

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000355.D
 Acq On : 13 Mar 2018 18:43
 Operator : JU/SJ
 Sample : J1845-07
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM95

Quant Time: Mar 14 08:13:39 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 14 08:11:44 2018
 Response via : Initial Calibration

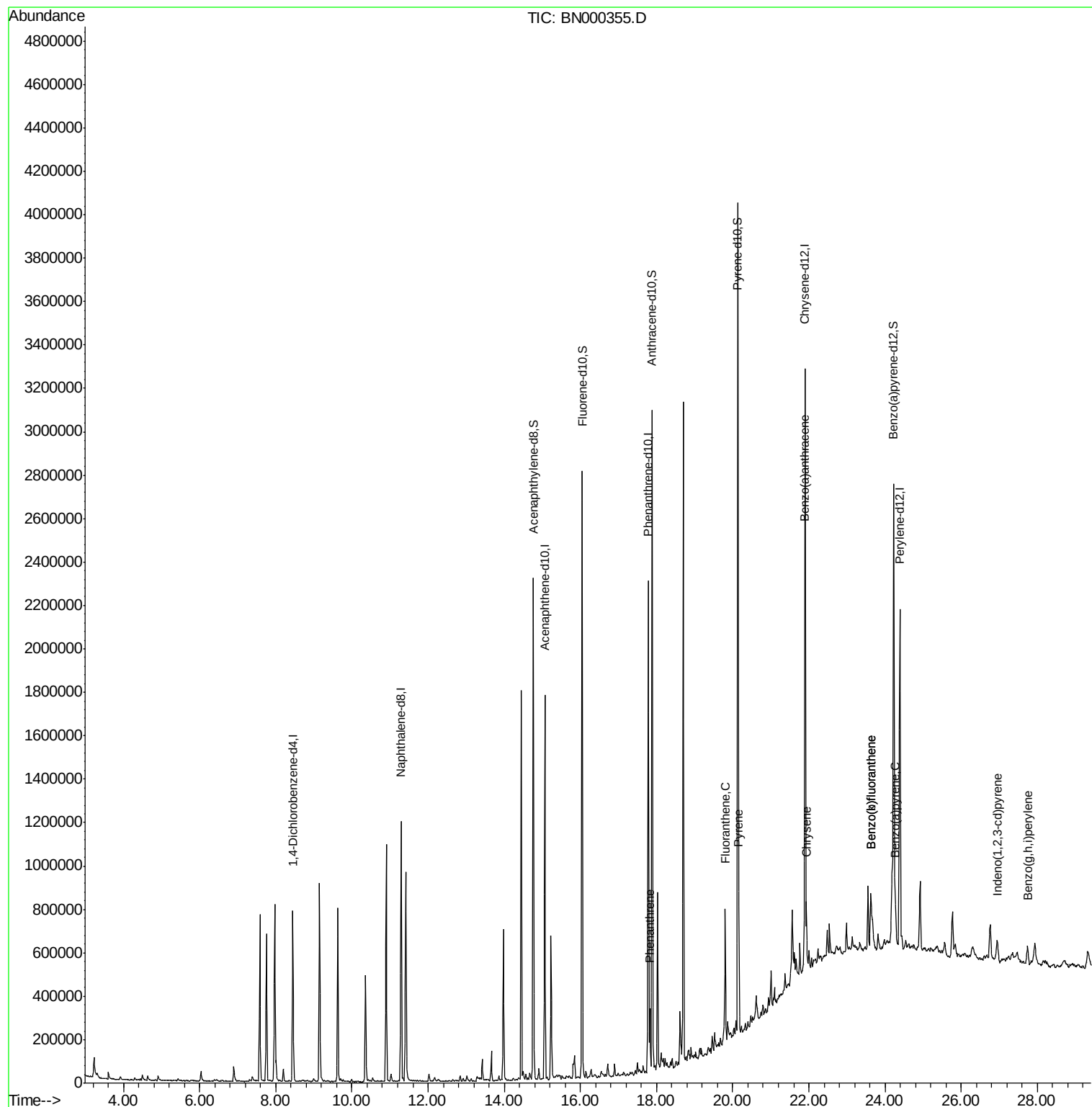
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	210588	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1007554	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	560190	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1244437	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1213250	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1105658	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1579747	28.41	ng/ul	0.00
10) Fluorene-d10	16.05	176	1043165	27.71	ng/ul	0.00
14) Anthracene-d10	17.88	188	1659802	28.55	ng/ul	0.00
18) Pyrene-d10	20.13	212	1847966	31.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1459621	28.91	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.83	178	133914	1.876	ng/ul	100
16) Fluoranthene	19.80	202	335970	4.357	ng/ul#	94
19) Pyrene	20.16	202	294732	3.848	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	162269	2.151	ng/ul	98
21) Chrysene	21.94	228	157611	2.202	ng/ul	96
23) Benzo(b)fluoranthene	23.63	252	269334	4.085	ng/ul#	90
24) Benzo(k)fluoranthene	23.63	252	192913	3.126	ng/ul#	90
26) Benzo(a)pyrene	24.28	252	131413	2.094	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.94	276	90497	1.338	ng/ul#	84
29) Benzo(g,h,i)perylene	27.74	276	99949	1.769	ng/ul#	85

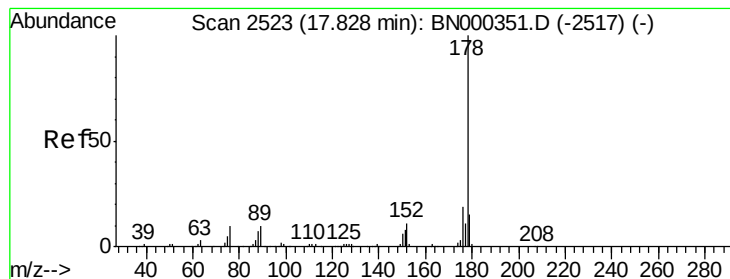
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.876 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

Instrument :

BNA_N

ClientSampleId :

DAM95

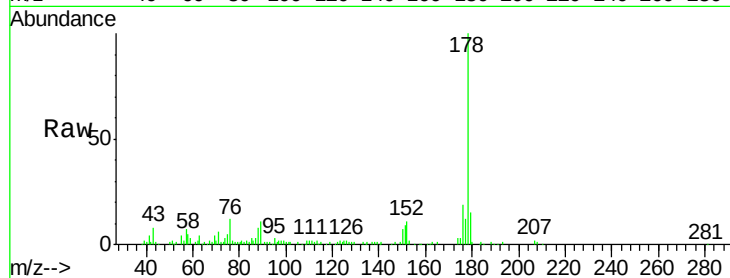
Tot Ion:178 Resp: 133914

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

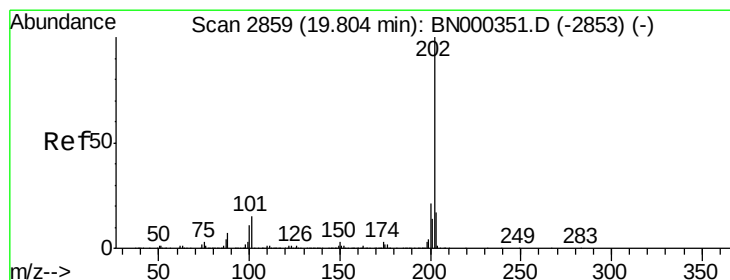
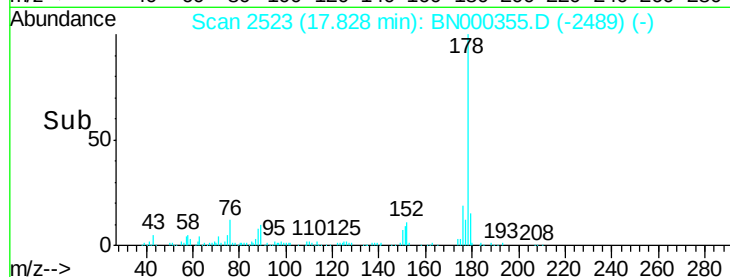
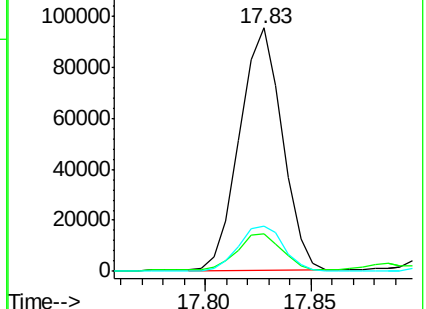
176 18.7 15.1 22.7



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



#16

Fluoranthene

Concen: 4.357 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

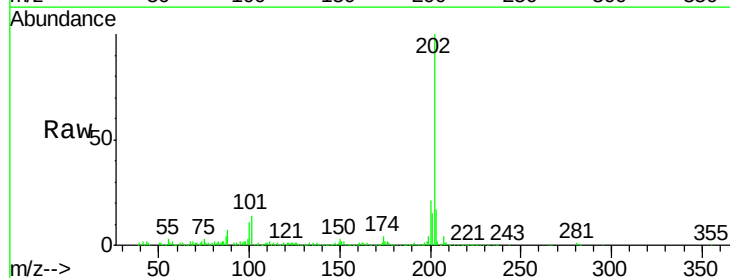
Tgt Ion:202 Resp: 335970

Ion Ratio Lower Upper

202 100

101 14.4 9.9 14.9

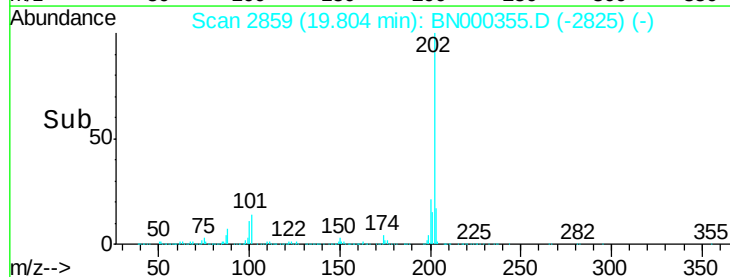
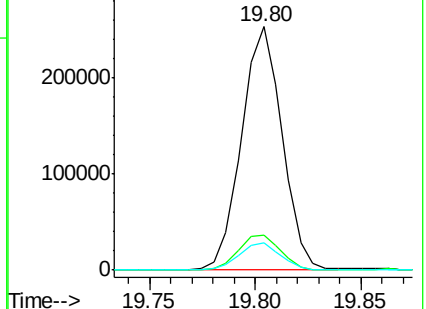
100 11.4 7.4 11.0#

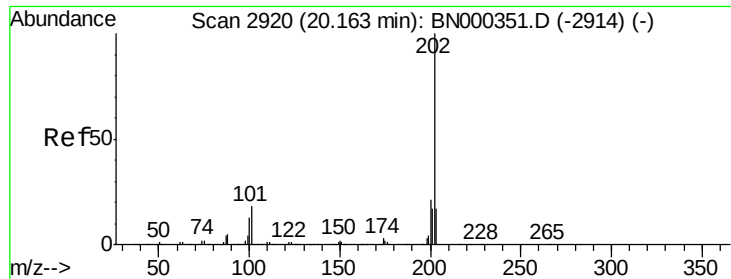


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.848 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

Instrument :

BNA_N

ClientSampleId :

DAM95

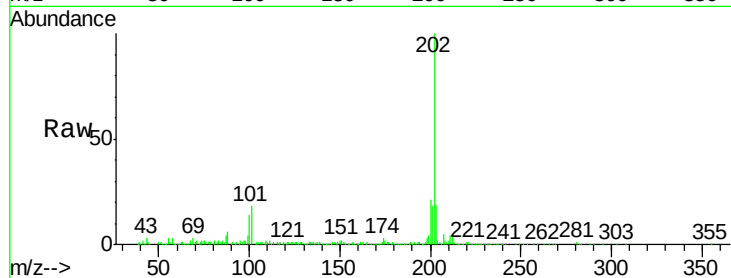
Tot Ion:202 Resp: 294732

Ion Ratio Lower Upper

202 100

101 18.5 11.0 16.4#

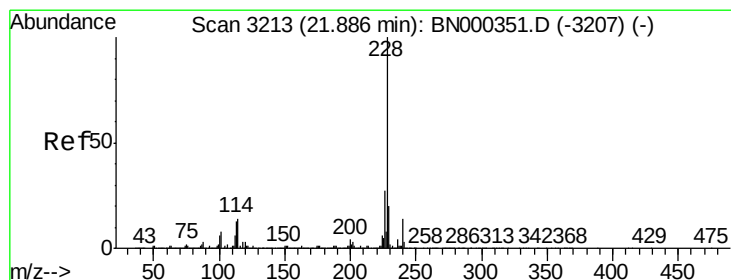
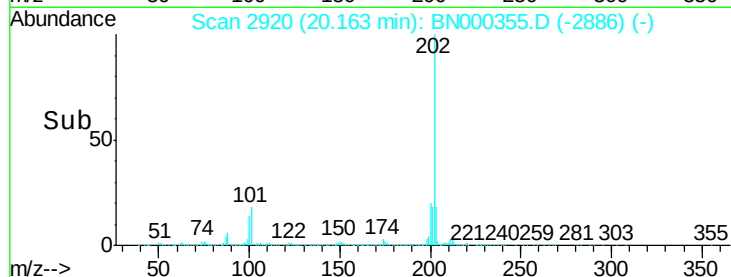
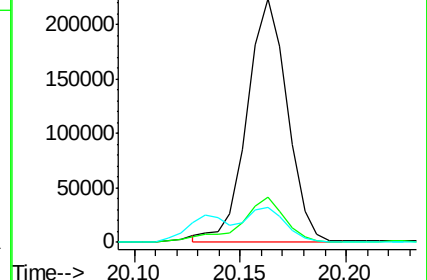
100 14.4 8.1 12.1#



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): E



#20

Benzo(a)anthracene

Concen: 2.151 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

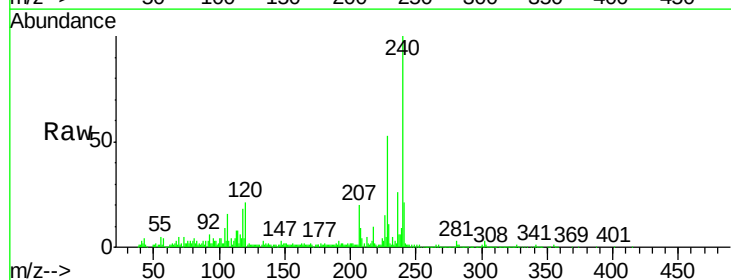
Tgt Ion:228 Resp: 162269

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

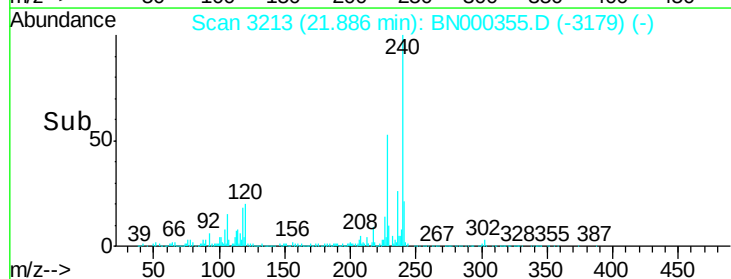
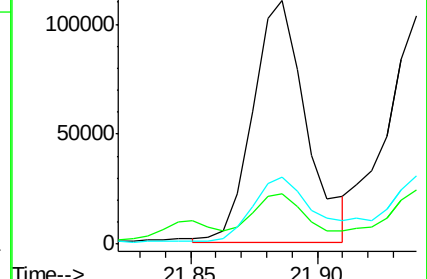
226 27.6 21.1 31.7

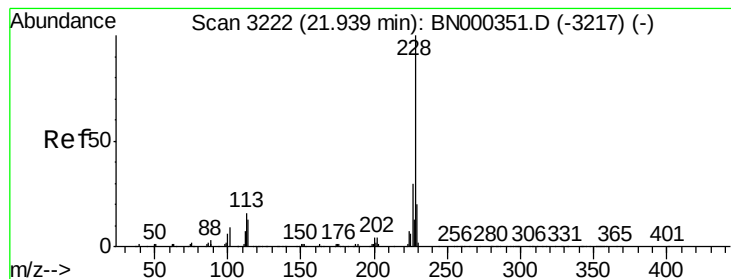


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 2.202 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

Instrument :

BNA_N

ClientSampled :

DAM95

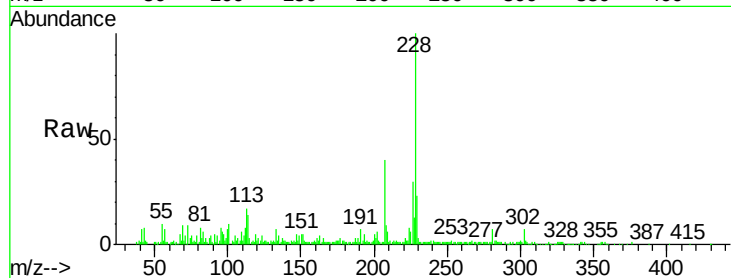
Tot Ion:228 Resp: 157611

Ion Ratio Lower Upper

228 100

226 30.0 24.5 36.7

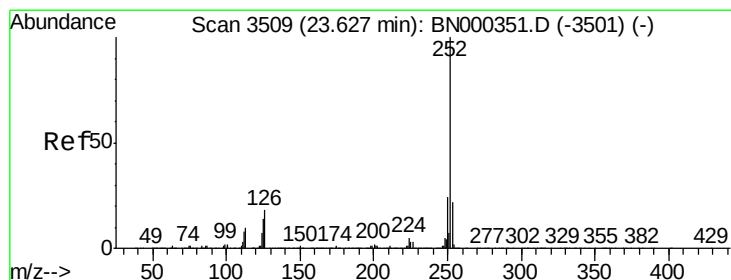
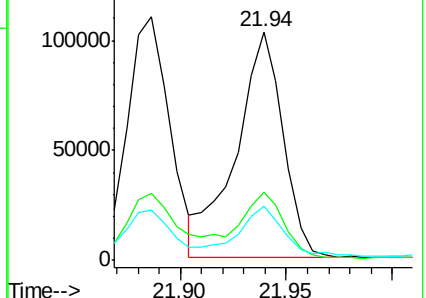
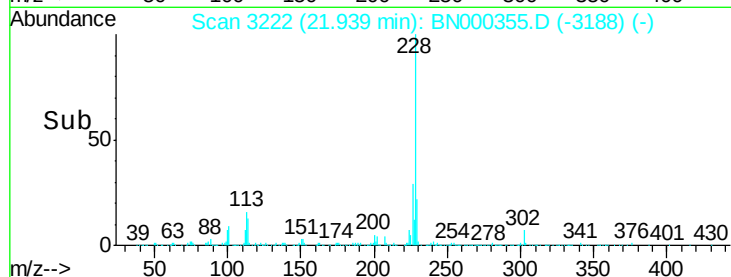
229 23.5 15.8 23.8



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



#23

Benzo(b)fluoranthene

Concen: 4.085 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

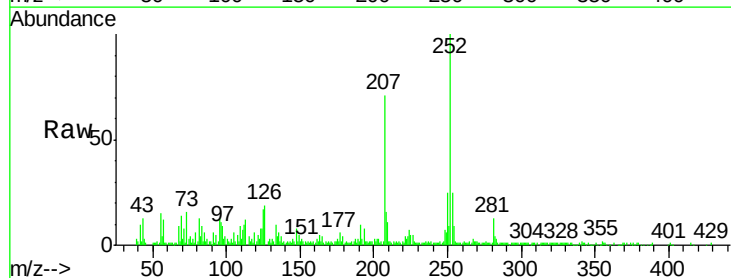
Tgt Ion:252 Resp: 269334

Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

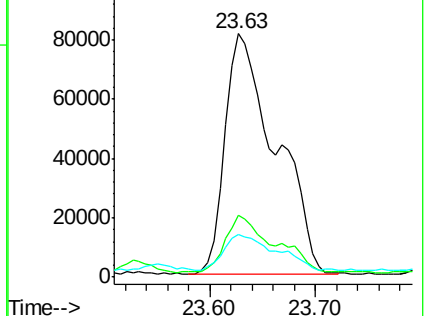
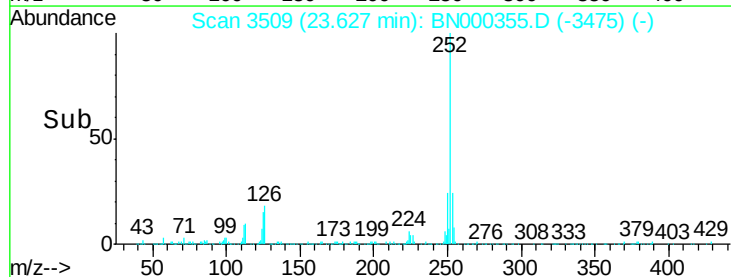
125 17.3 8.0 12.0#

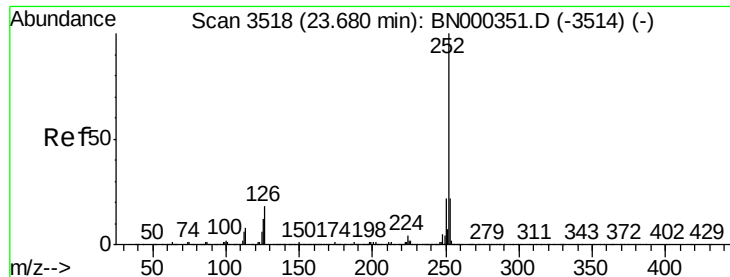


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.126 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

Instrument :

BNA_N

ClientSampleId :

DAM95

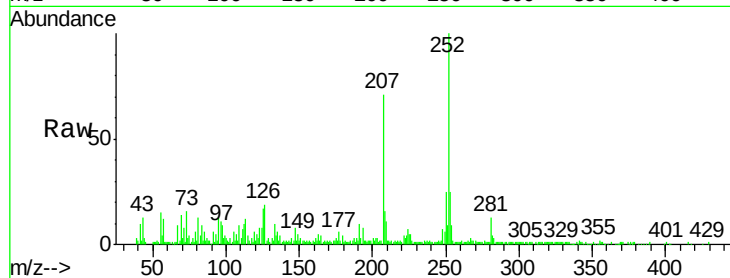
Tot Ion:252 Resp: 192913

Ion Ratio Lower Upper

252 100

253 25.3 18.0 27.0

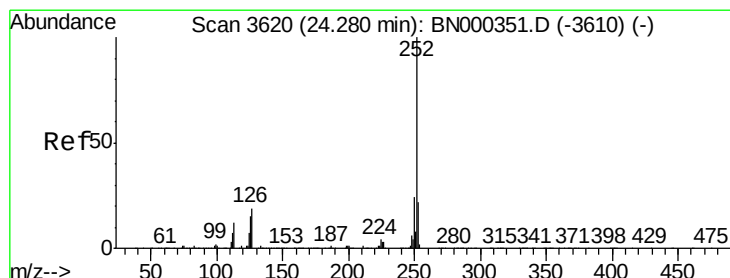
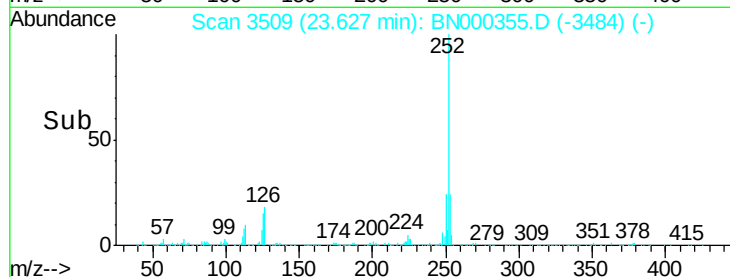
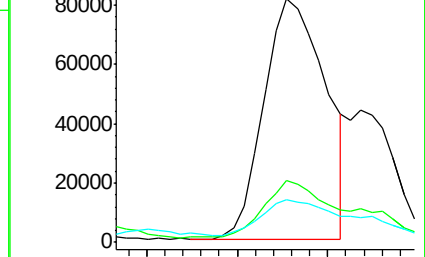
125 17.3 8.1 12.1#



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



#26

Benzo(a)pyrene

Concen: 2.094 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000355.D

Acq: 13 Mar 2018 18:43

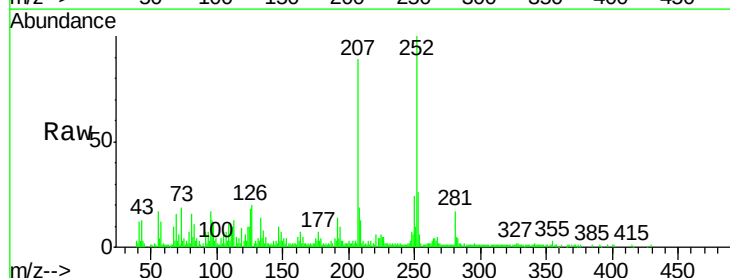
Tgt Ion:252 Resp: 131413

Ion Ratio Lower Upper

252 100

253 26.0 17.2 25.8#

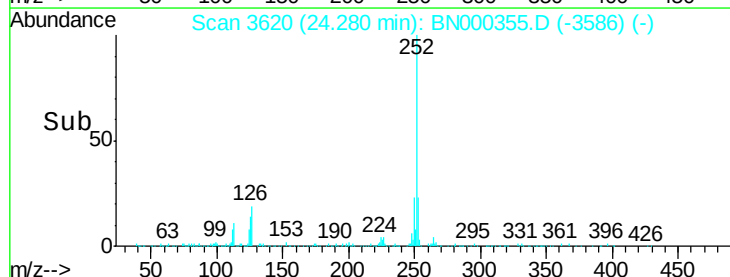
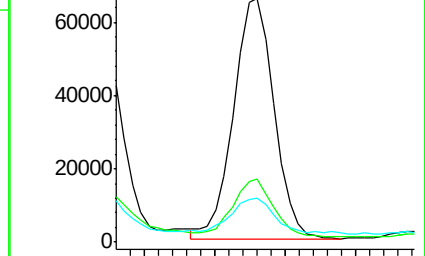
125 17.9 8.2 12.4#

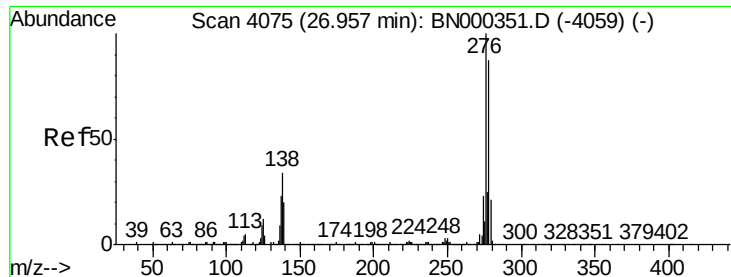


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



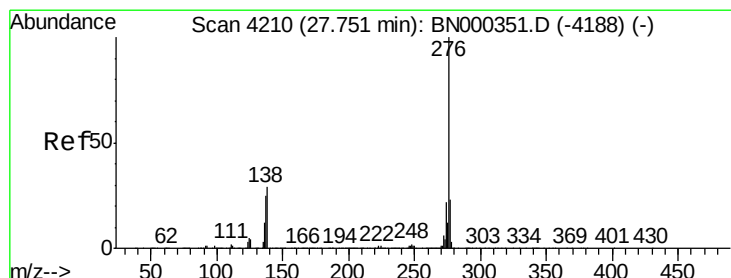
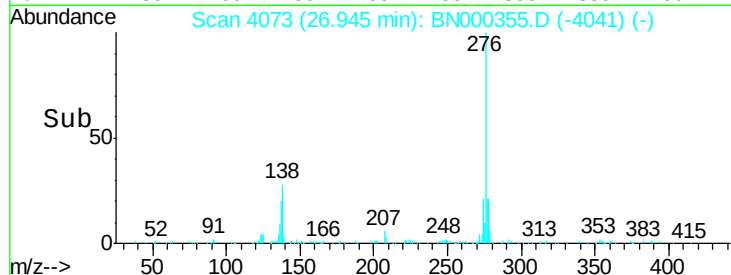
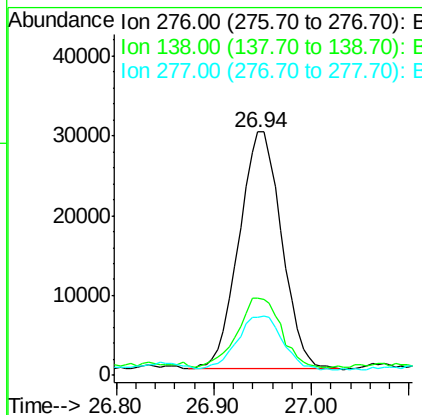
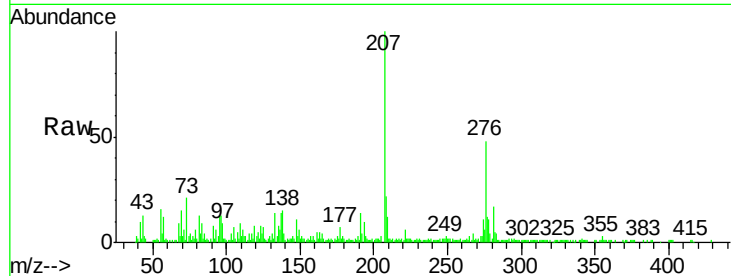


#27

Indeno(1,2,3-cd)pyrene
Concen: 1.338 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Instrument :
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DAM95

Tot Ion:276 Resp: 90497
Ion Ratio Lower Upper
276 100
138 31.9 14.4 21.6#
277 24.0 18.0 27.0



#29

Benzo(g,h,i)perylene
Concen: 1.769 ng/ul
RT: 27.74 min Scan# 4209
Delta R.T. -0.01 min
Lab File: BN000355.D
Acq: 13 Mar 2018 18:43

Tgt Ion:276 Resp: 99949
Ion Ratio Lower Upper
276 100
138 32.7 15.3 22.9#
277 25.4 19.0 28.4

