

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001079.D
 Acq On : 02 May 2018 20:09
 Operator : JU/SJ
 Sample : J2527-16
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:26:22 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	118348	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	498195	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	241362	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	459623	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	431008	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	466210	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	507390	21.89	ng/ul	0.00
10) Fluorene-d10	15.25	176	338061	21.85	ng/ul	0.00
14) Anthracene-d10	17.10	188	473818	22.54	ng/ul	0.00
18) Pyrene-d10	19.41	212	488229	22.11	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	528866	24.01	ng/ul	0.00

Target Compounds

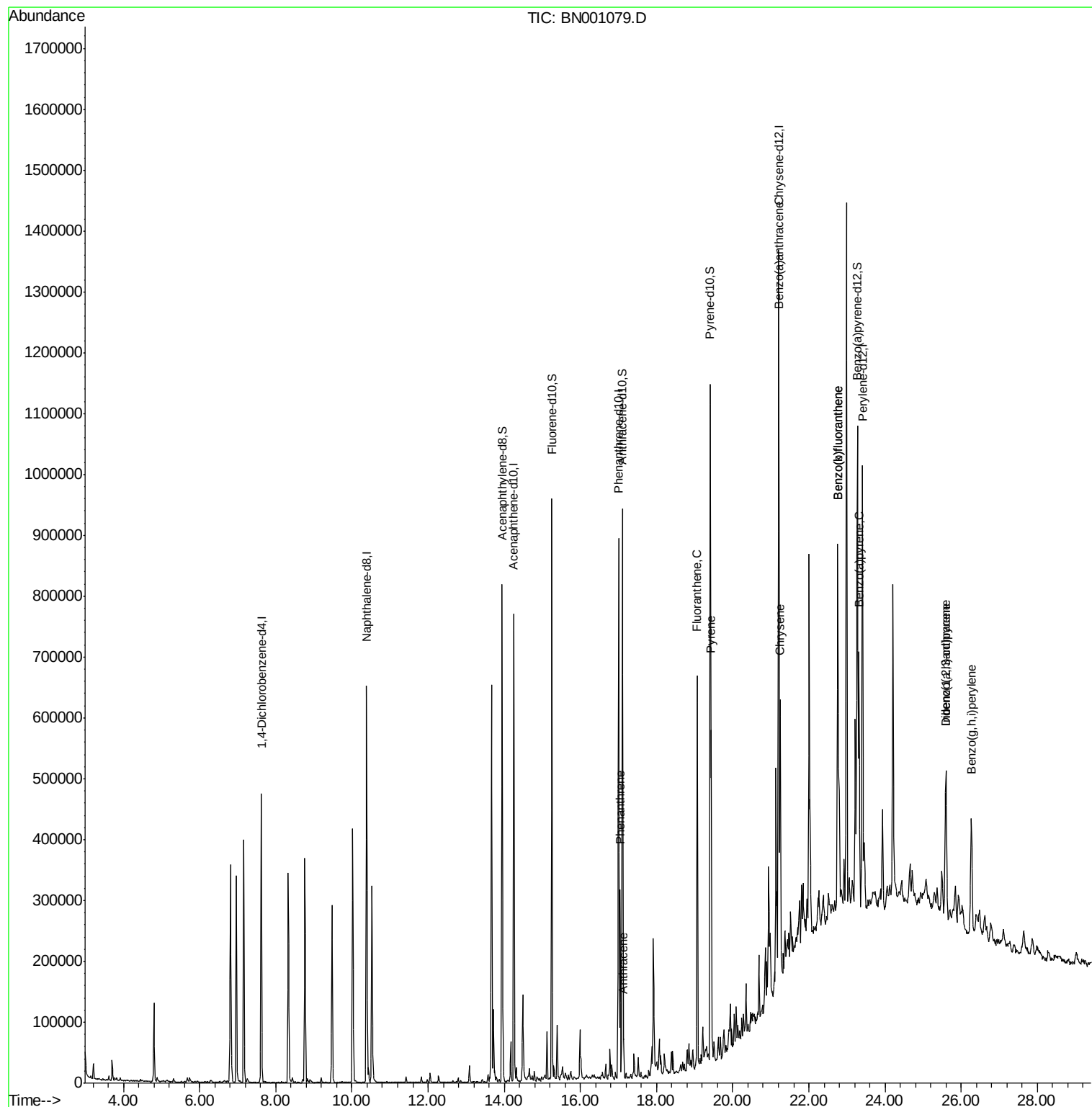
					Ovalue	
13) Phenanthrene	17.05	178	168672	6.729	ng/ul	99
15) Anthracene	17.14	178	35789	1.423	ng/ul	98
16) Fluoranthene	19.07	202	352326	13.853	ng/ul#	92
19) Pyrene	19.43	202	308068	11.128	ng/ul#	89
20) Benzo(a)anthracene	21.20	228	210821	8.183	ng/ul	94
21) Chrysene	21.24	228	226628	9.359	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	502570	18.969	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	507960	19.593	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	241525	9.539	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.60	276	200760	6.564	ng/ul#	89
28) Dibenzo(a,h)anthracene	25.60	278	57337	2.249	ng/ul#	86
29) Benzo(g,h,i)perylene	26.26	276	199658	7.806	ng/ul#	92

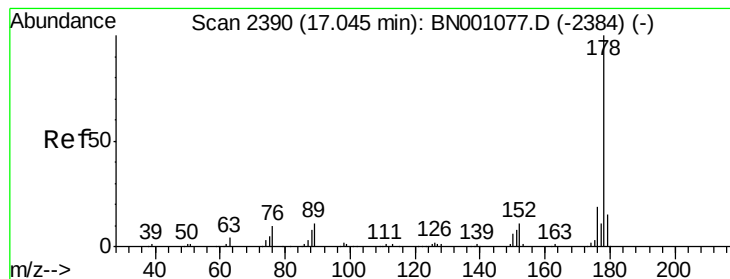
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 03 08:25:51 2018
Response via : Initial Calibration





#13

Phenanthrene

Concen: 6.729 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

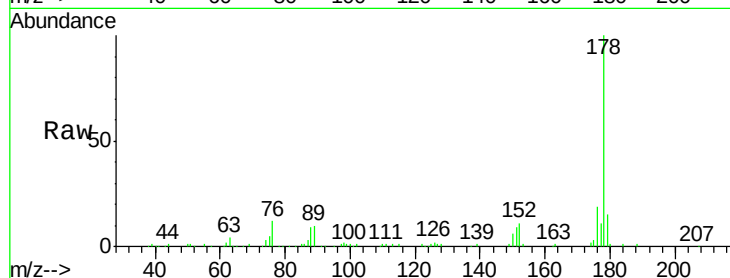
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 168672

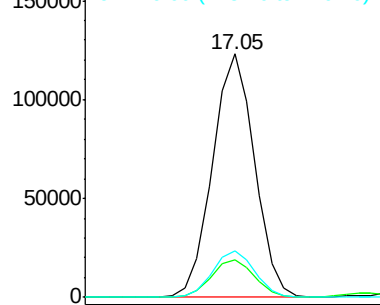
Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.1	22.7



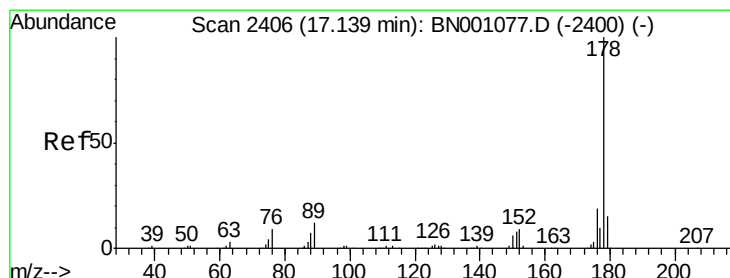
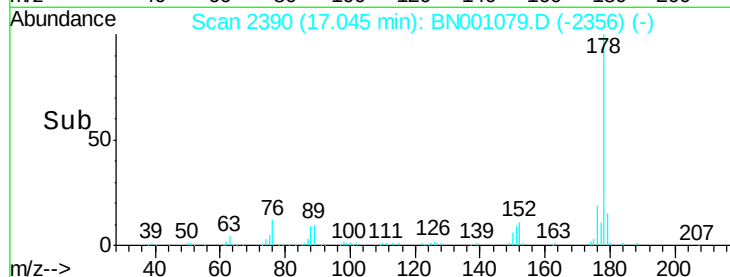
Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#15

Anthracene

Concen: 1.423 ng/ul

RT: 17.14 min Scan# 2406

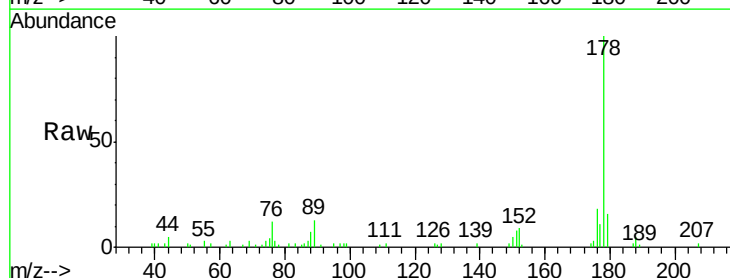
Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

Tgt Ion:178 Resp: 35789

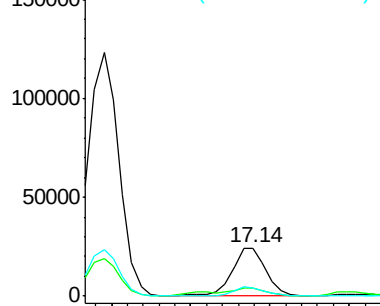
Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	18.0	15.2	22.8



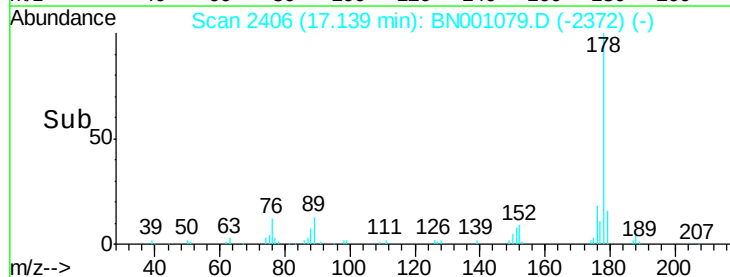
Abundance Ion 178.00 (177.70 to 178.70): E

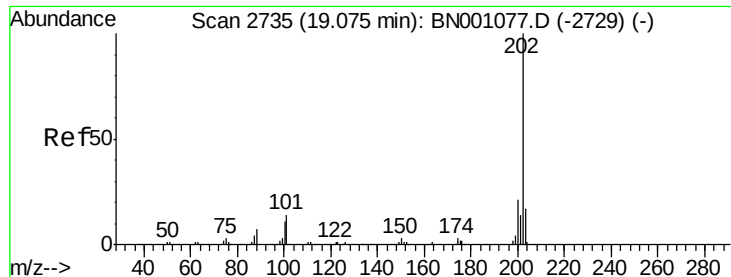
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

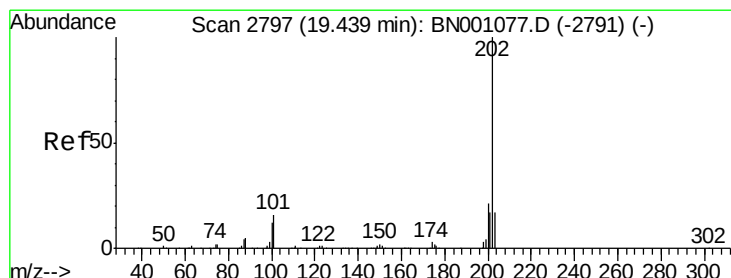
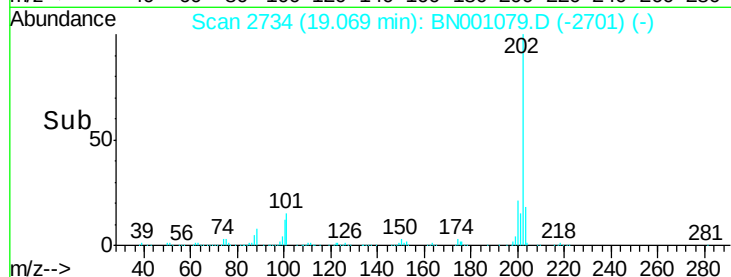
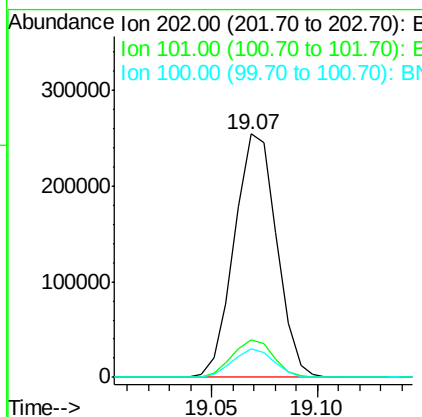
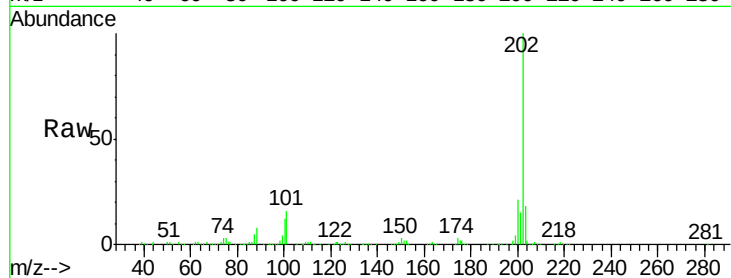




#16
Fluoranthene
Concen: 13.853 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

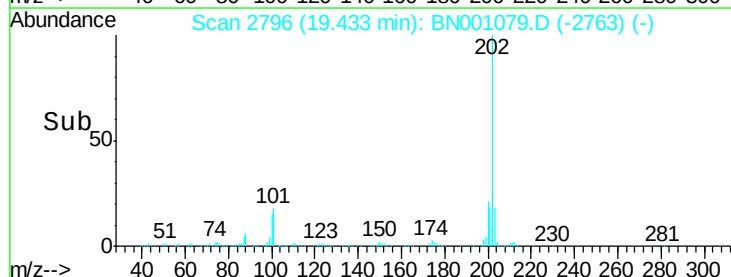
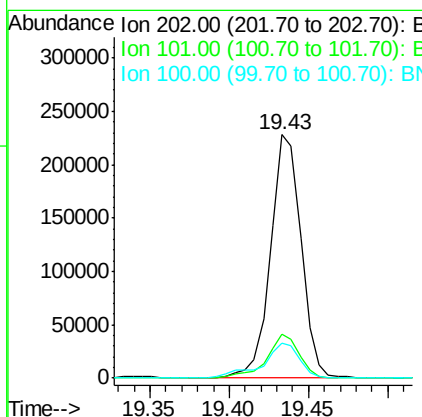
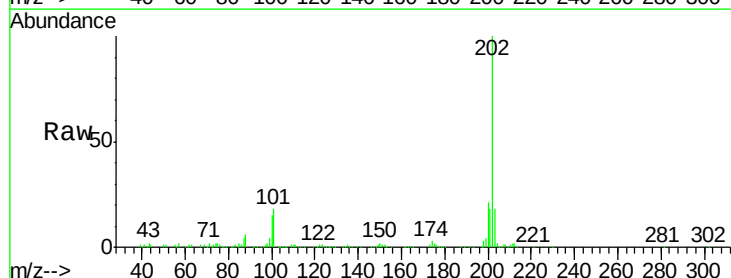
Instrument :
BNA_N
ClientSampleId :

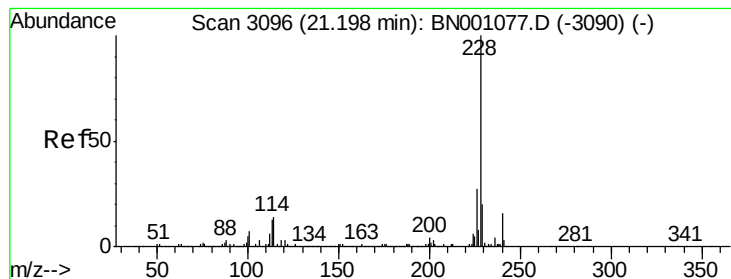
Tot Ion:202 Resp: 352326
Ion Ratio Lower Upper
202 100
101 15.7 9.9 14.9#
100 11.9 7.4 11.0#



#19
Pyrene
Concen: 11.128 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BN001079.D
Acq: 02 May 2018 20:09

Tgt Ion:202 Resp: 308068
Ion Ratio Lower Upper
202 100
101 17.9 11.0 16.4#
100 14.6 8.1 12.1#





#20

Benzo(a)anthracene

Concen: 8.183 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

Instrument :

BNA_N

ClientSampleId :

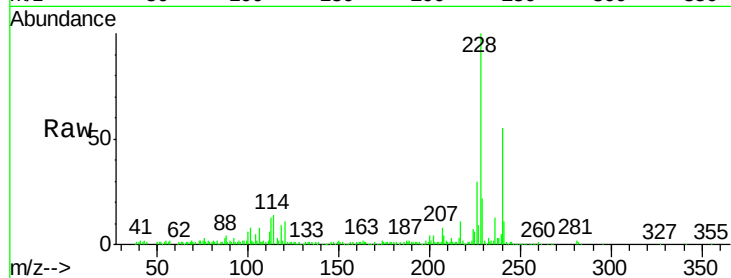
Tot Ion:228 Resp: 210821

Ion Ratio Lower Upper

228 100

229 21.6 15.7 23.5

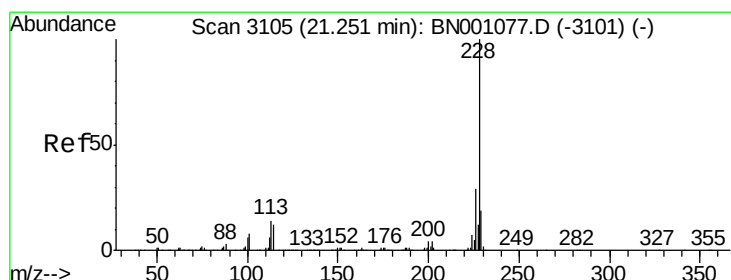
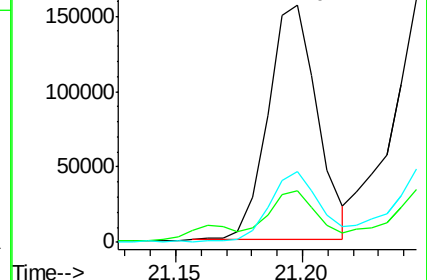
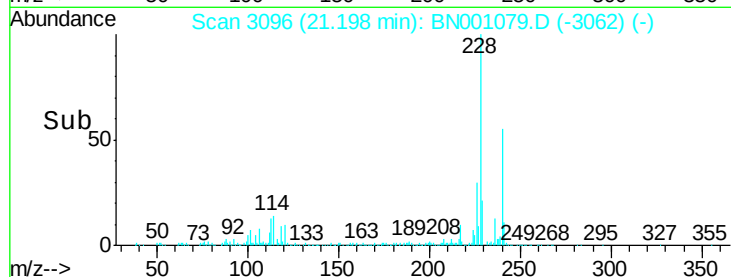
226 29.7 21.1 31.7



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: 9.359 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

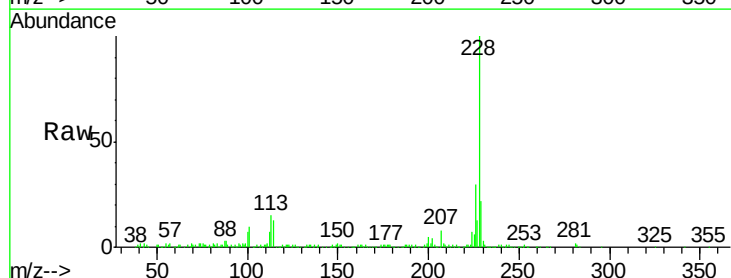
Tgt Ion:228 Resp: 226628

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

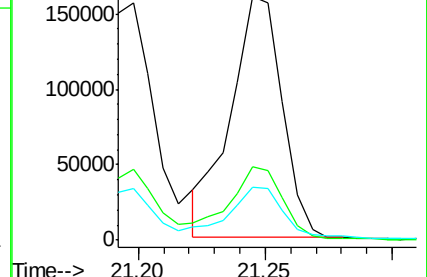
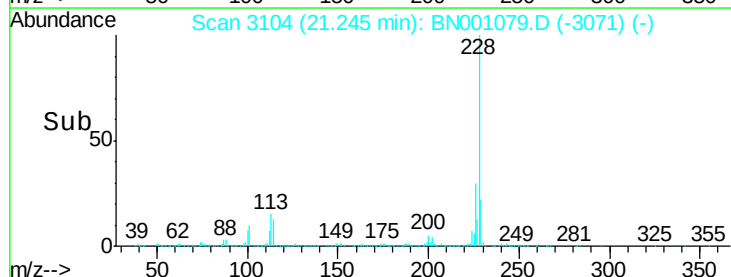
229 21.9 15.8 23.8

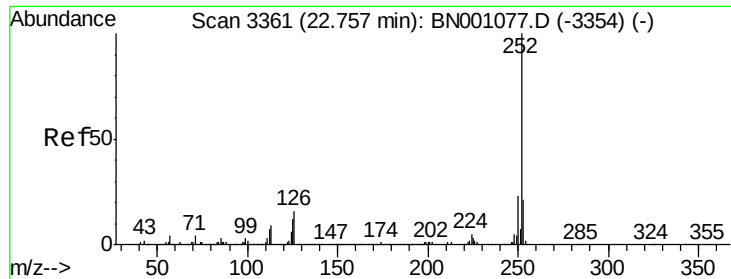


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 18.969 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

Instrument :

BNA_N

ClientSampled :

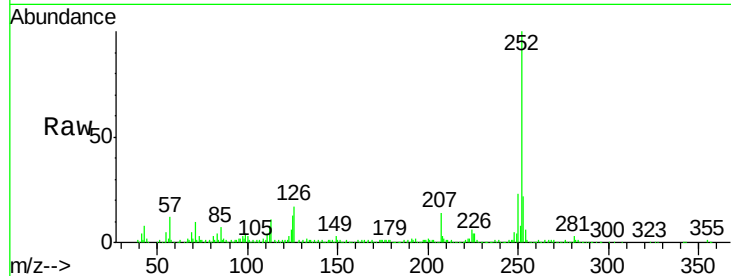
Tot Ion:252 Resp: 502570

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

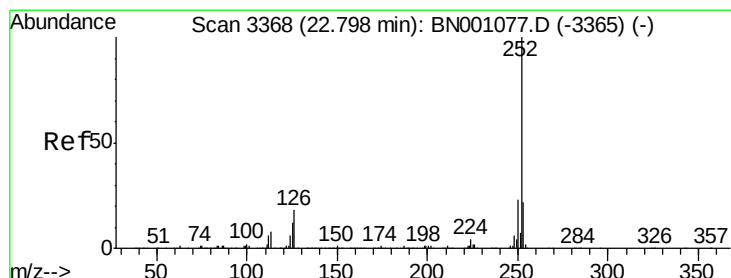
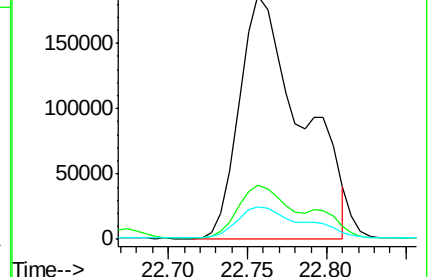
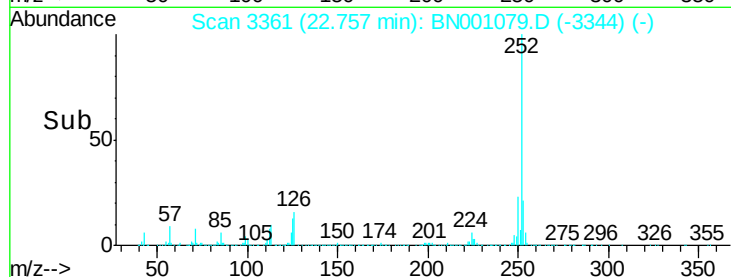
125 13.4 8.0 12.0#



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: 19.593 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

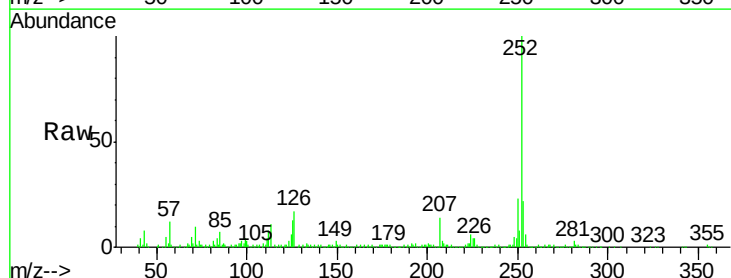
Tgt Ion:252 Resp: 507960

Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

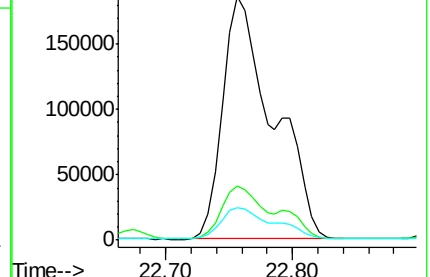
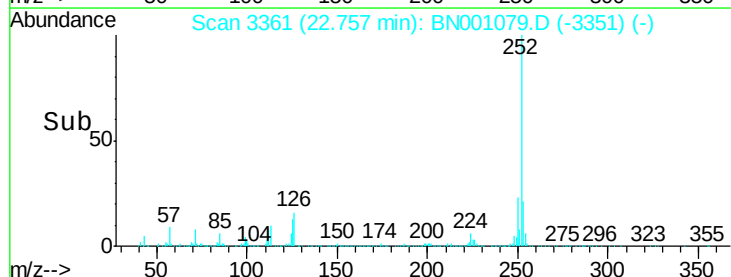
125 13.4 8.1 12.1#

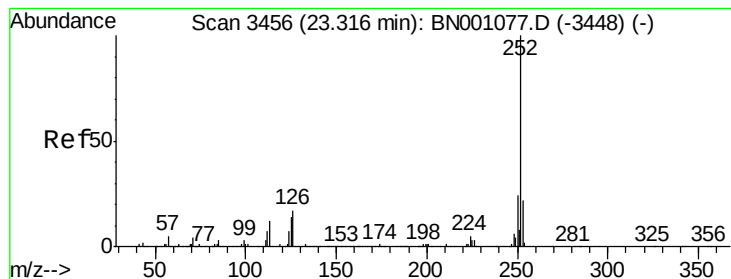


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 9.539 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

Instrument :

BNA_N

ClientSampleId :

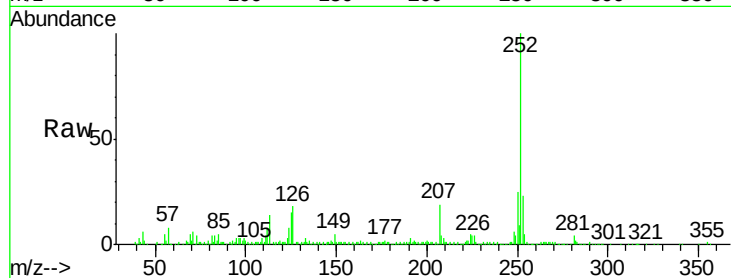
Tot Ion:252 Resp: 241525

Ion Ratio Lower Upper

252 100

253 22.9 17.2 25.8

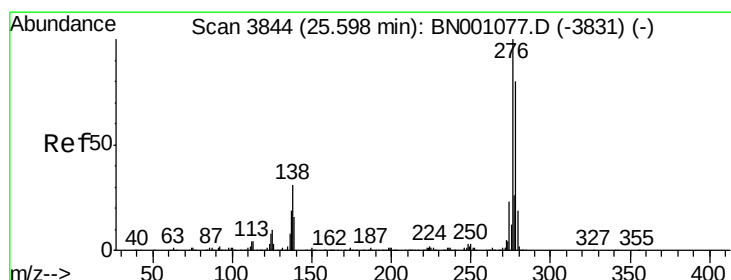
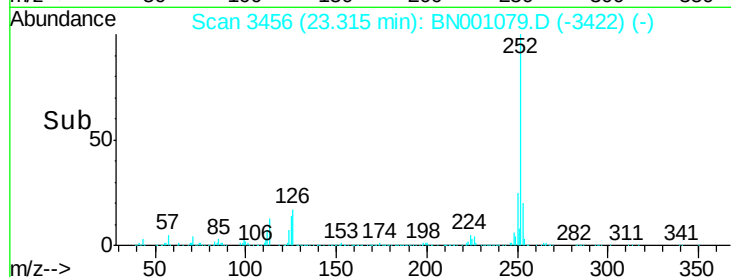
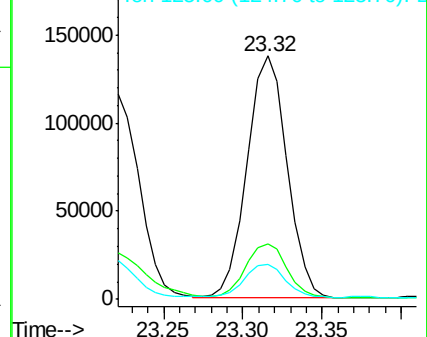
125 14.6 8.2 12.4#



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: 6.564 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

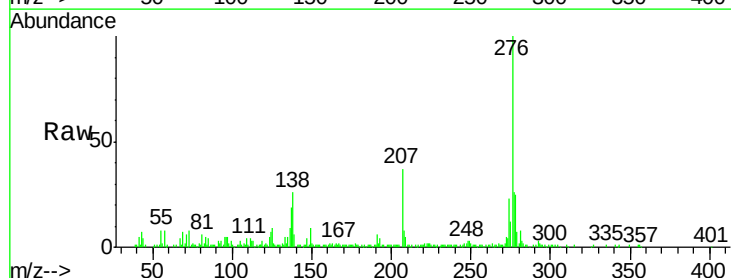
Tgt Ion:276 Resp: 200760

Ion Ratio Lower Upper

276 100

138 25.6 14.4 21.6#

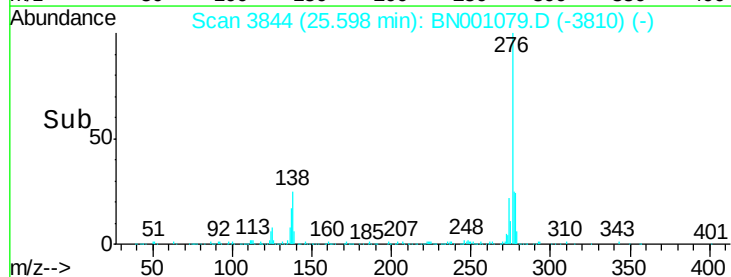
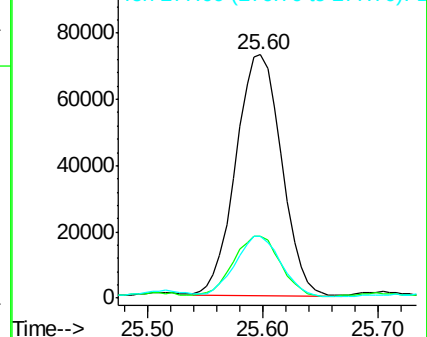
277 25.5 18.0 27.0

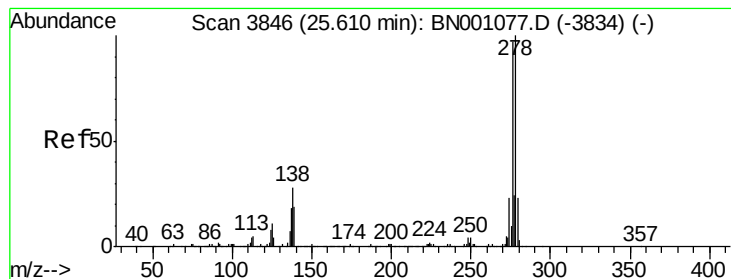


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 2.249 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.01 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

Instrument :

BNA_N

ClientSampleId :

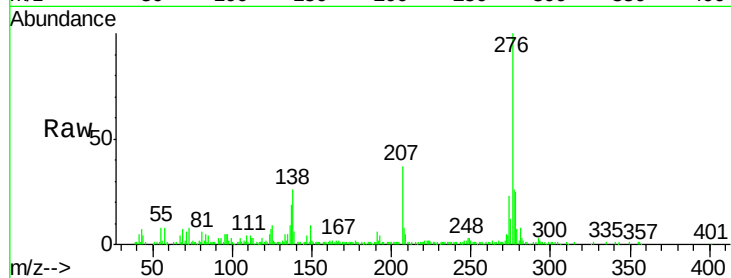
Tot Ion:278 Resp: 57337

Ion Ratio Lower Upper

278 100

139 26.1 12.2 18.4#

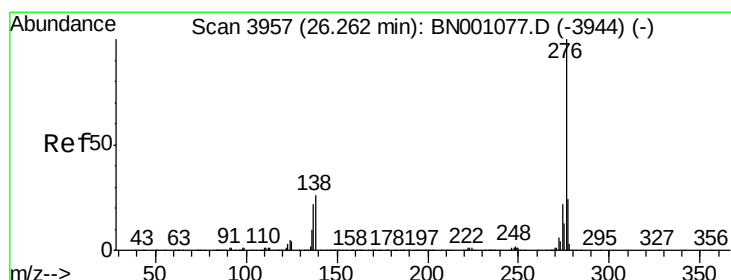
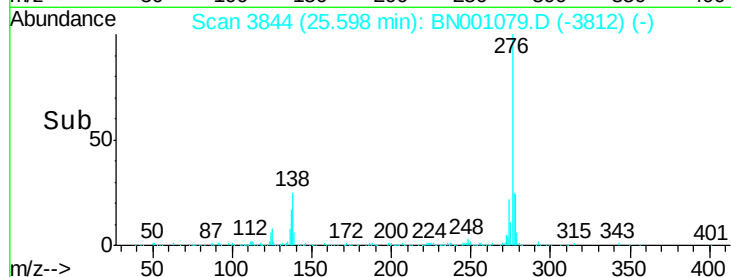
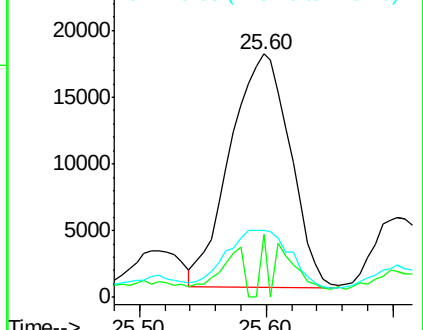
279 27.5 19.2 28.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#29

Benzo(g,h,i)perylene

Concen: 7.806 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. -0.00 min

Lab File: BN001079.D

Acq: 02 May 2018 20:09

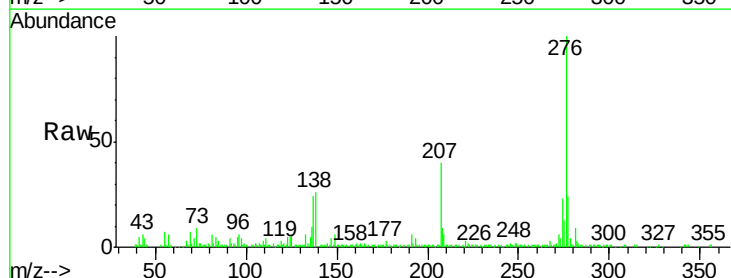
Tgt Ion:276 Resp: 199658

Ion Ratio Lower Upper

276 100

138 26.4 15.3 22.9#

277 24.4 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

