

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091619\
 Data File : BN007685.D
 Acq On : 17 Sep 2019 03:38
 Operator : HP/JU
 Sample : K4634-09MEDL 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Sep 17 05:21:21 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	614345	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	2631367	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	1721687	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	3654244	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	3428422	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	3896064	20.00	ng/ul	0.00

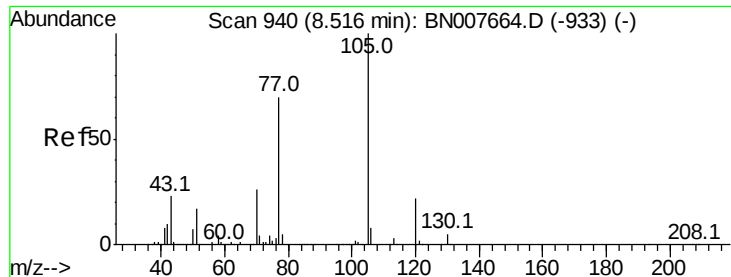
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	9732	0.60	ng/uL	0.00
5) Phenol-d5	6.88	99	225125	3.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	121343	3.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	167381	4.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	171942	3.86	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	76015	3.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	70673	3.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	169952	3.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	72264	1.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	541925	3.96	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	617587	3.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	58477	2.40	ng/ul	0.00
57) Fluorene-d10	15.32	176	489479	4.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	18201	0.92	ng/ul	0.00
70) Anthracene-d10	17.17	188	749602	4.12	ng/ul	0.00
78) Pyrene-d10	19.47	212	867742	4.70	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	861792	4.25	ng/ul	0.00

Target Compounds

					Ovalue
14) Acetophenone	8.52	105	94187	1.305 ng/ul	95
44) Dimethylphthalate	13.79	163	150233	1.076 ng/ul	99
49) Acenaphthene	14.39	153	562987	4.842 ng/ul	99
53) Dibenzofuran	14.73	168	298339	1.769 ng/ul	100
58) Fluorene	15.37	166	314576	2.318 ng/ul	98
69) Phenanthrene	17.12	178	10579910	48.822 ng/ul	98
71) Anthracene	17.20	178	2022266	9.323 ng/ul	99
74) Carbazole	17.47	167	1756661	9.575 ng/ul	99
82) Benzo(a)anthracene	21.25	228	13150495	53.830 ng/ul#	87
83) Bis(2-ethylhexyl)phthalate	21.20	149	217590	1.628 ng/ul	97
84) Chrysene	21.30	228	14317785	62.993 ng/ul#	86
87) Benzo(b)fluoranthene	22.84	252	20272022	80.458 ng/ul	93
88) Benzo(k)fluoranthene	22.87	252	6895895	28.164 ng/ul	97
90) Benzo(a)pyrene	23.40	252	15170242	62.277 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.72	276	10764361	37.612 ng/ul	96
92) Dibenz(a,h)anthracene	25.72	278	2988095	12.518 ng/ul#	92
93) Benzo(g,h,i)perylene	26.40	276	10975190	46.779 ng/ul	99

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



#14

Acetophenone

Concen: 1.305 ng/ul

RT: 8.52 min Scan# 940

Delta R.T. -0.00 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Instrument :

BNA_N

ClientSampleId :

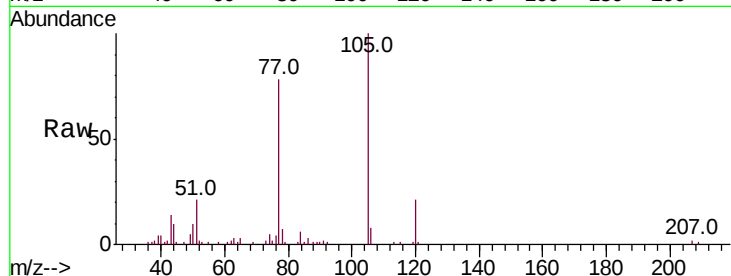
Tot Ion:105 Resp: 94187

Ion Ratio Lower Upper

105 100

77 77.5 66.5 99.7

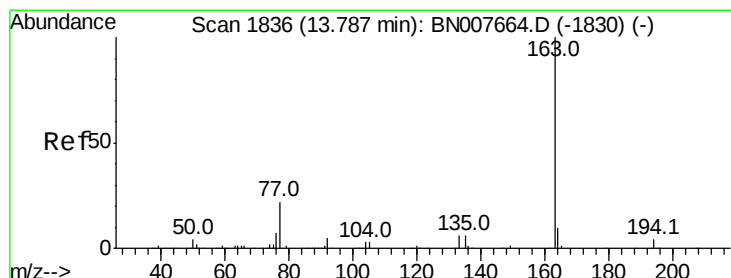
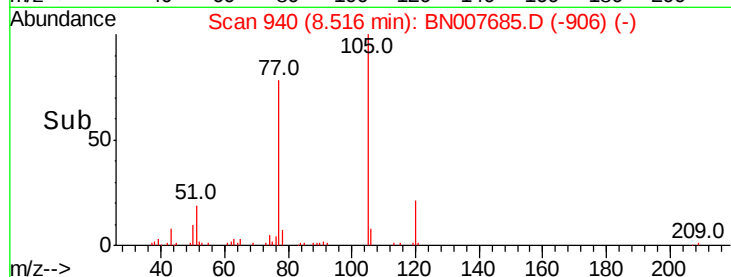
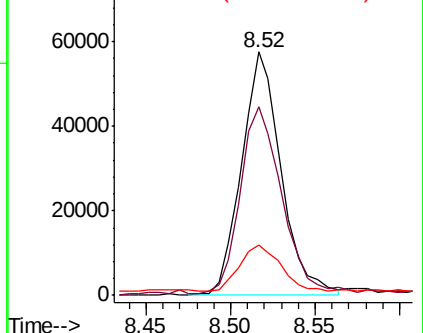
51 20.8 16.3 24.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BNO

Ion 51.00 (50.70 to 51.70): BNO



#44

Dimethylphthalate

Concen: 1.076 ng/ul

RT: 13.79 min Scan# 1836

Delta R.T. -0.00 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

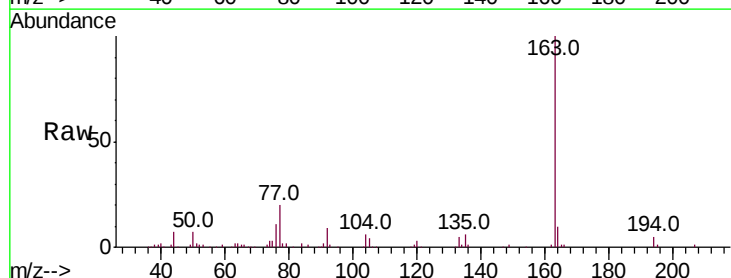
Tgt Ion:163 Resp: 150233

Ion Ratio Lower Upper

163 100

194 4.5 3.4 5.2

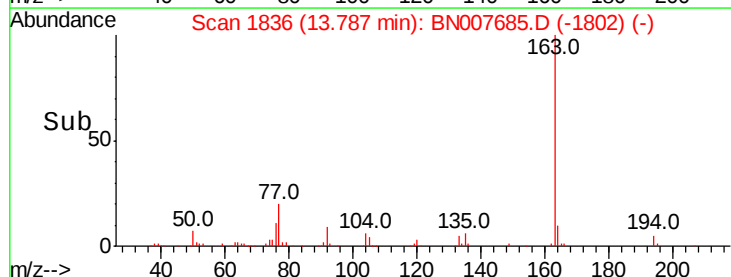
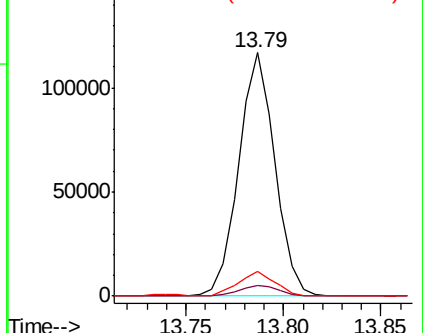
164 10.0 8.4 12.6

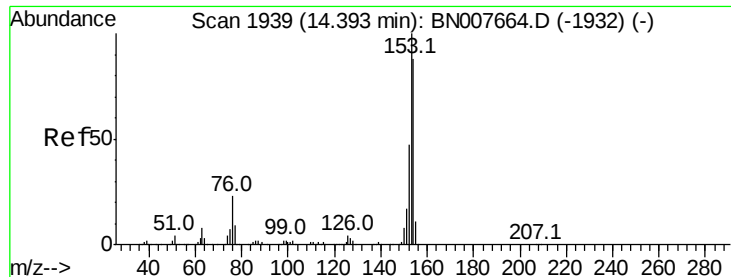


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#49

Acenaphthene

Concen: 4.842 ng/ul

RT: 14.39 min Scan# 1939

Delta R.T. -0.00 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Instrument :

BNA_N

ClientSampleId :

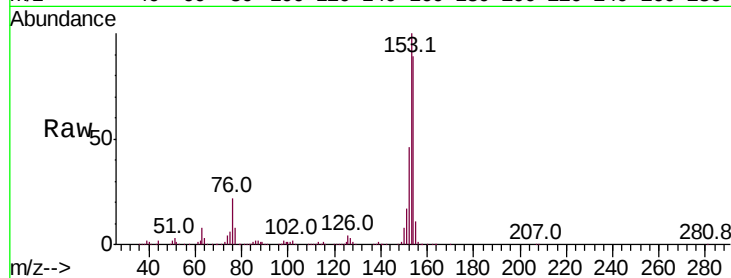
Tot Ion:153 Resp: 562987

Ion Ratio Lower Upper

153 100

152 46.5 37.8 56.8

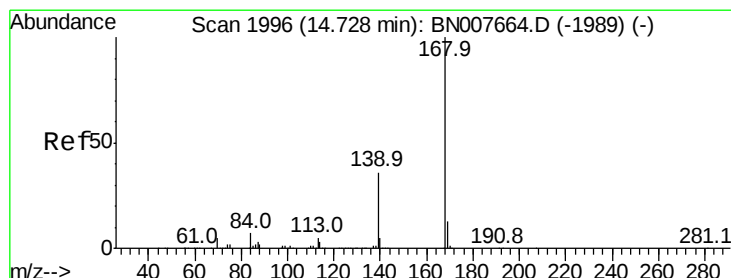
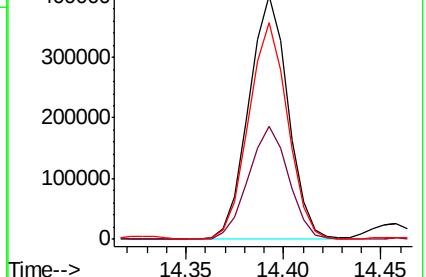
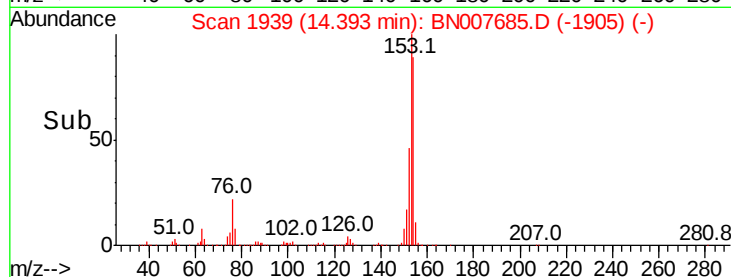
154 89.0 70.3 105.5



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: 1.769 ng/ul

RT: 14.73 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BN007685.D

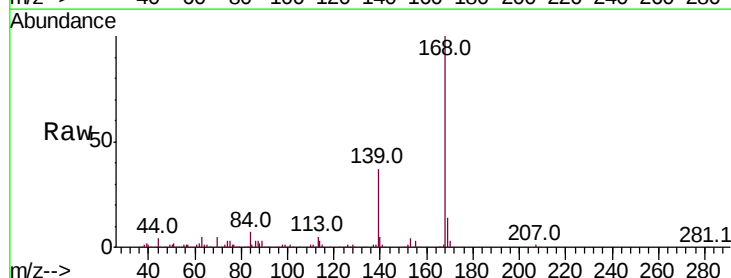
Acq: 17 Sep 2019 03:38

Tgt Ion:168 Resp: 298339

Ion Ratio Lower Upper

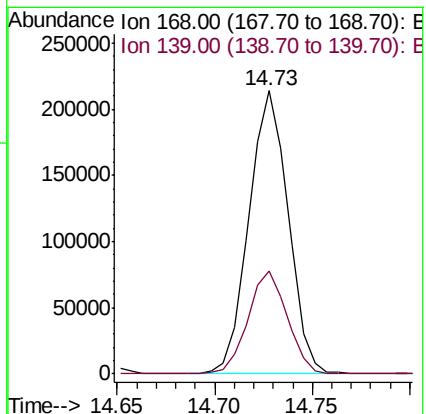
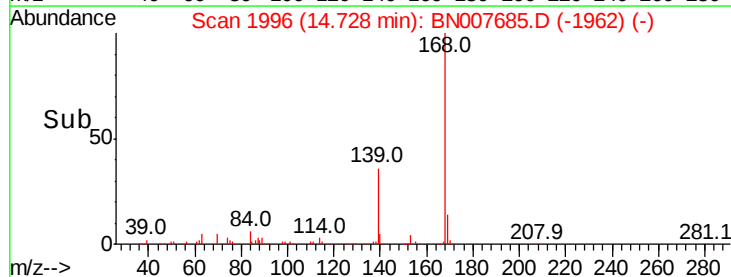
168 100

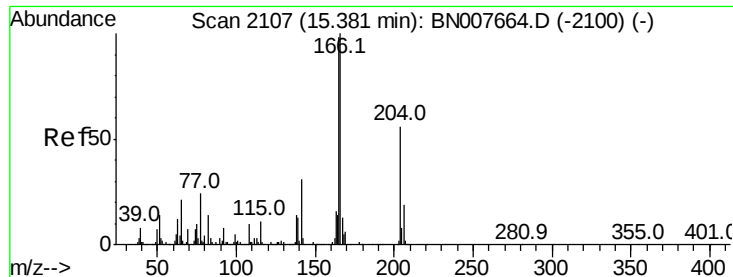
139 36.5 29.1 43.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

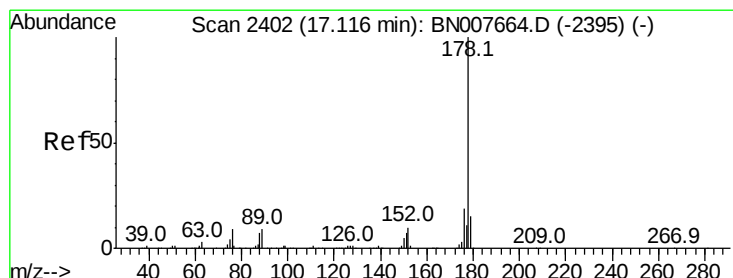
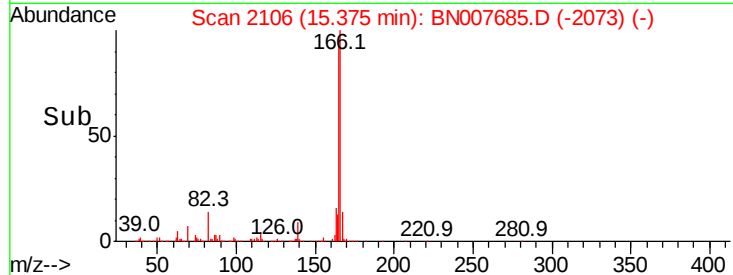
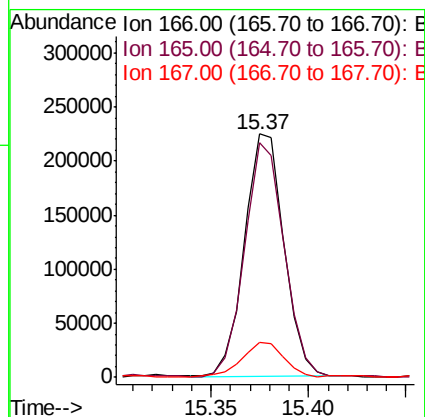
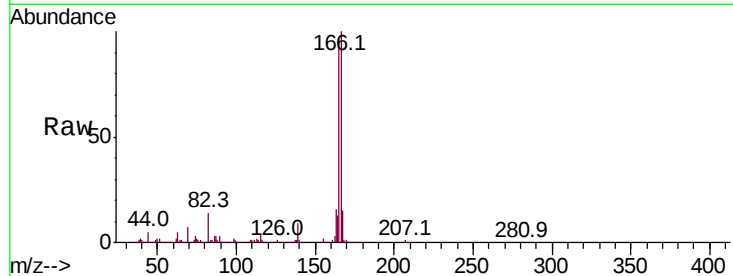




#58
 Fluorene
 Concen: 2.318 ng/ul
 RT: 15.37 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BN007685.D
 Acq: 17 Sep 2019 03:38

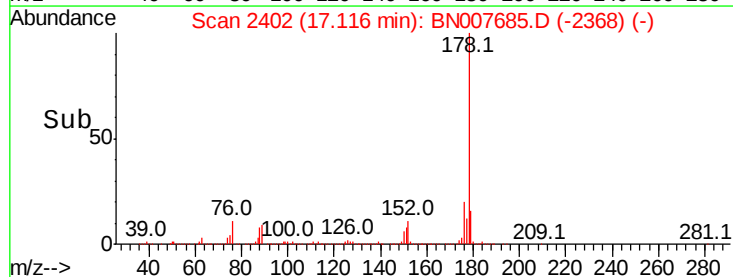
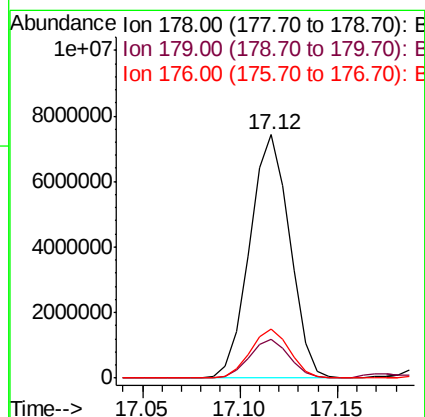
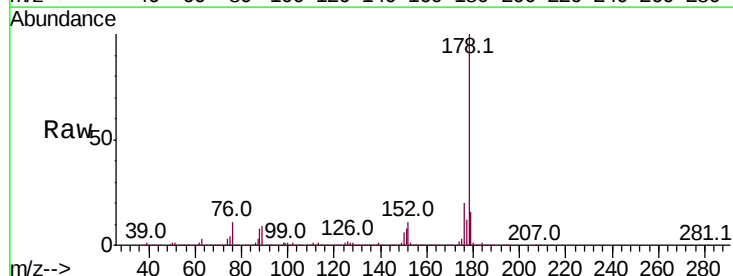
Instrument :
 BNA_N
 ClientSampleId :

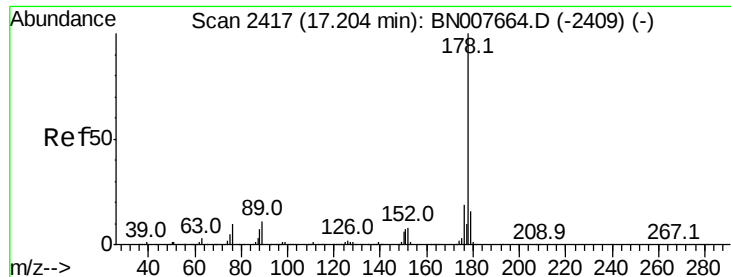
Tot Ion	Ratio	Lower	Upper
166	100		
165	96.6	78.6	118.0
167	14.5	10.8	16.2



#69
 Phenanthrene
 Concen: 48.822 ng/ul
 RT: 17.12 min Scan# 2402
 Delta R.T. -0.00 min
 Lab File: BN007685.D
 Acq: 17 Sep 2019 03:38

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.9	17.9
176	19.9	15.2	22.8



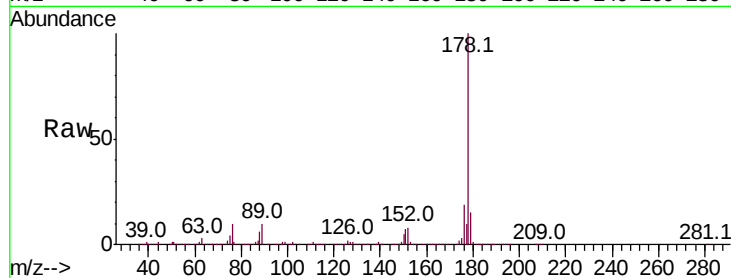


#71
 Anthracene
 Concen: 9.323 ng/ul
 RT: 17.20 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BN007685.D
 Acq: 17 Sep 2019 03:38

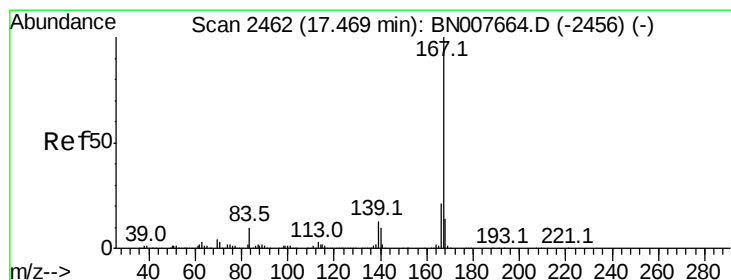
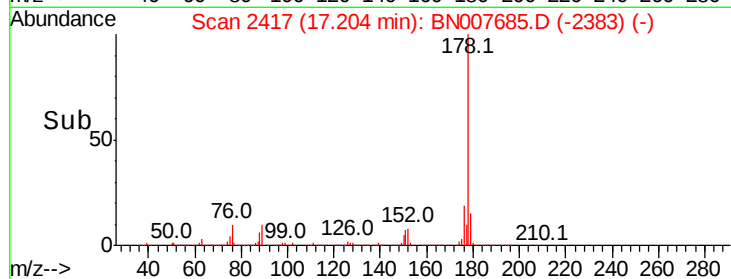
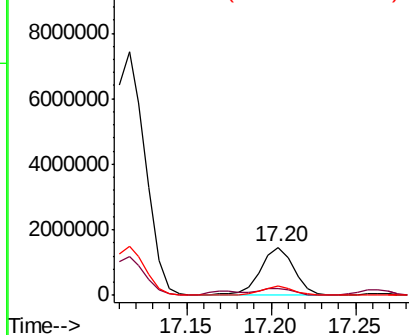
Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:178 Resp: 2022266

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.7	19.1
176	18.6	15.1	22.7



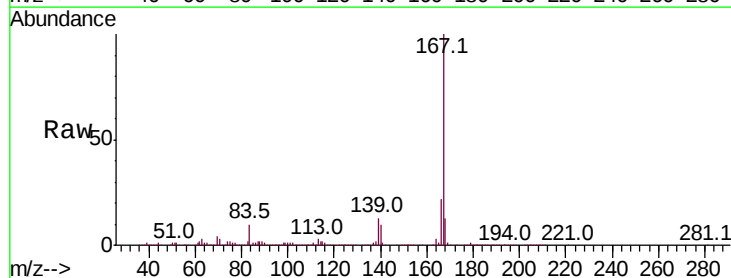
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



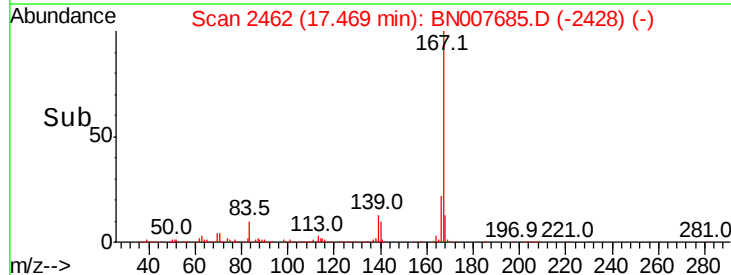
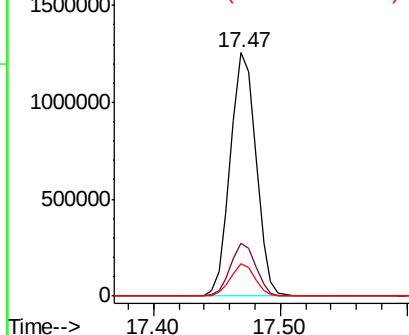
#74
 Carbazole
 Concen: 9.575 ng/ul
 RT: 17.47 min Scan# 2462
 Delta R.T. -0.00 min
 Lab File: BN007685.D
 Acq: 17 Sep 2019 03:38

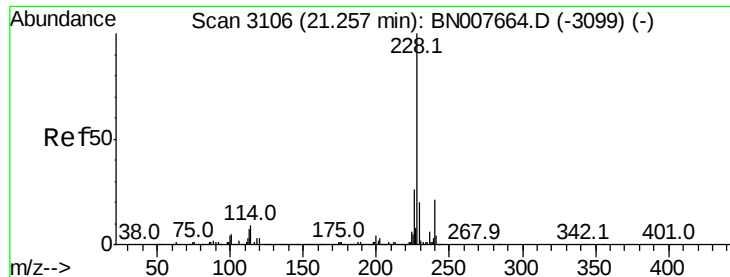
Tgt Ion:167 Resp: 1756661

Ion	Ratio	Lower	Upper
167	100		
166	21.8	17.0	25.4
139	13.1	10.1	15.1



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#82

Benzo(a)anthracene

Concen: 53.830 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

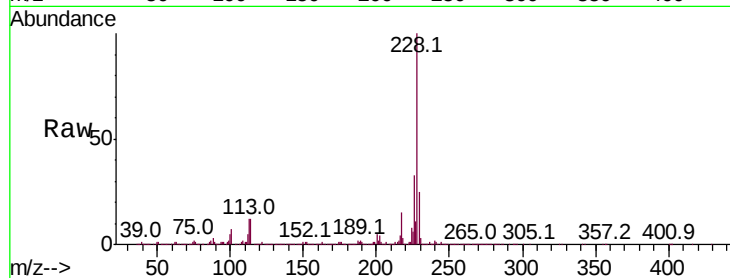
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp:13150495

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.7	23.5#
226	33.4	20.9	31.3#

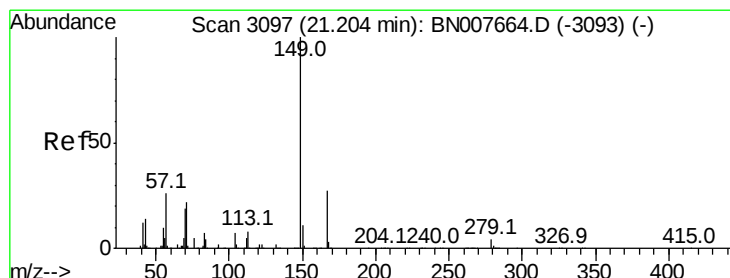
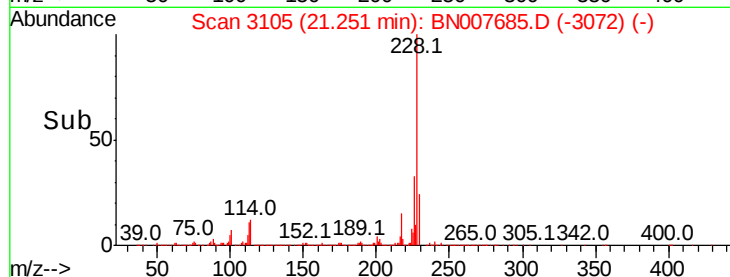
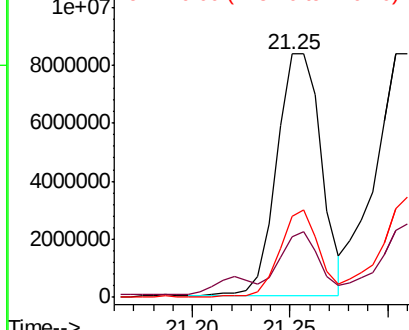


Abundance

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: 1.628 ng/ul

RT: 21.20 min Scan# 3097

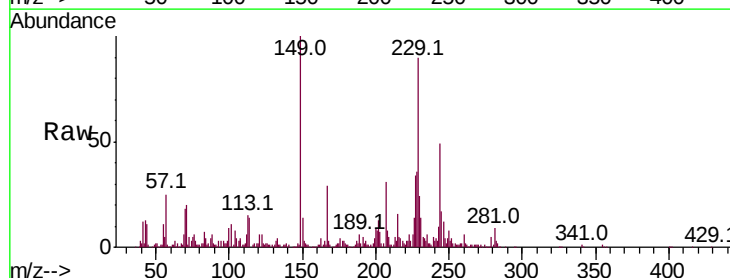
Delta R.T. -0.00 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Tgt Ion:149 Resp: 217590

Ion	Ratio	Lower	Upper
149	100		
167	28.8	21.8	32.6
279	5.0	3.4	5.0

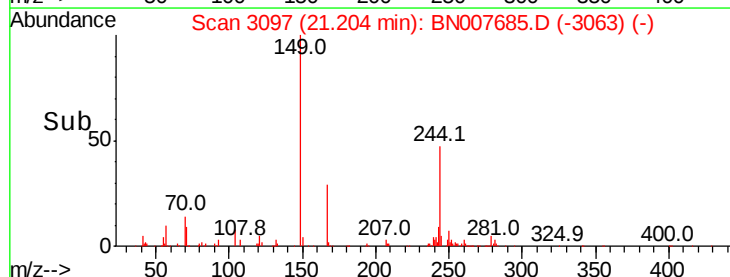
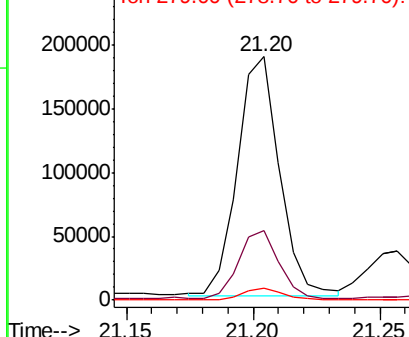


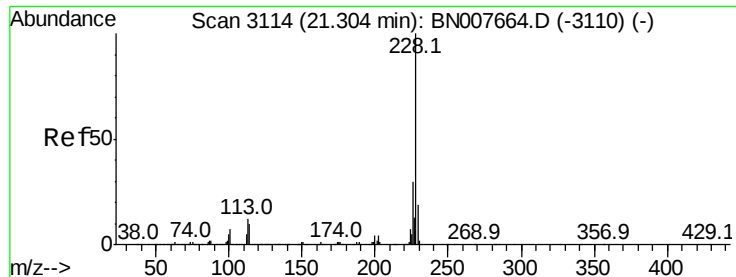
Abundance

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: 62.993 ng/ul

RT: 21.30 min Scan# 3114

Delta R.T. -0.00 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Instrument :

BNA_N

ClientSampled :

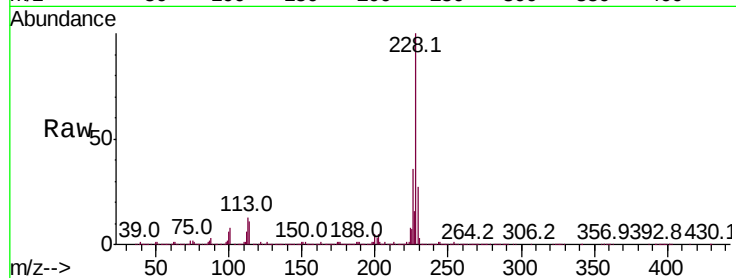
Tot Ion:228 Resp:14317785

Ion Ratio Lower Upper

228 100

226 36.4 24.2 36.4#

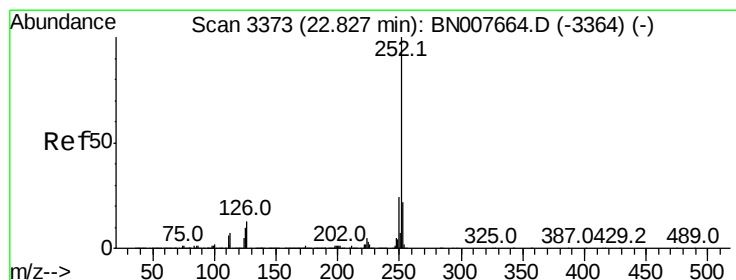
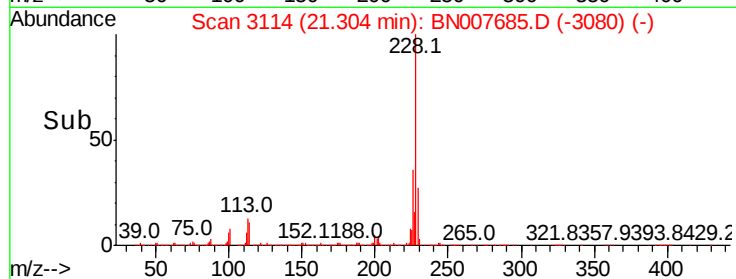
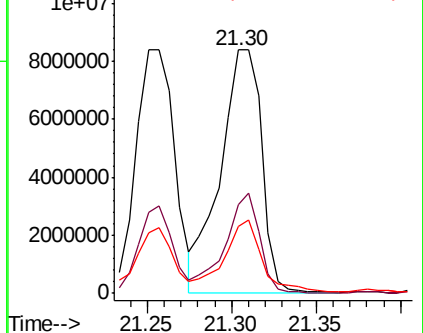
229 27.3 15.5 23.3#



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



#87

Benzo(b)fluoranthene

Concen: 80.458 ng/ul

RT: 22.84 min Scan# 3375

Delta R.T. 0.01 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

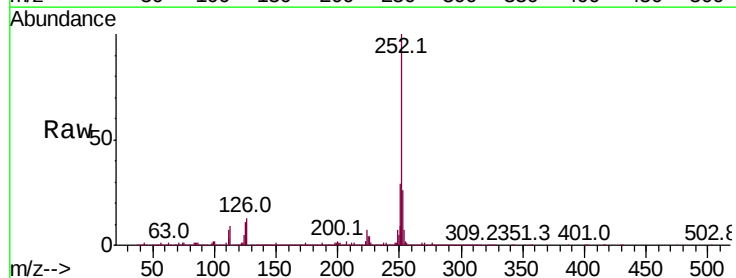
Tgt Ion:252 Resp:20272022

Ion Ratio Lower Upper

252 100

253 26.3 17.6 26.4

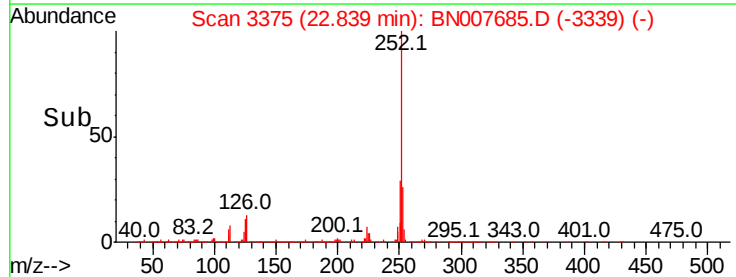
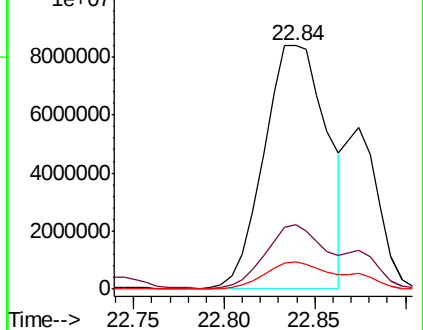
125 11.2 8.0 12.0

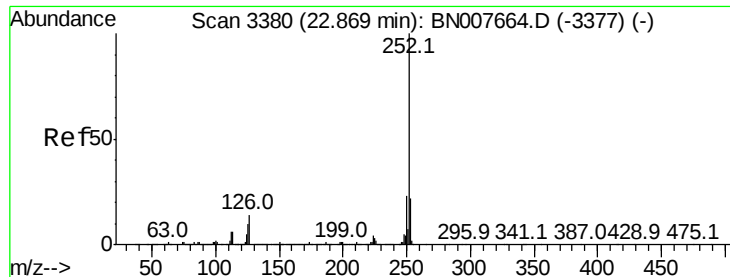


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 28.164 ng/ul

RT: 22.87 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Instrument :

BNA_N

ClientSampleId :

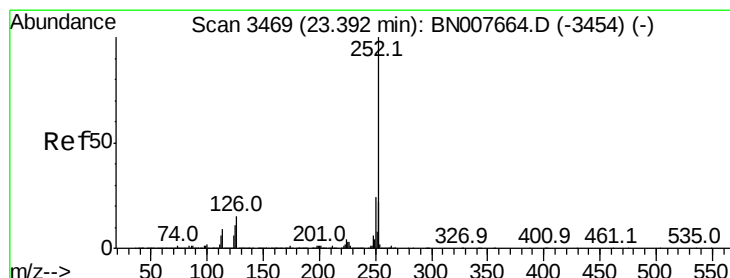
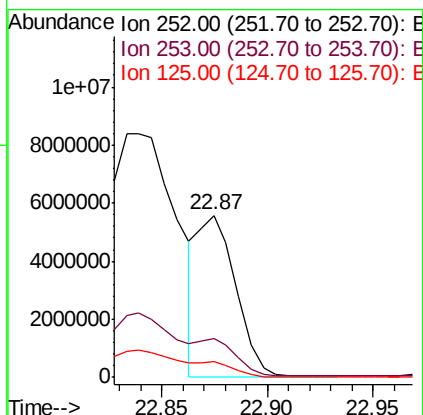
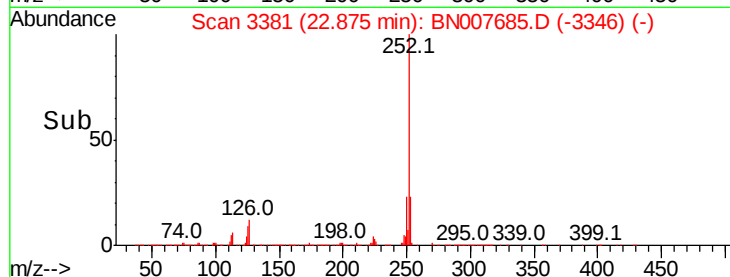
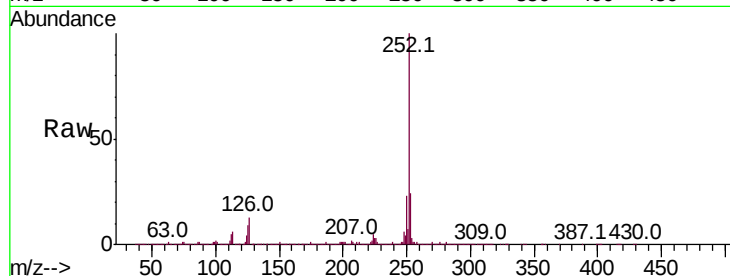
Tot Ion:252 Resp: 6895895

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 9.5 8.2 12.4



#90

Benzo(a)pyrene

Concen: 62.277 ng/ul

RT: 23.40 min Scan# 3471

Delta R.T. 0.01 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

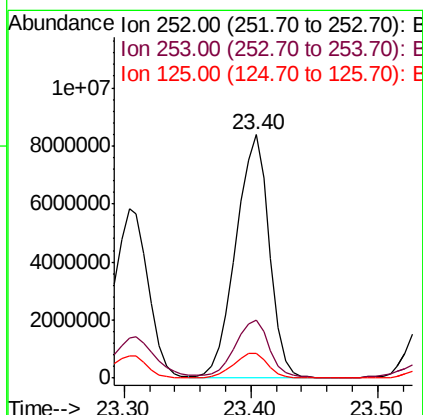
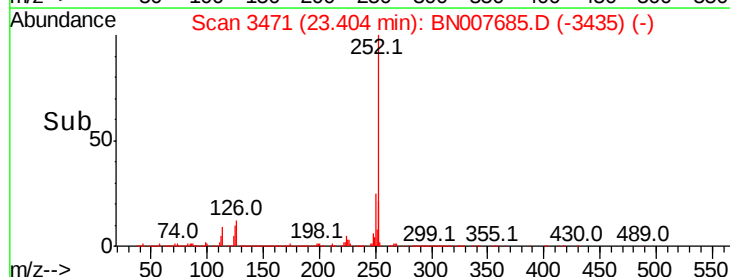
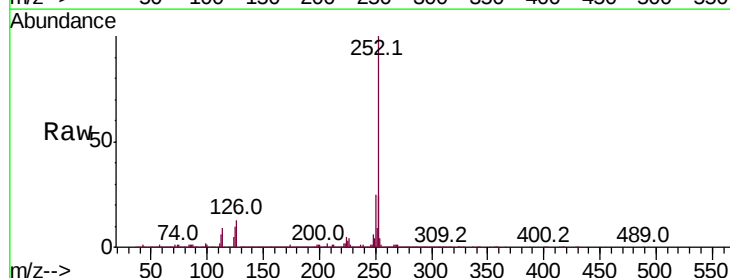
Tgt Ion:252 Resp:15170242

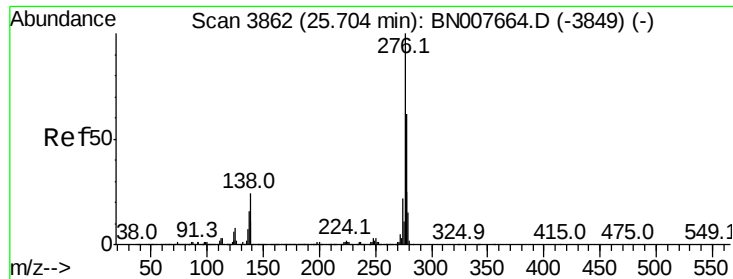
Ion Ratio Lower Upper

252 100

253 23.6 17.8 26.8

125 10.1 9.2 13.8



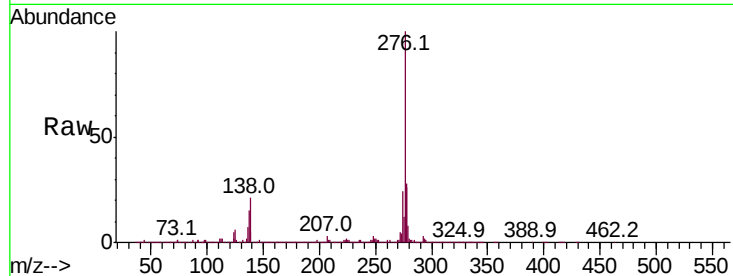


#91

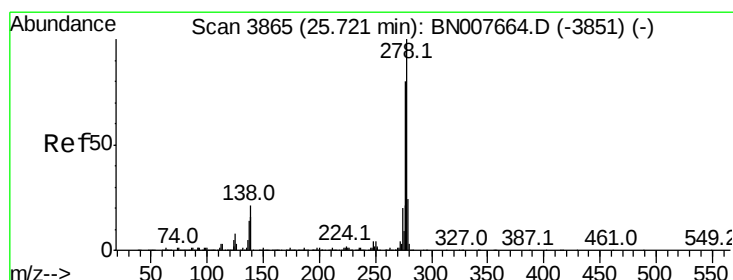
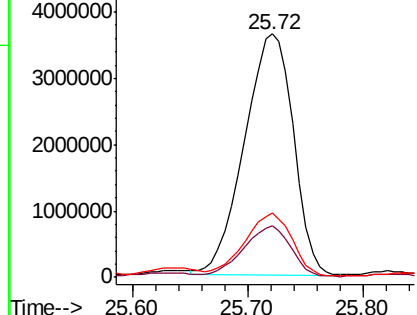
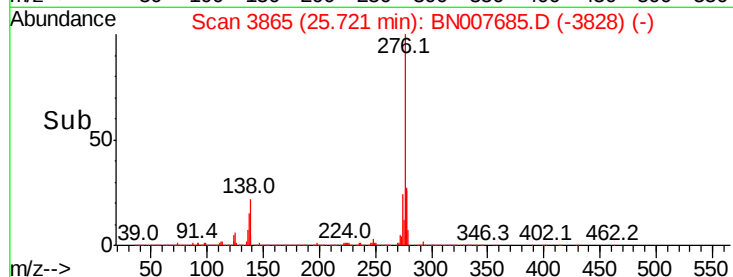
Indeno(1,2,3-cd)pyrene
Concen: 37.612 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. 0.02 min
Lab File: BN007685.D
Acq: 17 Sep 2019 03:38

Instrument :
BNA_N
ClientSampled :

Tot Ion:276 Resp:10764361
Ion Ratio Lower Upper
276 100
138 21.4 19.1 28.7
277 26.4 19.7 29.5



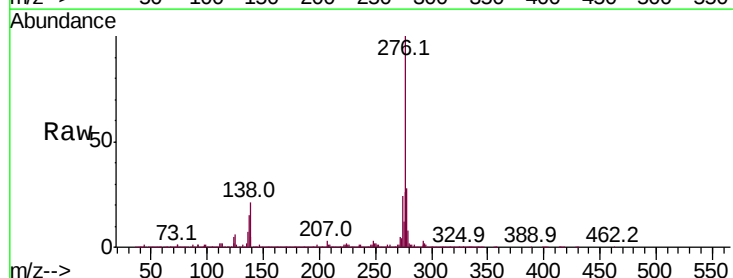
Abundance Ion 276.00 (275.70 to 276.70): E
5000000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



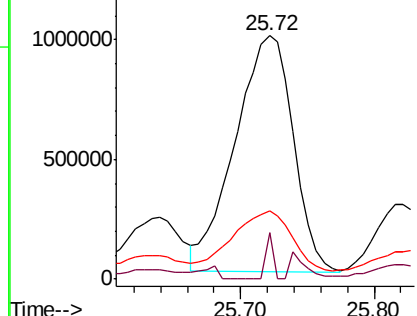
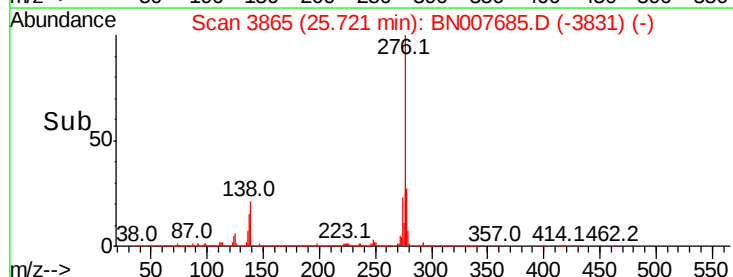
#92

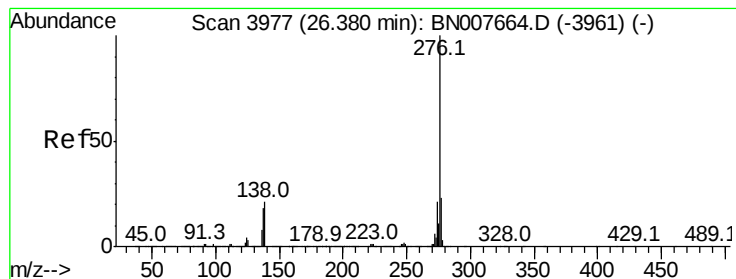
Dibenzo(a,h)anthracene
Concen: 12.518 ng/ul
RT: 25.72 min Scan# 3865
Delta R.T. 0.00 min
Lab File: BN007685.D
Acq: 17 Sep 2019 03:38

Tgt Ion:278 Resp: 2988095
Ion Ratio Lower Upper
278 100
139 19.2 12.6 19.0#
279 28.0 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E
1000000
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 46.779 ng/ul

RT: 26.40 min Scan# 3981

Delta R.T. 0.02 min

Lab File: BN007685.D

Acq: 17 Sep 2019 03:38

Instrument :

BNA_N

ClientSampleId :

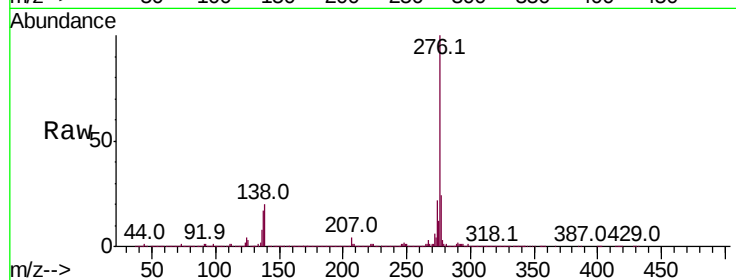
Tot Ion:276 Resp:10975190

Ion Ratio Lower Upper

276 100

138 19.8 16.5 24.7

277 23.9 18.7 28.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

