

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
 Data File : BN009655.D
 Acq On : 07 Feb 2020 20:26
 Operator : CG/JU
 Sample : L1401-01
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 CB6J4

Quant Time: Feb 07 23:20:31 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 15:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	148093	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	602342	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	367969	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	757496	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	719713	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	723042	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	11065	3.07	ng/uL	0.00
5) Phenol-d5	6.63	99	245041	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	160394	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	187576	19.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	189336	18.41	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	84177	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	95820	19.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	174966	18.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	208439	20.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	523207	19.48	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	649857	20.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	74552	14.69	ng/ul	0.00
57) Fluorene-d10	15.07	176	463185	19.61	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	65022	13.74	ng/ul	0.00
70) Anthracene-d10	16.92	188	677693	19.69	ng/ul	0.00
78) Pyrene-d10	19.23	212	775661	20.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	732687	20.58	ng/ul	0.00

Target Compounds

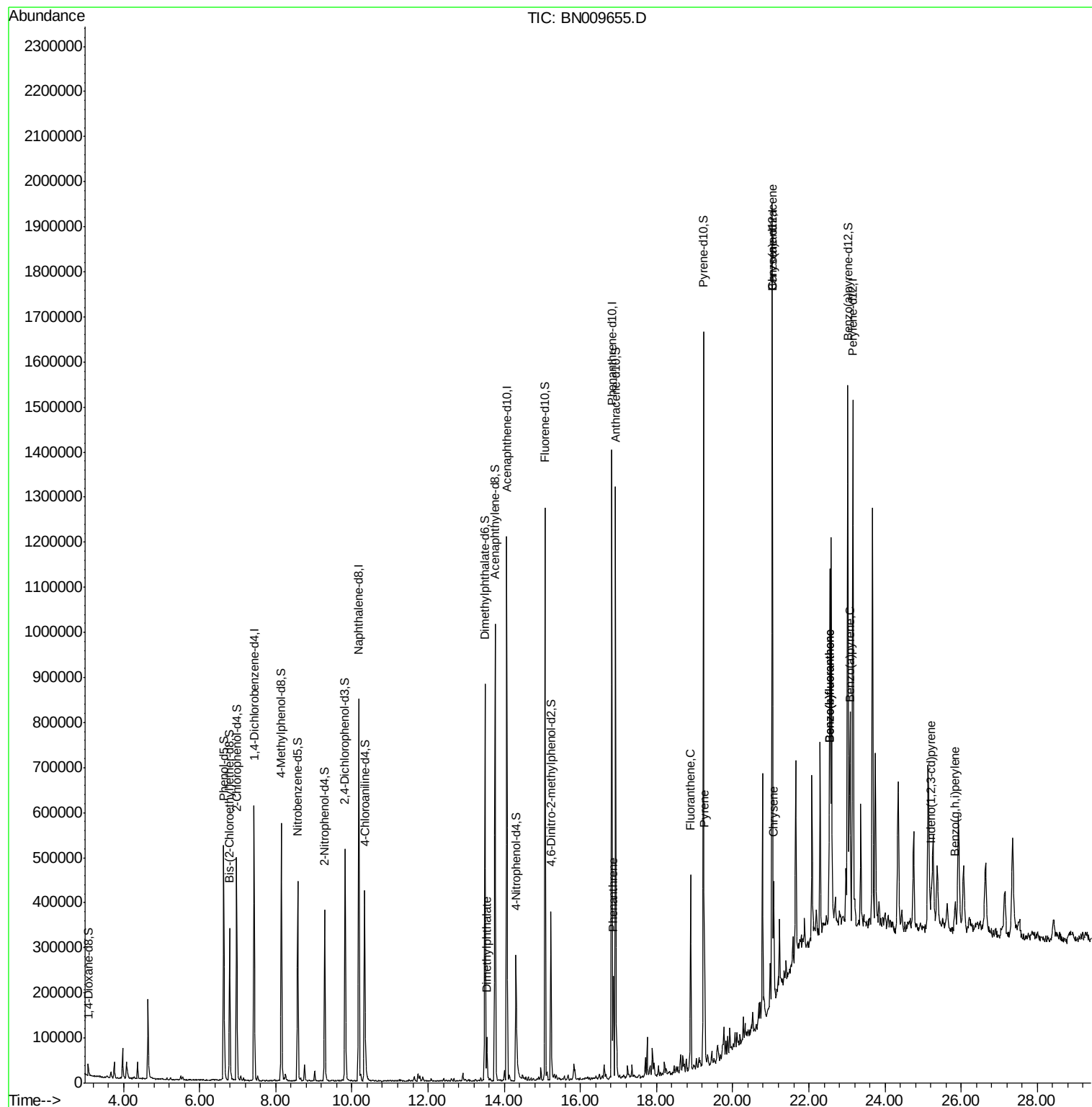
					Ovalue
44) Dimethylphthalate	13.54	163	57747	2.026	ng/ul 97
69) Phenanthrene	16.86	178	125739	2.911	ng/ul 97
76) Fluoranthene	18.89	202	248291	5.036	ng/ul 97
79) Pyrene	19.26	202	235799	4.488	ng/ul 99
82) Benzo(a)anthracene	21.03	228	137379	2.765	ng/ul 94
84) Chrysene	21.07	228	124991	2.527	ng/ul 95
87) Benzo(b)fluoranthene	22.53	252	162547	3.593	ng/ul 99
88) Benzo(k)fluoranthene	22.53	252	162547	3.649	ng/ul 99
90) Benzo(a)pyrene	23.06	252	105409	2.515	ng/ul# 93
91) Indeno(1,2,3-cd)pyrene	25.22	276	63555	1.275	ng/ul 99
93) Benzo(g,h,i)perylene	25.84	276	63152	1.512	ng/ul# 90

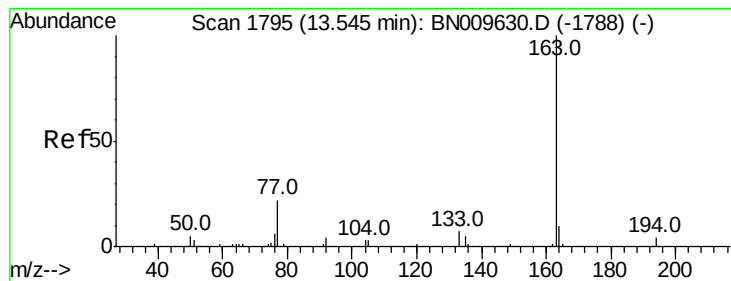
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.026 ng/ul

RT: 13.54 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

ClientSampled :

CB6J4

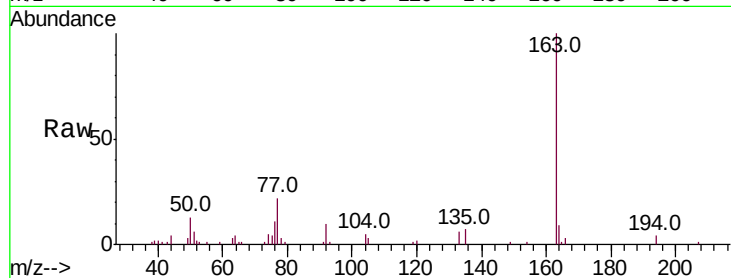
Tot Ion:163 Resp: 57747

Ion Ratio Lower Upper

163 100

194 3.7 3.5 5.3

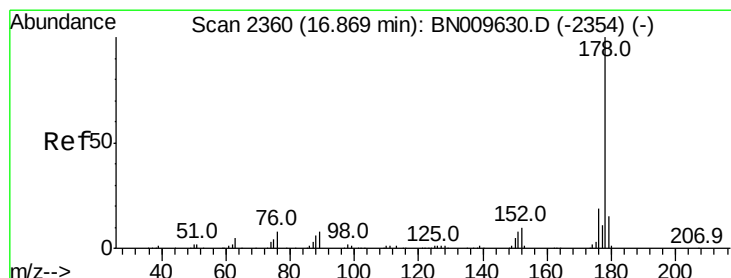
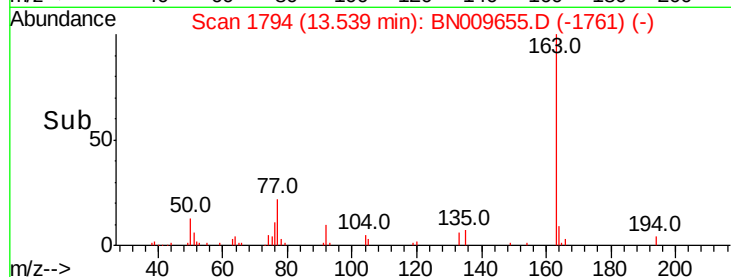
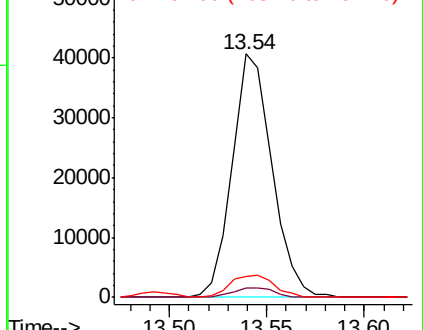
164 8.6 8.0 12.0



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: 2.911 ng/ul

RT: 16.86 min Scan# 2359

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

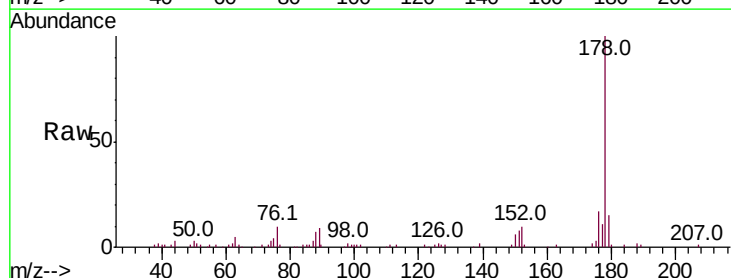
Tgt Ion:178 Resp: 125739

Ion Ratio Lower Upper

178 100

179 14.7 12.2 18.2

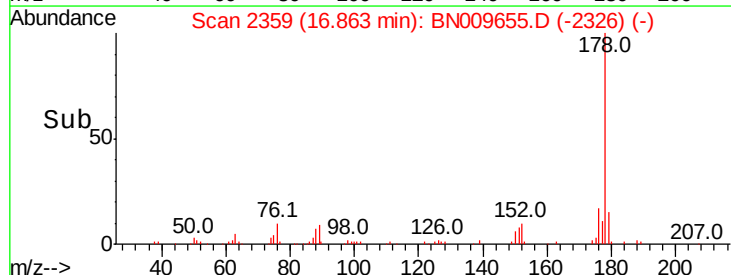
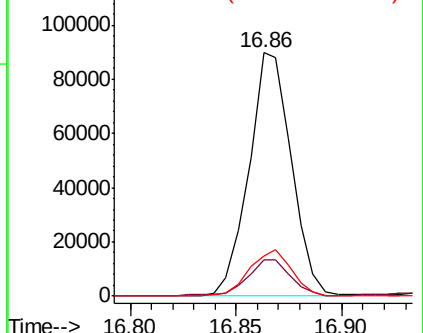
176 16.6 14.8 22.2

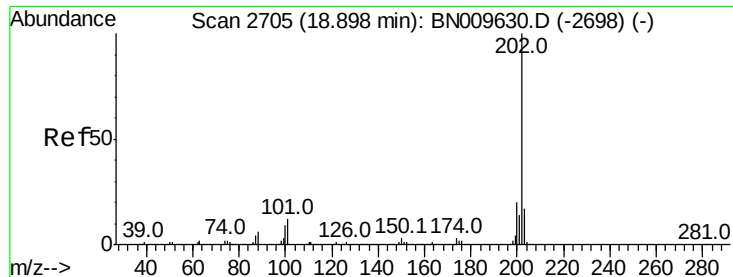


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 5.036 ng/ul

RT: 18.89 min Scan# 2704

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

ClientSampleId :

CB6J4

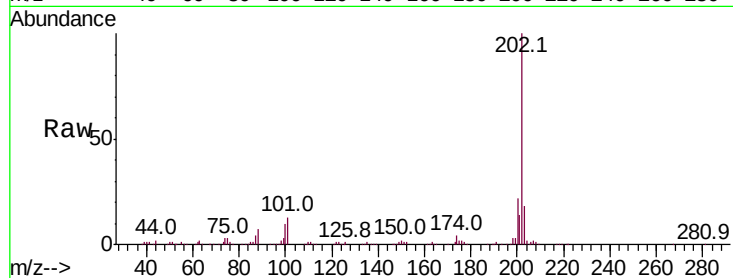
Tot Ion:202 Resp: 248291

Ion Ratio Lower Upper

202 100

101 12.7 9.2 13.8

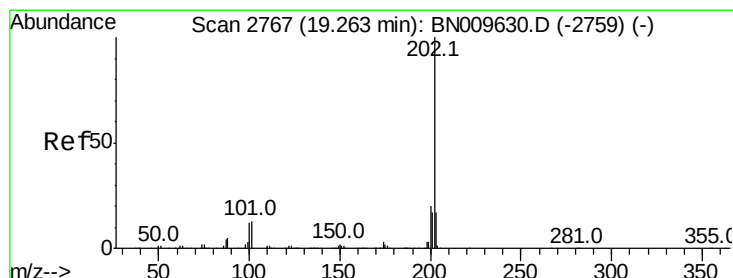
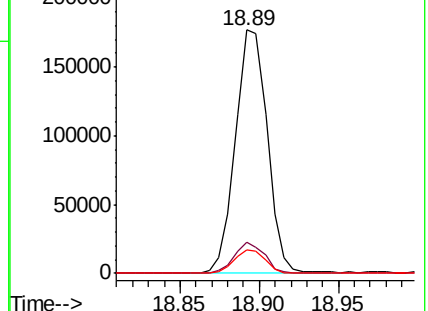
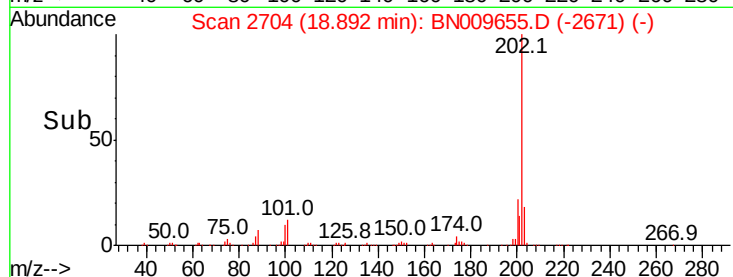
100 9.7 6.9 10.3



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

Pyrene

Concen: 4.488 ng/ul

RT: 19.26 min Scan# 2767

Delta R.T. -0.00 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

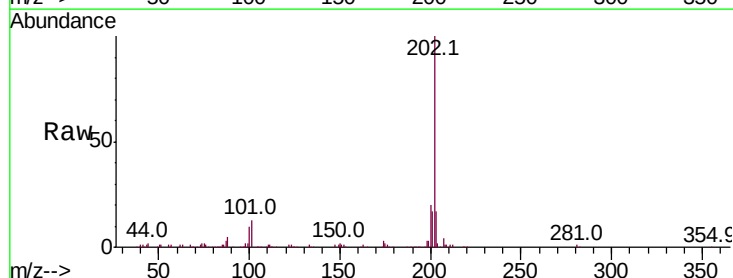
Tgt Ion:202 Resp: 235799

Ion Ratio Lower Upper

202 100

101 12.5 10.3 15.5

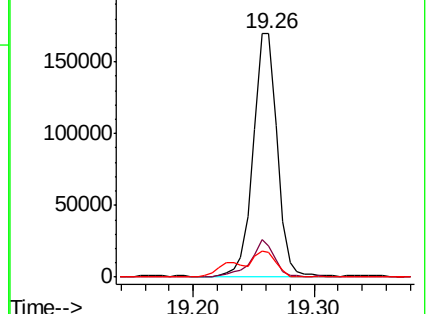
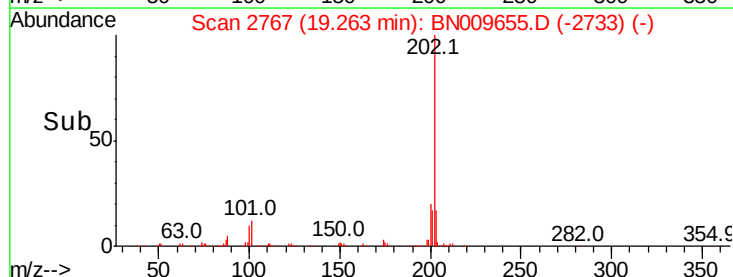
100 10.1 8.4 12.6

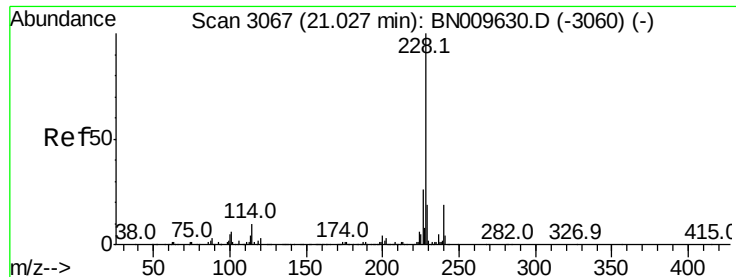


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 2.765 ng/ul

RT: 21.03 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

ClientSampled :

CB6J4

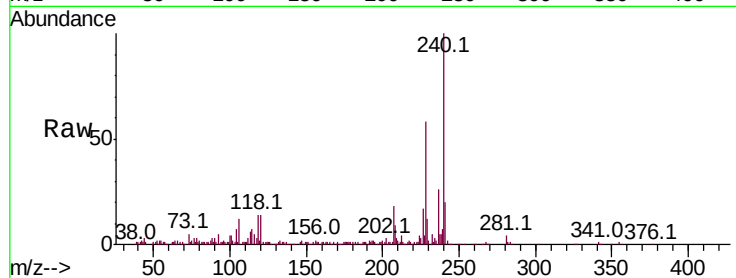
Tot Ion:228 Resp: 137379

Ion Ratio Lower Upper

228 100

229 20.7 15.0 22.4

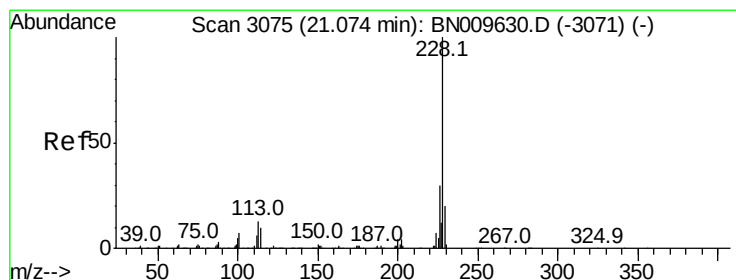
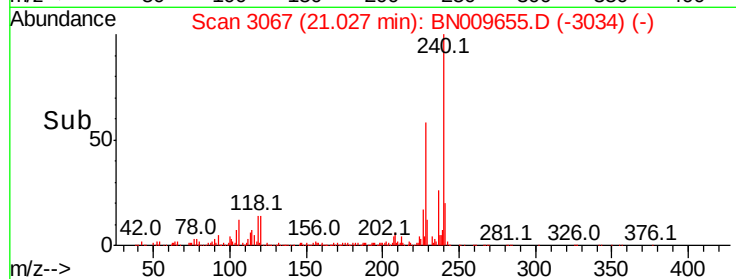
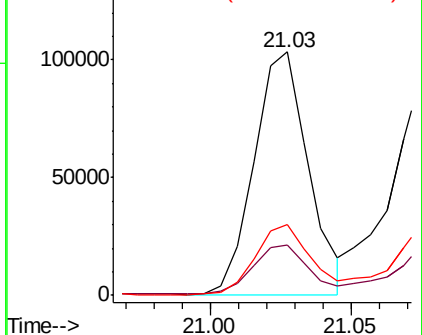
226 29.3 20.9 31.3



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: 2.527 ng/ul

RT: 21.07 min Scan# 3075

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

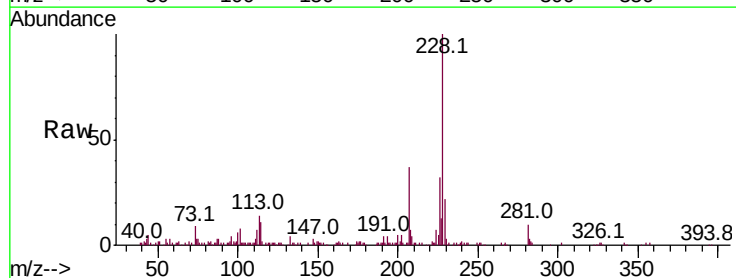
Tgt Ion:228 Resp: 124991

Ion Ratio Lower Upper

228 100

226 32.2 23.5 35.3

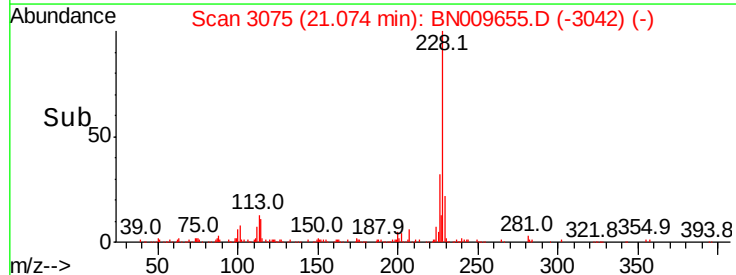
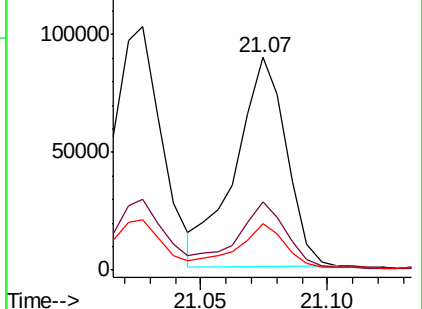
229 22.0 15.8 23.8

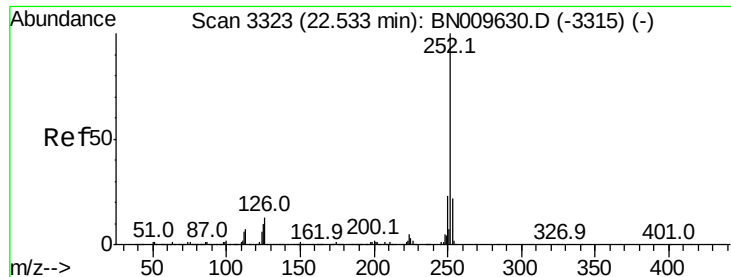


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

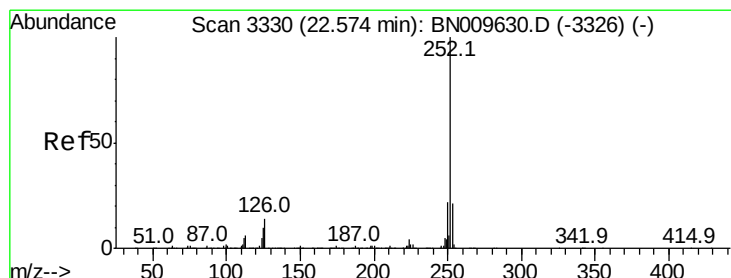
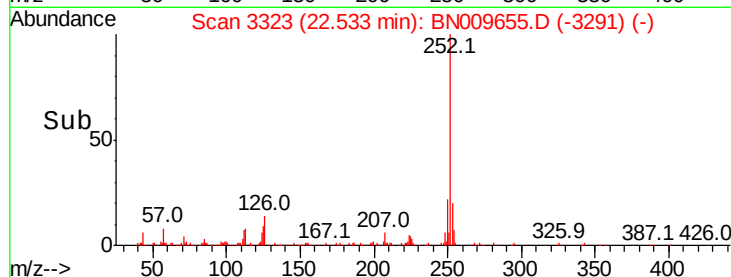
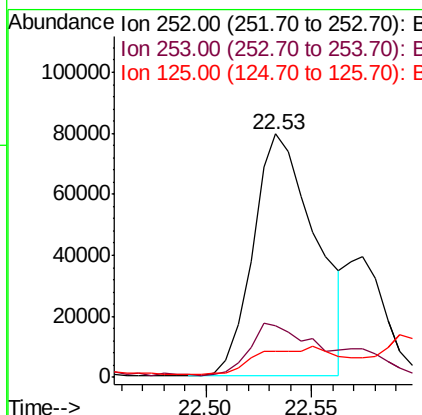
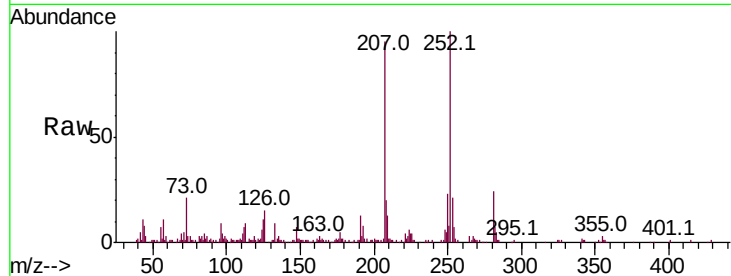




#87
Benzo(b)fluoranthene
Concen: 3.593 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009655.D
Acq: 07 Feb 2020 20:26

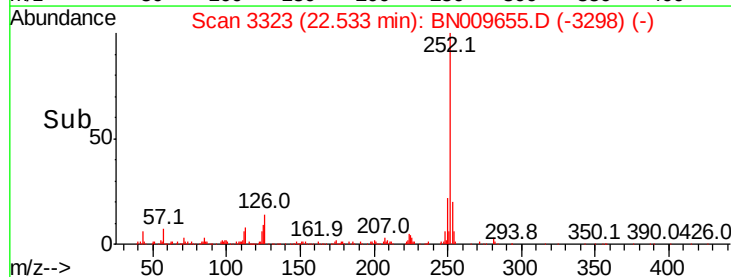
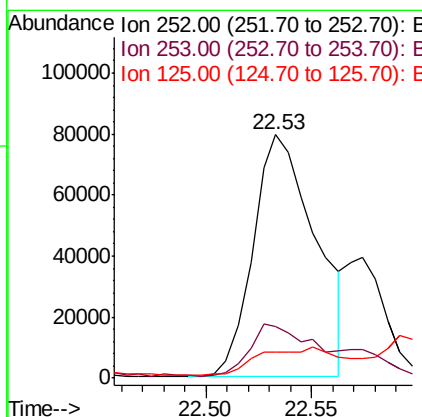
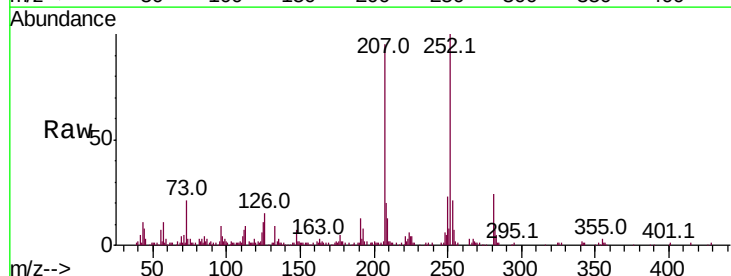
Instrument :
BNA_N
ClientSampled :
CB6J4

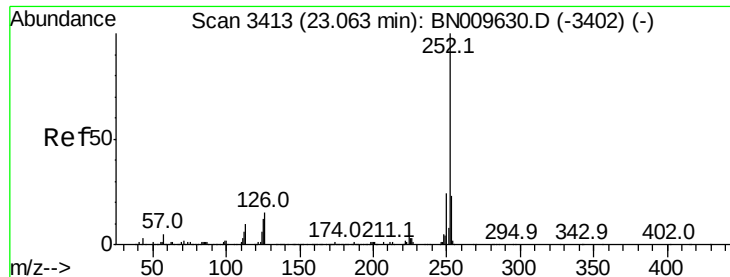
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.6
125	10.8	8.2	12.2



#88
Benzo(k)fluoranthene
Concen: 3.649 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.05 min
Lab File: BN009655.D
Acq: 07 Feb 2020 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.0	25.4
125	10.8	8.0	12.0





#90

Benzo(a)pyrene

Concen: 2.515 ng/ul

RT: 23.06 min Scan# 3413

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

Instrument :

BNA_N

ClientSampleId :

CB6J4

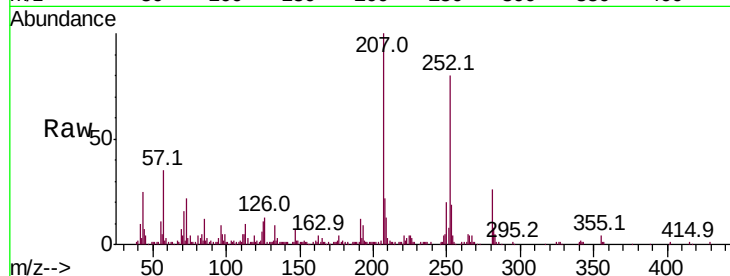
Tot Ion:252 Resp: 105409

Ion Ratio Lower Upper

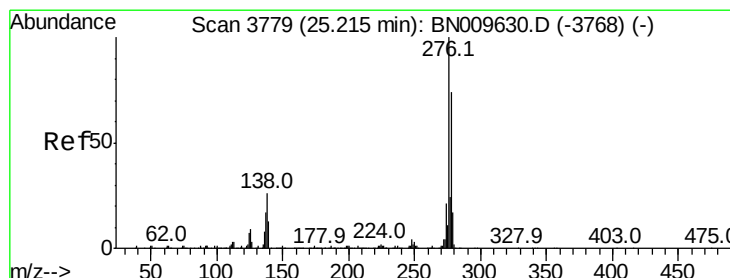
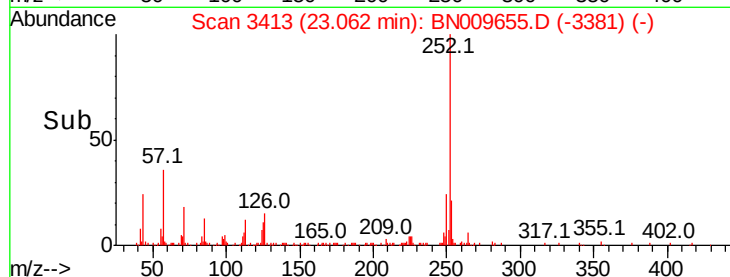
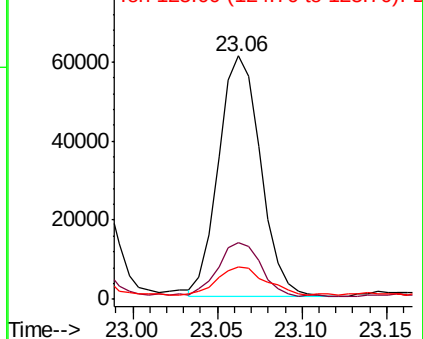
252 100

253 23.5 15.8 23.8

125 13.3 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: 1.275 ng/ul

RT: 25.22 min Scan# 3779

Delta R.T. -0.02 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

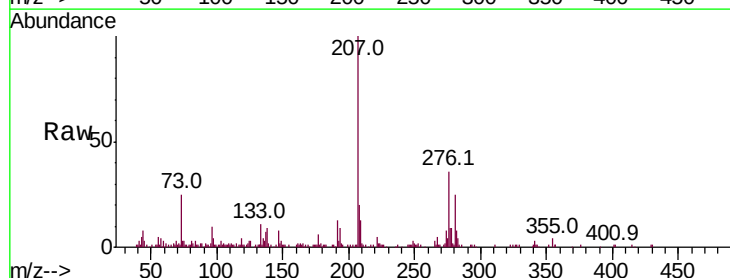
Tgt Ion:276 Resp: 63555

Ion Ratio Lower Upper

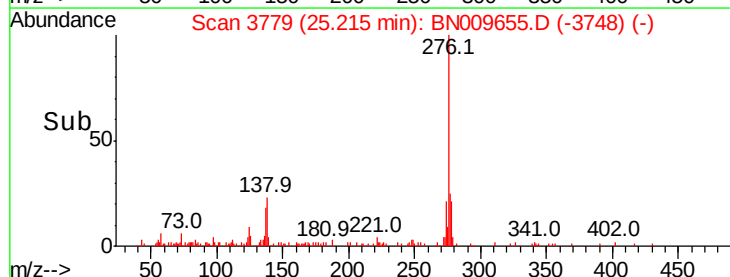
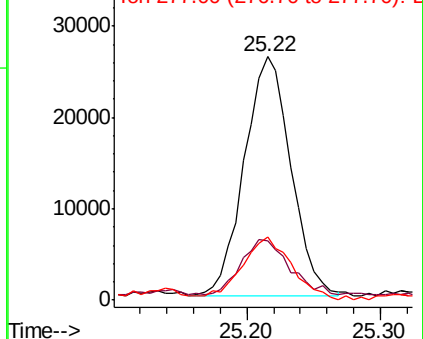
276 100

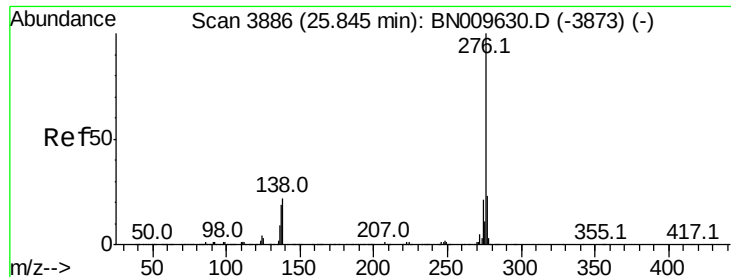
138 24.6 20.3 30.5

277 25.9 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(a,h,i)perylene

Concen: 1.512 ng/ul

RT: 25.84 min Scan# 3886

Delta R.T. -0.01 min

Lab File: BN009655.D

Acq: 07 Feb 2020 20:26

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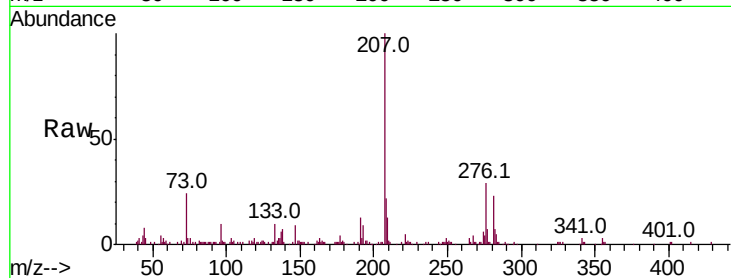
Tot Ion:276 Resp: 63152

Ion Ratio Lower Upper

276 100

138 24.9 16.0 24.0#

277 25.9 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

