

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080818\
 Data File : BN002246.D
 Acq On : 08 Aug 2018 11:50
 Operator : JU/SJ
 Sample : J4268-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Aug 09 02:17:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 09 02:16:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	256131	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1141888	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	626695	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1239463	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	850125	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	833951	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	18119	3.19	ng/uL	0.00
5) Phenol-d5	6.86	99	387152	16.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	261072	17.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	324955	17.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	291680	15.01	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	171493	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	179974	16.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	318670	16.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	355329	15.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	998596	18.80	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1271372	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	96240	9.48	ng/ul	0.00
57) Fluorene-d10	15.32	176	842487	18.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	92154	11.42	ng/ul	0.00
70) Anthracene-d10	17.16	188	1188531	19.67	ng/ul	0.00
78) Pyrene-d10	19.46	212	1056392	23.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	828132	18.39	ng/ul	0.00

Target Compounds

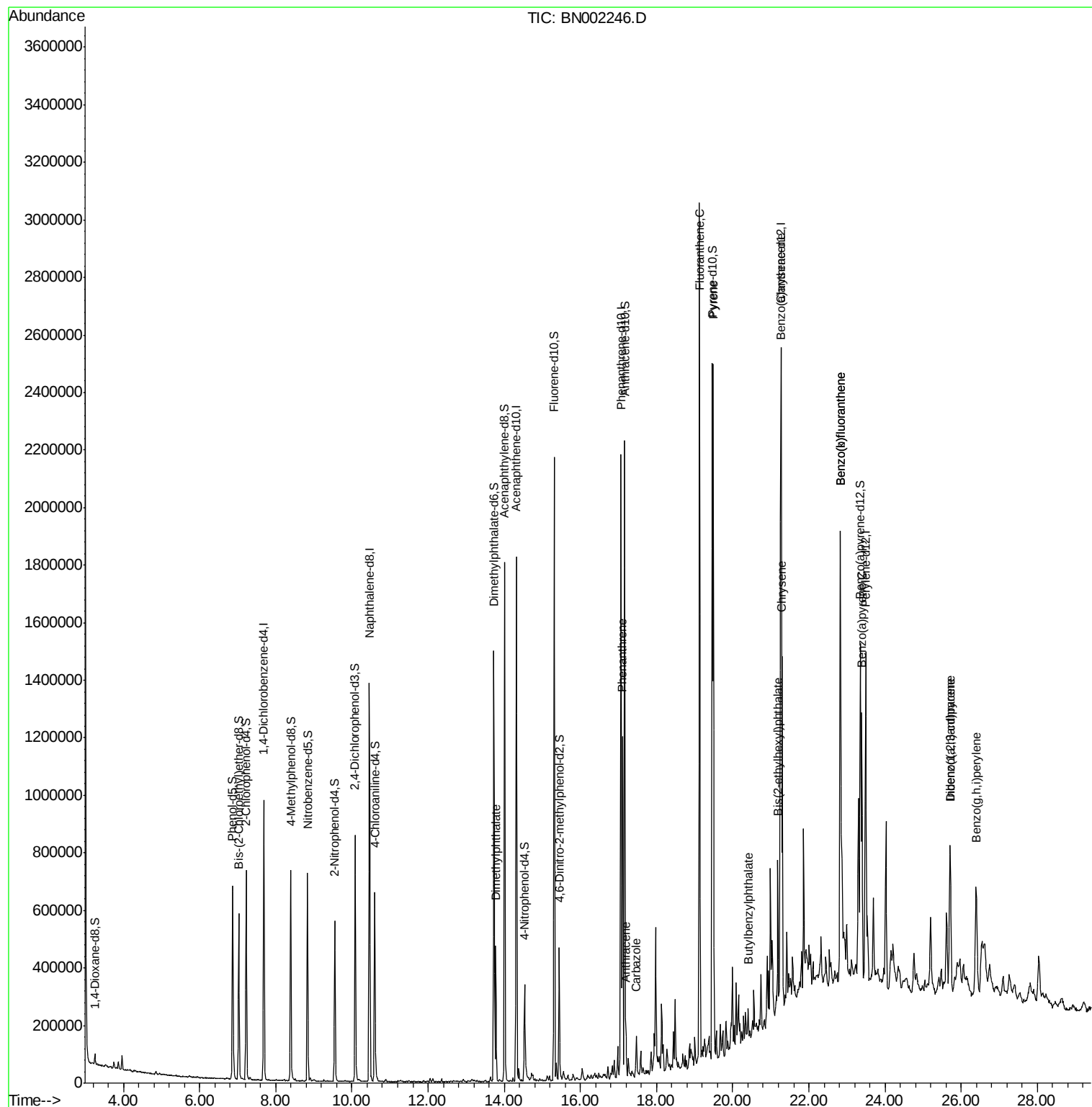
					Ovalue	
44) Dimethylphthalate	13.77	163	293700	5.644	ng/ul	100
69) Phenanthrene	17.11	178	707306	10.161	ng/ul	99
71) Anthracene	17.20	178	98675	1.392	ng/ul	98
74) Carbazole	17.47	167	79130	1.320	ng/ul	97
76) Fluoranthene	19.13	202	1760431	23.832	ng/ul	99
79) Pyrene	19.49	202	1390113	25.483	ng/ul	98
80) Butylbenzylphthalate	20.40	149	26030	1.005	ng/ul	91
82) Benzo(a)anthracene	21.25	228	539265	9.959	ng/ul	98
83) Bis(2-ethylhexyl)phthalate	21.19	149	169528	4.621	ng/ul	99
84) Chrysene	21.30	228	674637	13.368	ng/ul	98
87) Benzo(b)fluoranthene	22.83	252	916356	17.853	ng/ul	98
88) Benzo(k)fluoranthene	22.83	252	916356	18.792	ng/ul	97
90) Benzo(a)pyrene	23.39	252	564651	11.578	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.71	276	457362	8.113	ng/ul#	92
92) Dibenzo(a,h)anthracene	25.72	278	105186	2.229	ng/ul#	93
93) Benzo(g,h,i)perylene	26.39	276	443218	9.356	ng/ul	99

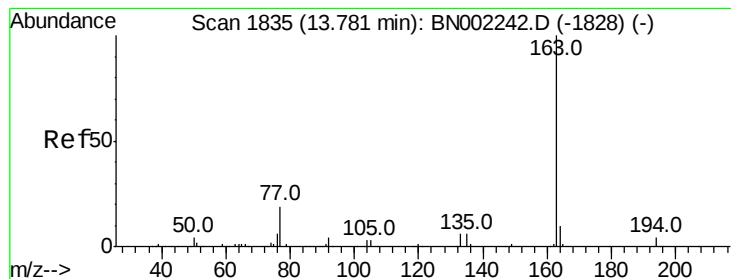
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 09 02:16:22 2018
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 5.644 ng/ul

RT: 13.77 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_E

ClientSampled :

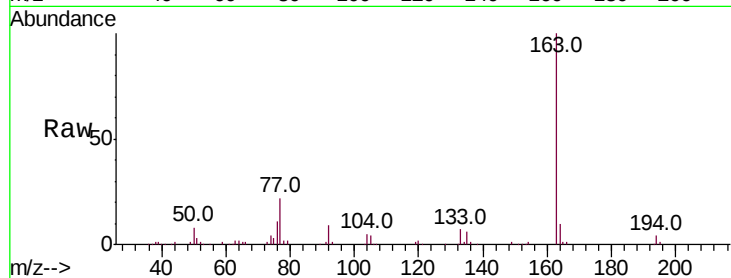
Tot Ion:163 Resp: 293700

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

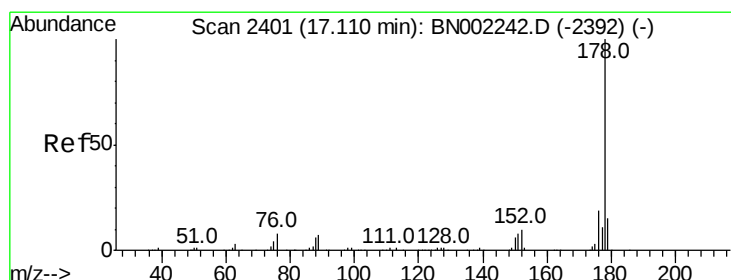
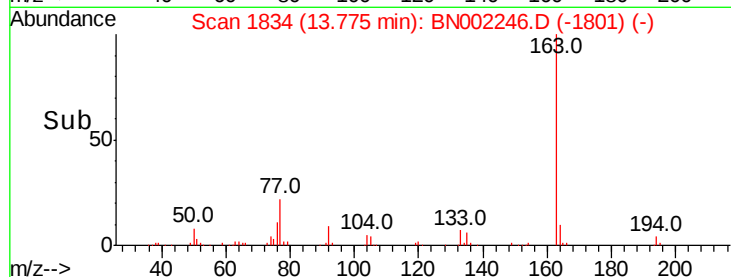
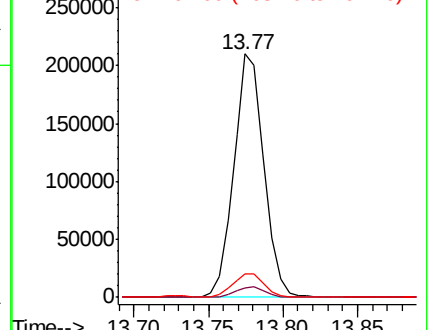
164 9.6 7.8 11.8



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



#69

Phenanthrene

Concen: 10.161 ng/ul

RT: 17.11 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

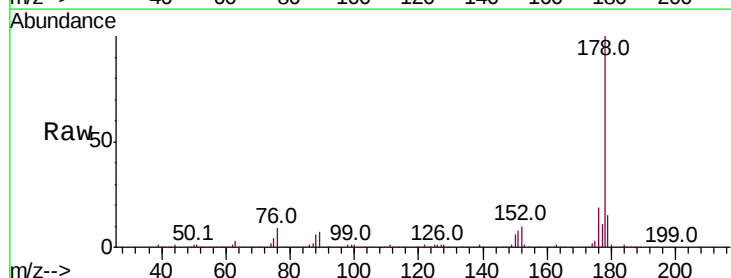
Tgt Ion:178 Resp: 707306

Ion Ratio Lower Upper

178 100

179 15.0 12.2 18.4

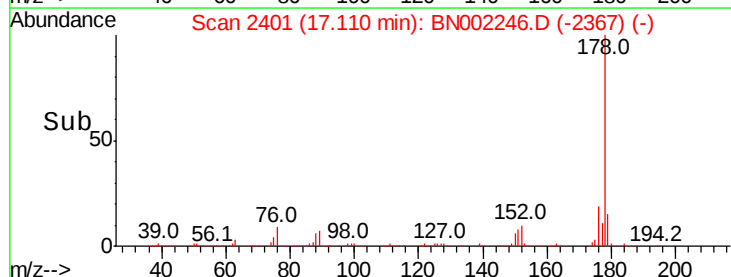
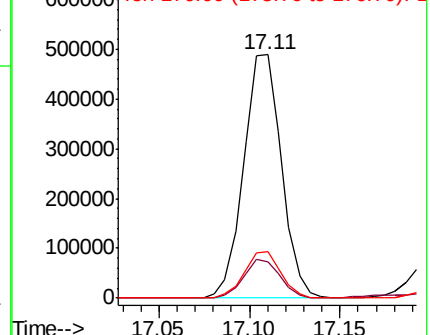
176 19.2 15.6 23.4

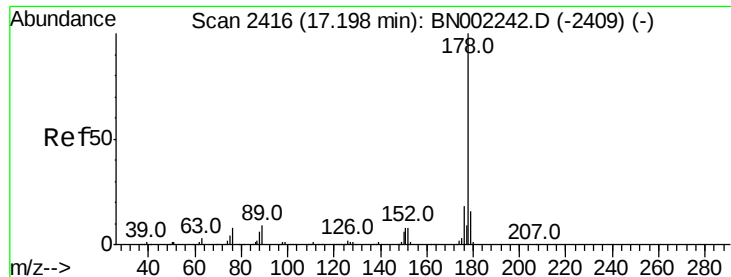


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

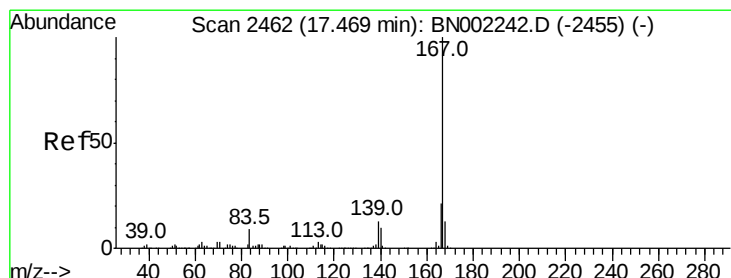
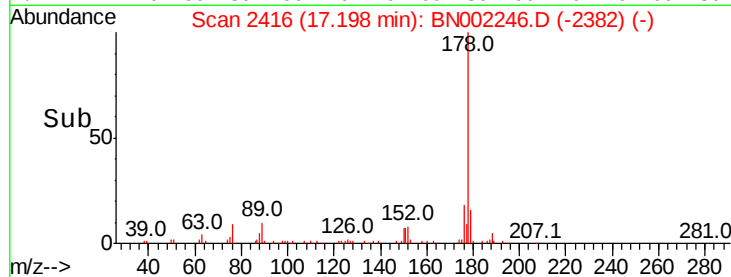
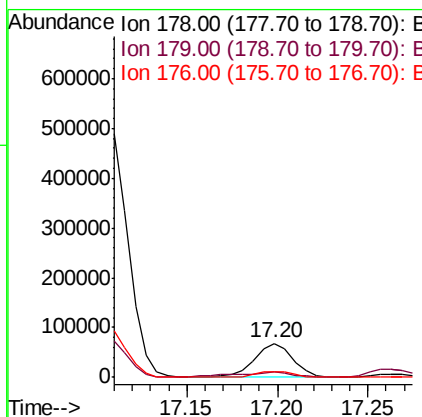
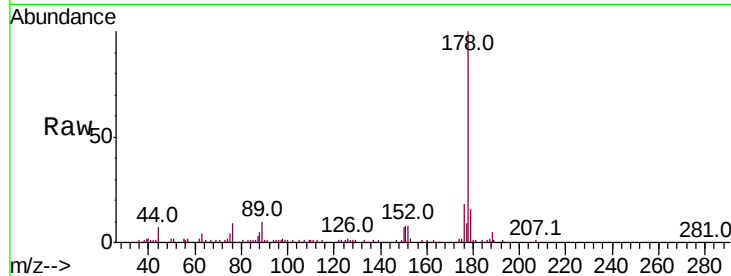




#71
 Anthracene
 Concen: 1.392 ng/ul
 RT: 17.20 min Scan# 2416
 Delta R.T. -0.00 min
 Lab File: BN002246.D
 Acq: 08 Aug 2018 11:50

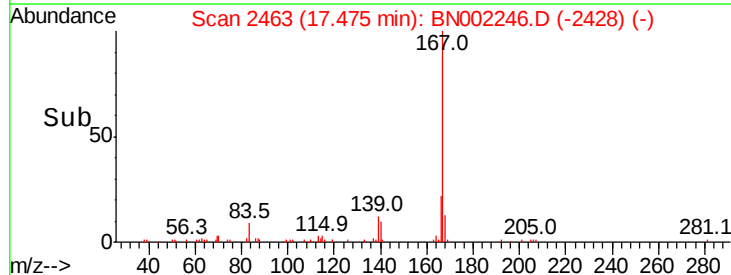
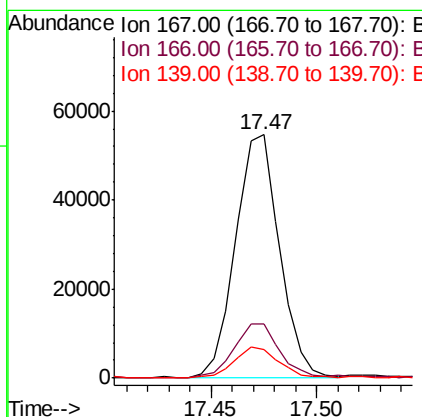
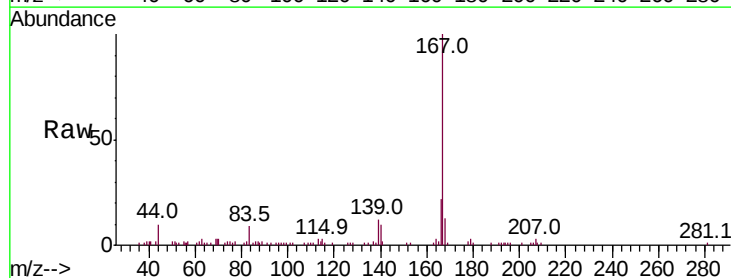
Instrument :
 BNA_E
 ClientSampleId :

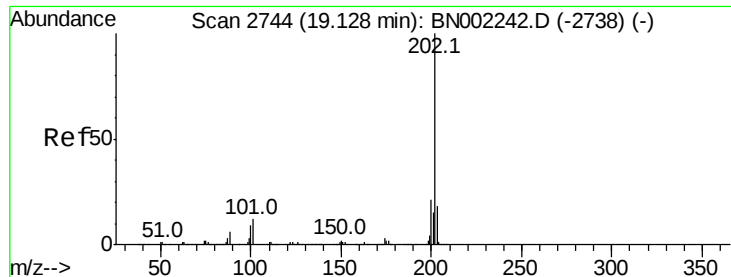
Tot Ion:178 Resp: 98675
 Ion Ratio Lower Upper
 178 100
 179 16.0 12.1 18.1
 176 18.1 14.8 22.2



#74
 Carbazole
 Concen: 1.320 ng/ul
 RT: 17.47 min Scan# 2463
 Delta R.T. 0.01 min
 Lab File: BN002246.D
 Acq: 08 Aug 2018 11:50

Tgt Ion:167 Resp: 79130
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.0 25.6
 139 12.0 11.0 16.4

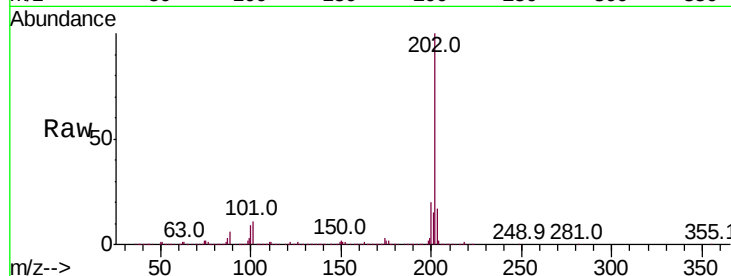




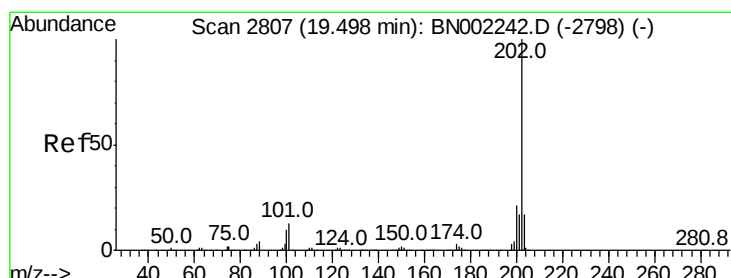
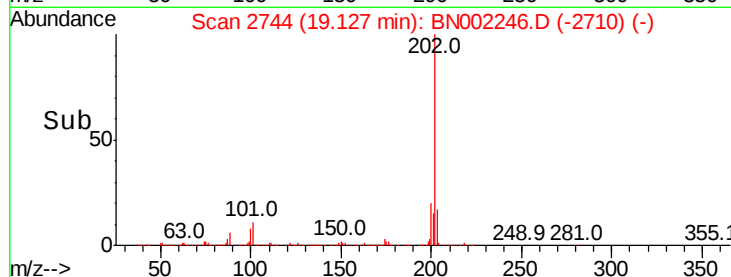
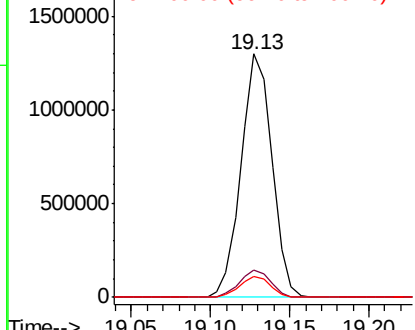
#76
Fluoranthene
Concen: 23.832 ng/ul
RT: 19.13 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Instrument :
BNA_E
ClientSampleId :

Tot Ion:202 Resp: 1760431
Ion Ratio Lower Upper
202 100
101 11.2 8.8 13.2
100 8.5 6.6 9.8

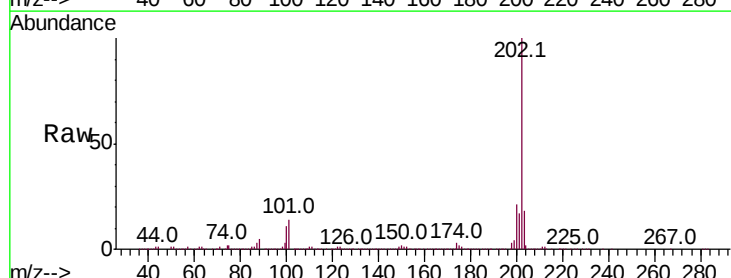


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

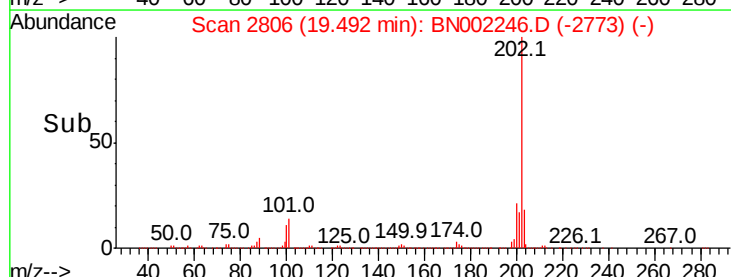
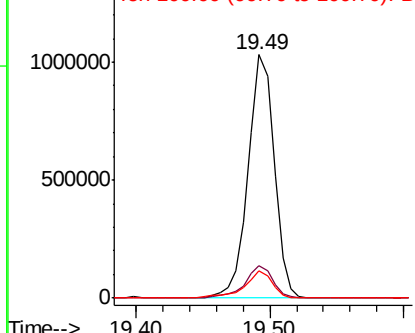


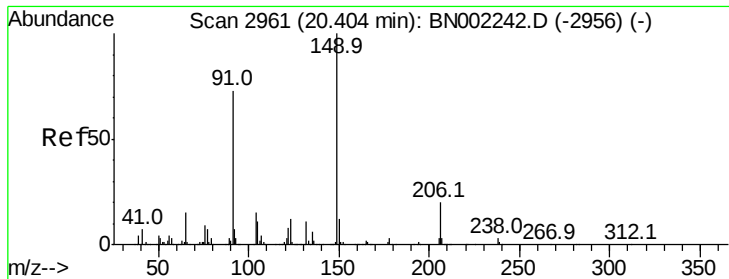
#79
Pyrene
Concen: 25.483 ng/ul
RT: 19.49 min Scan# 2806
Delta R.T. -0.01 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Tgt Ion:202 Resp: 1390113
Ion Ratio Lower Upper
202 100
101 13.6 10.2 15.2
100 11.3 8.5 12.7



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

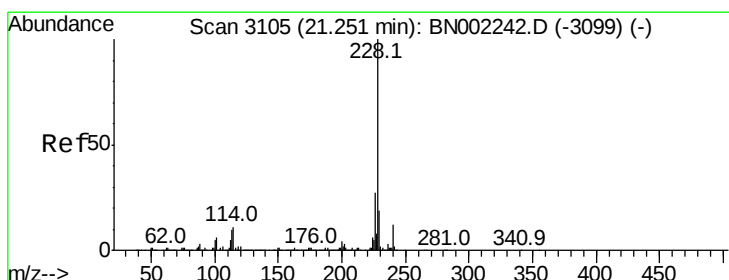
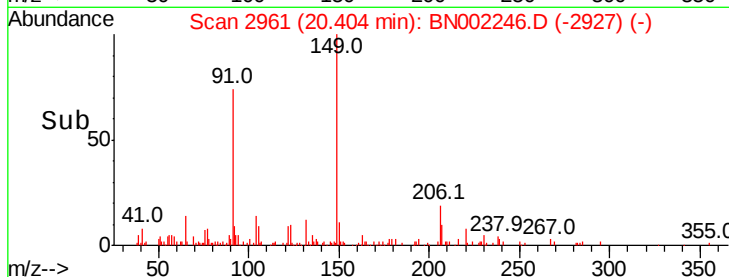
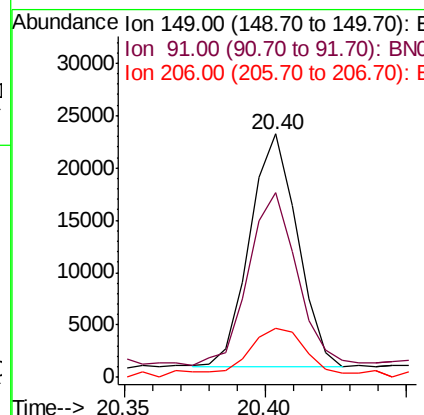
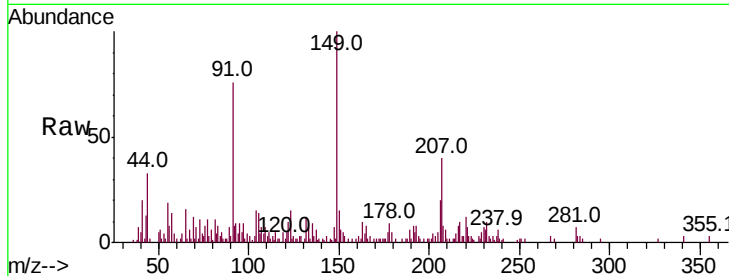




#80
Butylbenzylphthalate
Concen: 1.005 ng/ul
RT: 20.40 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

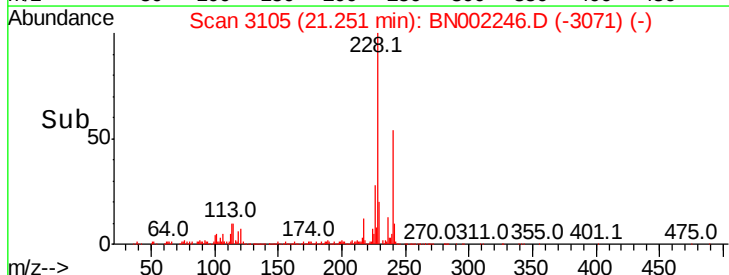
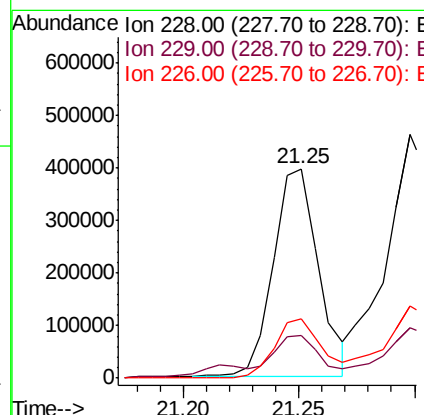
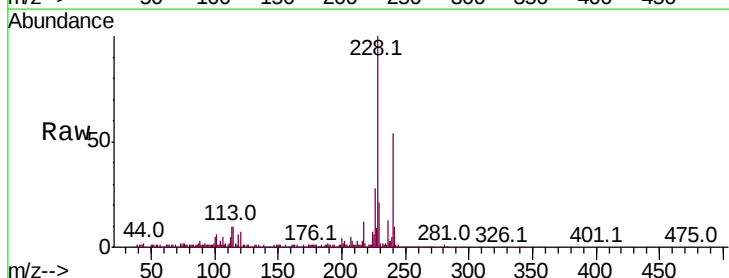
Instrument :
BNA_E
ClientSampleId :

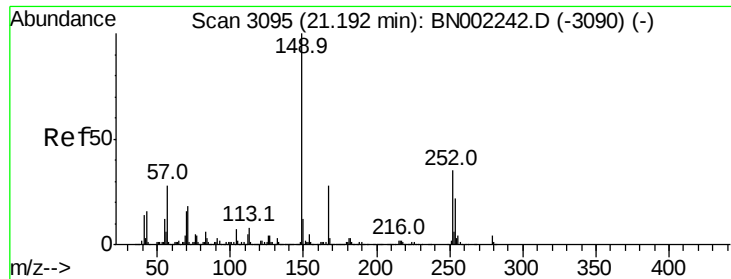
Tot Ion	Ratio	Lower	Upper
149	100		
91	75.7	53.4	80.2
206	20.2	16.6	24.8



#82
Benzo(a)anthracene
Concen: 9.959 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BN002246.D
Acq: 08 Aug 2018 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.7	23.5
226	28.1	21.8	32.6

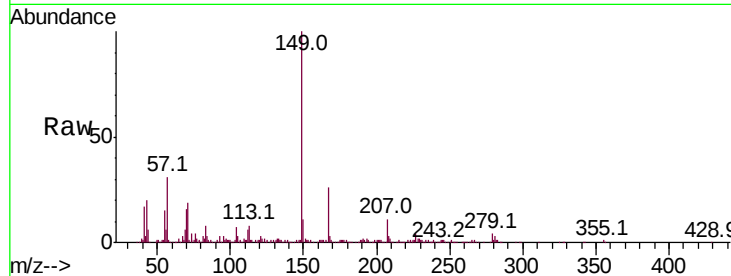




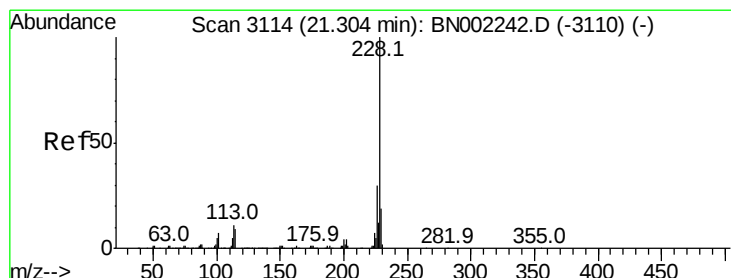
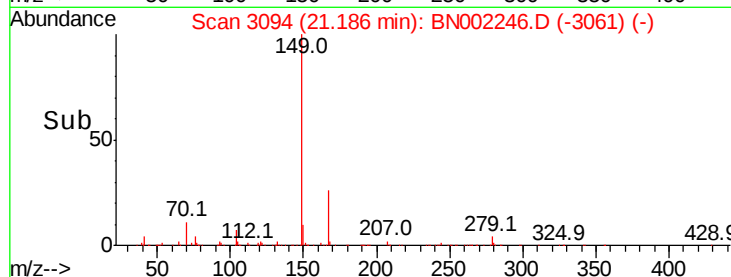
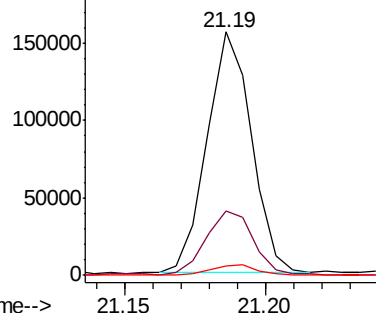
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.621 ng/ul
 RT: 21.19 min Scan# 3094
 Delta R.T. -0.01 min
 Lab File: BN002246.D
 Acq: 08 Aug 2018 11:50

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:149 Resp: 169528
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.6 32.4
 279 4.0 3.0 4.4

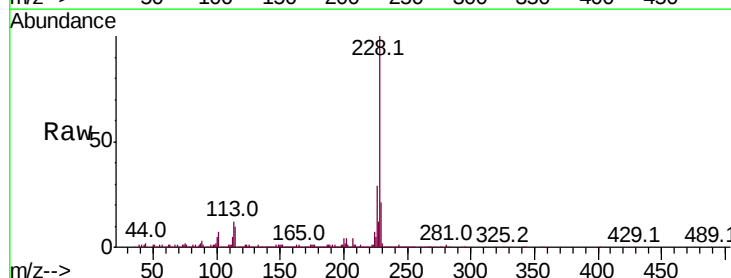


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

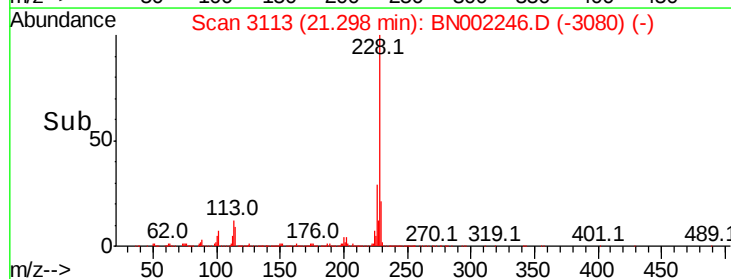
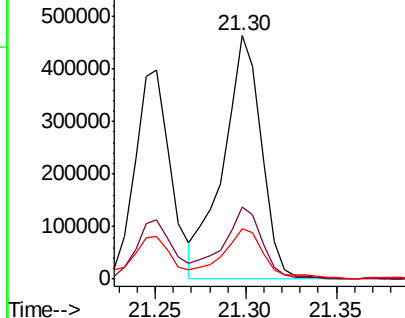


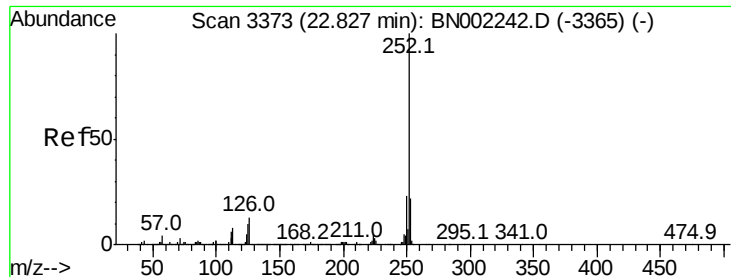
#84
 Chrysene
 Concen: 13.368 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BN002246.D
 Acq: 08 Aug 2018 11:50

Tgt Ion:228 Resp: 674637
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.0 36.0
 229 20.9 15.6 23.4



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: 17.853 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.00 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_E

ClientSampleId :

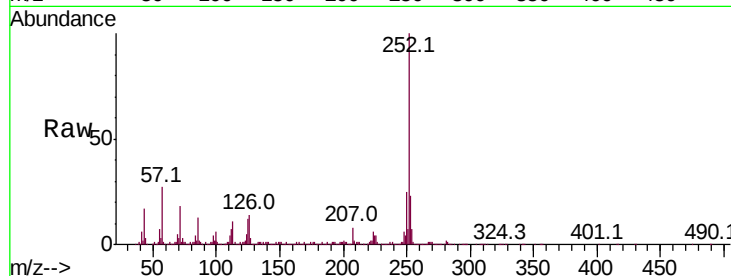
Tot Ion:252 Resp: 916356

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

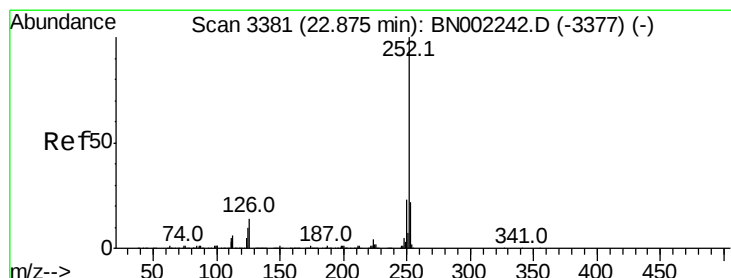
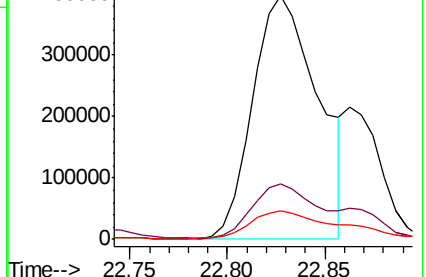
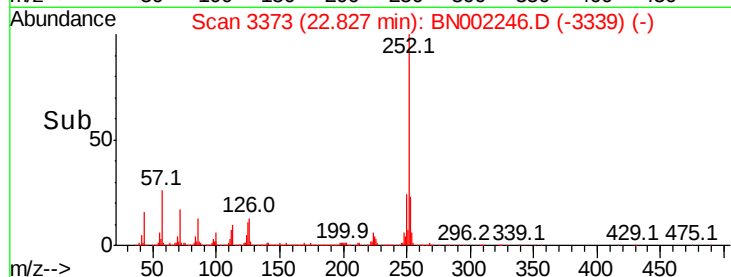
125 11.6 8.5 12.7



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: 18.792 ng/ul

RT: 22.83 min Scan# 3373

Delta R.T. -0.05 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

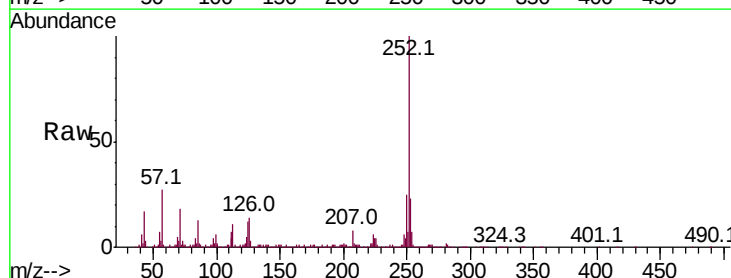
Tgt Ion:252 Resp: 916356

Ion Ratio Lower Upper

252 100

253 23.0 17.3 25.9

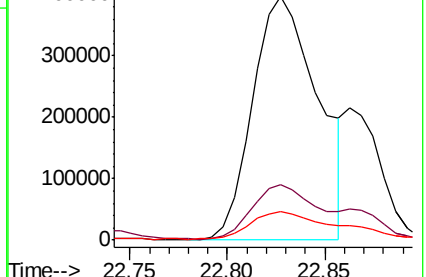
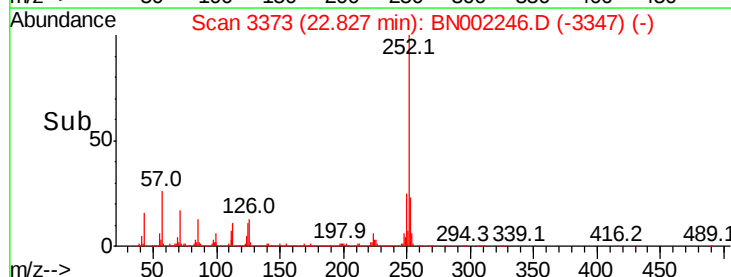
125 11.6 8.2 12.2

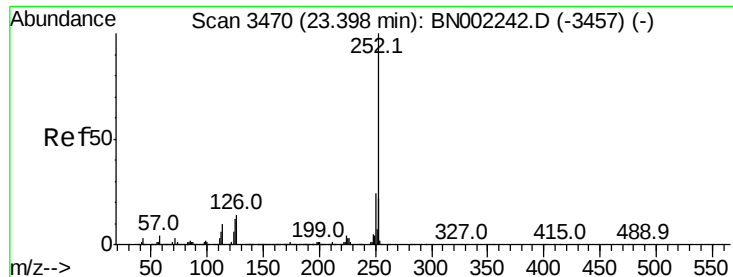


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 11.578 ng/ul

RT: 23.39 min Scan# 3469

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_E

ClientSampleId :

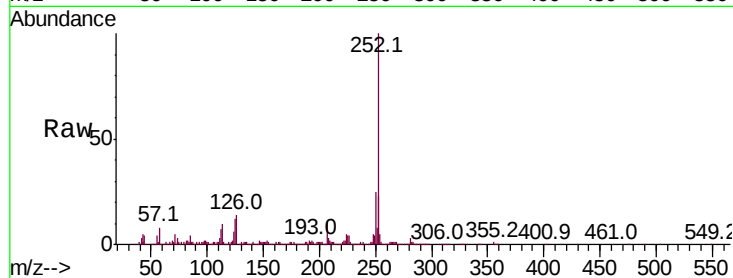
Tot Ion:252 Resp: 564651

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

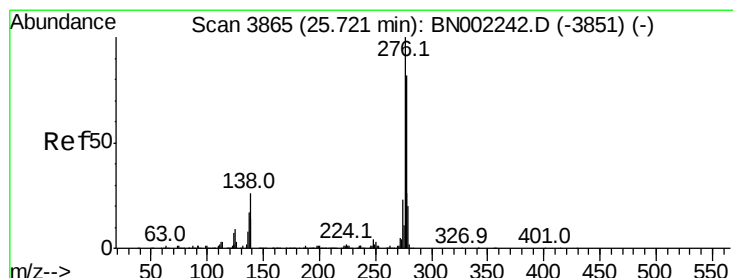
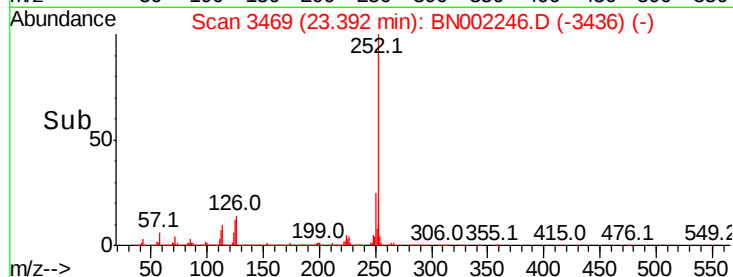
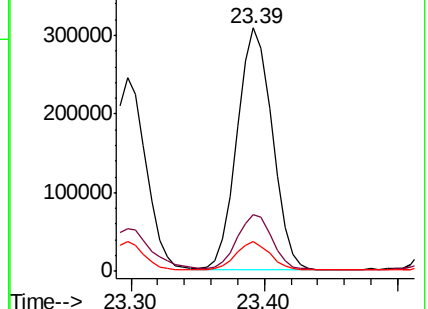
125 12.1 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 8.113 ng/ul

RT: 25.71 min Scan# 3863

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

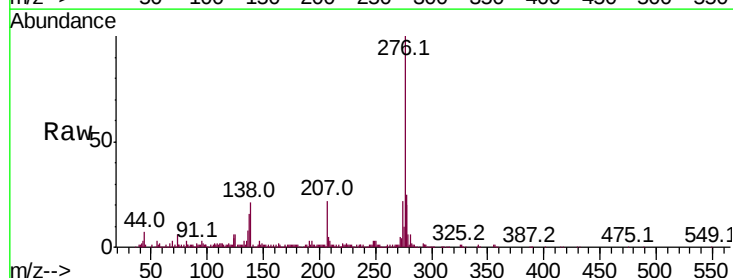
Tgt Ion:276 Resp: 457362

Ion Ratio Lower Upper

276 100

138 20.6 22.3 33.5#

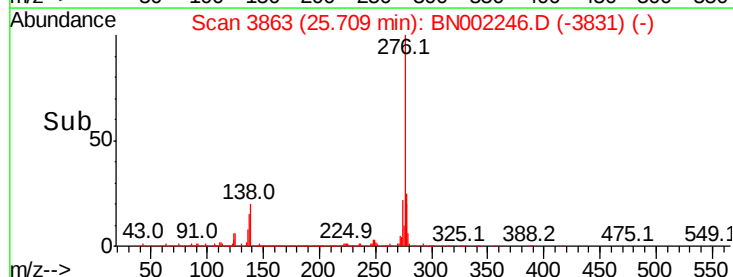
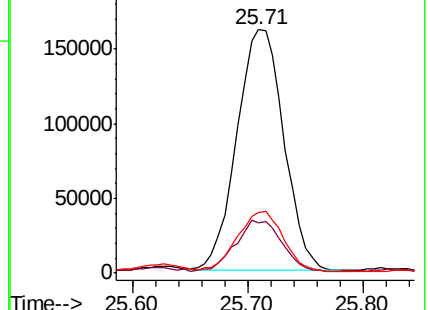
277 25.0 20.2 30.2

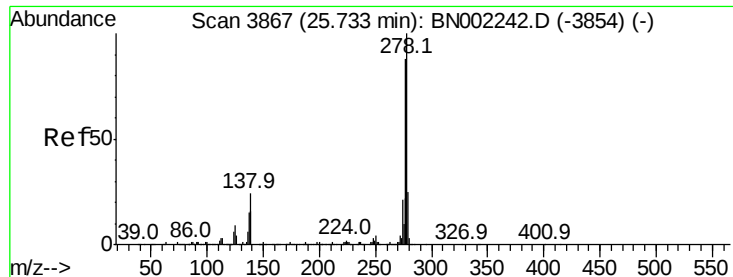


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 2.229 ng/ul

RT: 25.72 min Scan# 3865

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

Instrument :

BNA_E

ClientSampleId :

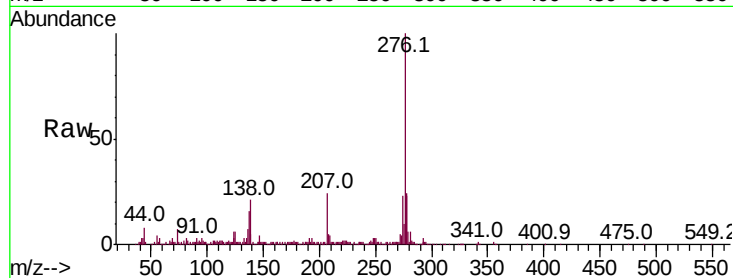
Tot Ion:278 Resp: 105186

Ion Ratio Lower Upper

278 100

139 23.6 13.9 20.9#

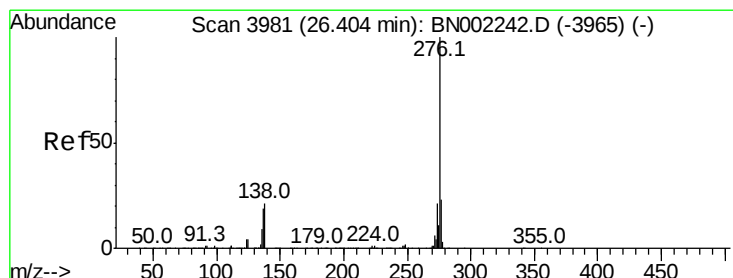
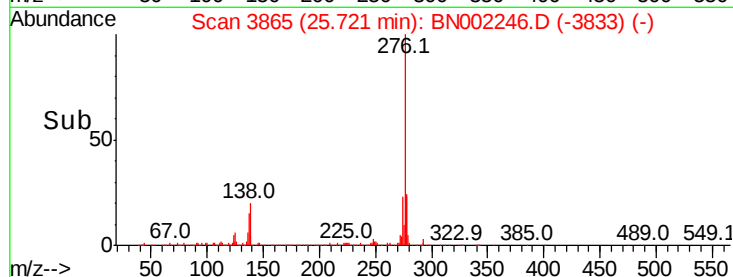
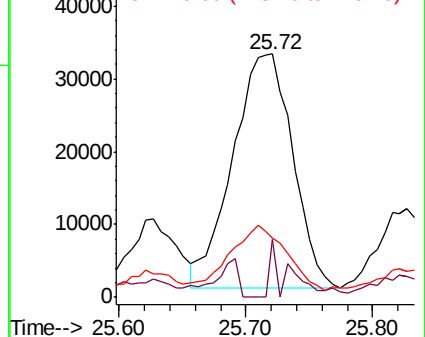
279 24.2 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#93

Benzo(g,h,i)perylene

Concen: 9.356 ng/ul

RT: 26.39 min Scan# 3979

Delta R.T. -0.01 min

Lab File: BN002246.D

Acq: 08 Aug 2018 11:50

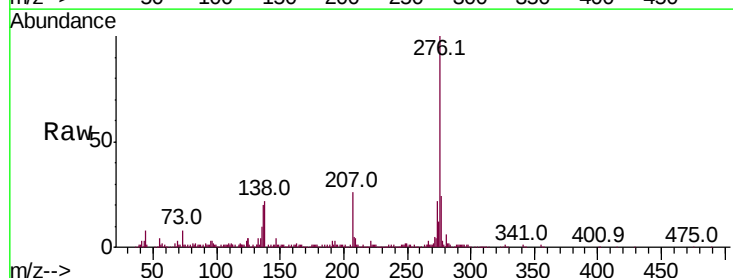
Tgt Ion:276 Resp: 443218

Ion Ratio Lower Upper

276 100

138 22.4 18.9 28.3

277 23.8 19.2 28.8



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

