

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000358.D
 Acq On : 13 Mar 2018 20:27
 Operator : JU/SJ
 Sample : J1845-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM92

Quant Time: Mar 14 08:14:19 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	193665	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	935120	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	534620	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1218495	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1238131	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1152419	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.76	160	1605017	30.25	ng/ul	0.00
10) Fluorene-d10	16.05	176	1060649	29.52	ng/ul	0.00
14) Anthracene-d10	17.89	188	1724894	30.30	ng/ul	0.00
18) Pyrene-d10	20.14	212	1975423	32.61	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1583509	30.09	ng/ul	0.00

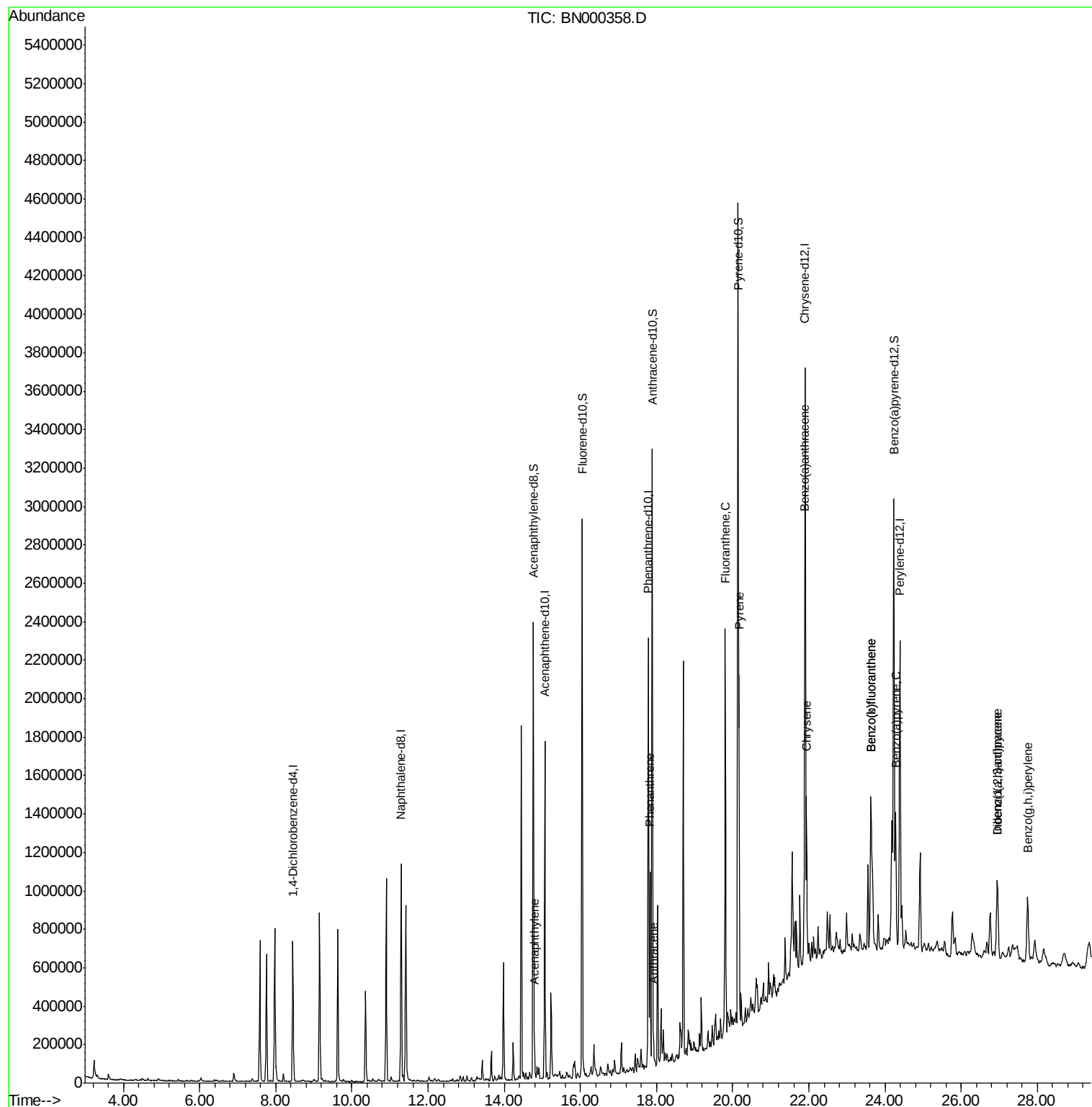
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	14.79	152	114453	2.146	ng/ul	99
13) Phenanthrene	17.83	178	543145	7.773	ng/ul	99
15) Anthracene	17.92	178	101890	1.437	ng/ul	98
16) Fluoranthene	19.80	202	1161057	15.378	ng/ul#	93
19) Pyrene	20.16	202	968437	12.389	ng/ul#	89
20) Benzo(a)anthracene	21.89	228	419137	5.445	ng/ul	97
21) Chrysene	21.94	228	467646	6.402	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	724002	10.536	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	895298	13.918	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	473796	7.244	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	390044	5.531	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.95	278	84962	1.470	ng/ul#	84
29) Benzo(a,h,i)perylene	27.74	276	425766	7.231	ng/ul#	88

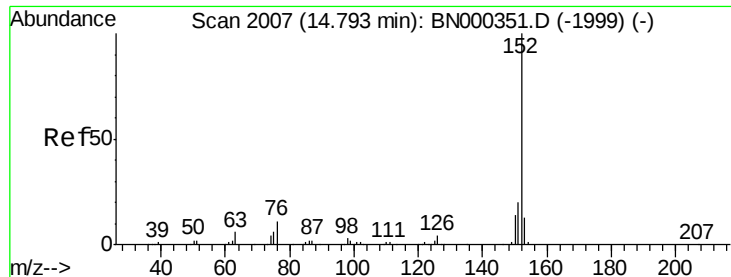
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 2.146 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

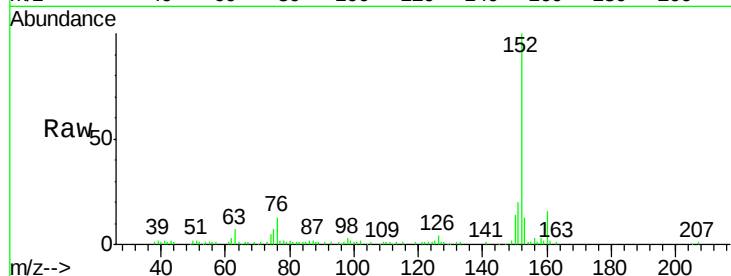
Tot Ion:152 Resp: 114453

Ion Ratio Lower Upper

152 100

151 20.0 16.7 25.1

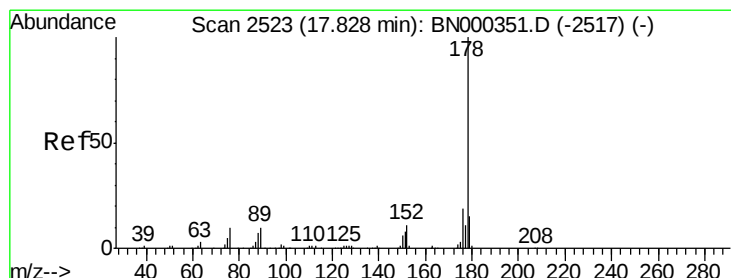
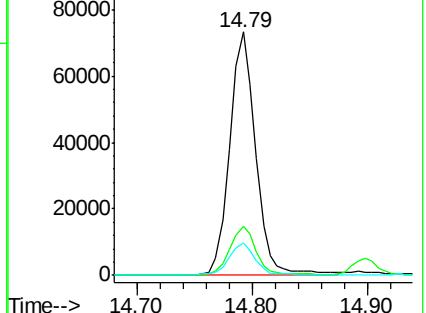
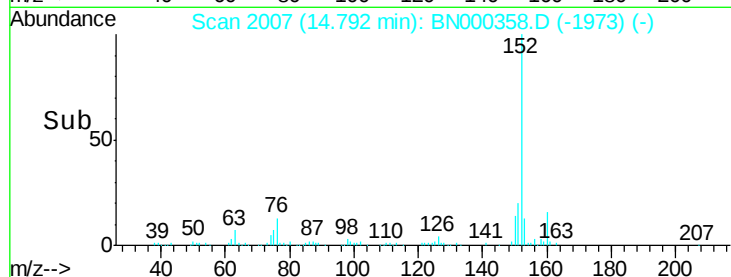
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#13

Phenanthrene

Concen: 7.773 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

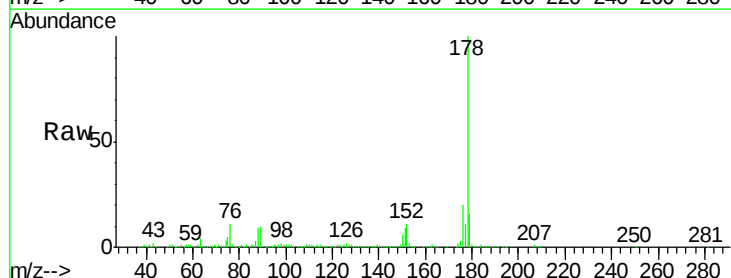
Tgt Ion:178 Resp: 543145

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

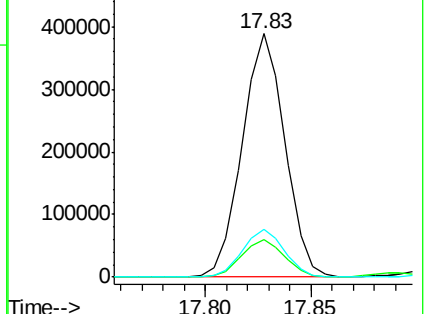
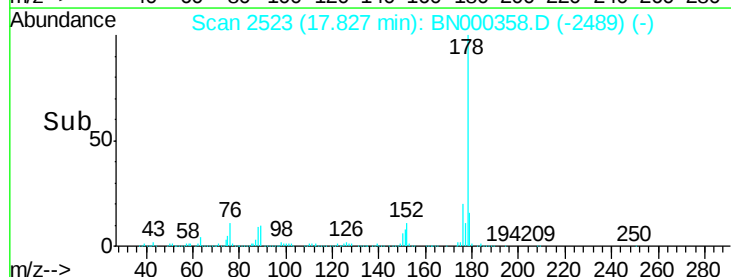
176 19.8 15.1 22.7

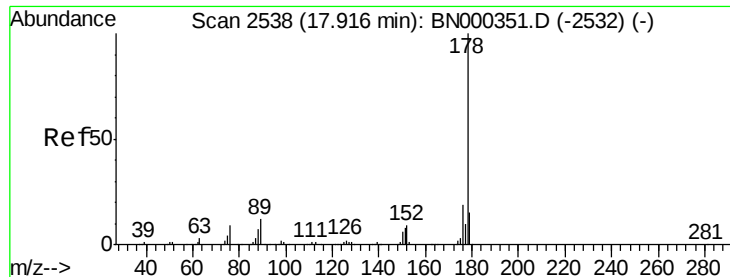


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.437 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

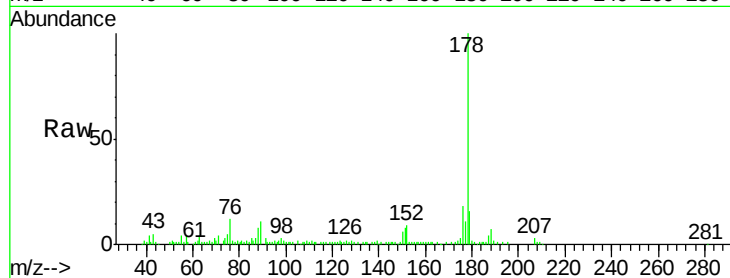
Tot Ion:178 Resp: 101890

Ion Ratio Lower Upper

178 100

179 15.9 11.8 17.8

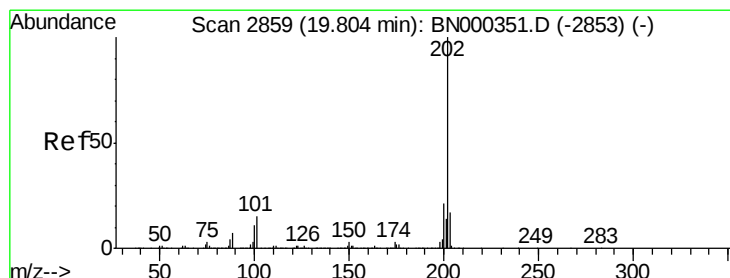
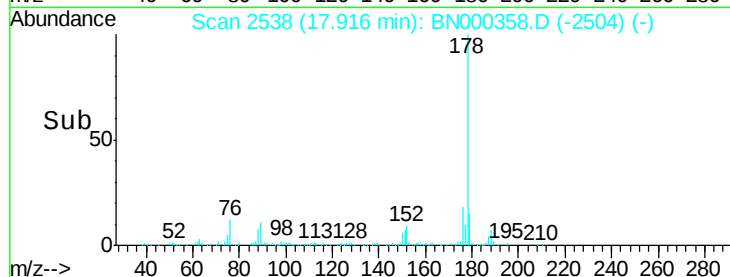
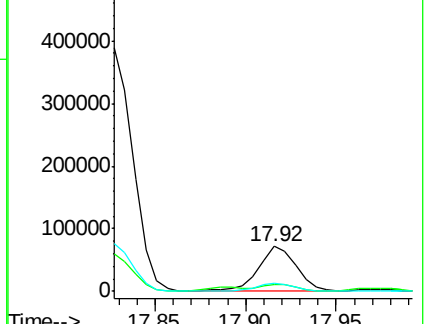
176 18.0 15.2 22.8



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



#16

Fluoranthene

Concen: 15.378 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

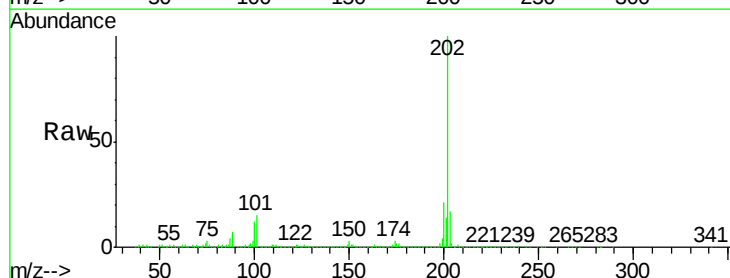
Tgt Ion:202 Resp: 1161057

Ion Ratio Lower Upper

202 100

101 15.2 9.9 14.9#

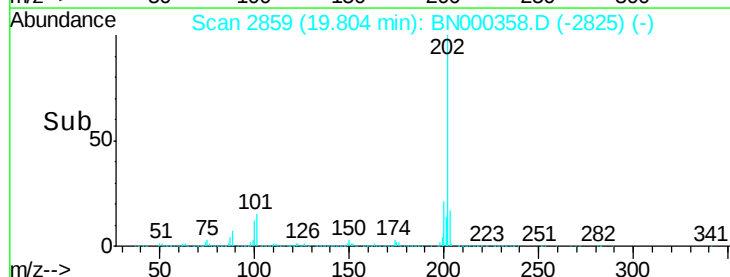
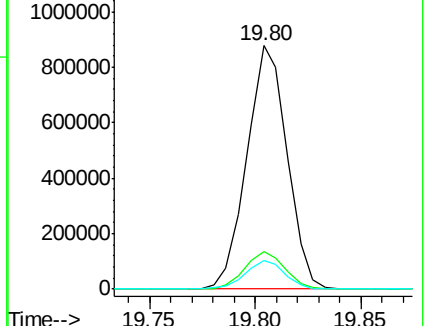
100 11.6 7.4 11.0#

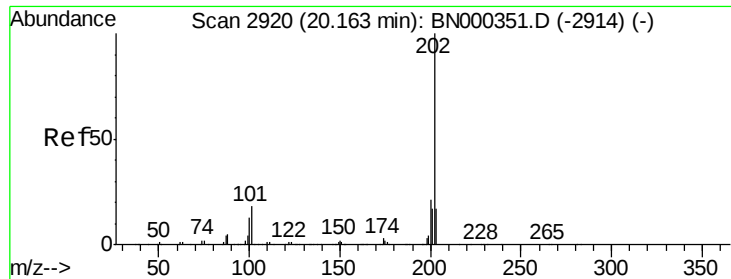


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 12.389 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

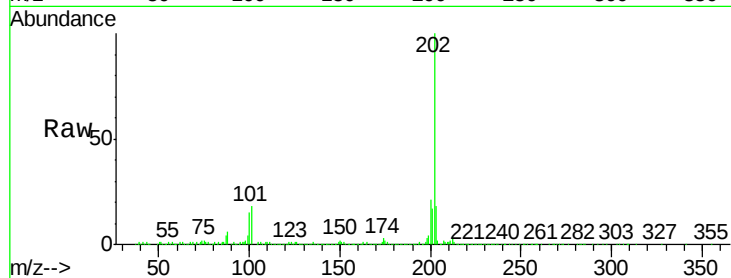
Tot Ion:202 Resp: 968437

Ion Ratio Lower Upper

202 100

101 17.9 11.0 16.4#

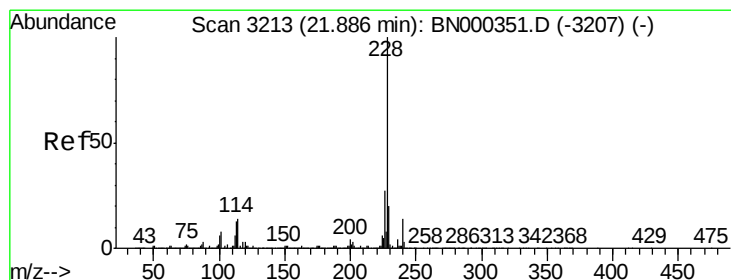
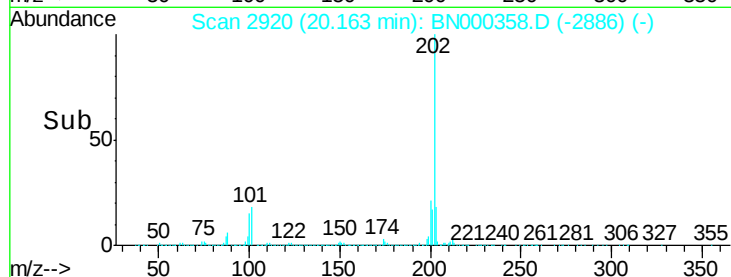
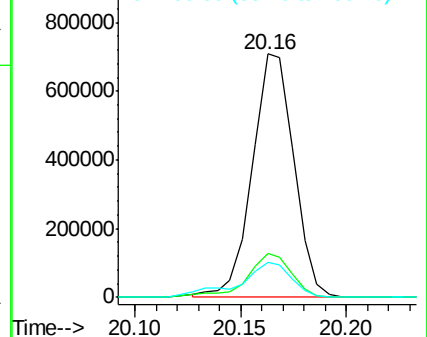
100 14.5 8.1 12.1#



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): B



#20

Benzo(a)anthracene

Concen: 5.445 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

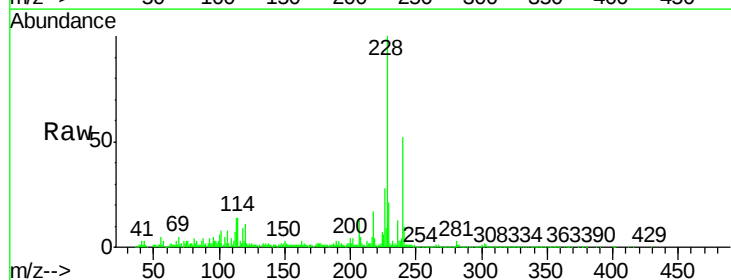
Tgt Ion:228 Resp: 419137

Ion Ratio Lower Upper

228 100

229 20.9 15.7 23.5

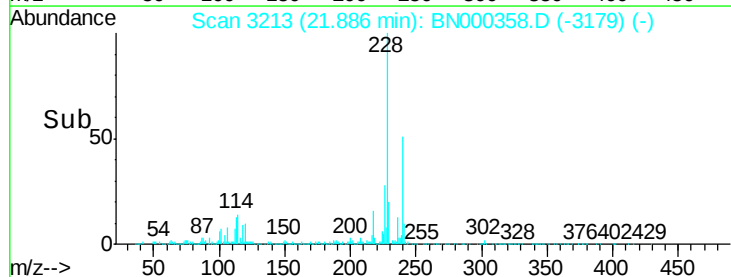
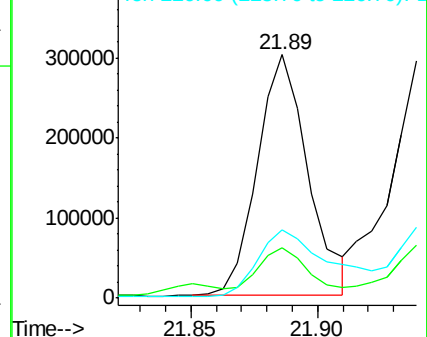
226 28.2 21.1 31.7

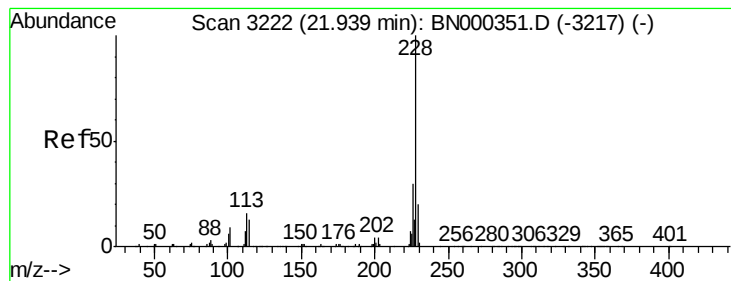


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 6.402 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

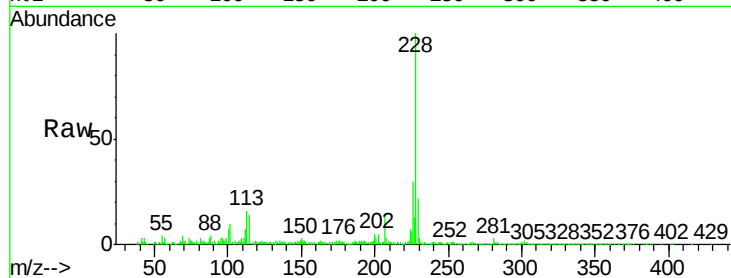
Tot Ion:228 Resp: 467646

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

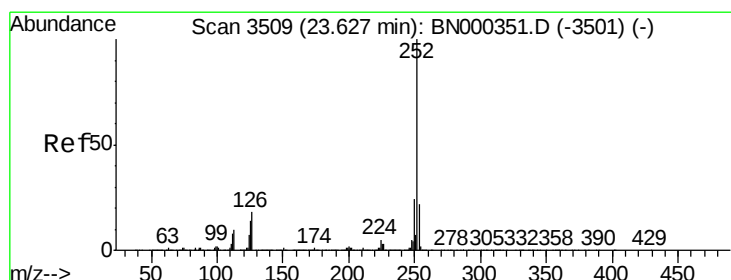
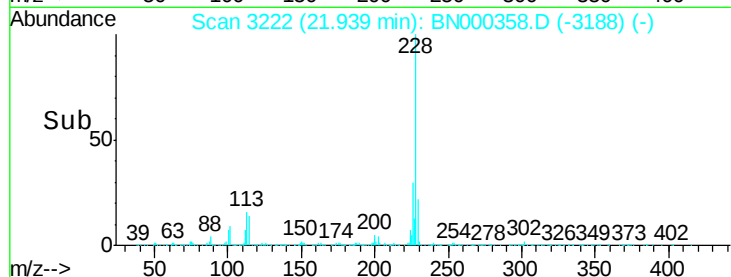
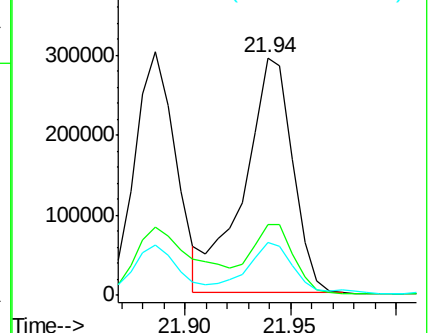
229 22.4 15.8 23.8



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: 10.536 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

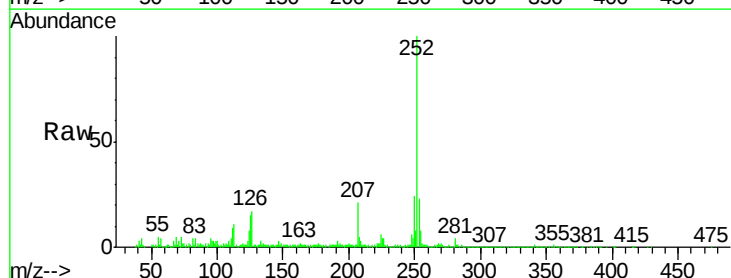
Tgt Ion:252 Resp: 724002

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

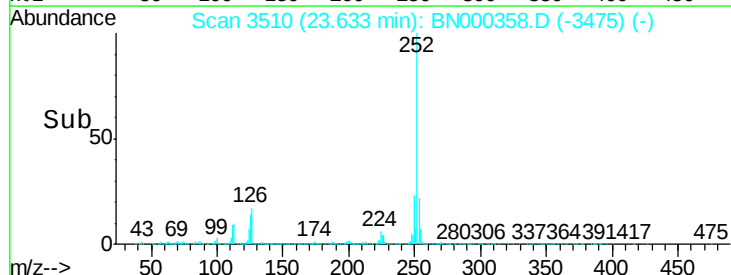
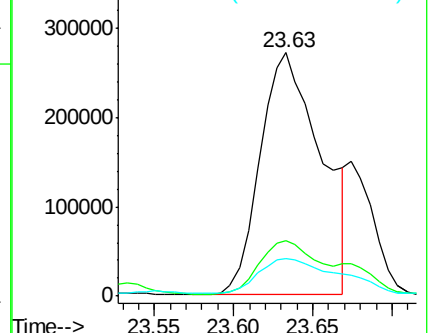
125 15.4 8.0 12.0#

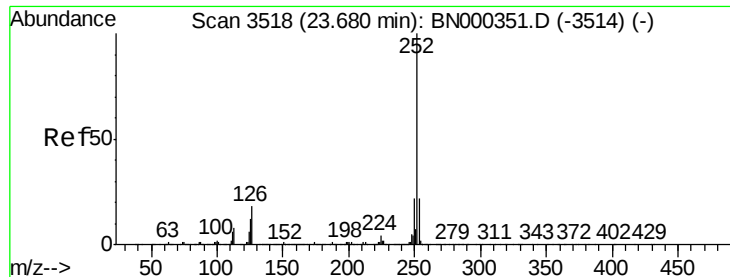


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 13.918 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

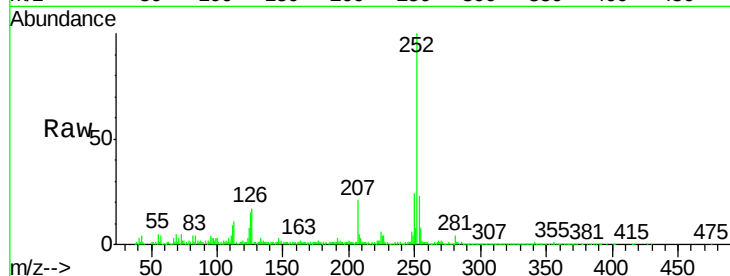
Tot Ion:252 Resp: 895298

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

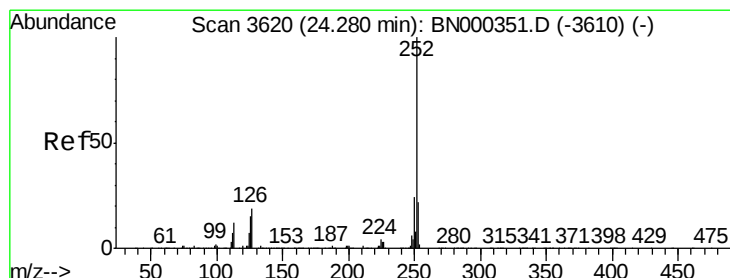
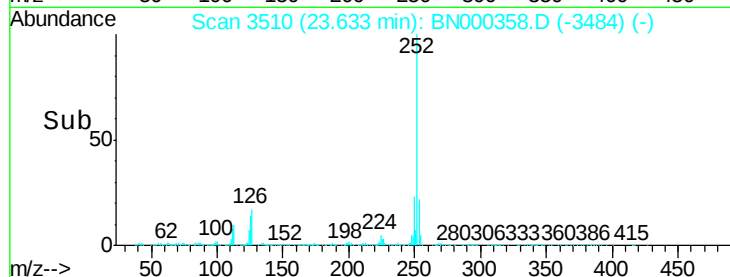
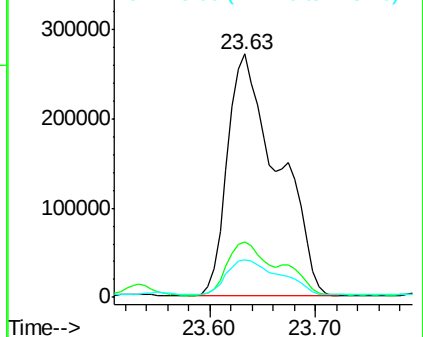
125 15.4 8.1 12.1#



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: 7.244 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. -0.00 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

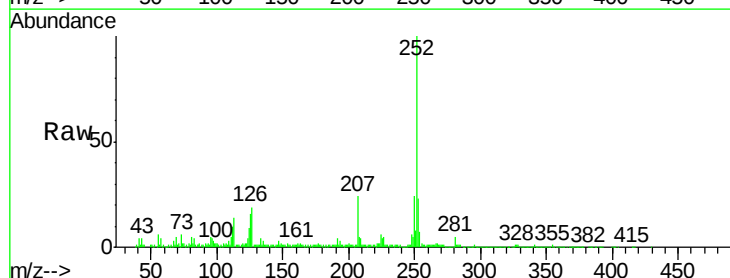
Tgt Ion:252 Resp: 473796

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

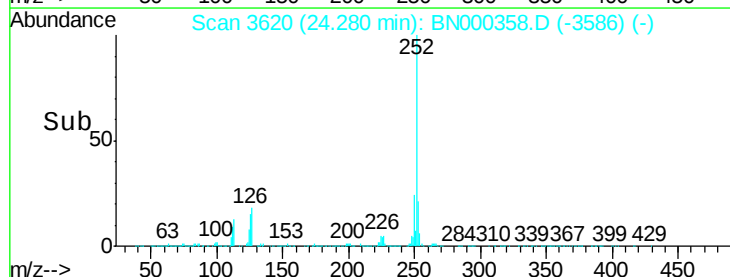
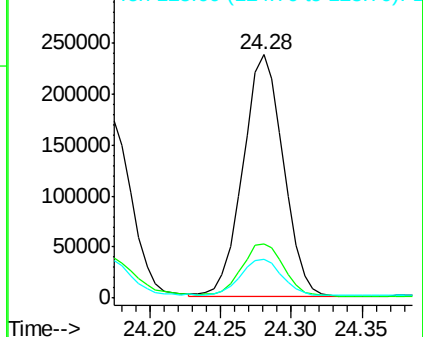
125 16.2 8.2 12.4#

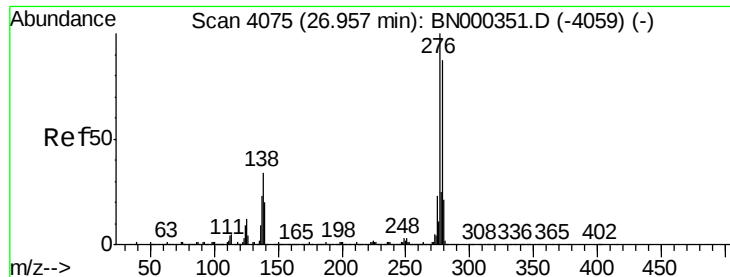


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



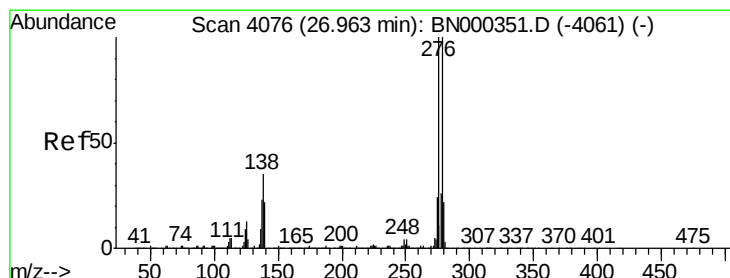
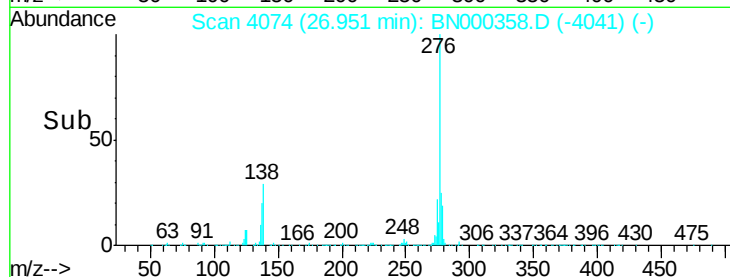
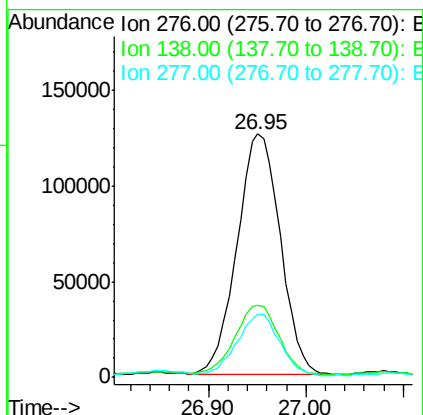
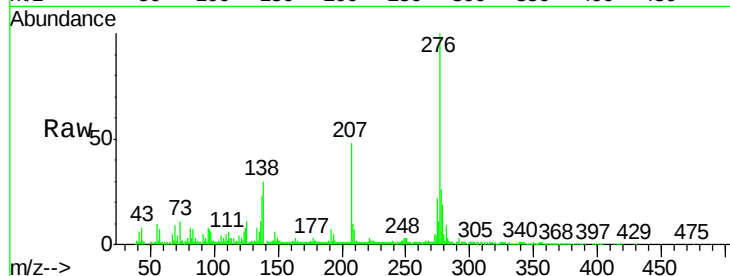


#27

Indeno(1,2,3-cd)pyrene
Concen: 5.531 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Instrument :
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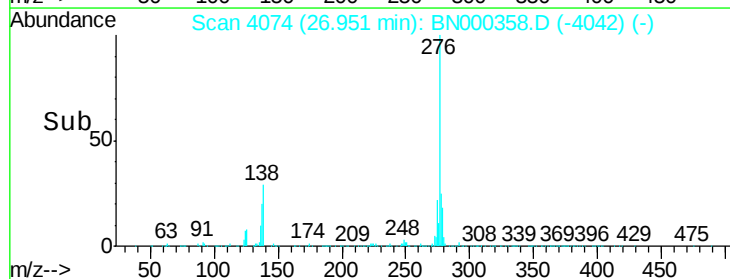
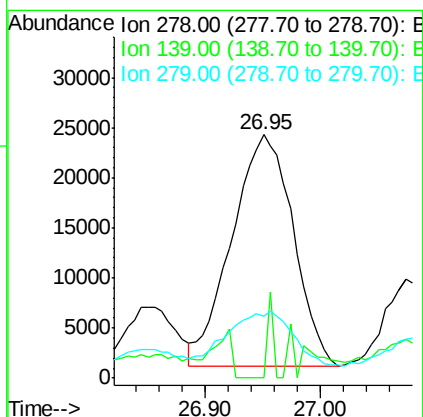
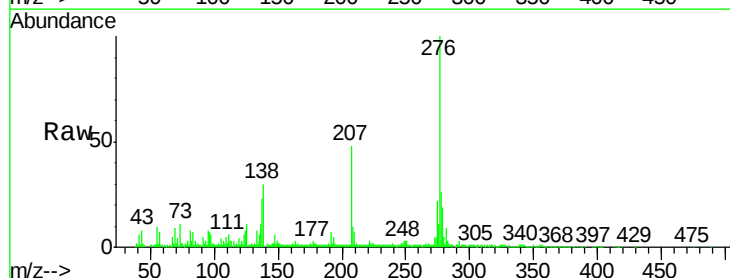
Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	14.4	21.6#
277	25.7	18.0	27.0

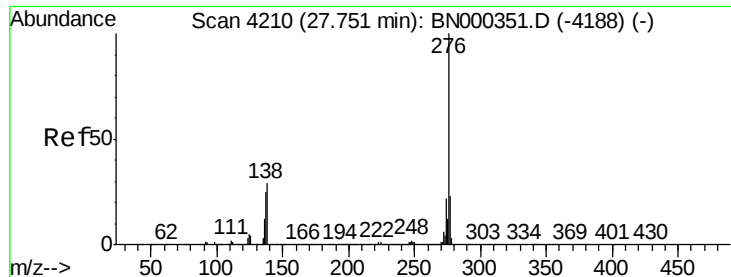


#28

Dibenzo(a,h)anthracene
Concen: 1.470 ng/ul
RT: 26.95 min Scan# 4074
Delta R.T. -0.01 min
Lab File: BN000358.D
Acq: 13 Mar 2018 20:27

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.2	18.4#
279	25.4	19.2	28.8





#29

Benzo(a,h,i)perylene

Concen: 7.231 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000358.D

Acq: 13 Mar 2018 20:27

Instrument :

BNA_N

ClientSampleId :

DAM92

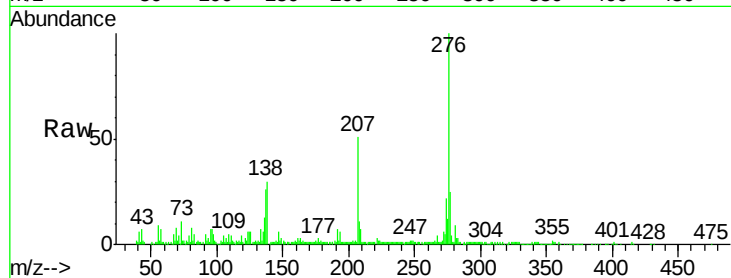
Tot Ion:276 Resp: 425766

Ion Ratio Lower Upper

276 100

138 29.8 15.3 22.9#

277 24.6 19.0 28.4



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

