

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020320\
 Data File : BN009602.D
 Acq On : 05 Feb 2020 15:30
 Operator : CG/JU
 Sample : L1302-19
 Misc :
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C5AS4

Quant Time: Feb 05 16:10:37 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	7.43	152	148334	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	622227	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	387332	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	798600	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	738026	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	768887	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11953	3.31	ng/uL	0.00
5) Phenol-d5	6.63	99	233264	18.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	151470	17.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	176840	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	174026	16.89	ng/ul	-0.01
19) Nitrobenzene-d5	8.58	128	83353	18.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	96496	18.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	177264	18.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	205887	19.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	540603	19.12	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	655537	19.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	75906	14.21	ng/ul	0.00
57) Fluorene-d10	15.07	176	465700	18.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	69521	13.94	ng/ul	0.00
70) Anthracene-d10	16.93	188	718393	19.80	ng/ul	0.00
78) Pyrene-d10	19.23	212	809867	20.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	758473	20.03	ng/ul	0.00

Target Compounds

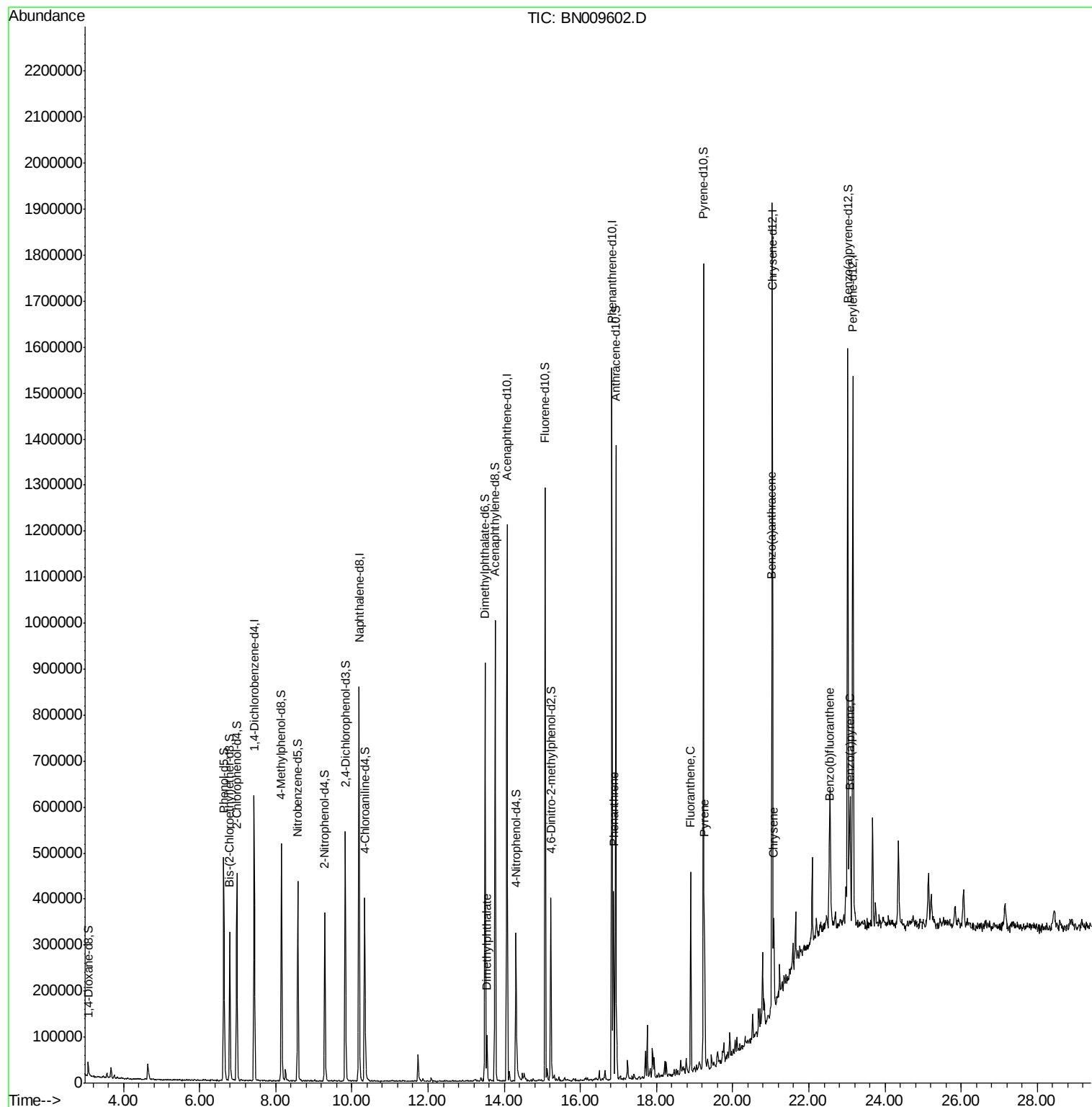
					Ovalue
44) Dimethylphthalate	13.55	163	56943	1.898	ng/ul 98
69) Phenanthrene	16.87	178	222054	4.876	ng/ul 100
76) Fluoranthene	18.90	202	246510	4.742	ng/ul 99
79) Pyrene	19.26	202	227524	4.223	ng/ul 99
82) Benzo(a)anthracene	21.02	228	112221	2.202	ng/ul 97
84) Chrysene	21.07	228	113104	2.230	ng/ul 97
87) Benzo(b)fluoranthene	22.53	252	123944	2.576	ng/ul# 93
90) Benzo(a)pyrene	23.06	252	83404	1.871	ng/ul# 94

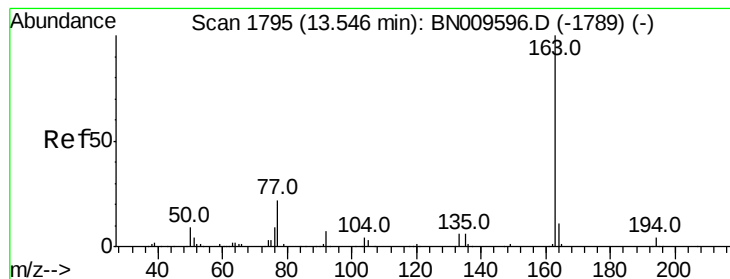
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 1.898 ng/ul

RT: 13.55 min Scan# 1795

Delta R.T. -0.01 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

Instrument :

BNA_N

ClientSampled :

C5AS4

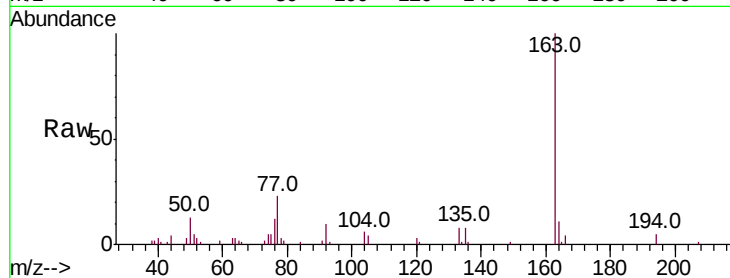
Tot Ion:163 Resp: 56943

Ion Ratio Lower Upper

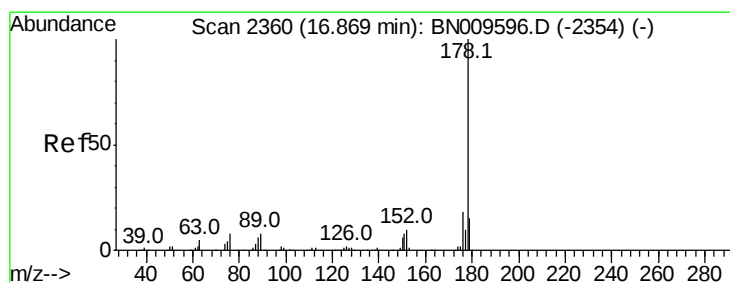
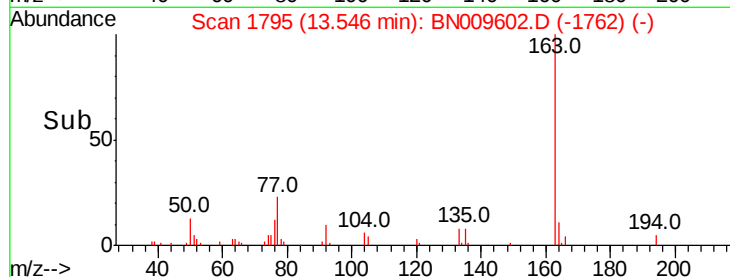
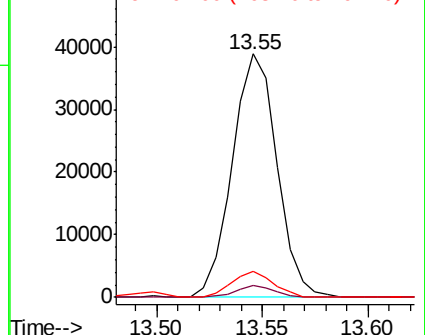
163 100

194 4.7 3.5 5.3

164 10.9 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: 4.876 ng/ul

RT: 16.87 min Scan# 2360

Delta R.T. -0.01 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

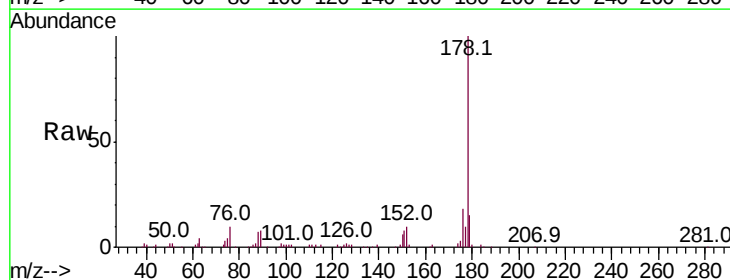
Tgt Ion:178 Resp: 222054

Ion Ratio Lower Upper

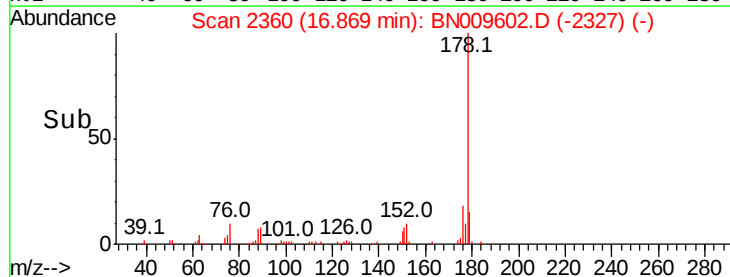
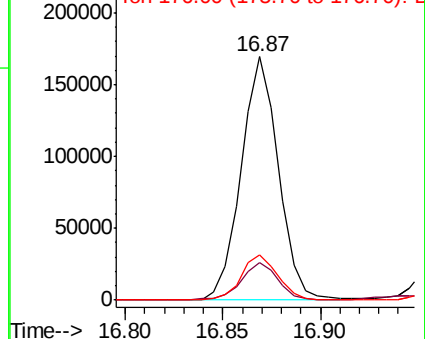
178 100

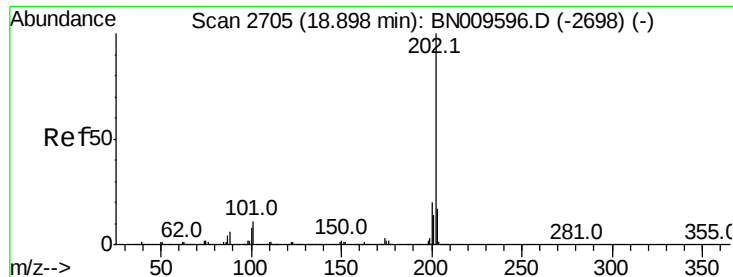
179 15.2 12.2 18.2

176 18.3 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

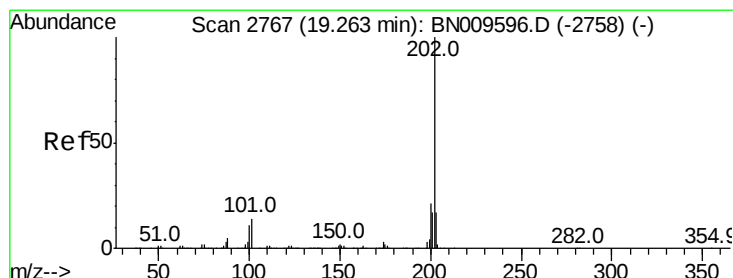
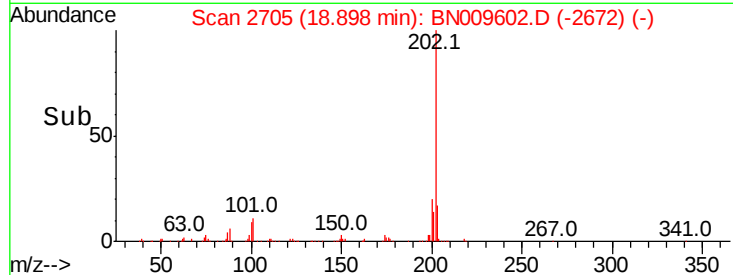
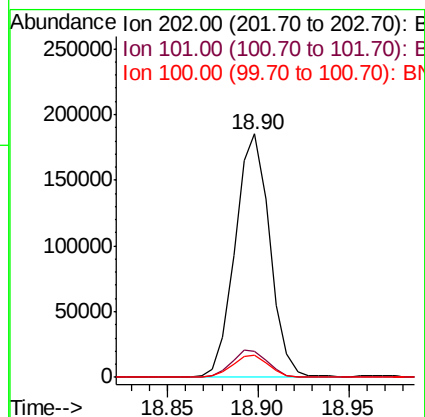
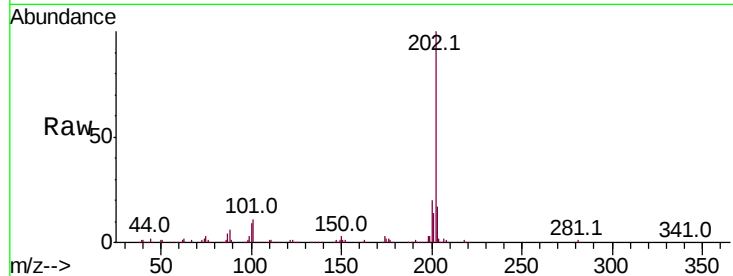




#76
Fluoranthene
Concen: 4.742 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009602.D
Acq: 05 Feb 2020 15:30

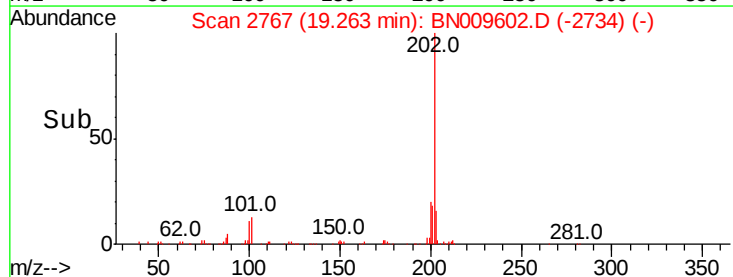
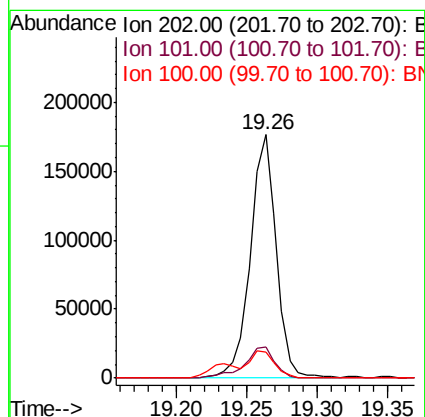
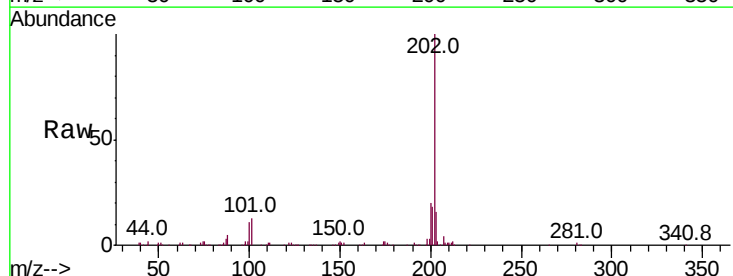
Instrument :
BNA_N
ClientSampleId :
C5AS4

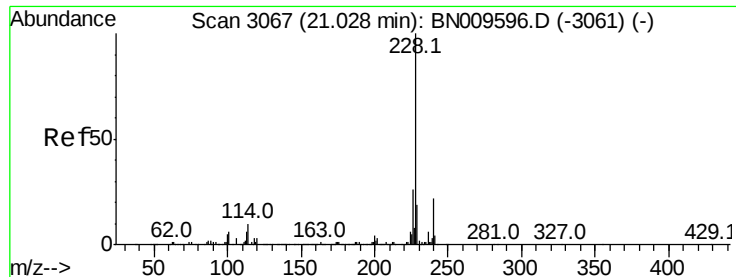
Tot Ion:	202	Resp:	246510
Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.2	13.8
100	8.9	6.9	10.3



#79
Pyrene
Concen: 4.223 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009602.D
Acq: 05 Feb 2020 15:30

Tgt Ion:	202	Resp:	227524
Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.3	15.5
100	10.6	8.4	12.6





#82

Benzo(a)anthracene

Concen: 2.202 ng/ul

RT: 21.02 min Scan# 3066

Delta R.T. -0.01 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

Instrument :

BNA_N

ClientSampleId :

C5AS4

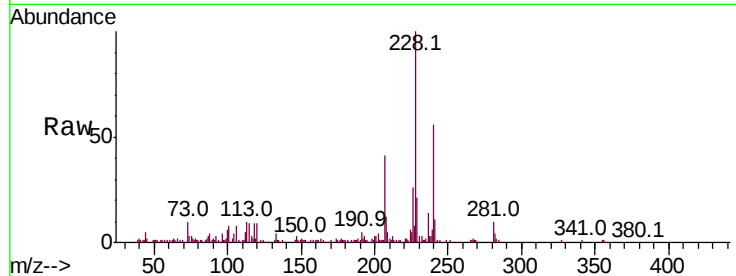
Tot Ion:228 Resp: 112221

Ion Ratio Lower Upper

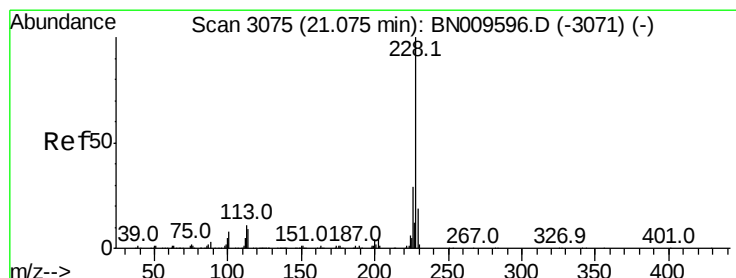
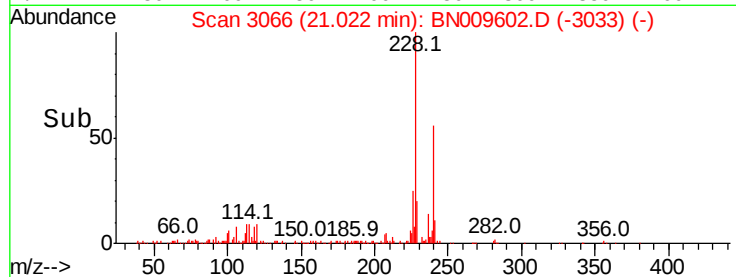
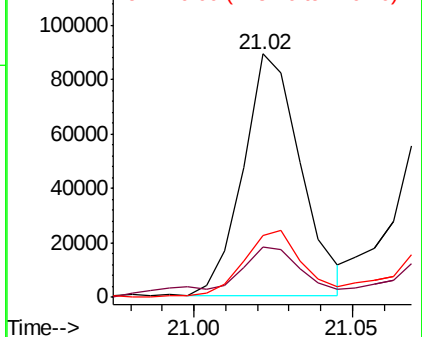
228 100

229 20.9 15.0 22.4

226 25.6 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: 2.230 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

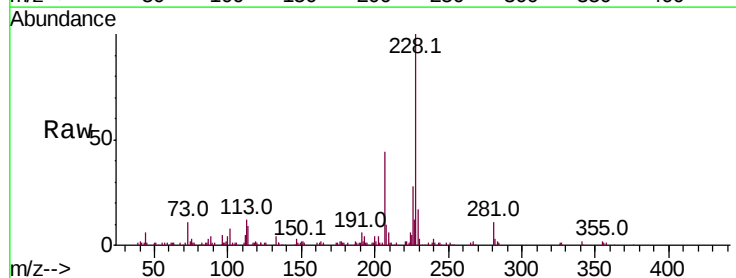
Tgt Ion:228 Resp: 113104

Ion Ratio Lower Upper

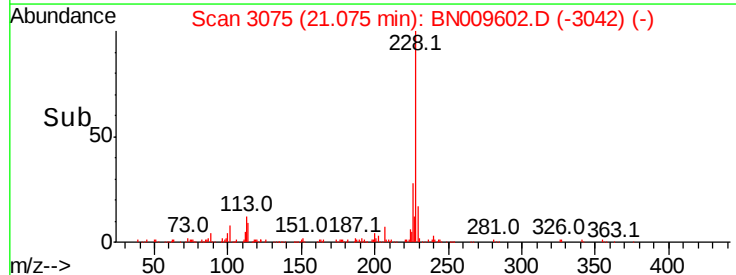
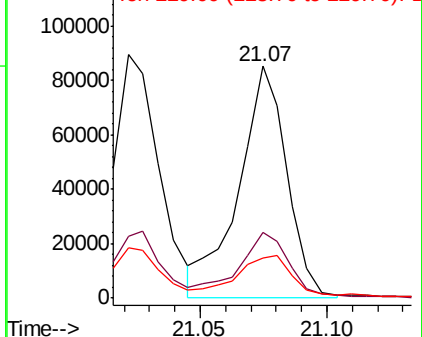
228 100

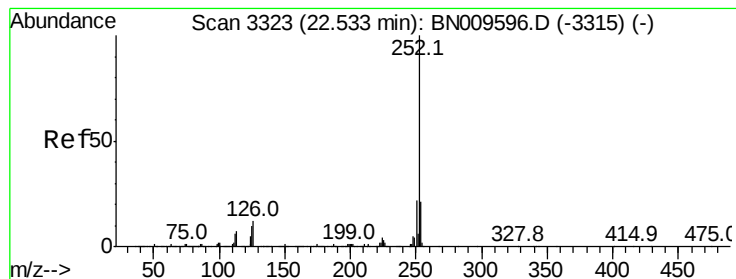
226 28.2 23.5 35.3

229 17.5 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: 2.576 ng/ul

RT: 22.53 min Scan# 3323

Delta R.T. 0.00 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

Instrument :

BNA_N

ClientSampleId :

C5AS4

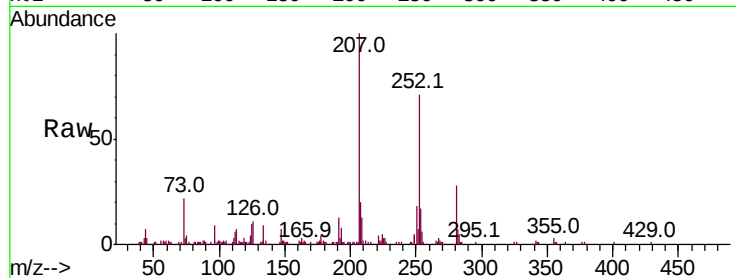
Tot Ion:252 Resp: 123944

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.6

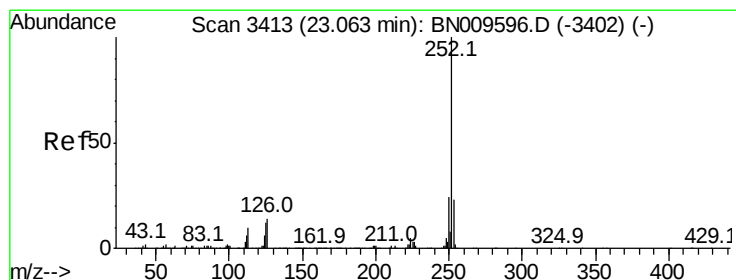
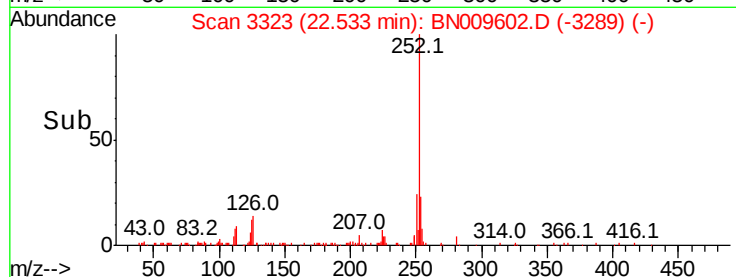
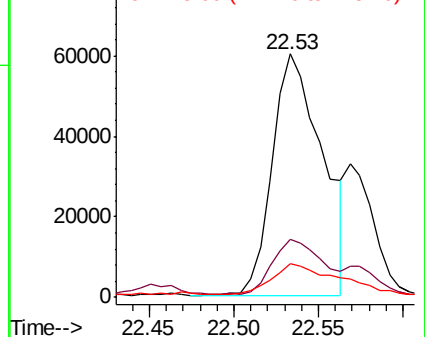
125 13.6 8.2 12.2#



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: 1.871 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009602.D

Acq: 05 Feb 2020 15:30

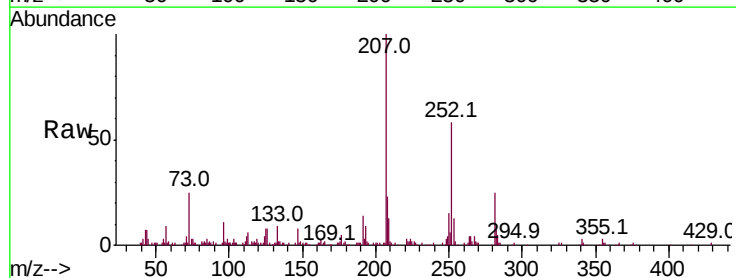
Tgt Ion:252 Resp: 83404

Ion Ratio Lower Upper

252 100

253 22.2 15.8 23.8

125 13.9 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

