

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020320\
 Data File : BN009570.D
 Acq On : 04 Feb 2020 18:39
 Operator : CG/JU
 Sample : L1302-08
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AM0

Quant Time: Feb 05 00:52:04 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 03 16:39:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	142313	20.00	ng/ul	0.00
18) Naphthalene-d8	10.19	136	592945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	364578	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	790079	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	768361	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	832183	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	4584	1.32	ng/uL	0.00
5) Phenol-d5	6.64	99	90722	7.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	66915	8.03	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	74896	8.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	70729	7.16	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	34811	7.89	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	37483	7.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	72361	7.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	50054	5.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	236175	8.87	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	262681	8.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	23489	4.67	ng/ul	0.01
57) Fluorene-d10	15.08	176	212496	9.08	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	17076	3.46	ng/ul	0.00
70) Anthracene-d10	16.93	188	324679	9.04	ng/ul	0.00
78) Pyrene-d10	19.23	212	389783	9.65	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	405392	9.89	ng/ul	0.00

Target Compounds

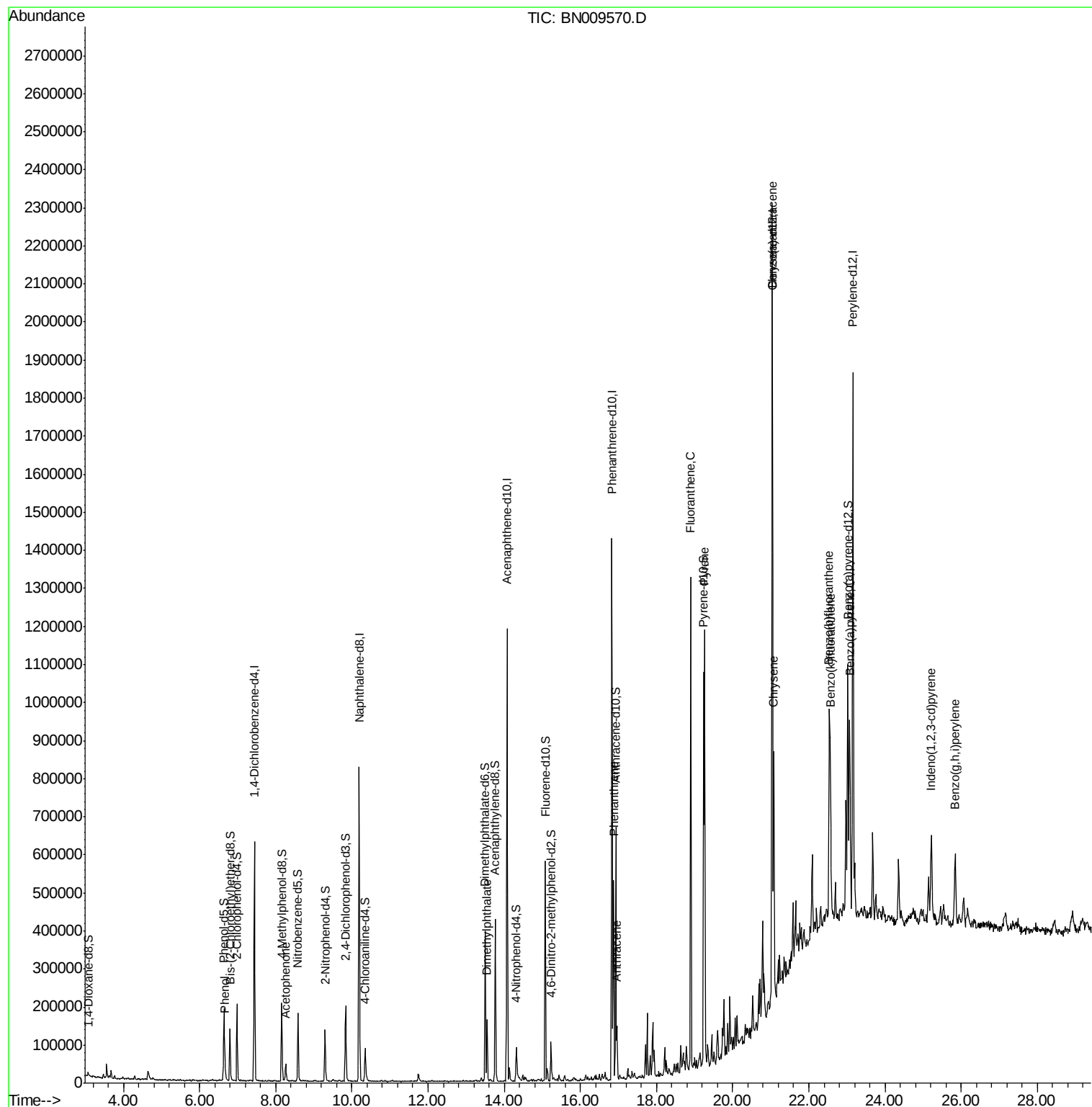
					Ovalue
6) Phenol	6.67	94	14527	1.095 ng/ul	94
14) Acetophenone	8.26	105	22910	1.449 ng/ul	95
44) Dimethylphthalate	13.55	163	96722	3.424 ng/ul	99
69) Phenanthrene	16.87	178	283191	6.285 ng/ul	98
71) Anthracene	16.96	178	76532	1.674 ng/ul	98
76) Fluoranthene	18.90	202	690381	13.425 ng/ul	99
79) Pyrene	19.26	202	644135	11.484 ng/ul	96
82) Benzo(a)anthracene	21.03	228	366042	6.900 ng/ul	98
84) Chrysene	21.08	228	344584	6.524 ng/ul	98
87) Benzo(b)fluoranthene	22.53	252	429467	8.249 ng/ul	98
88) Benzo(k)fluoranthene	22.57	252	137880	2.689 ng/ul	97
90) Benzo(a)pyrene	23.06	252	306479	6.353 ng/ul	93
91) Indeno(1,2,3-cd)pyrene	25.21	276	188643	3.289 ng/ul	94
93) Benzo(g,h,i)perylene	25.84	276	177973	3.703 ng/ul	93

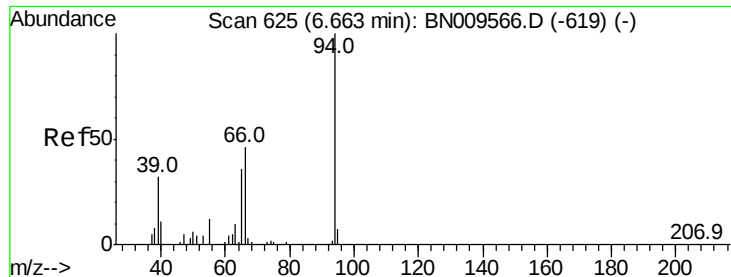
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
Data File : BN009570.D
Acq On : 04 Feb 2020 18:39
Operator : CG/JU
Sample : L1302-08
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C5AM0

Quant Time: Feb 05 00:52:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.095 ng/ul

RT: 6.67 min Scan# 626

Delta R.T. 0.00 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

Instrument :

BNA_N

ClientSampled :

C5AM0

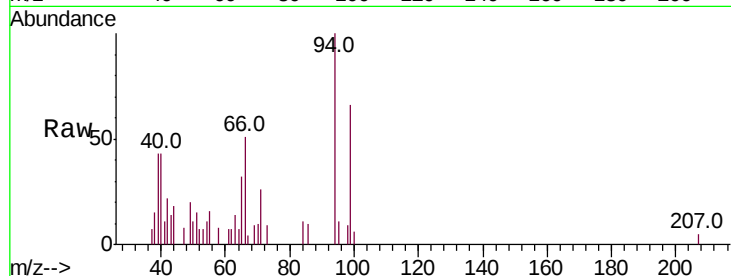
Tot Ion: 94 Resp: 14527

Ion Ratio Lower Upper

94 100

65 31.5 29.8 44.6

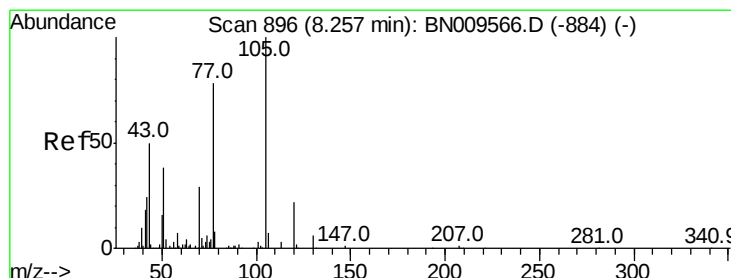
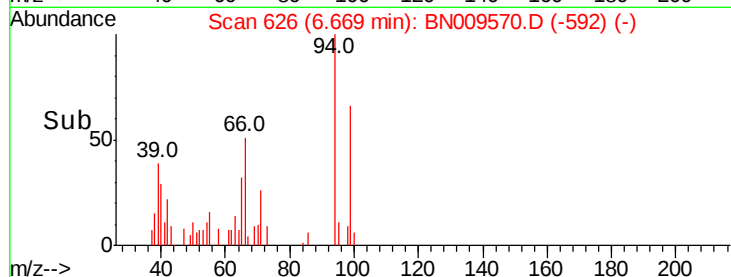
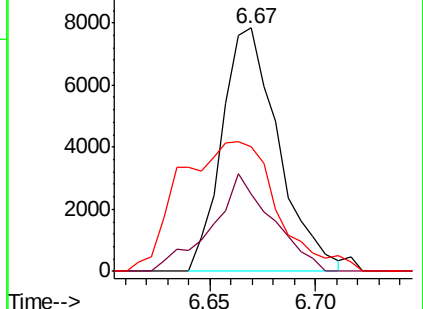
66 51.3 39.5 59.3



Abundance Ion 94.00 (93.70 to 94.70): BN009566.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BN009566.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN009566.D (-619) (-)



#14

Acetophenone

Concen: 1.449 ng/ul

RT: 8.26 min Scan# 897

Delta R.T. 0.01 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

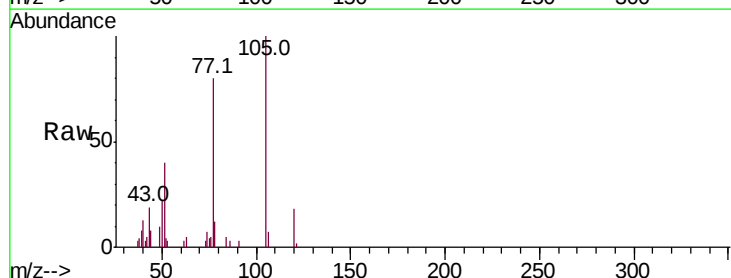
Tgt Ion: 105 Resp: 22910

Ion Ratio Lower Upper

105 100

77 80.1 67.7 101.5

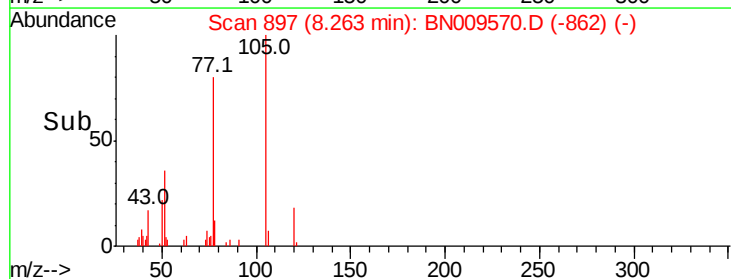
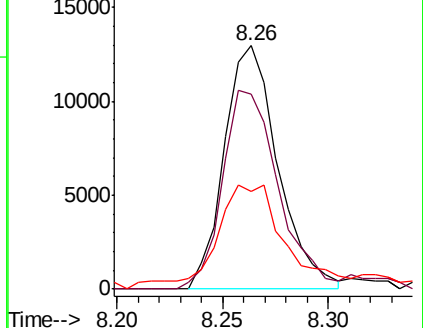
51 40.4 34.3 51.5

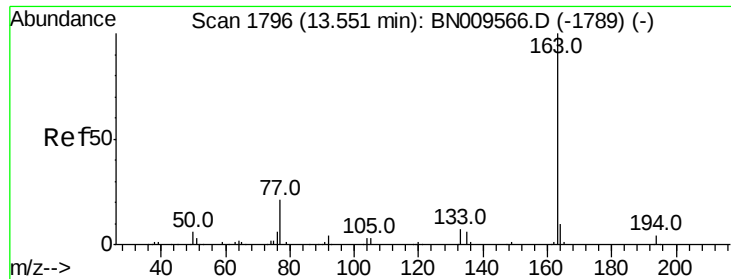


Abundance Ion 105.00 (104.70 to 105.70): BN009566.D (-884) (-)

Ion 77.00 (76.70 to 77.70): BN009566.D (-884) (-)

Ion 51.00 (50.70 to 51.70): BN009566.D (-884) (-)

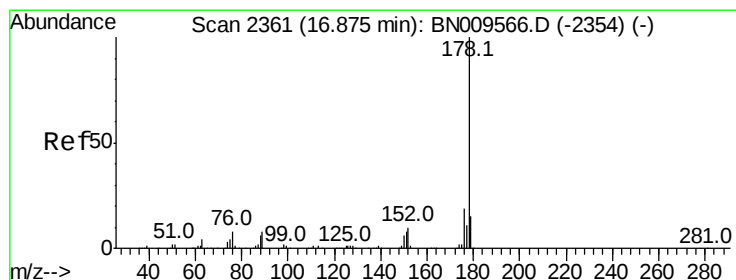
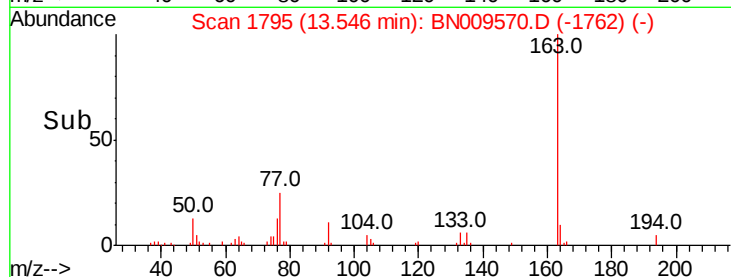
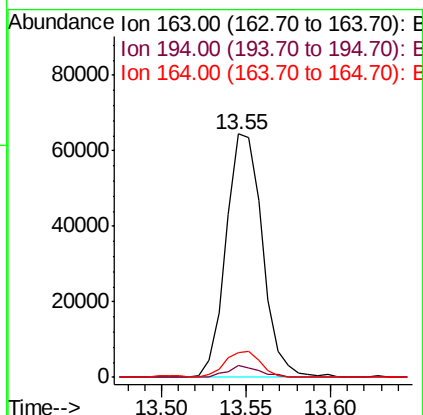
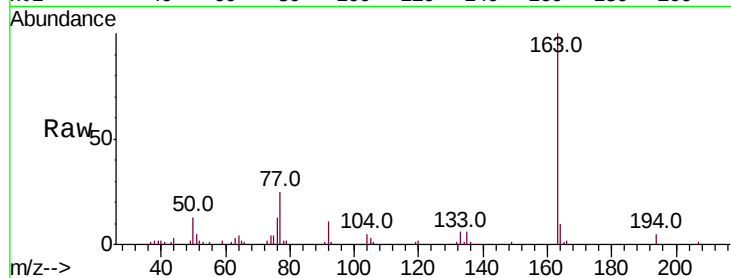




#44
Dimethylphthalate
Concen: 3.424 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

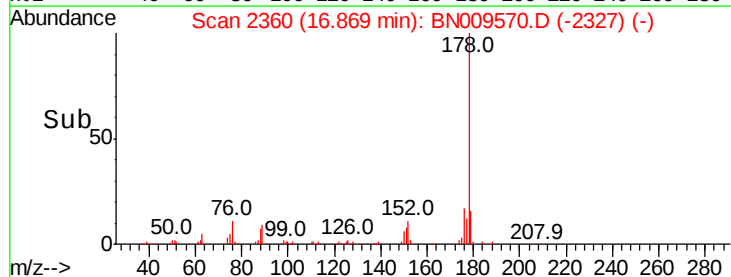
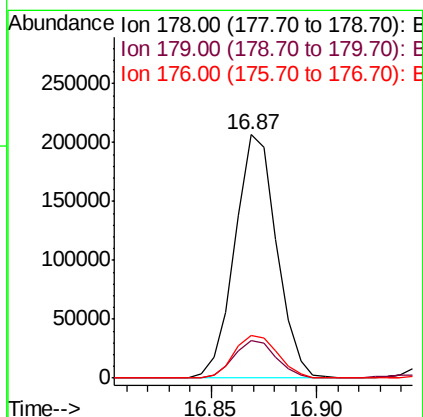
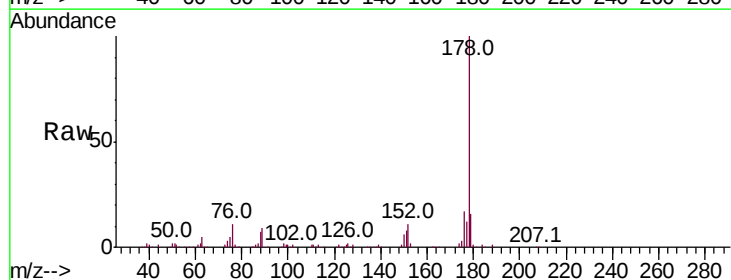
Instrument :
BNA_N
ClientSampleId :
C5AM0

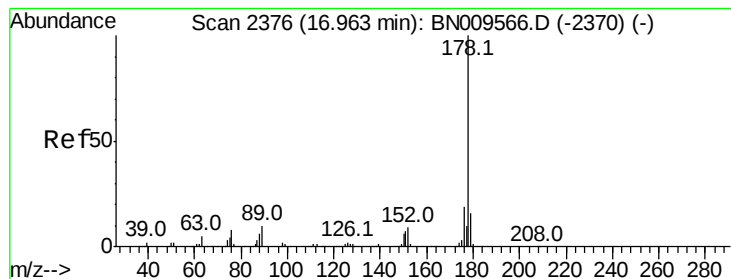
Tot Ion:163 Resp: 96722
Ion Ratio Lower Upper
163 100
194 5.1 3.5 5.3
164 10.2 8.0 12.0



#69
Phenanthrene
Concen: 6.285 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

Tgt Ion:178 Resp: 283191
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 17.4 14.8 22.2





#71

Anthracene

Concen: 1.674 ng/ul

RT: 16.96 min Scan# 2376

Delta R.T. -0.01 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

Instrument :

BNA_N

ClientSampleId :

C5AM0

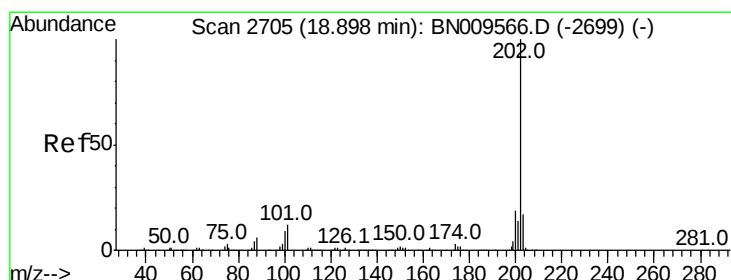
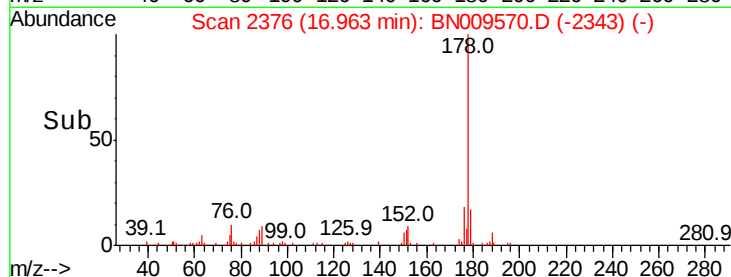
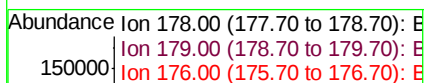
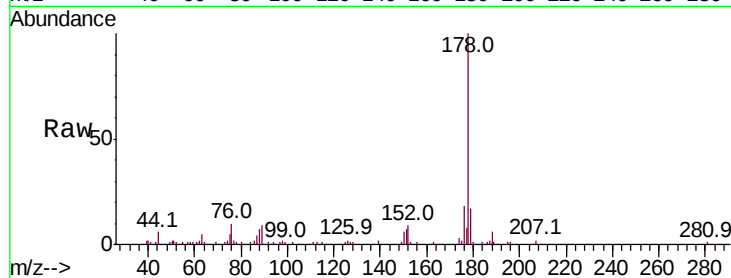
Tot Ion:178 Resp: 76532

Ion Ratio Lower Upper

178 100

179 16.7 12.1 18.1

176 17.9 14.6 21.8



#76

Fluoranthene

Concen: 13.425 ng/ul

RT: 18.90 min Scan# 2705

Delta R.T. -0.01 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

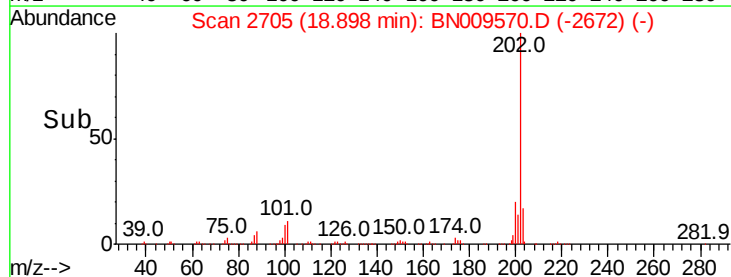
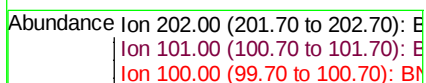
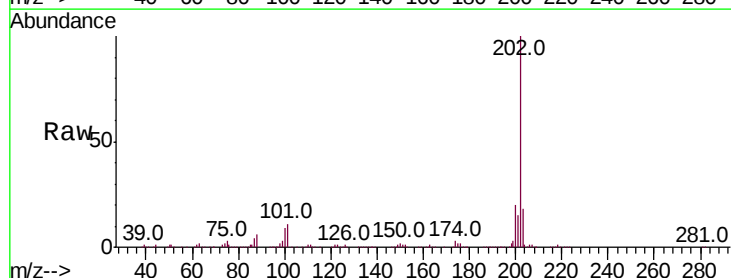
Tgt Ion:202 Resp: 690381

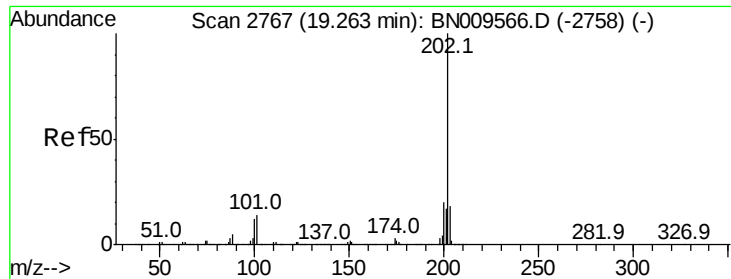
Ion Ratio Lower Upper

202 100

101 11.1 9.2 13.8

100 8.8 6.9 10.3





#79

Pvrene

Concen: 11.484 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.01 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

Instrument :

BNA_N

ClientSampleId :

C5AM0

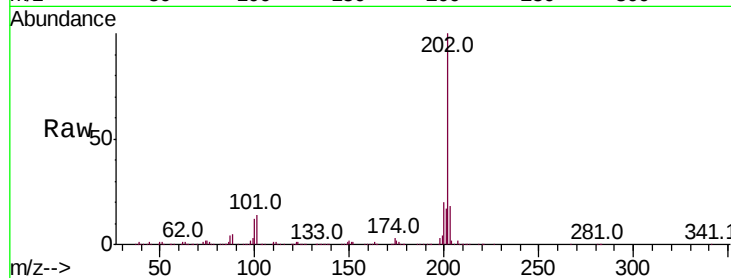
Tot Ion:202 Resp: 644135

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
100	12.4	8.4	12.6

202 100

101 13.9 10.3 15.5

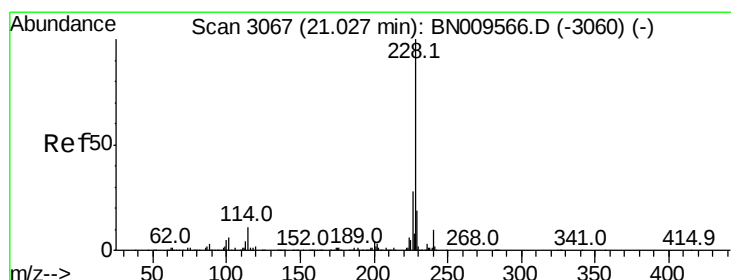
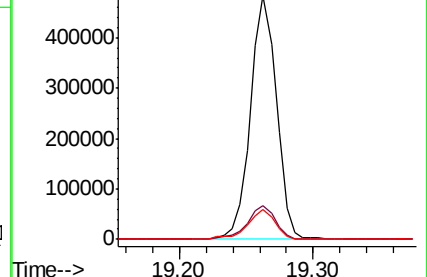
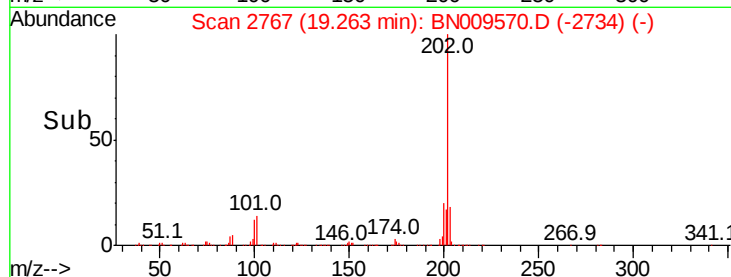
100 12.4 8.4 12.6



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: 6.900 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. 0.00 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

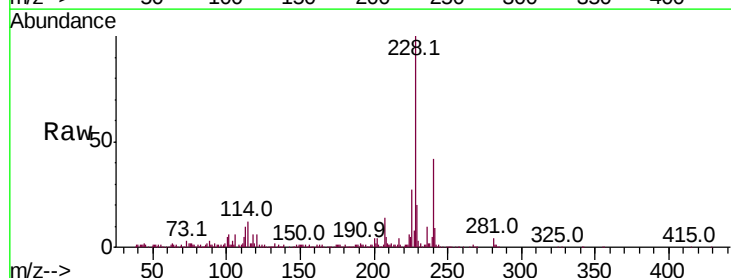
Tgt Ion:228 Resp: 366042

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.0	22.4
226	26.8	20.9	31.3

228 100

229 20.2 15.0 22.4

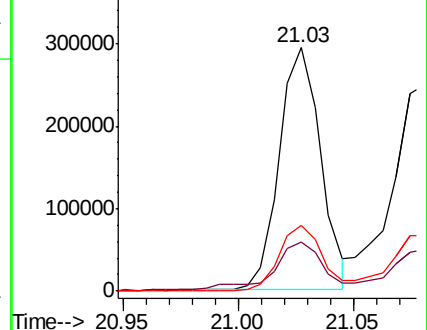
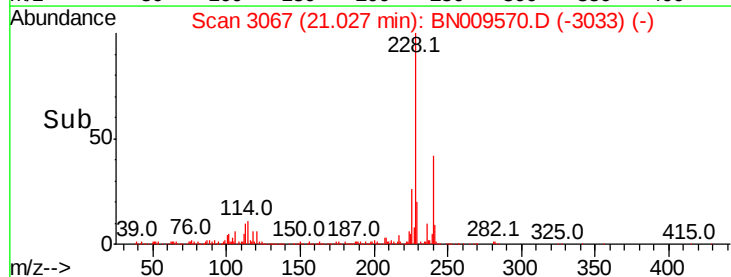
226 26.8 20.9 31.3

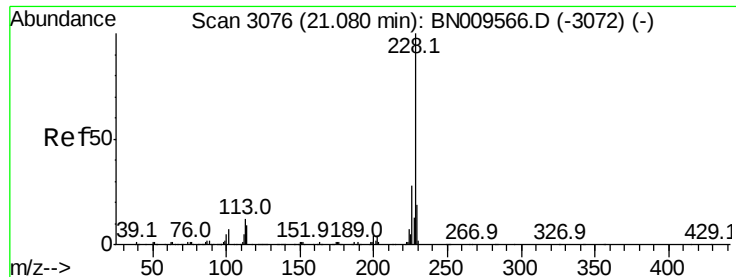


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 6.524 ng/ul

RT: 21.08 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

Instrument :

BNA_N

ClientSampleId :

C5AM0

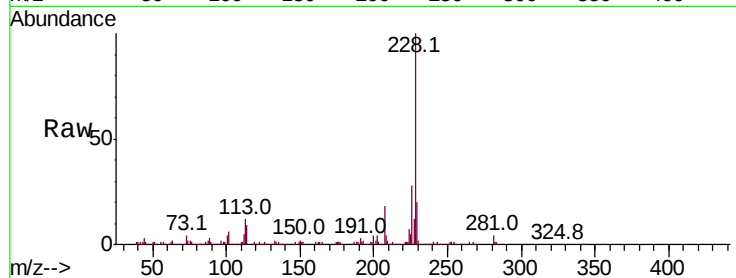
Tot Ion:228 Resp: 344584

Ion Ratio Lower Upper

228 100

226 27.6 23.5 35.3

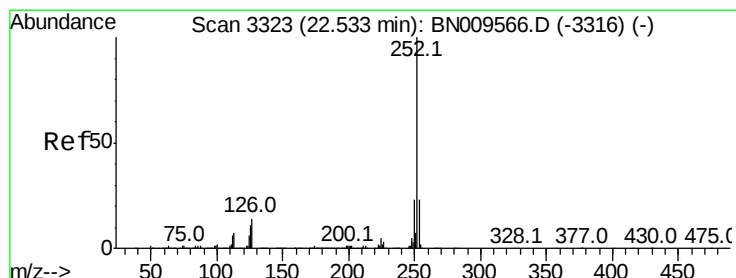
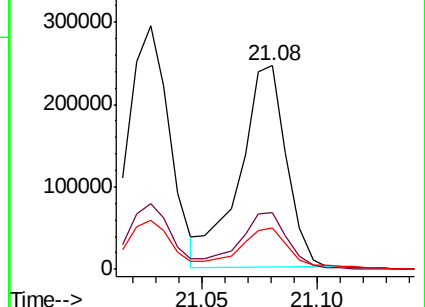
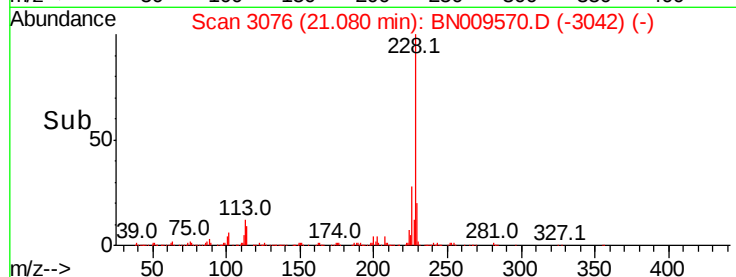
229 20.1 15.8 23.8



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: 8.249 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

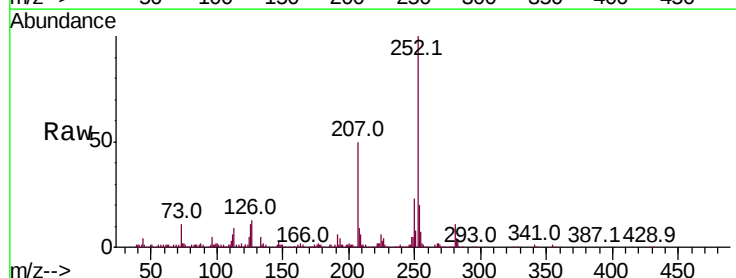
Tgt Ion:252 Resp: 429467

Ion Ratio Lower Upper

252 100

253 20.4 17.0 25.6

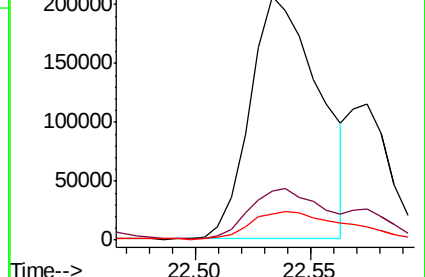
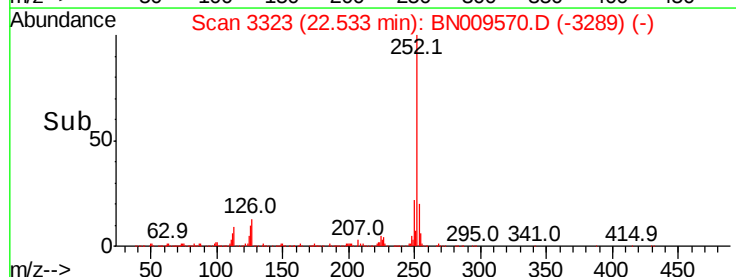
125 10.9 8.2 12.2

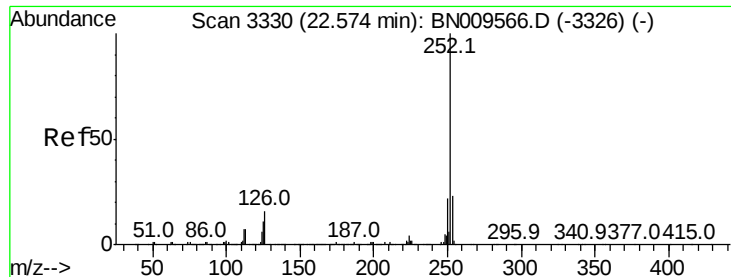


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 2.689 ng/ul

RT: 22.57 min Scan# 3330

Delta R.T. 0.00 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

Instrument :

BNA_N

ClientSampled :

C5AM0

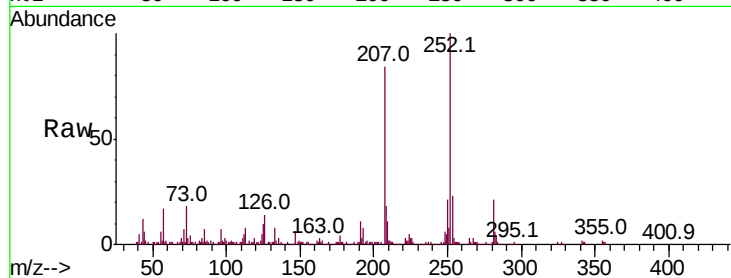
Tot Ion:252 Resp: 137880

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

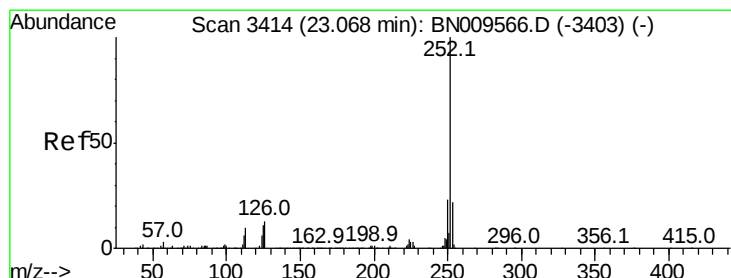
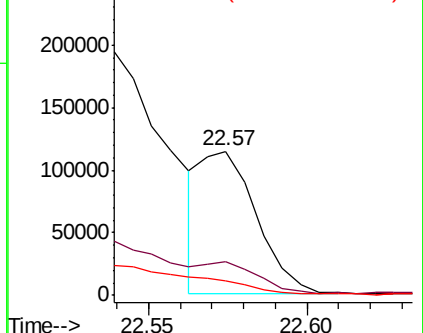
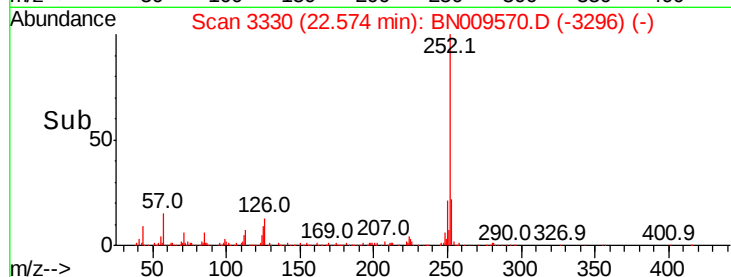
125 10.0 8.0 12.0



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



#90

Benzo(a)pyrene

Concen: 6.353 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009570.D

Acq: 04 Feb 2020 18:39

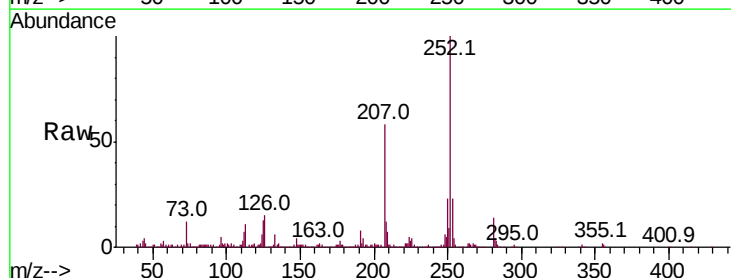
Tgt Ion:252 Resp: 306479

Ion Ratio Lower Upper

252 100

253 23.2 15.8 23.8

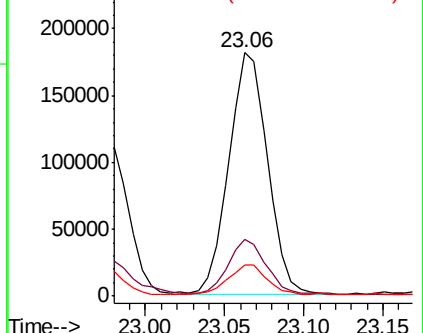
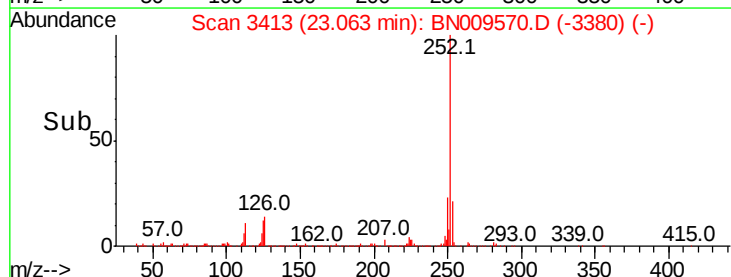
125 12.9 8.7 13.1

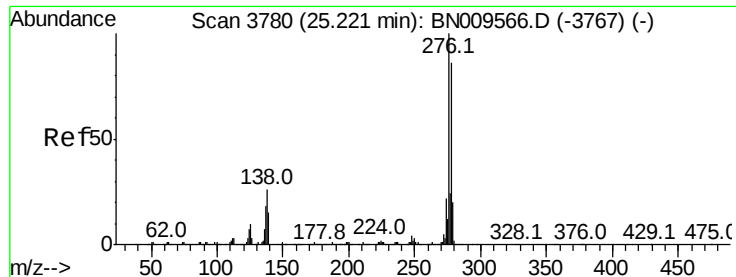


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



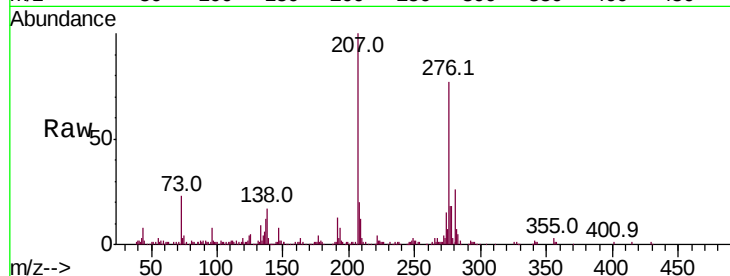


#91

Indeno(1,2,3-cd)pyrene
Concen: 3.289 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

Instrument :
BNA_N
ClientSampled :
C5AM0

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.2	21.2	31.8

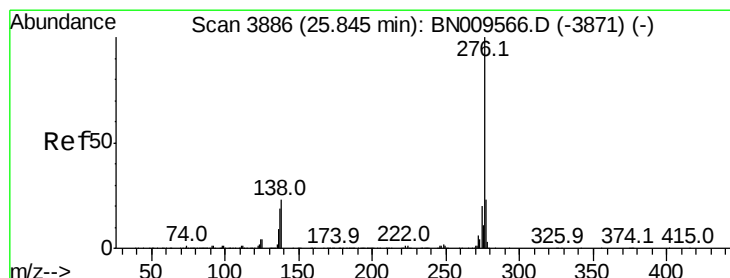
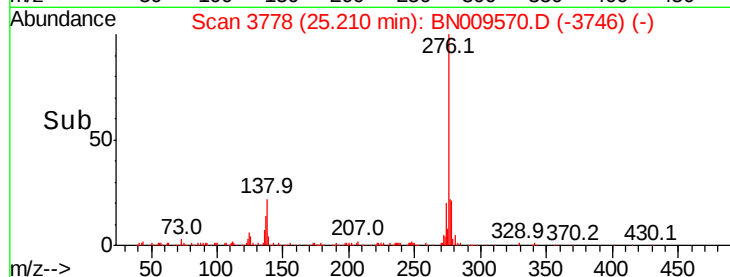
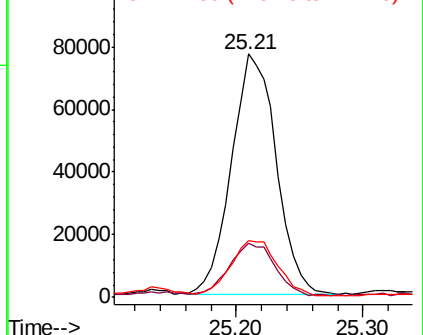


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

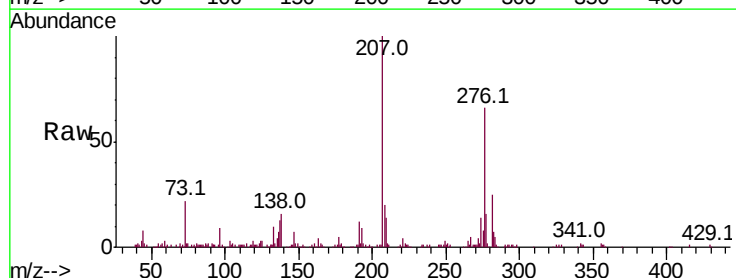
Ion 277.00 (276.70 to 277.70): E



#93

Benzo(g,h,i)perylene
Concen: 3.703 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.5	16.0	24.0
277	24.0	17.0	25.6



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

