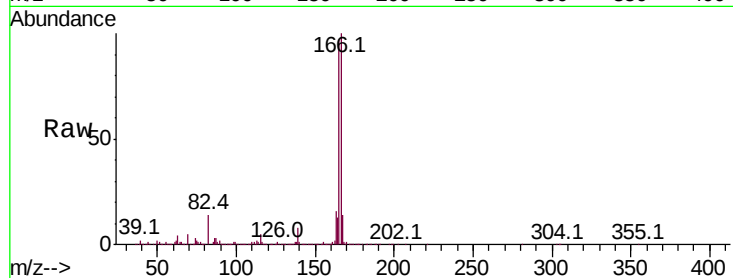
Tot Ion:166 Resp: 922871

Ion Ratio Lower Upper

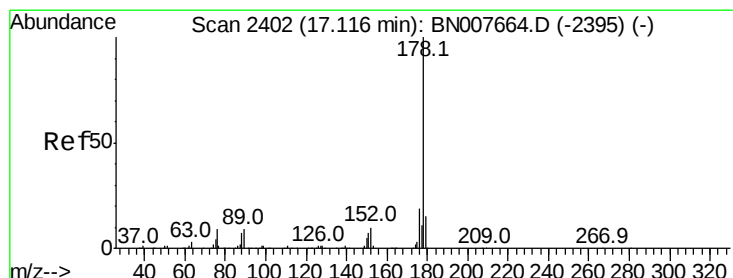
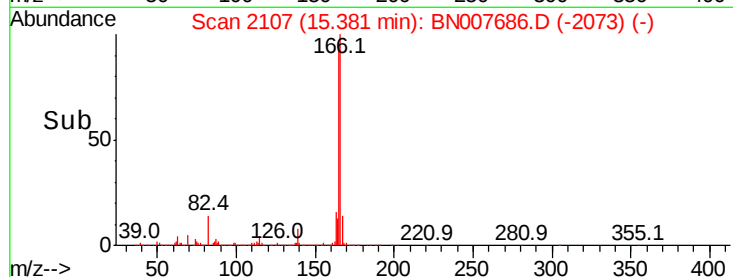
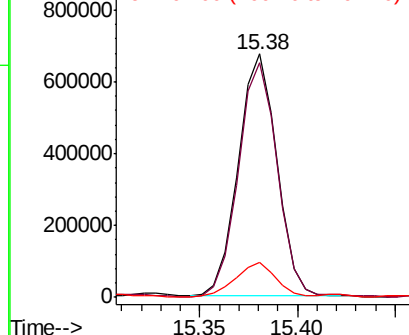
166 100

165 96.6 78.6 118.0

167 14.1 10.8 16.2



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 20.883 ng/ul

RT: 17.21 min Scan# 2418

Delta R.T. 0.09 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

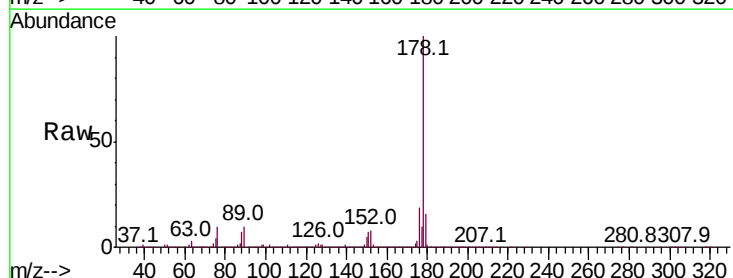
Tgt Ion:178 Resp: 4967534

Ion Ratio Lower Upper

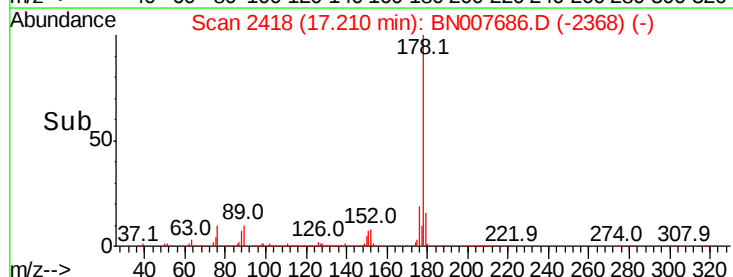
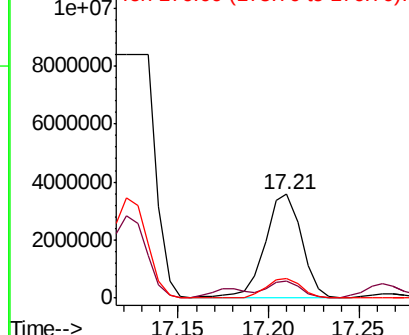
178 100

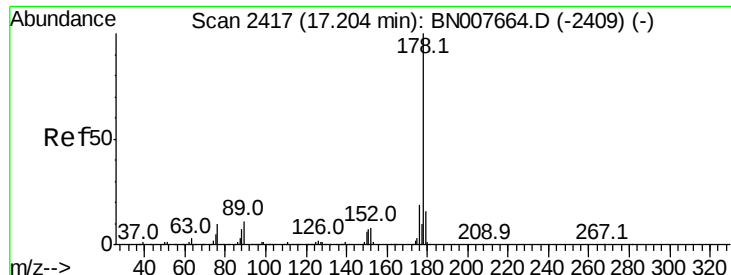
179 16.0 11.9 17.9

176 18.8 15.2 22.8



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E

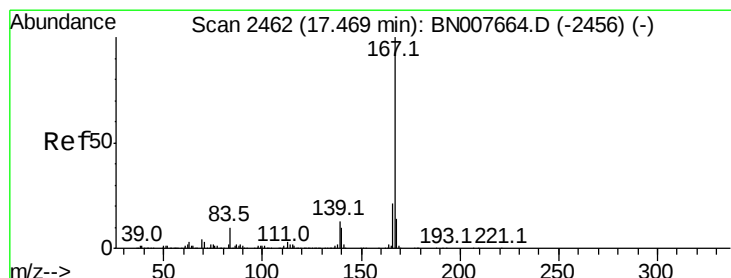
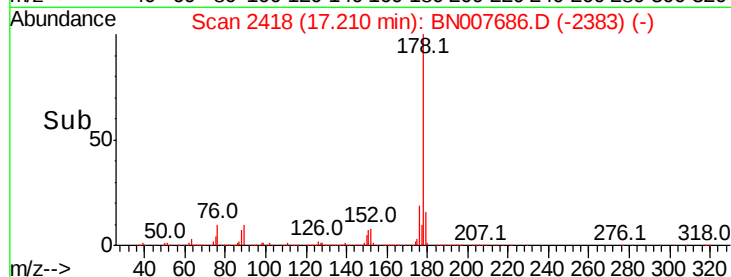
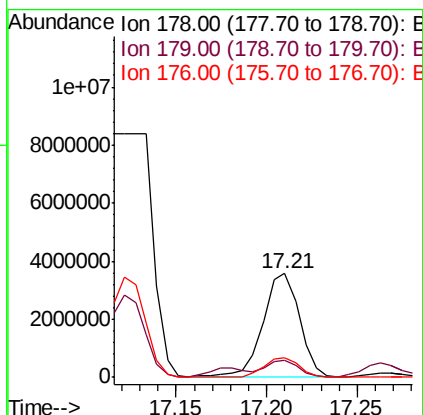
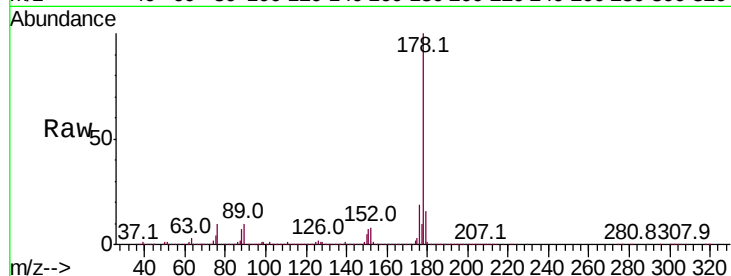




#71
 Anthracene
 Concen: 20.833 ng/ul
 RT: 17.21 min Scan# 2418
 Delta R.T. 0.01 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

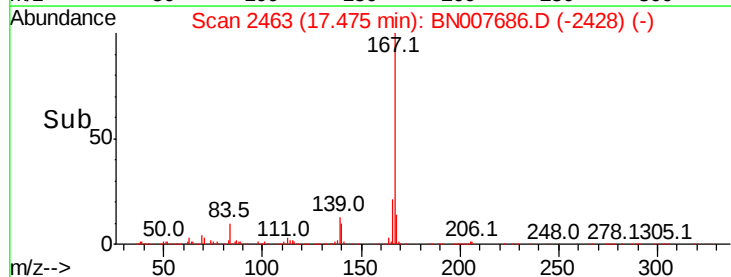
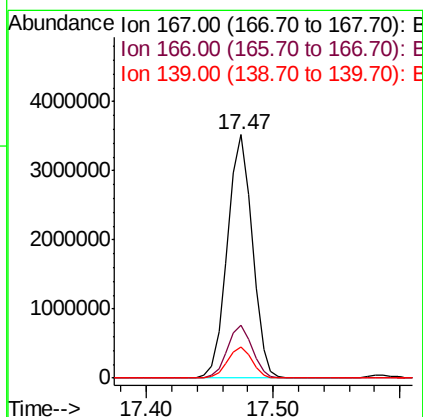
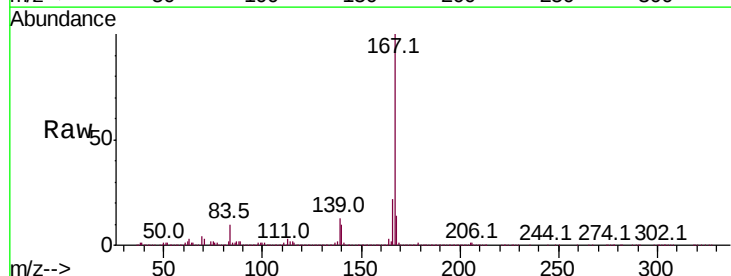
Instrument :
 BNA_N
 ClientSampled :

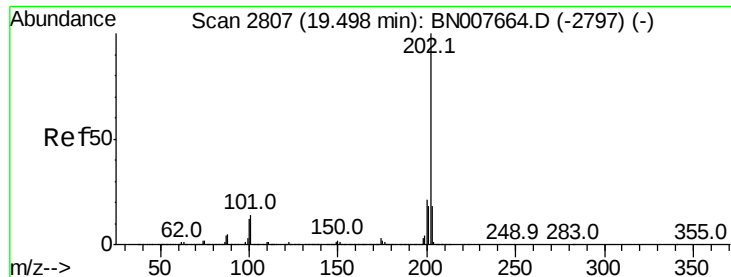
Tot Ion:178 Resp: 4960313
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.7 19.1
 176 18.8 15.1 22.7



#74
 Carbazole
 Concen: 23.754 ng/ul
 RT: 17.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion:167 Resp: 4783679
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.4
 139 12.7 10.1 15.1

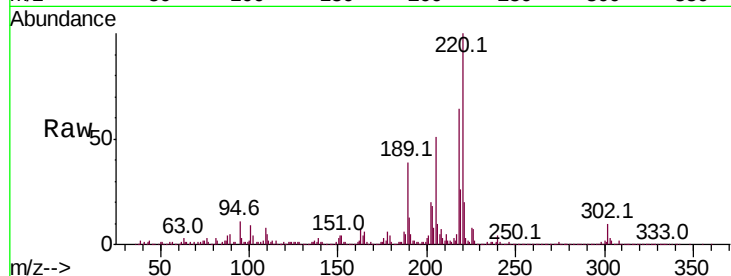




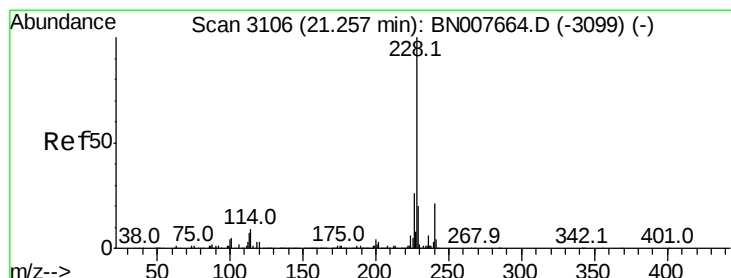
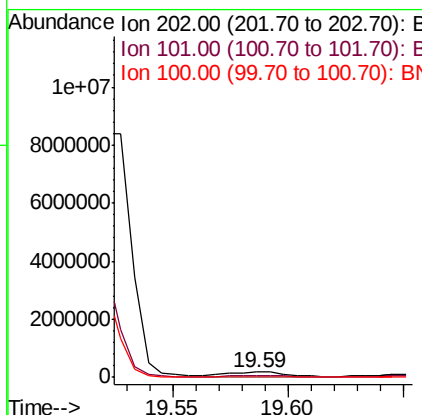
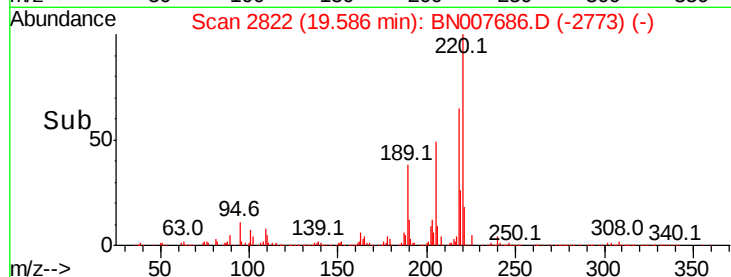
#79
Pvrene
Concen: 1.174 ng/ul
RT: 19.59 min Scan# 2822
Delta R.T. 0.09 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Instrument :
BNA_N
ClientSampleId :

Tot Ion:202 Resp: 285088
Ion Ratio Lower Upper
202 100
101 43.5 11.2 16.8#
100 10.2 9.4 14.0

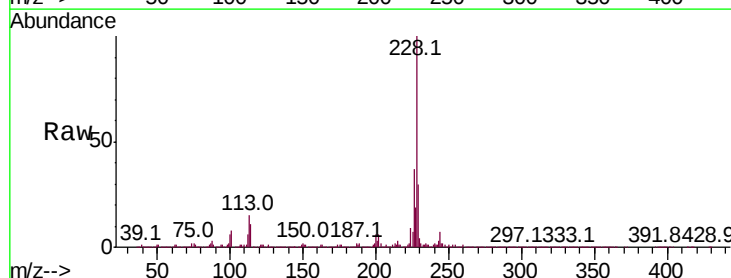


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

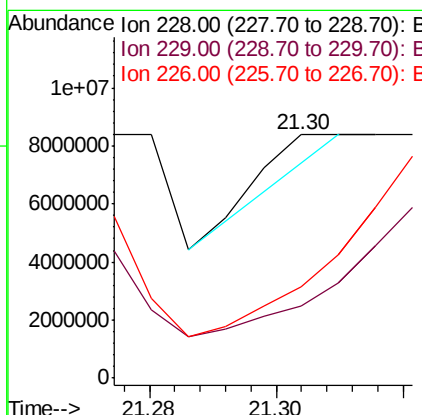
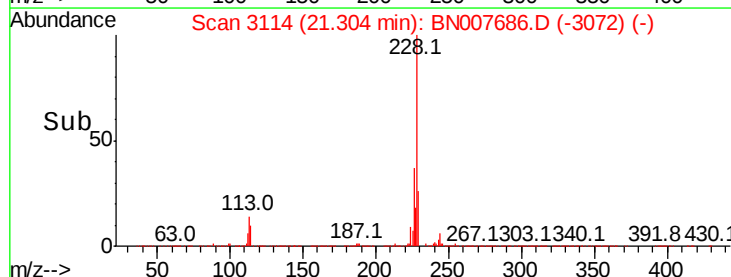


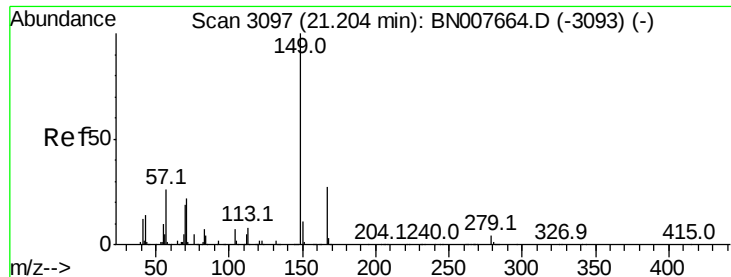
#82
Benzo(a)anthracene
Concen: 5.405 ng/ul
RT: 21.30 min Scan# 3114
Delta R.T. 0.05 min
Lab File: BN007686.D
Acq: 17 Sep 2019 04:14

Tgt Ion:228 Resp: 1404227
Ion Ratio Lower Upper
228 100
229 29.6 15.7 23.5#
226 37.4 20.9 31.3#



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

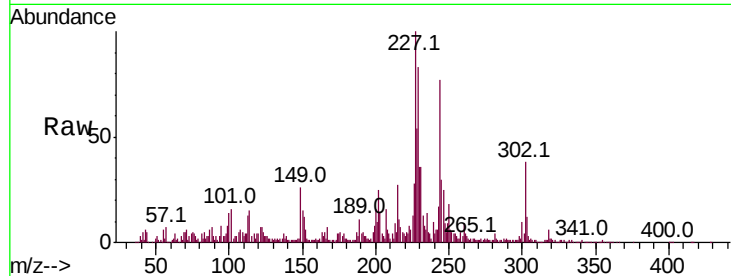




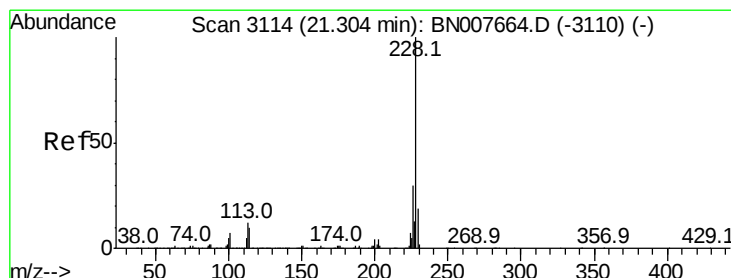
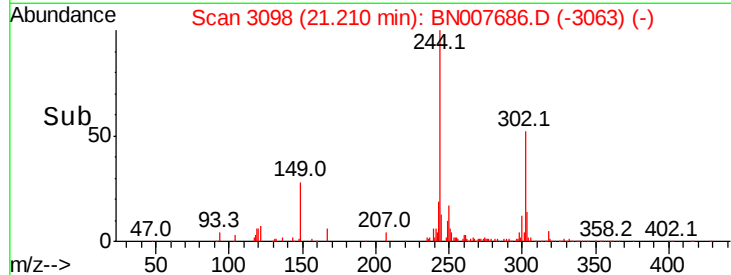
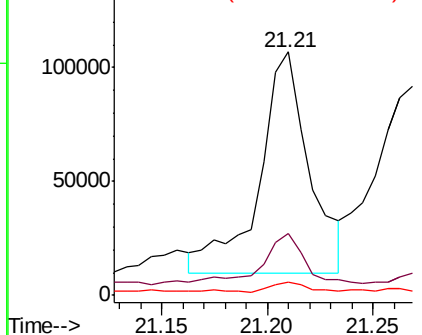
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.131 ng/ul
 RT: 21.21 min Scan# 3098
 Delta R.T. 0.01 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Instrument :
 BNA_N
 ClientSampled :

Tot Ion:149 Resp: 160748
 Ion Ratio Lower Upper
 149 100
 167 25.3 21.8 32.6
 279 5.3 3.4 5.0#

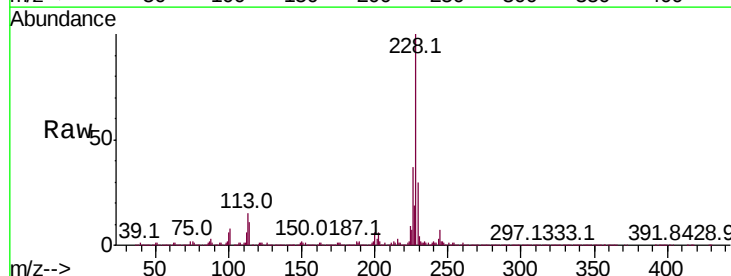


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

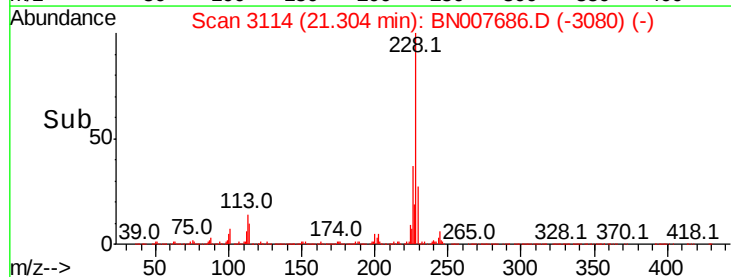
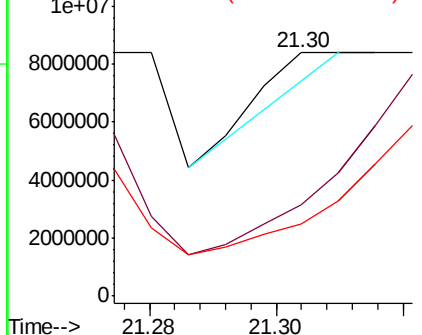


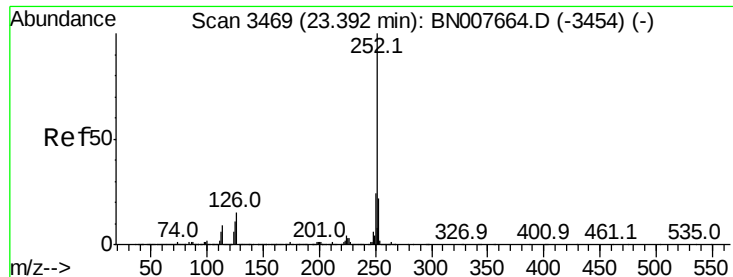
#84
 Chrysene
 Concen: 5.809 ng/ul
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.00 min
 Lab File: BN007686.D
 Acq: 17 Sep 2019 04:14

Tgt Ion:228 Resp: 1404227
 Ion Ratio Lower Upper
 228 100
 226 37.4 24.2 36.4#
 229 29.6 15.5 23.3#



Abundance Ion 228.00 (227.70 to 228.70): E
 Ion 226.00 (225.70 to 226.70): E
 Ion 229.00 (228.70 to 229.70): E





#90

Benzo(a)pyrene

Concen: 3.637 ng/ul

RT: 23.22 min Scan# 3440

Delta R.T. -0.17 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

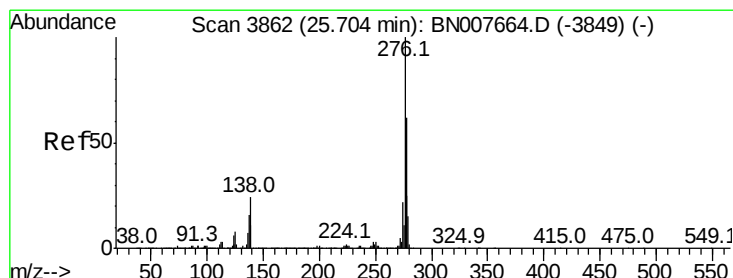
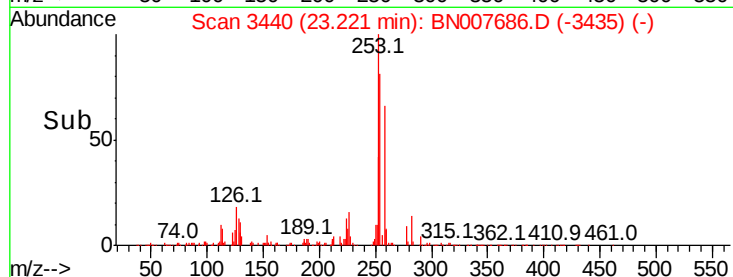
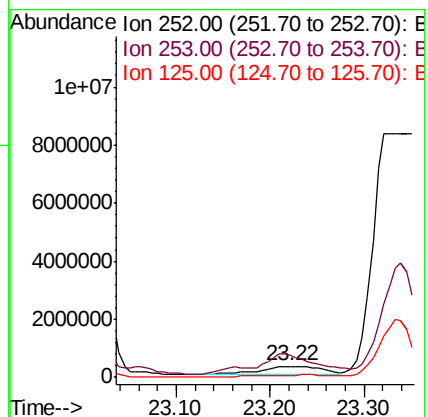
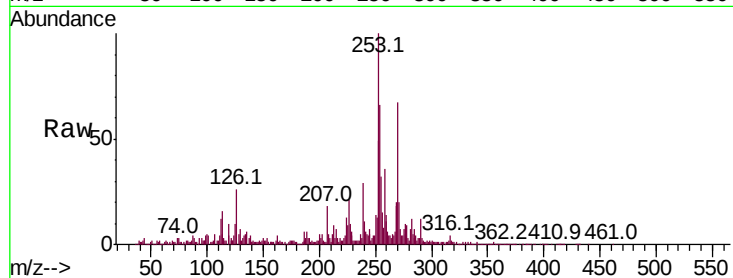
Tot Ion:252 Resp: 1409964

Ion Ratio Lower Upper

252 100

253 202.5 17.8 26.8#

125 19.7 9.2 13.8#



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.316 ng/ul

RT: 25.59 min Scan# 3843

Delta R.T. -0.11 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

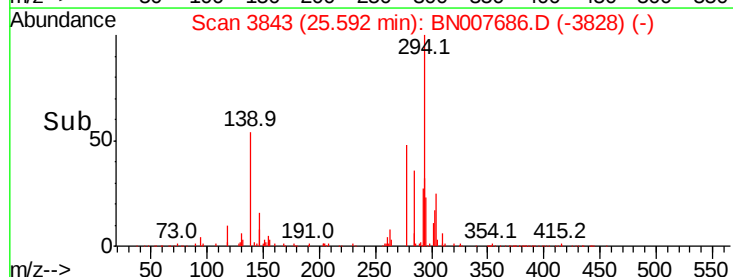
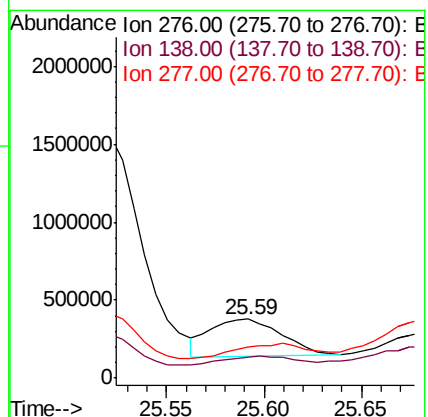
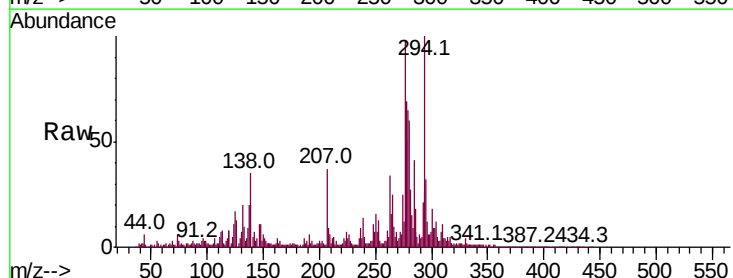
Tgt Ion:276 Resp: 599302

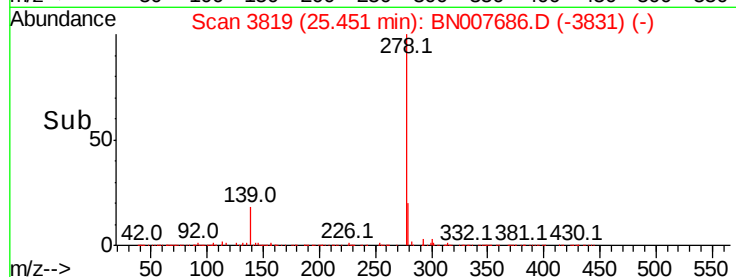
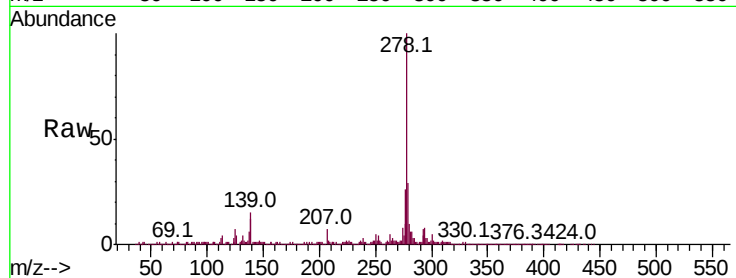
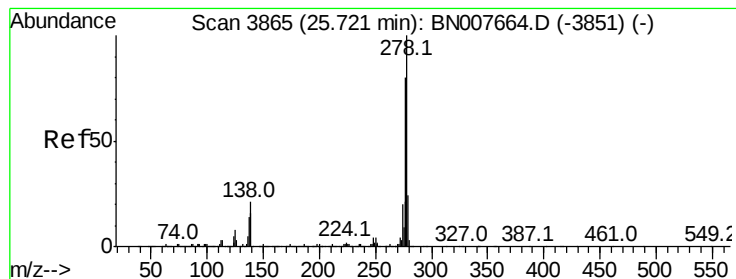
Ion Ratio Lower Upper

276 100

138 35.8 19.1 28.7#

277 52.4 19.7 29.5#





#92

Dibenzo(a,h)anthracene

Concen: 11.991 ng/ul

RT: 25.45 min Scan# 3819

Delta R.T. -0.27 min

Lab File: BN007686.D

Acq: 17 Sep 2019 04:14

Instrument :

BNA_N

ClientSampleId :

Tot Ion:278 Resp: 4555359

Ion	Ratio	Lower	Upper
278	100		
139	14.8	12.6	19.0
279	28.7	19.4	29.2

