

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 :

Quant Time: Feb 05 00:25:57 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

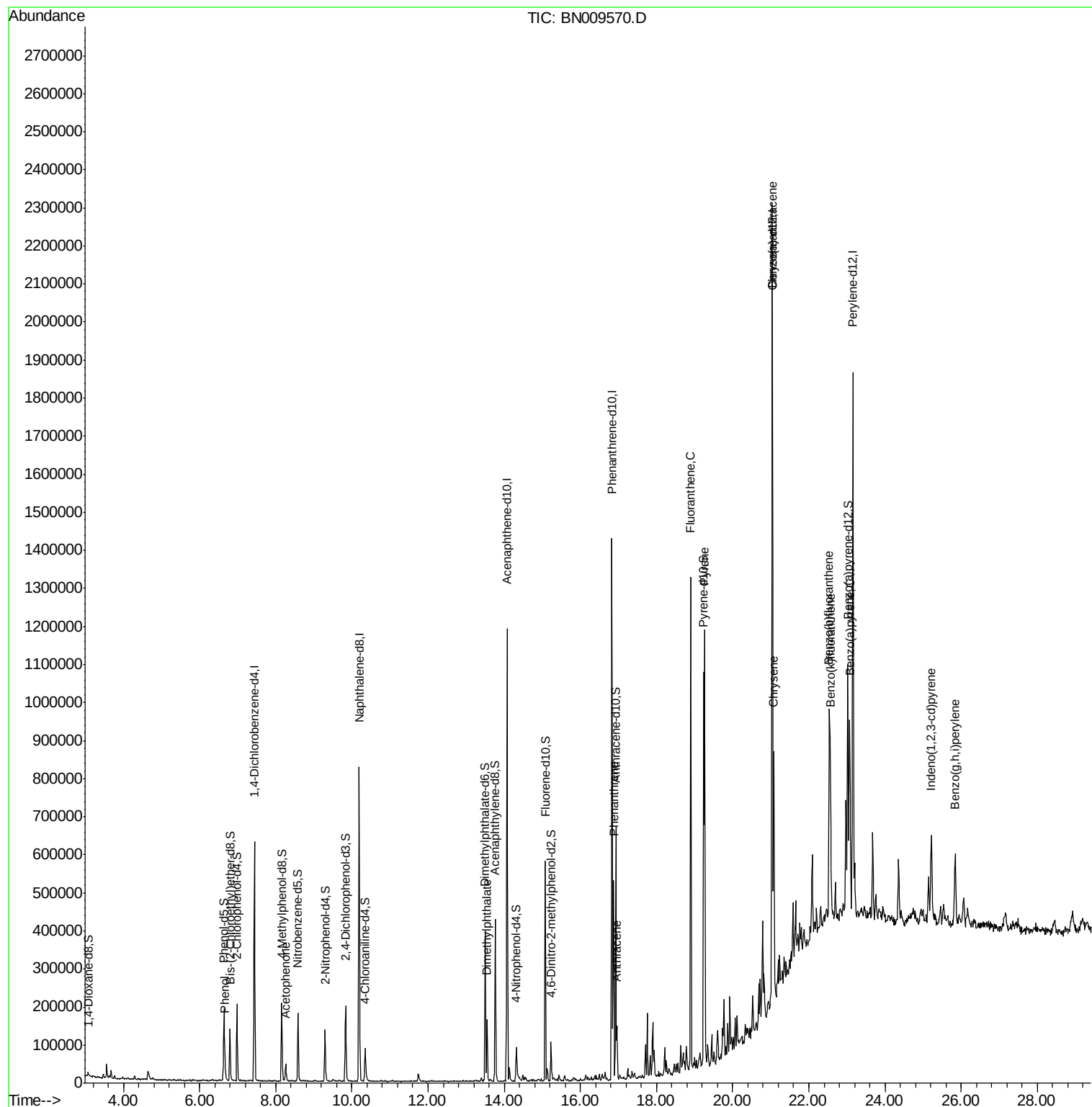
					Ovalue
6) Phenol	6.67	94	14527	1.095	ng/ul 94
14) Acetophenone	8.26	105	22910	1.449	ng/ul 95
44) Dimethylphthalate	13.55	163	96722	3.424	ng/ul 99
69) Phenanthrene	16.87	178	283191	6.285	ng/ul 98
71) Anthracene	16.96	178	76532	1.674	ng/ul 98
76) Fluoranthene	18.90	202	690381	13.425	ng/ul 99
79) Pyrene	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

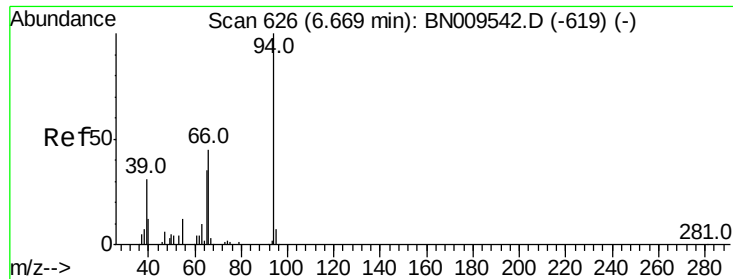
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

ClientSampleId :

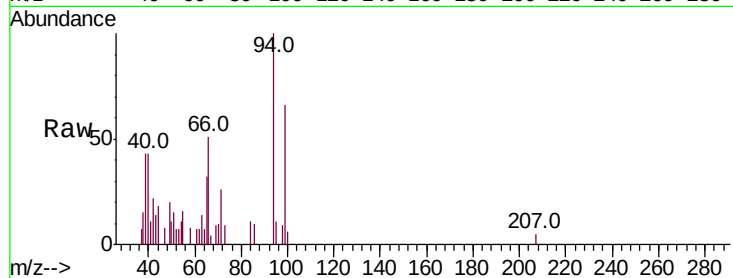
Tot Ion: 94 Resp: 14527

Ion Ratio Lower Upper

94 100

65 31.5 29.8 44.6

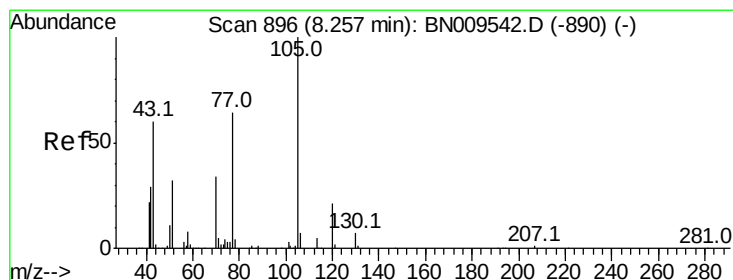
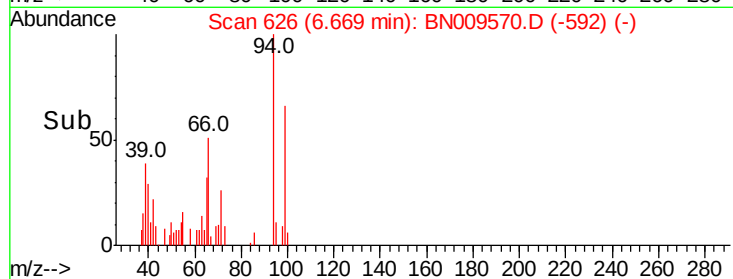
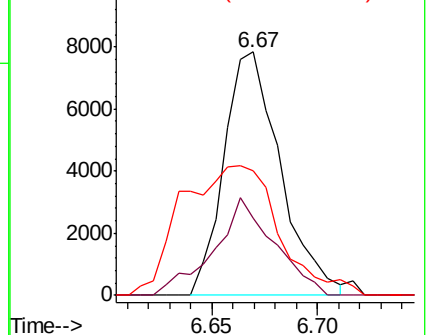
66 51.3 39.5 59.3



Abundance Ion 94.00 (93.70 to 94.70): BN009542.D (-619) (-)

Ion 65.00 (64.70 to 65.70): BN009542.D (-619) (-)

Ion 66.00 (65.70 to 66.70): BN009542.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

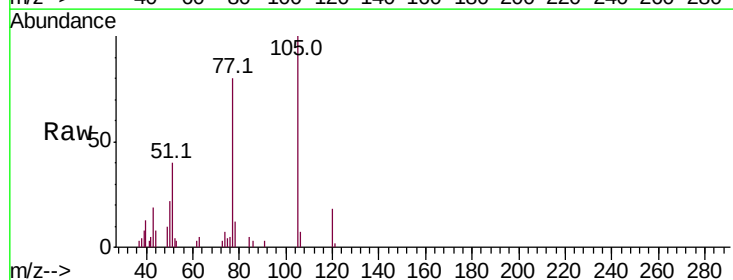
Tgt Ion: 105 Resp: 22910

Ion Ratio Lower Upper

105 100

77 80.1 67.7 101.5

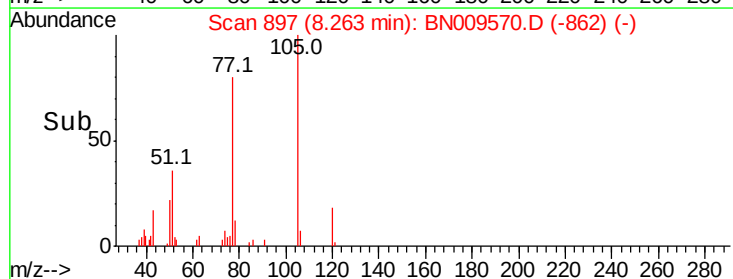
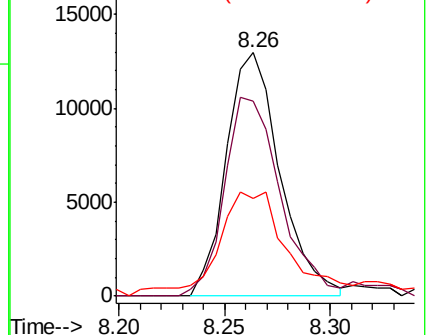
51 40.4 34.3 51.5

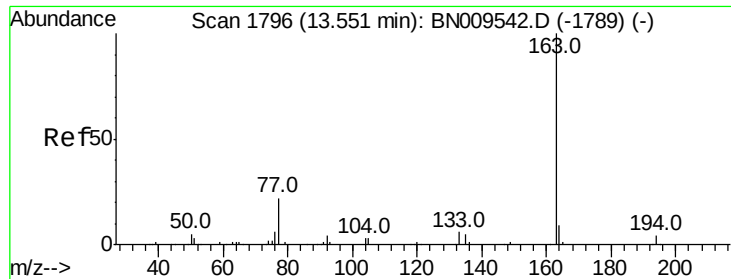


Abundance Ion 105.00 (104.70 to 105.70): BN009542.D (-890) (-)

Ion 77.00 (76.70 to 77.70): BN009542.D (-890) (-)

Ion 51.00 (50.70 to 51.70): BN009542.D (-890) (-)

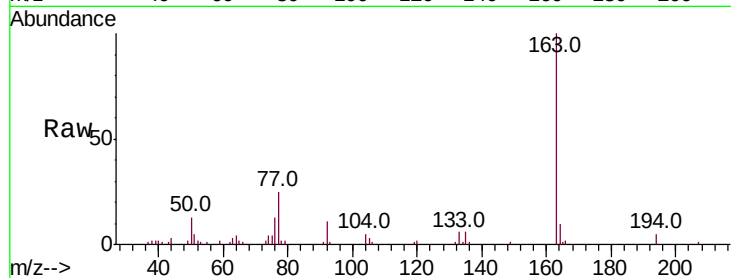




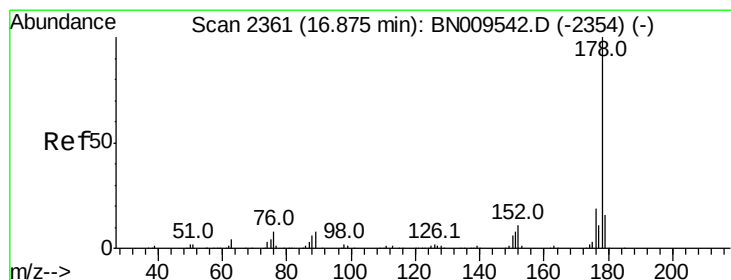
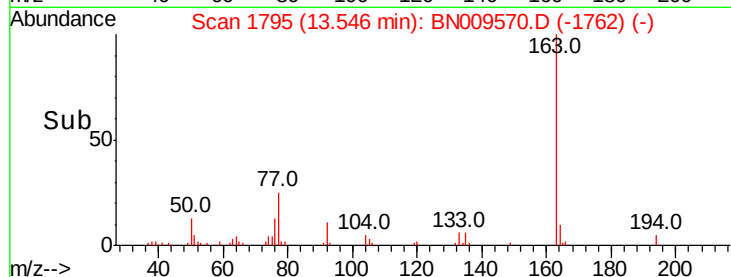
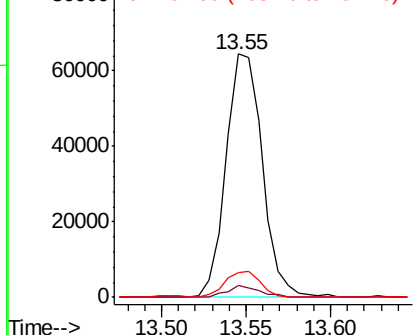
#44
Dimethylphthalate
Concen: 3.424 ng/ul
RT: 13.55 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

Instrument :
BNA_N
ClientSampleId :

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

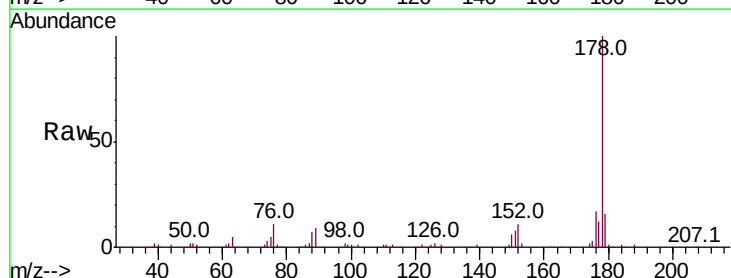


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

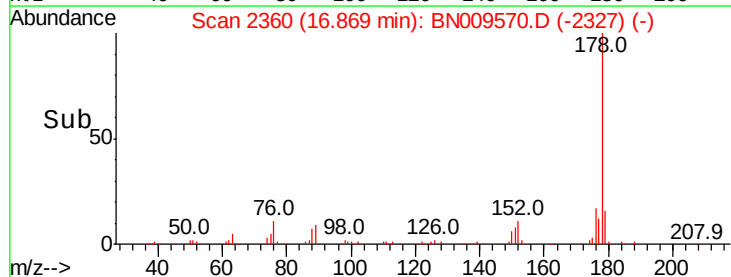
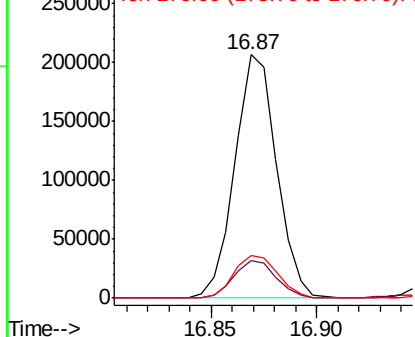


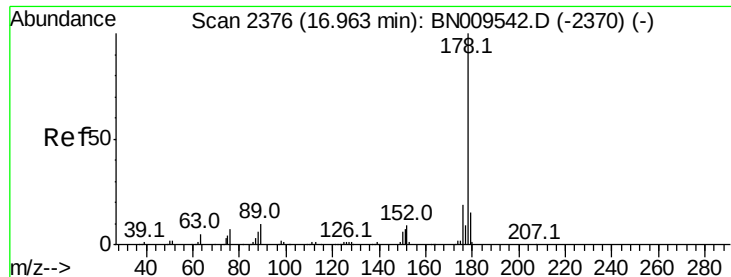
#69
Phenanthrene
Concen: 6.285 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009570.D
Acq: 04 Feb 2020 18:39

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



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

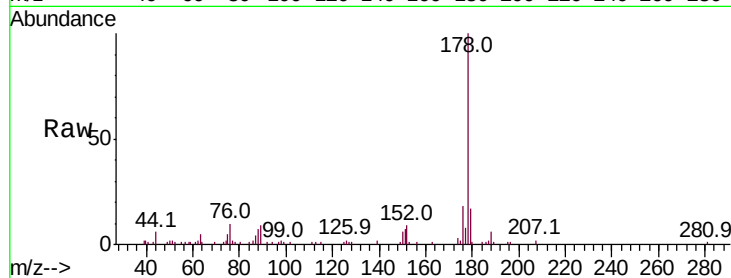




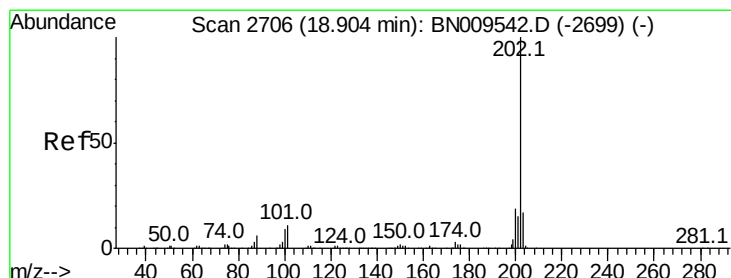
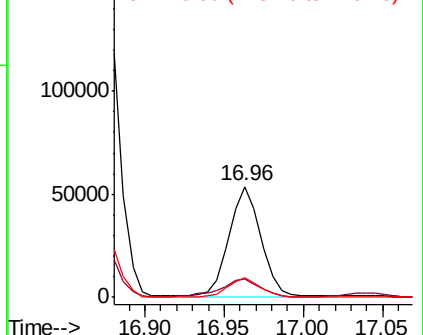
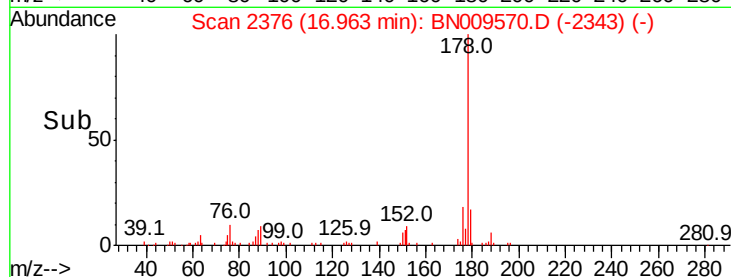
#71
 Anthracene
 Concen: 1.674 ng/ul
 RT: 16.96 min Scan# 2376
 Delta R.T. -0.01 min
 Lab File: BN009570.D
 Acq: 04 Feb 2020 18:39

Instrument :
 BNA_N
 ClientSampleId :

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

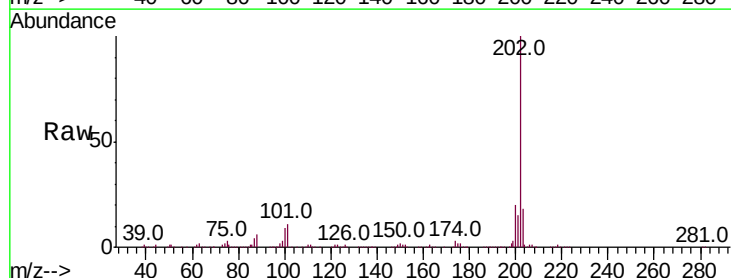


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

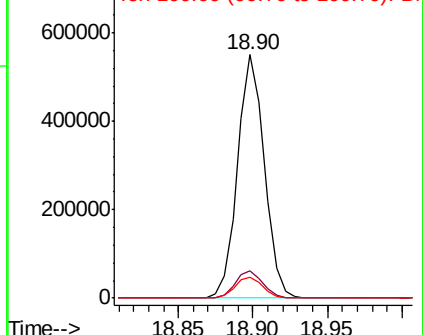
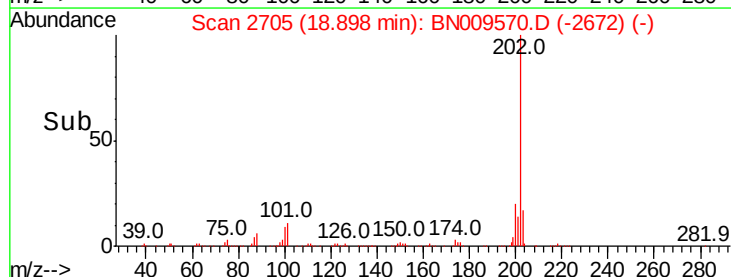


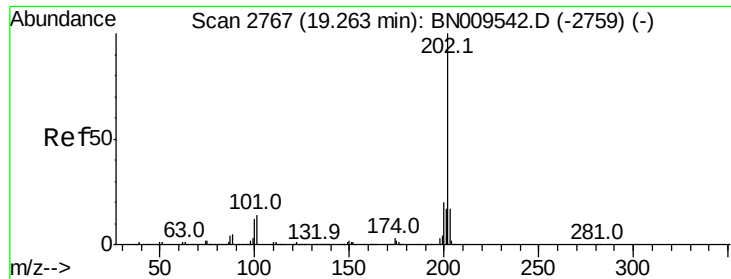
#76
 Fluoranthene
 Concen: 13.425 ng/ul
 RT: 18.90 min Scan# 2705
 Delta R.T. -0.01 min
 Lab File: BN009570.D
 Acq: 04 Feb 2020 18:39

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



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

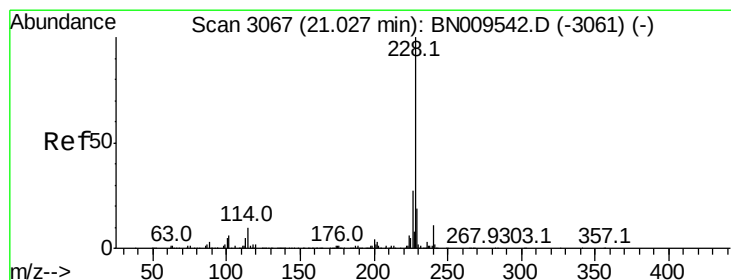
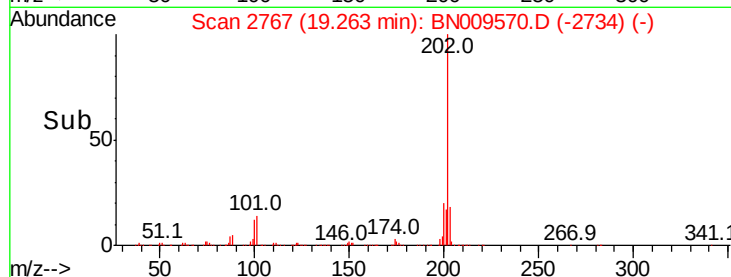
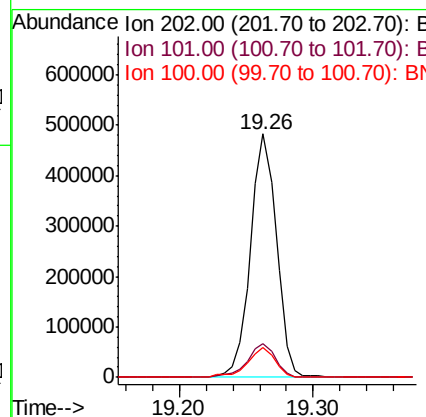
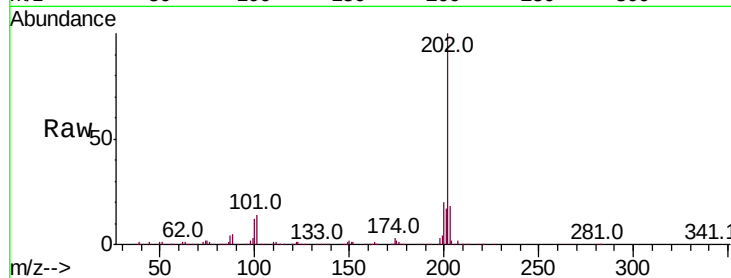




#79
 Pvrene
 Concen: 11.484 ng/ul
 RT: 19.26 min Scan# 2767
 Delta R.T. -0.01 min
 Lab File: BN009570.D
 Acq: 04 Feb 2020 18:39

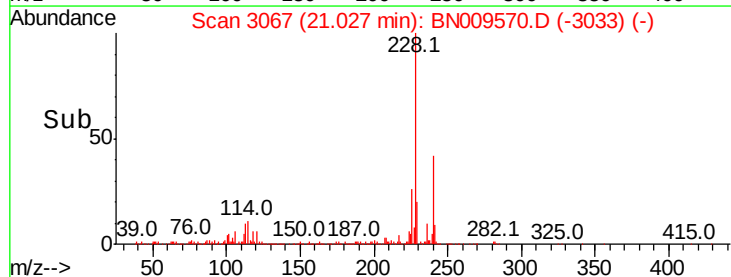
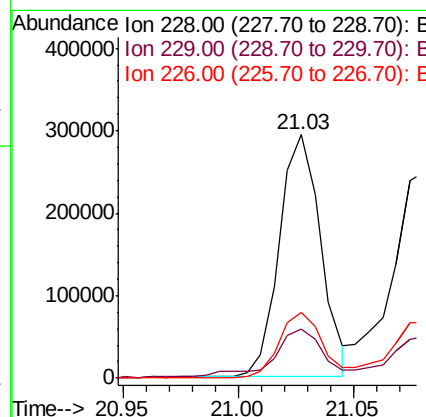
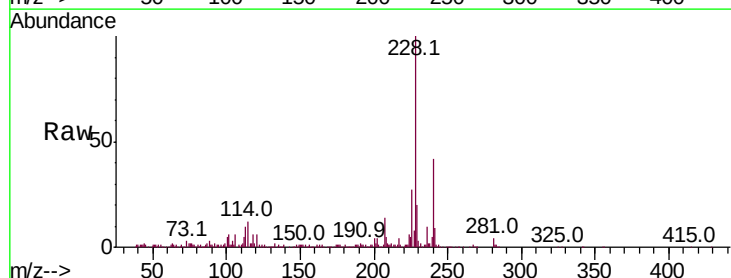
Instrument :
 BNA_N
 ClientSampleId :

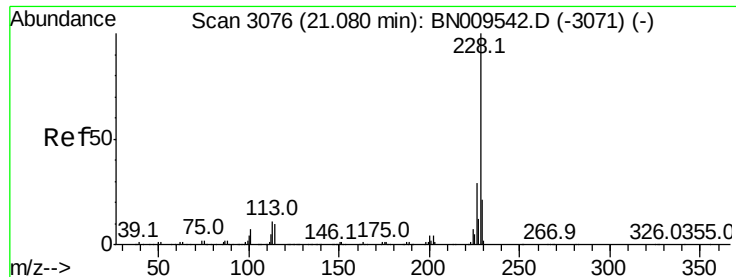
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.3	15.5
100	12.4	8.4	12.6



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





#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 :

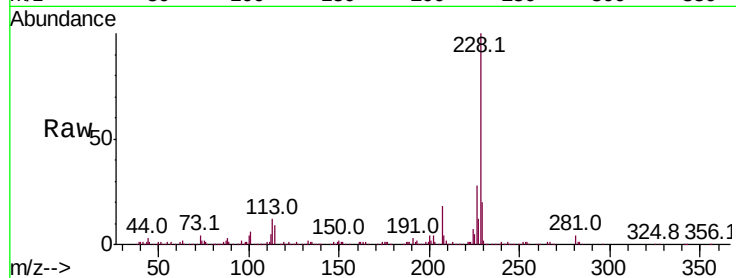
Tot Ion:228 Resp: 344584

Ion Ratio Lower Upper

228 100

226 27.6 23.5 35.3

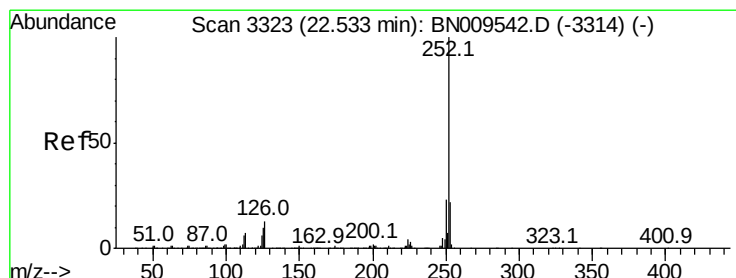
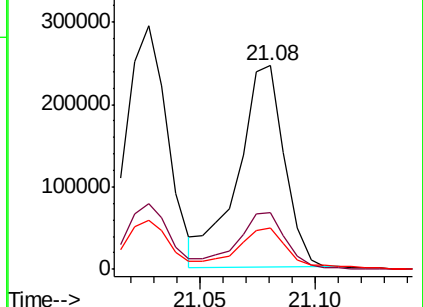
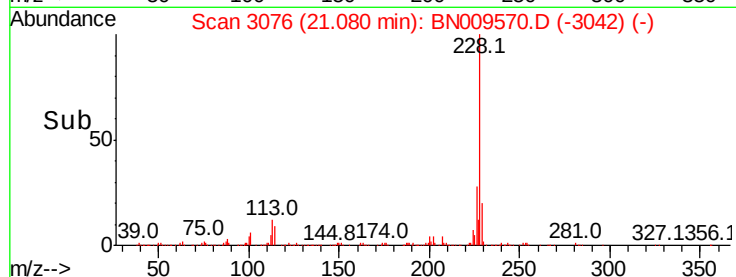
229 20.1 15.8 23.8



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

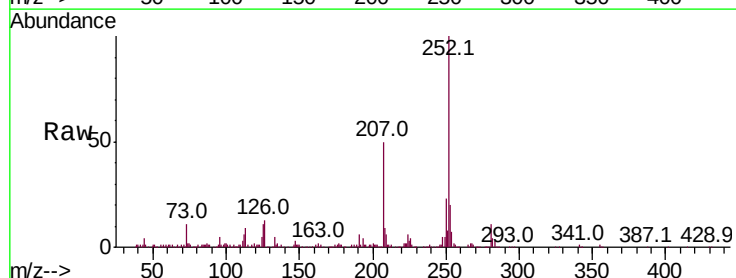
Tgt Ion:252 Resp: 429467

Ion Ratio Lower Upper

252 100

253 20.4 17.0 25.6

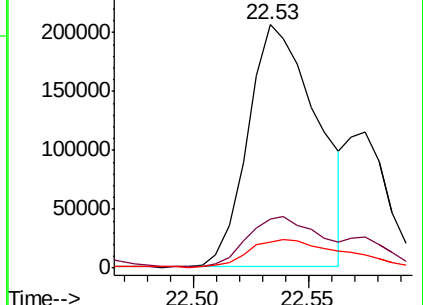
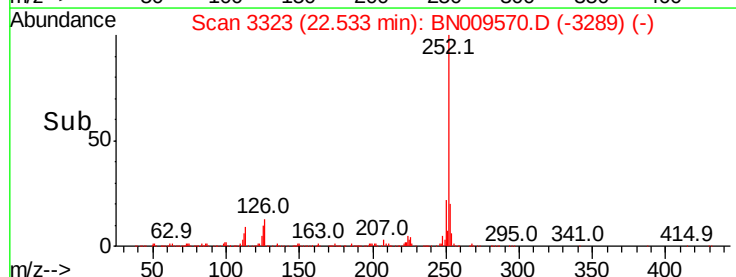
125 10.9 8.2 12.2

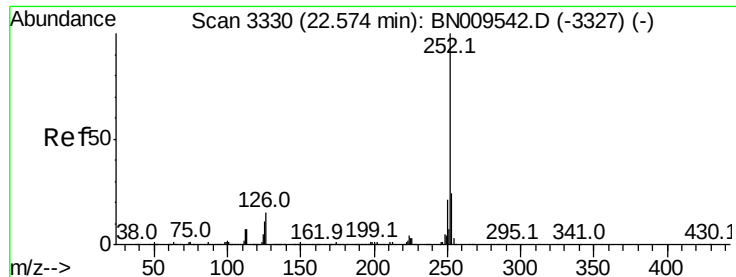


Abundance Ion 252.00 (251.70 to 252.70): E

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 :

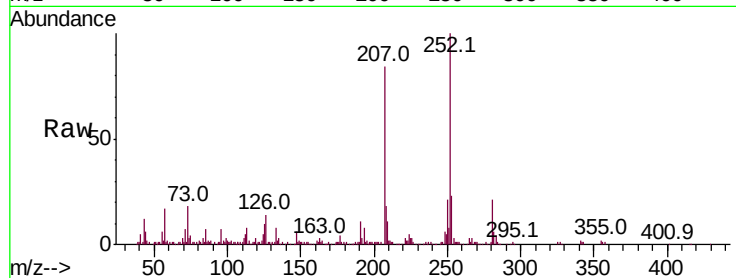
Tot Ion:252 Resp: 137880

Ion Ratio Lower Upper

252 100

253 23.1 17.0 25.4

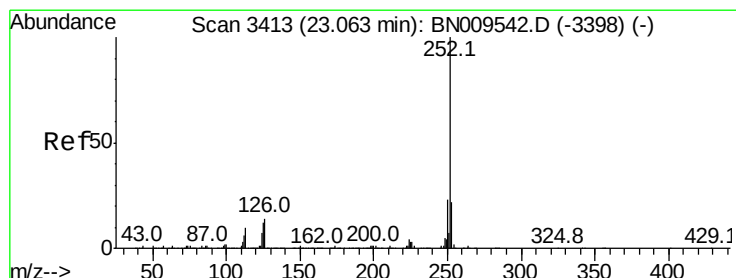
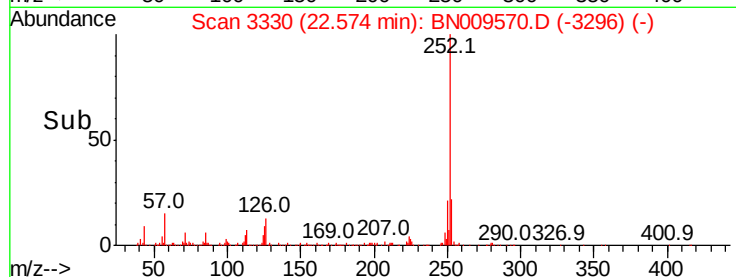
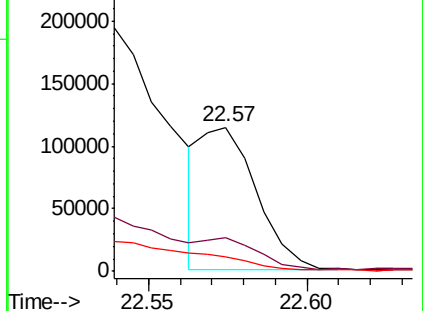
125 10.0 8.0 12.0



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

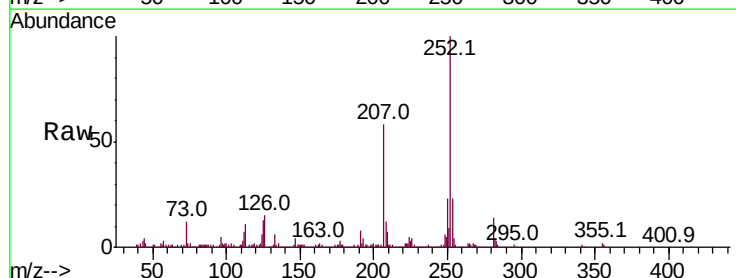
Tgt Ion:252 Resp: 306479

Ion Ratio Lower Upper

252 100

253 23.2 15.8 23.8

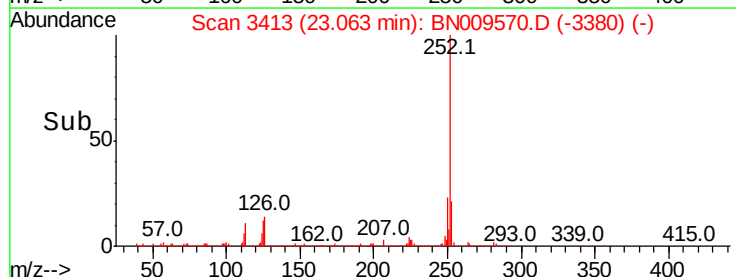
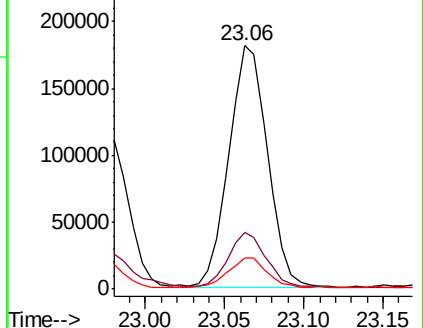
125 12.9 8.7 13.1

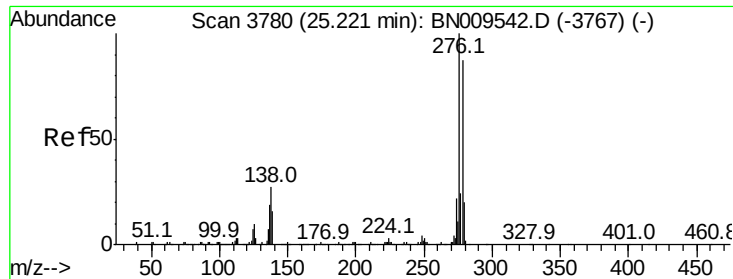


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

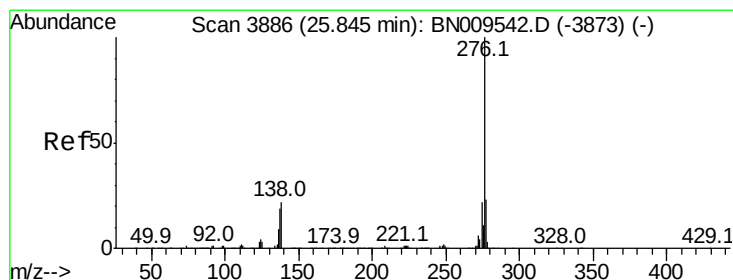
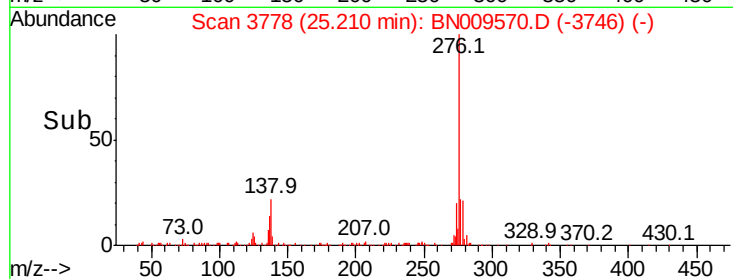
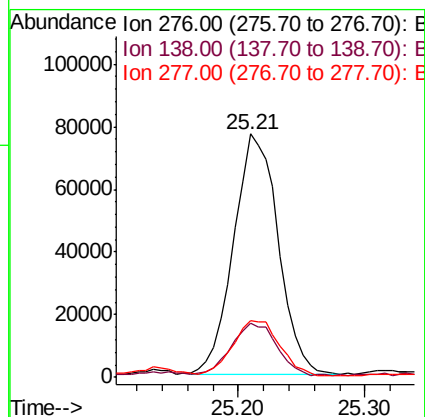
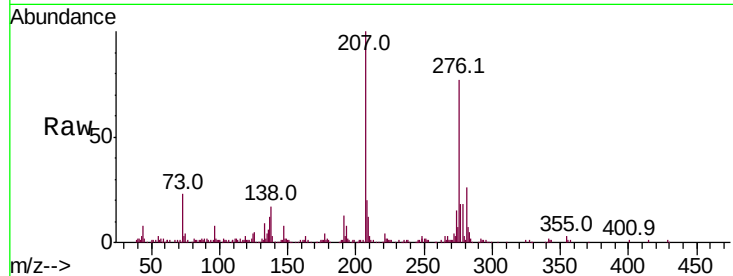




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 3.289 ng/ul
 RT: 25.21 min Scan# 3778
 Delta R.T. -0.01 min
 Lab File: BN009570.D
 Acq: 04 Feb 2020 18:39

Instrument :
 BNA_N
 ClientSampleId :

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



#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

