

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031318\
 Data File : BN000353.D
 Acq On : 13 Mar 2018 17:34
 Operator : JU/SJ
 Sample : J1845-03MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAM91MSD

Quant Time: Mar 14 08:13:11 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	154644	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	754469	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	436996	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1019661	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1168761	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1120061	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.76	160	1853795	42.74	ng/ul	0.00
10) Fluorene-d10	16.05	176	1239551	42.20	ng/ul	0.00
14) Anthracene-d10	17.88	188	2019132	42.38	ng/ul	0.00
18) Pyrene-d10	20.14	212	2399695	41.97	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	2176393	42.55	ng/ul	0.00

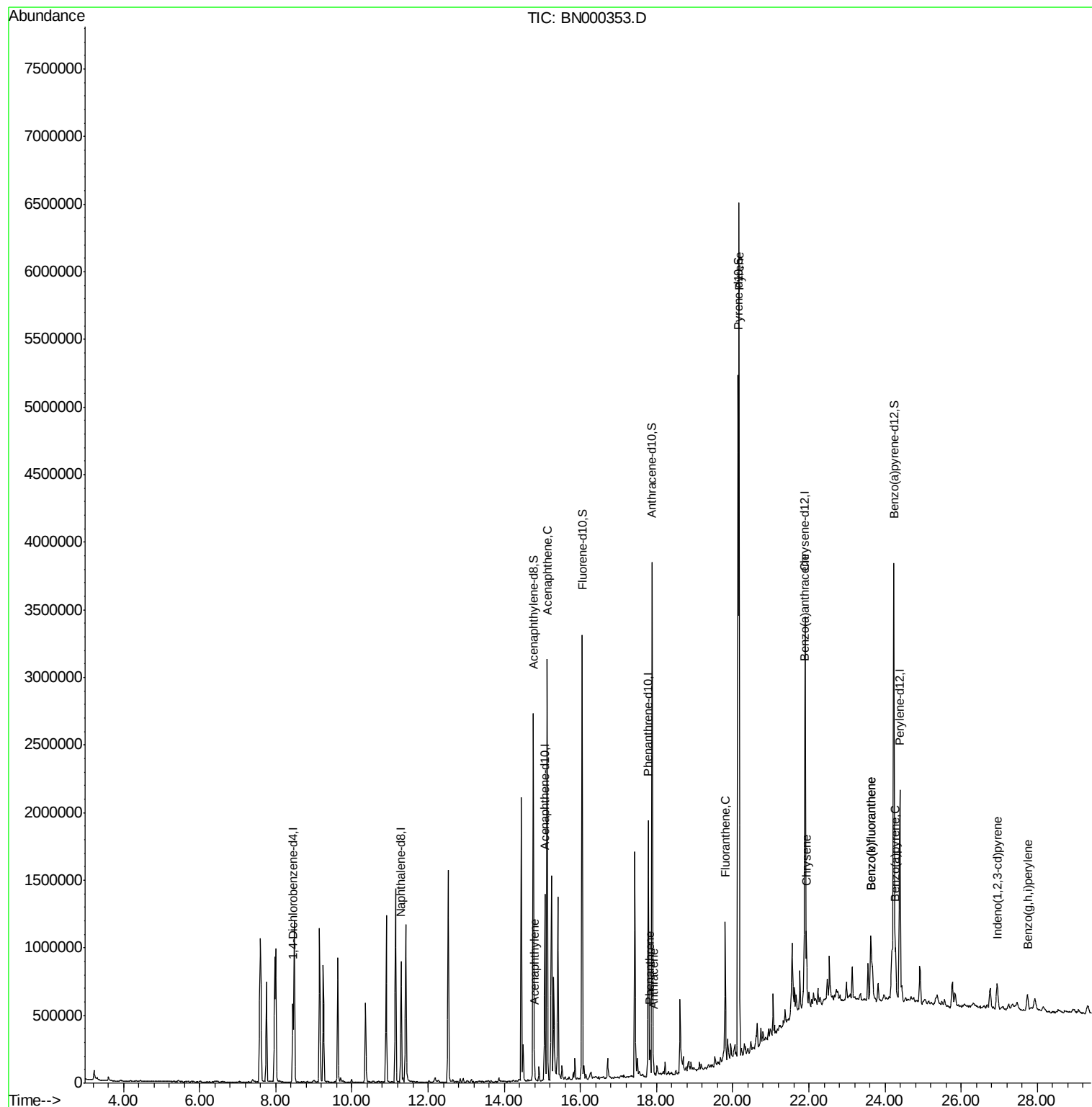
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	14.79	152	87647	2.011	ng/ul	97
9) Acenaphthene	15.13	153	1255050	41.373	ng/ul	96
13) Phenanthrene	17.83	178	99989	1.710	ng/ul	99
15) Anthracene	17.92	178	62289	1.050	ng/ul	97
16) Fluoranthene	19.80	202	553396	8.759	ng/ul#	94
19) Pyrene	20.17	202	3521212	47.719	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	327907	4.513	ng/ul	96
21) Chrysene	21.94	228	302903	4.393	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	411841	6.166	ng/ul#	95
24) Benzo(k)fluoranthene	23.63	252	382705	6.121	ng/ul#	95
26) Benzo(a)pyrene	24.28	252	258142	4.061	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.94	276	166173	2.425	ng/ul#	87
29) Benzo(a,h,i)perylene	27.74	276	157210	2.747	ng/ul#	88

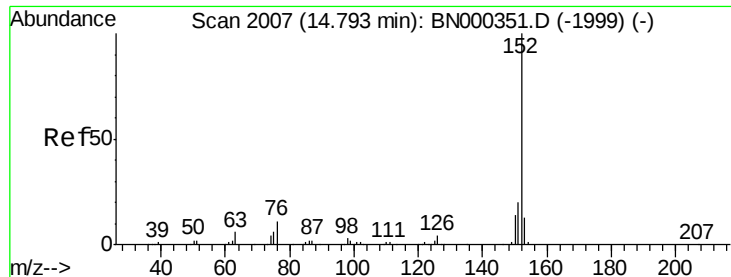
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 2.011 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

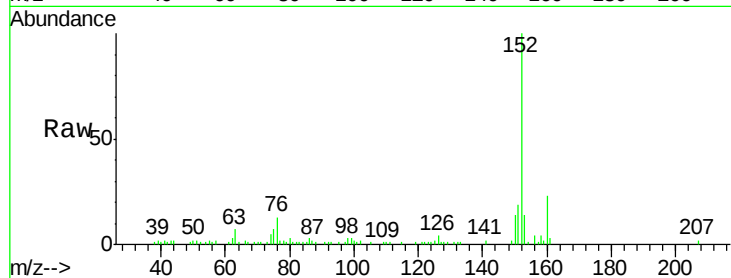
BNA_N

ClientSampleId :

DAM91MSD

Tot Ion:152 Resp: 87647

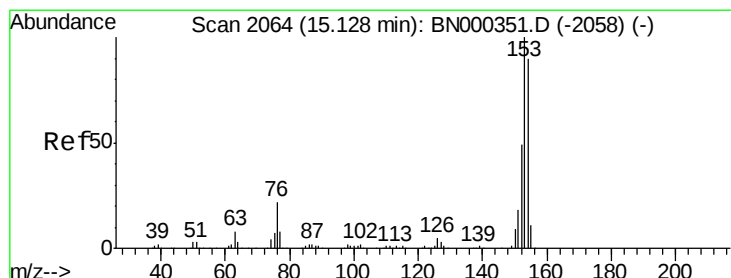
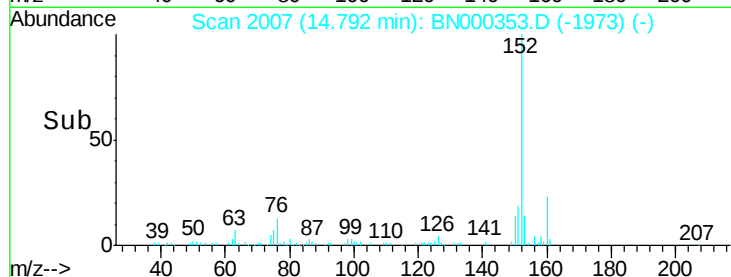
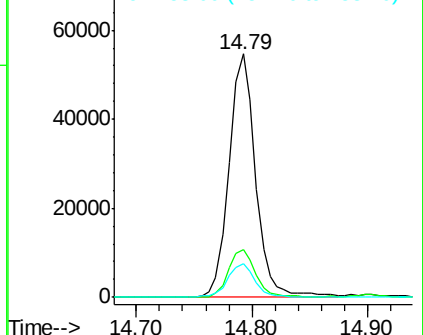
Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.7	25.1
153	14.0	10.2	15.4



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



#9

Acenaphthene

Concen: 41.373 ng/ul

RT: 15.13 min Scan# 2064

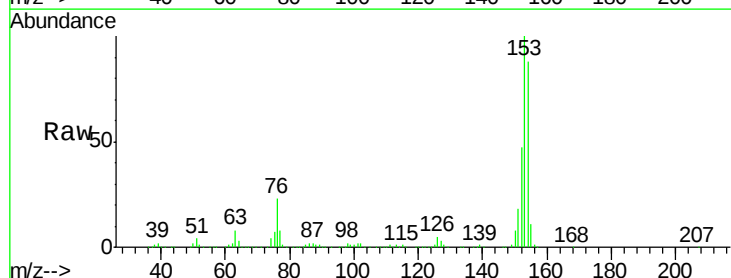
Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Tgt Ion:153 Resp: 1255050

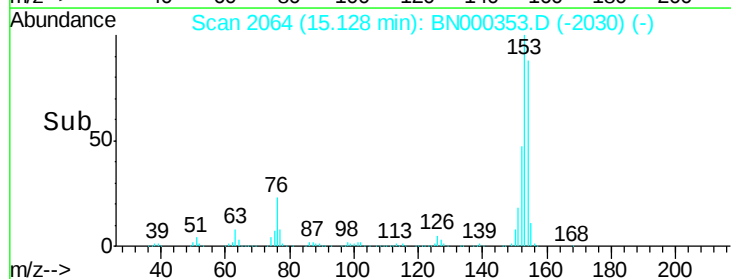
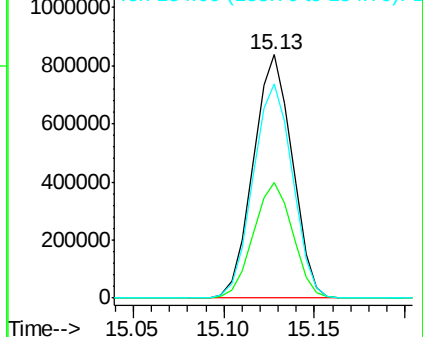
Ion	Ratio	Lower	Upper
153	100		
152	47.3	39.0	58.6
154	88.1	66.8	100.2

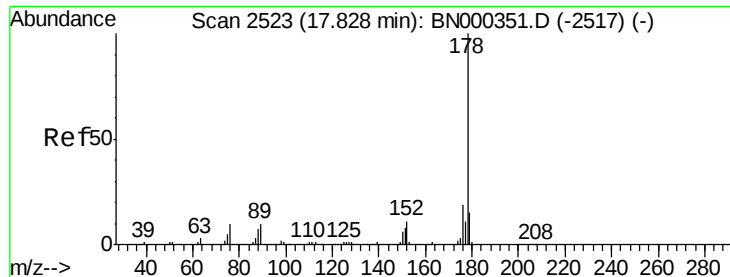


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#13

Phenanthrene

Concen: 1.710 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

ClientSampleId :

DAM91MSD

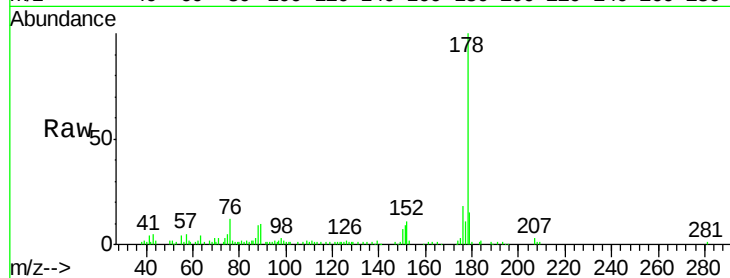
Tot Ion:178 Resp: 99989

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

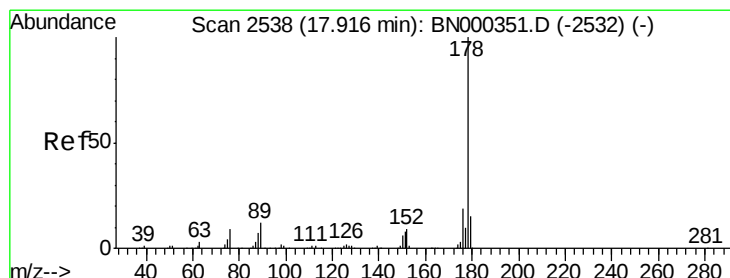
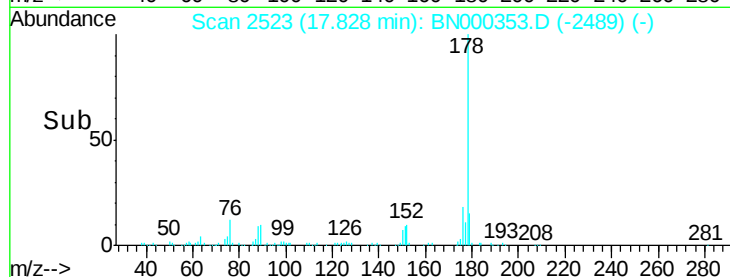
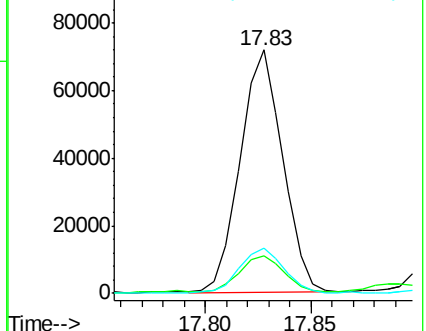
176 18.4 15.1 22.7



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: 1.050 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

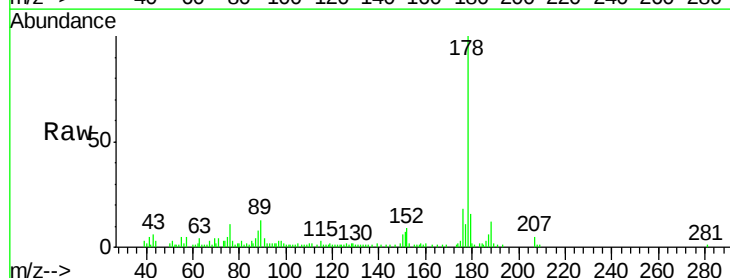
Tgt Ion:178 Resp: 62289

Ion Ratio Lower Upper

178 100

179 16.3 11.8 17.8

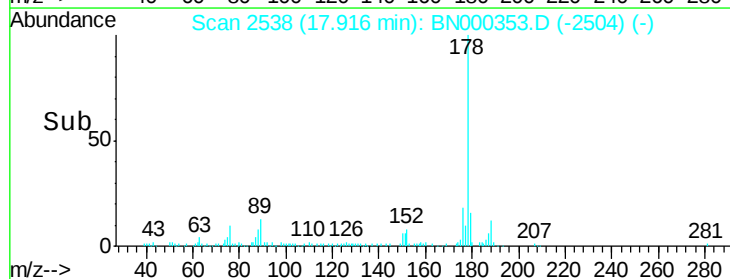
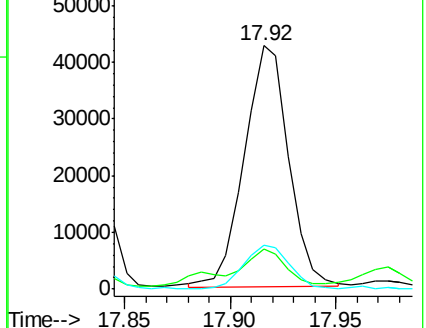
176 18.2 15.2 22.8

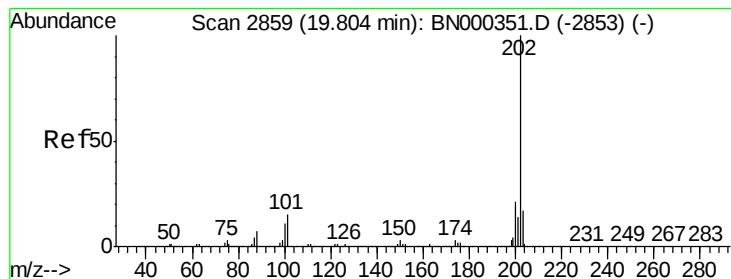


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 8.759 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

ClientSampled :

DAM91MSD

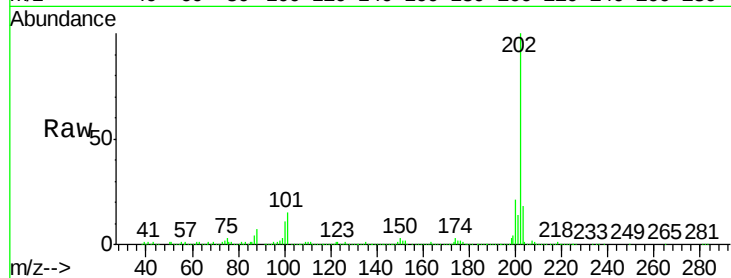
Tot Ion:202 Resp: 553396

Ion Ratio Lower Upper

202 100

101 15.1 9.9 14.9#

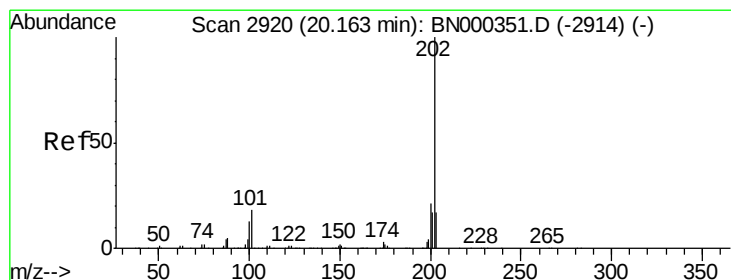
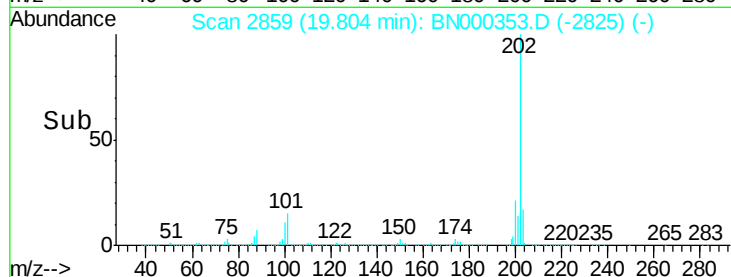
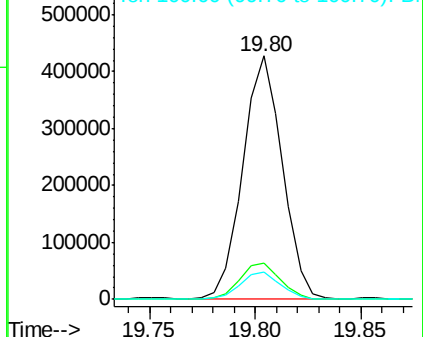
100 11.3 7.4 11.0#



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

Pyrene

Concen: 47.719 ng/ul

RT: 20.17 min Scan# 2921

Delta R.T. 0.01 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

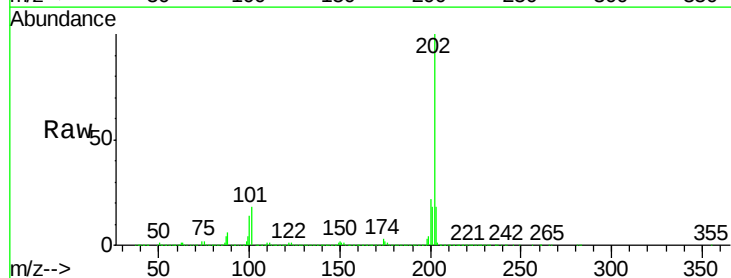
Tgt Ion:202 Resp: 3521212

Ion Ratio Lower Upper

202 100

101 17.6 11.0 16.4#

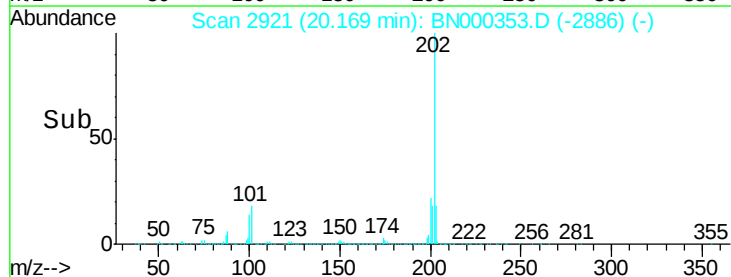
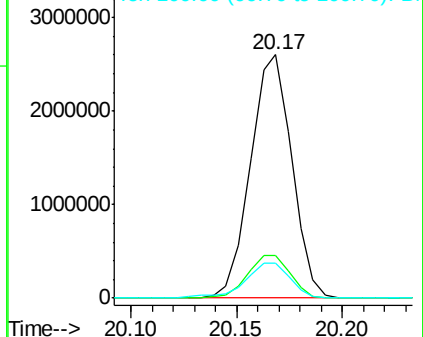
100 14.4 8.1 12.1#

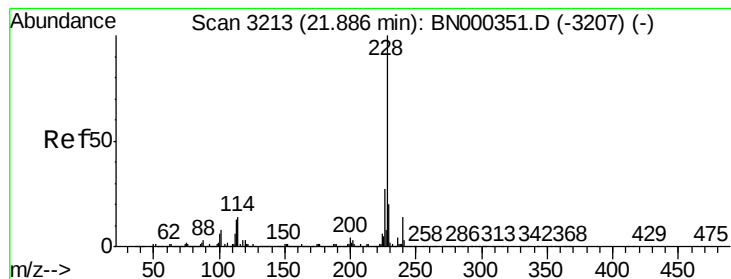


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

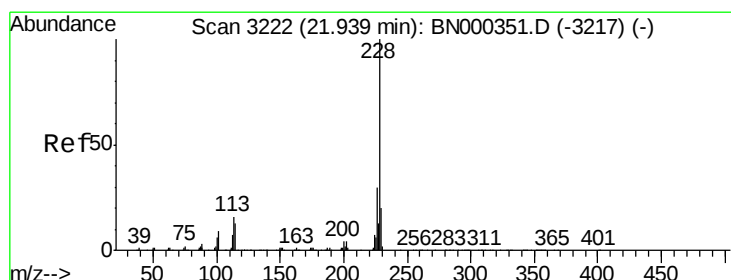
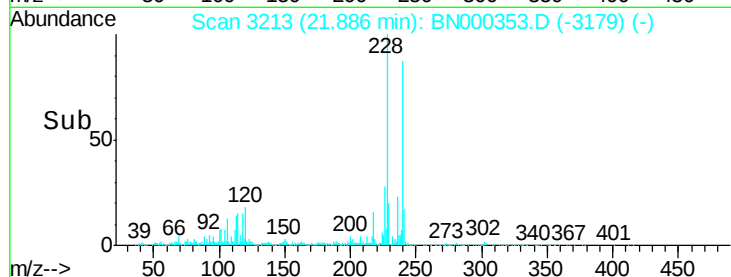
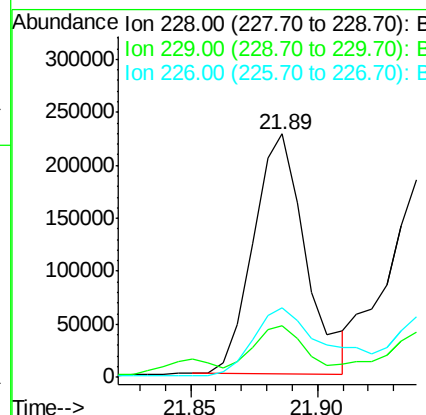
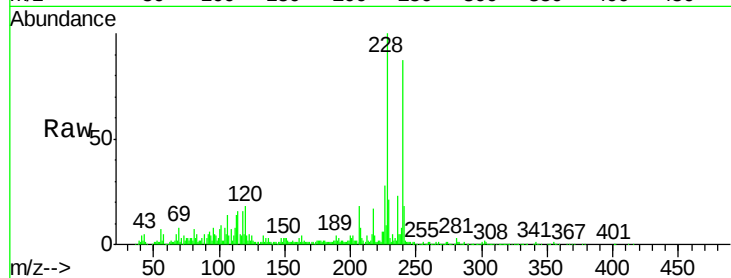




#20
Benzo(a)anthracene
Concen: 4.513 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

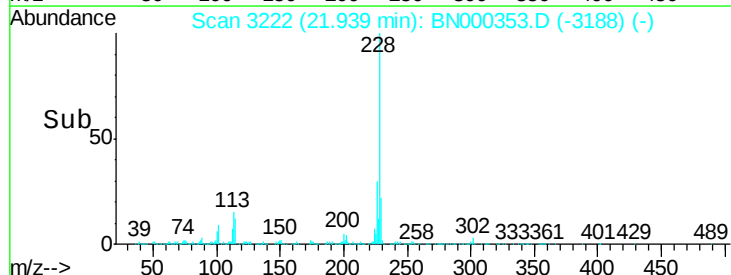
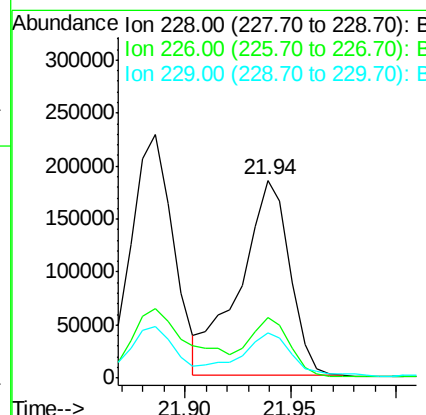
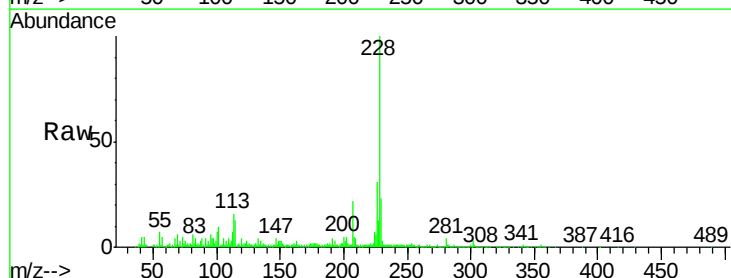
Instrument :
BNA_N
ClientSampleId :
DAM91MSD

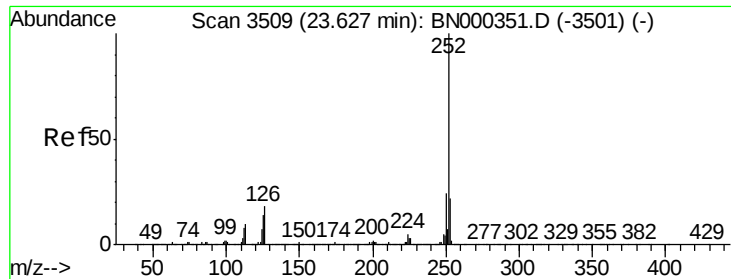
Tot Ion:228 Resp: 327907
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 28.4 21.1 31.7



#21
Chrysene
Concen: 4.393 ng/ul
RT: 21.94 min Scan# 3222
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion:228 Resp: 302903
Ion Ratio Lower Upper
228 100
226 30.6 24.5 36.7
229 23.0 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 6.166 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.00 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

ClientSampleId :

DAM91MSD

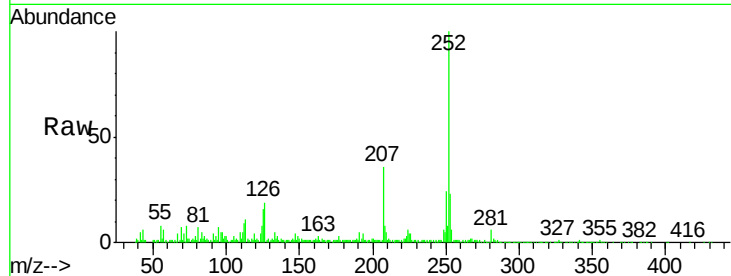
Tot Ion:252 Resp: 411841

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

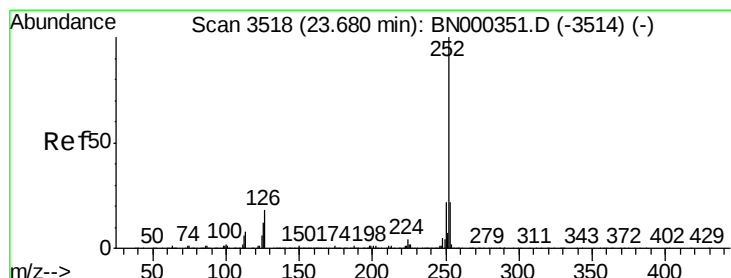
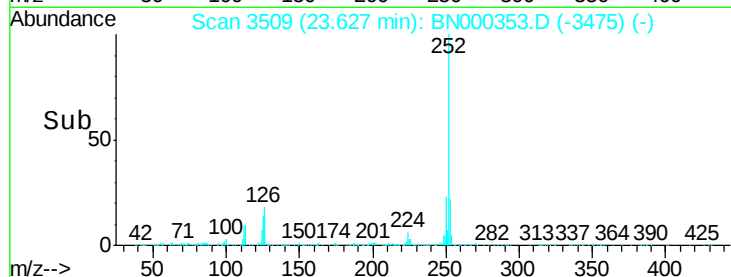
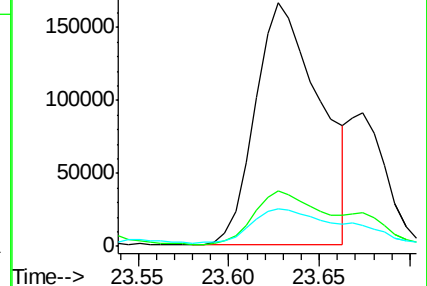
125 15.5 8.0 12.0#



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: 6.121 ng/ul

RT: 23.63 min Scan# 3509

Delta R.T. -0.05 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

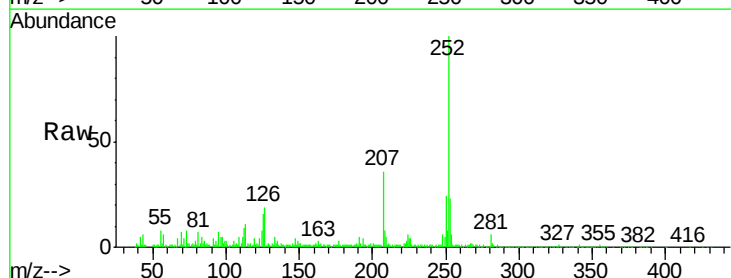
Tgt Ion:252 Resp: 382705

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

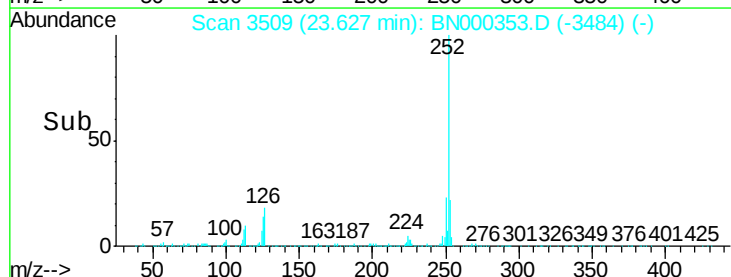
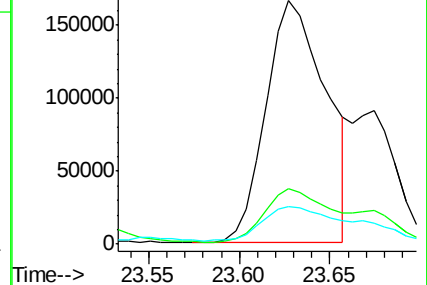
125 15.5 8.1 12.1#

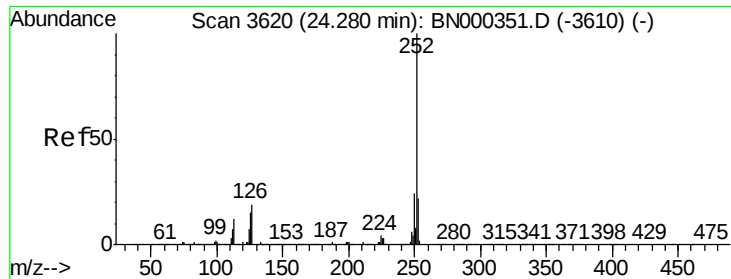


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

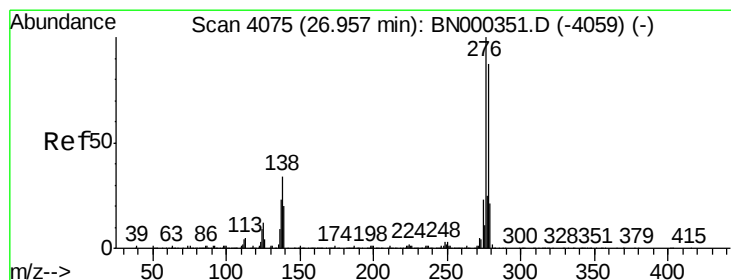
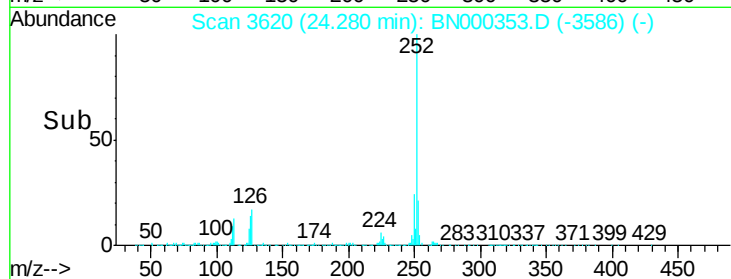
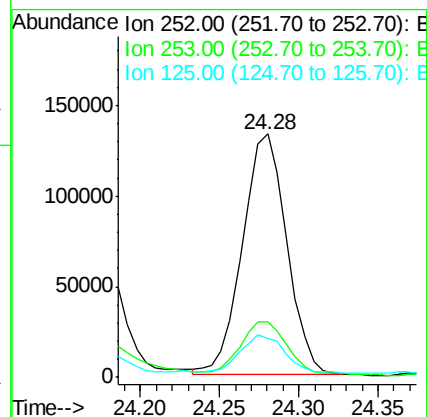
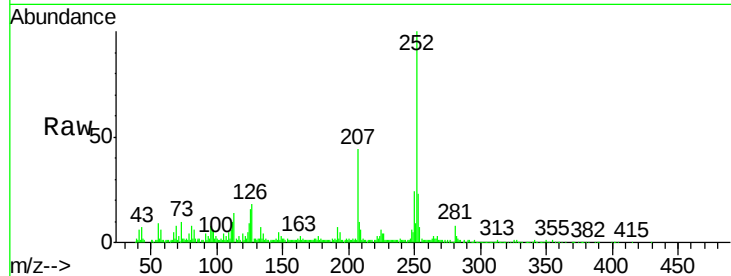




#26
Benzo(a)pyrene
Concen: 4.061 ng/ul
RT: 24.28 min Scan# 3620
Delta R.T. -0.00 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

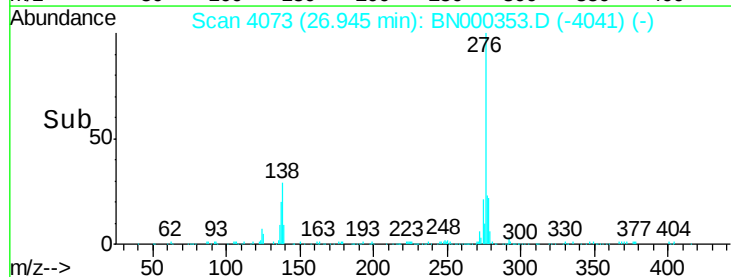
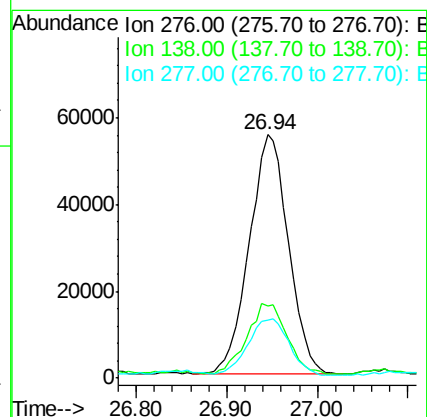
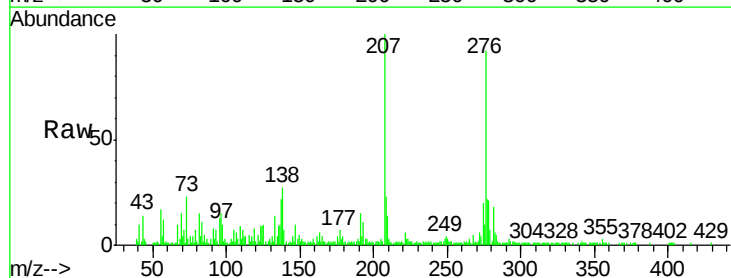
Instrument :
BNA_N
ClientSampleId :
DAM91MSD

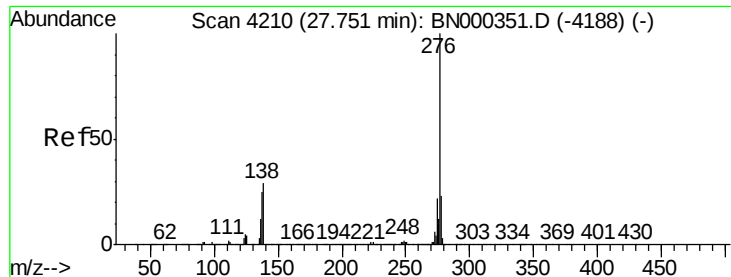
Tot Ion:252 Resp: 258142
Ion Ratio Lower Upper
252 100
253 22.8 17.2 25.8
125 16.2 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.425 ng/ul
RT: 26.94 min Scan# 4073
Delta R.T. -0.01 min
Lab File: BN000353.D
Acq: 13 Mar 2018 17:34

Tgt Ion:276 Resp: 166173
Ion Ratio Lower Upper
276 100
138 29.5 14.4 21.6#
277 23.7 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.747 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000353.D

Acq: 13 Mar 2018 17:34

Instrument :

BNA_N

ClientSampleId :

DAM91MSD

Tot Ion: 276 Resp: 157210

Ion Ratio Lower Upper

276 100

138 30.9 15.3 22.9#

277 23.8 19.0 28.4

