

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141542	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	586477	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	298879	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	605443	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	563236	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	599177	20.00	ng/ul	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	589969	20.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	417903	21.81	ng/ul	0.00
14) Anthracene-d10	17.10	188	615633	22.24	ng/ul	0.00
18) Pyrene-d10	19.40	212	642424	22.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	671342	23.72	ng/ul	0.01

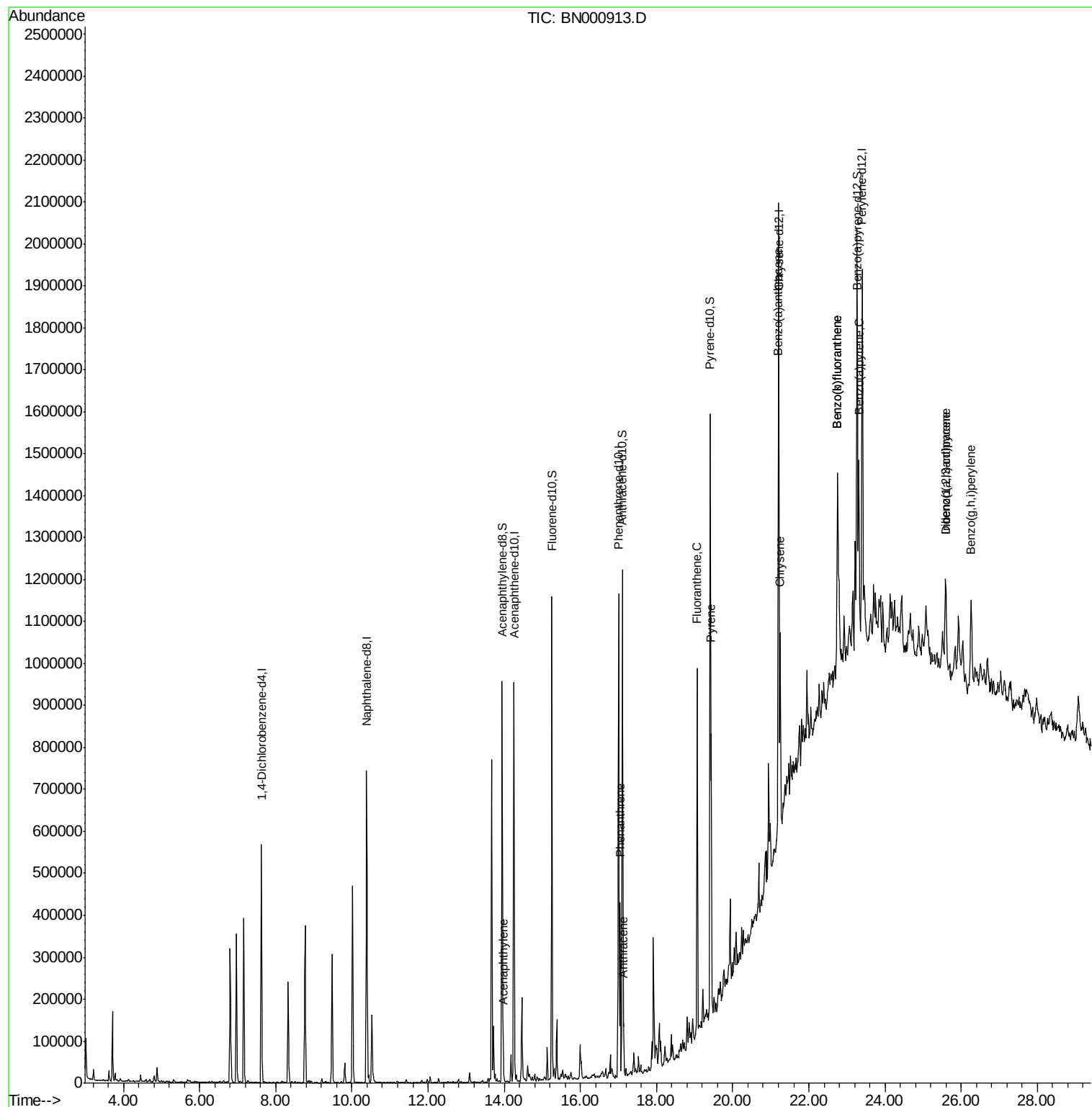
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	13.97	152	30395	1.070	ng/ul	98
13) Phenanthrene	17.05	178	226408	6.856	ng/ul	99
15) Anthracene	17.13	178	67536	2.039	ng/ul	98
16) Fluoranthene	19.07	202	459167	13.705	ng/ul#	94
19) Pyrene	19.43	202	420042	11.611	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	256639	7.622	ng/ul	96
21) Chrysene	21.24	228	258621	8.172	ng/ul	96
23) Benzo(b)fluoranthene	22.75	252	474878	13.946	ng/ul#	94
24) Benzo(k)fluoranthene	22.75	252	465197	13.961	ng/ul#	94
26) Benzo(a)pyrene	23.31	252	241387	7.418	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	168748	4.293	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.59	278	48397	1.477	ng/ul#	69
29) Benzo(a,h,i)perylene	26.26	276	181105	5.509	ng/ul#	89

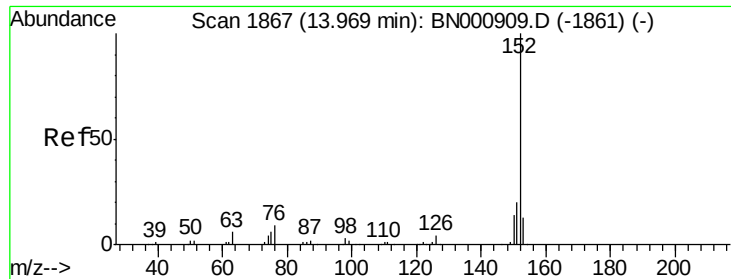
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 26 08:36:26 2018
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#8

Acenaphthylene

Concen: 1.070 ng/ul

RT: 13.97 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampled :

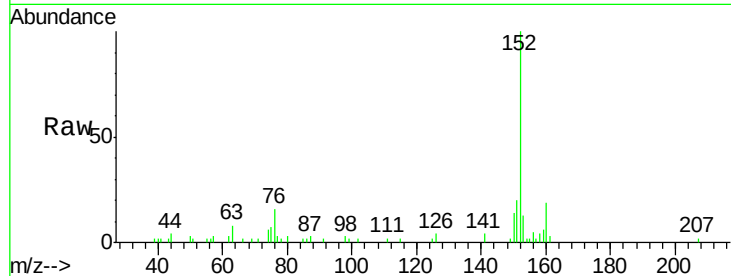
Tot Ion:152 Resp: 30395

Ion Ratio Lower Upper

152 100

151 19.8 16.7 25.1

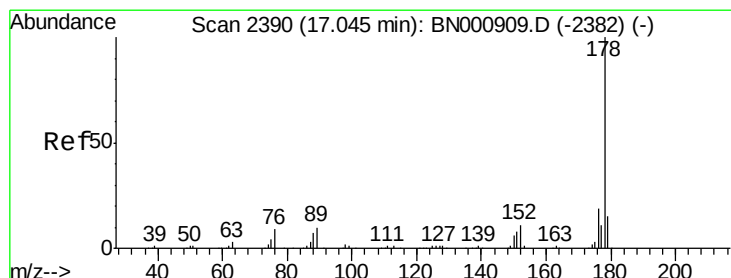
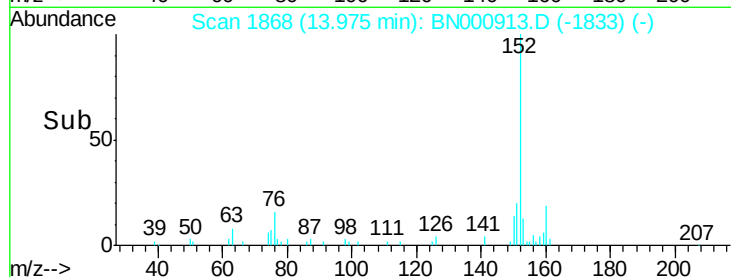
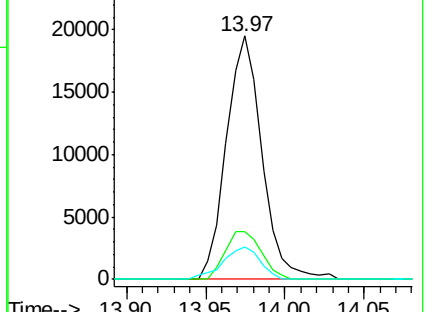
153 13.2 10.2 15.4



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: 6.856 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

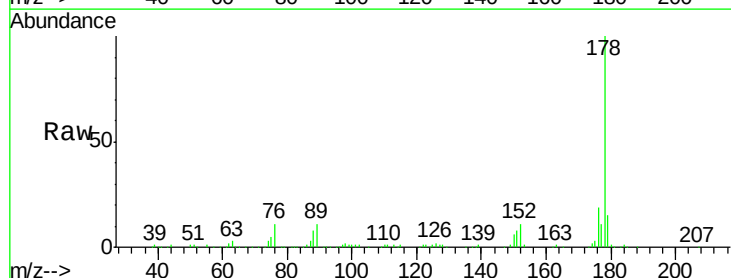
Tgt Ion:178 Resp: 226408

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

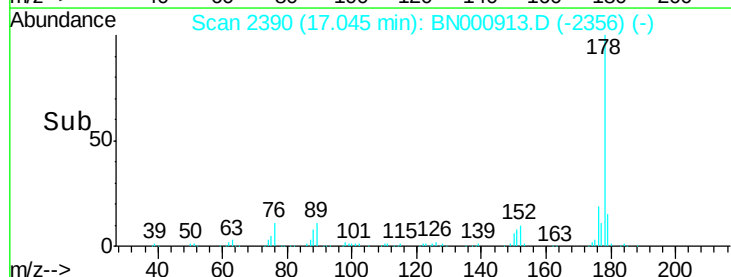
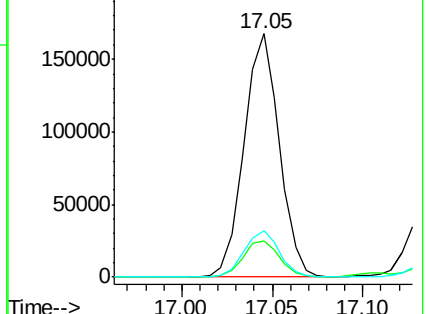
176 19.1 15.1 22.7

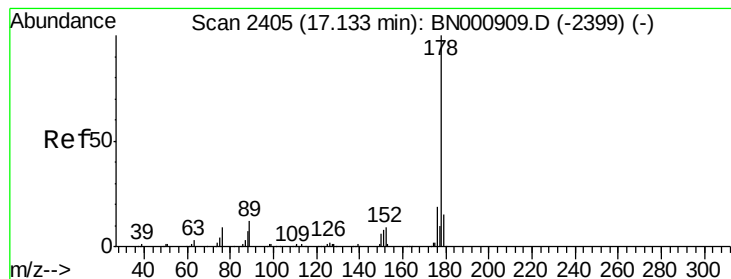


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 2.039 ng/ul

RT: 17.13 min Scan# 2405

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampleId :

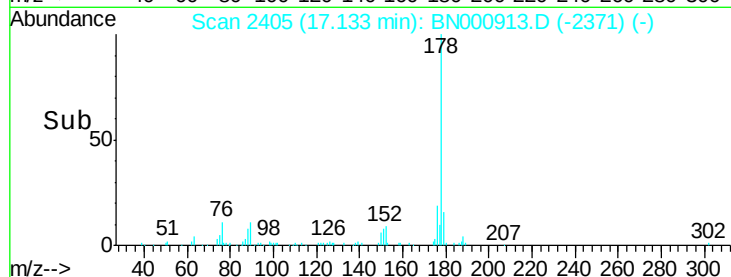
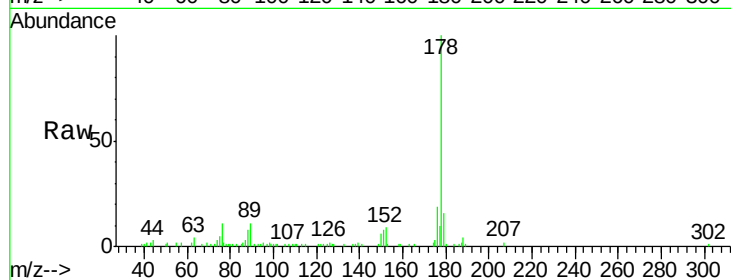
Tot Ion:178 Resp: 67536

Ion	Ratio	Lower	Upper
178	100		
179	16.0	11.8	17.8
176	18.7	15.2	22.8

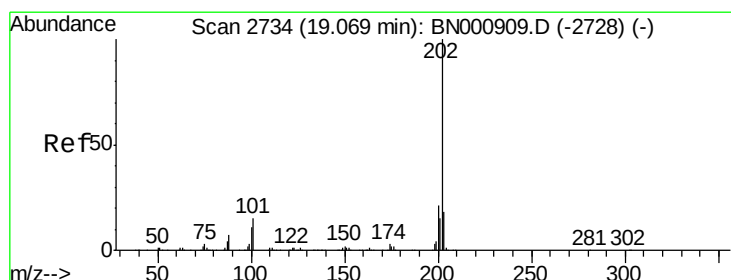
178 100

179 16.0 11.8 17.8

176 18.7 15.2 22.8



Time-->



#16

Fluoranthene

Concen: 13.705 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

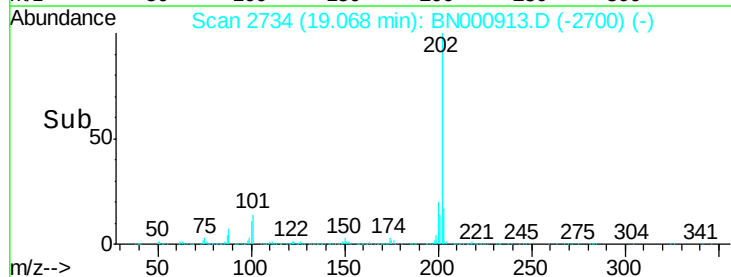
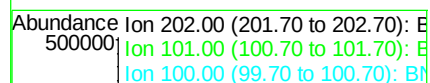
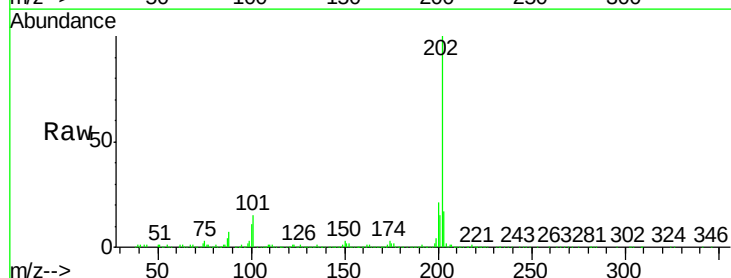
Tgt Ion:202 Resp: 459167

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.9	14.9
100	11.5	7.4	11.0

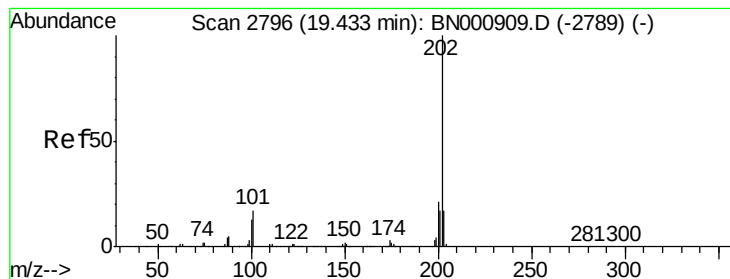
202 100

101 14.8 9.9 14.9

100 11.5 7.4 11.0



Time-->



#19

Pvrene

Concen: 11.611 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampleId :

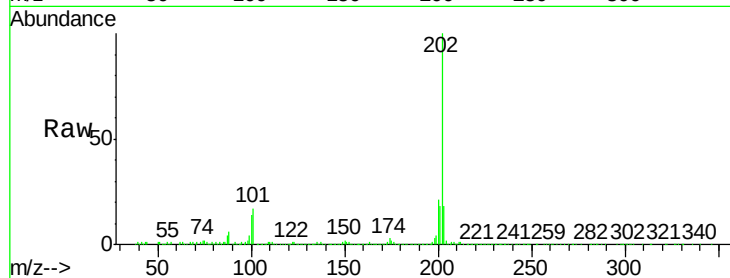
Tot Ion:202 Resp: 420042

Ion Ratio Lower Upper

202 100

101 16.9 11.0 16.4#

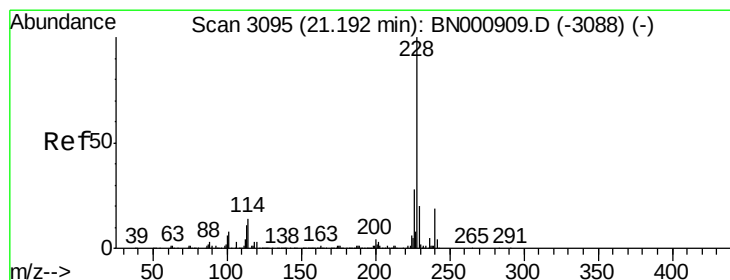
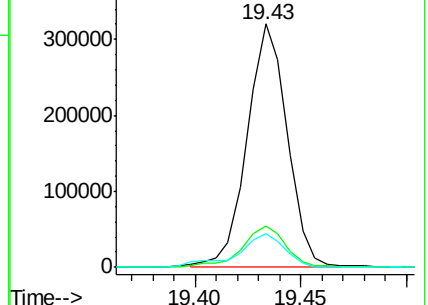
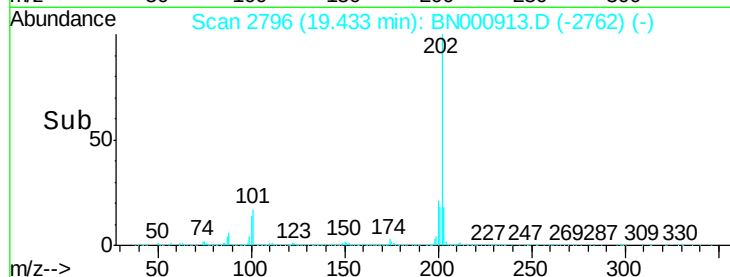
100 13.8 8.1 12.1#



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: 7.622 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

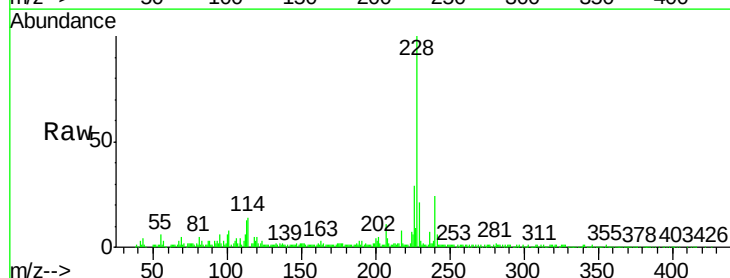
Tgt Ion:228 Resp: 256639

Ion Ratio Lower Upper

228 100

229 20.8 15.7 23.5

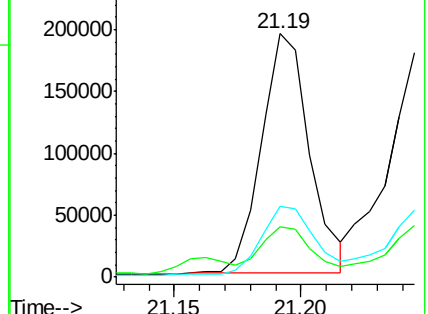
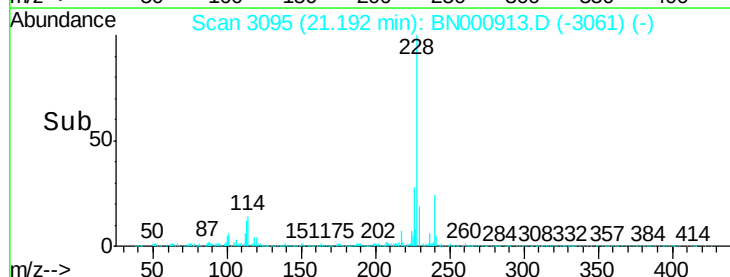
226 29.1 21.1 31.7

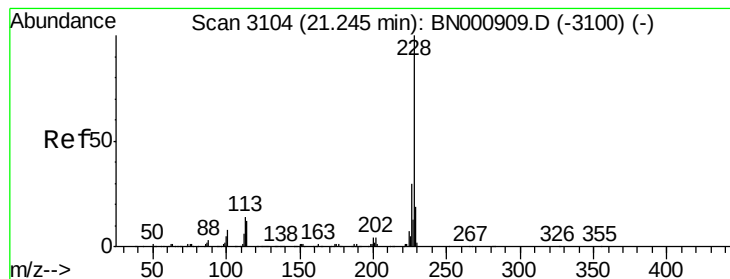


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 8.172 ng/ul

RT: 21.24 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampleId :

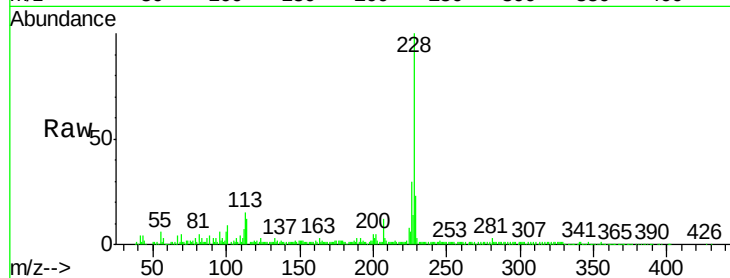
Tot Ion:228 Resp: 258621

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

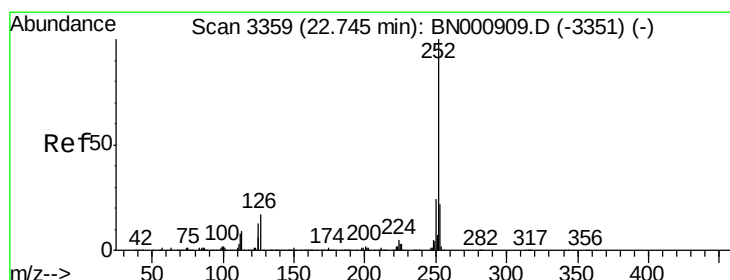
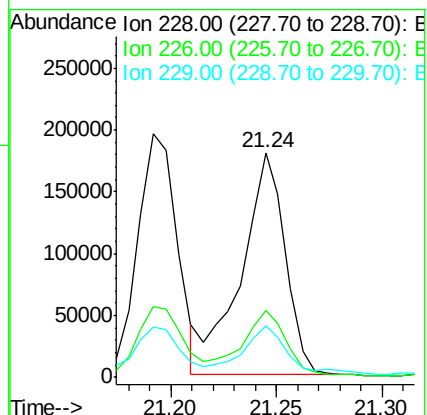
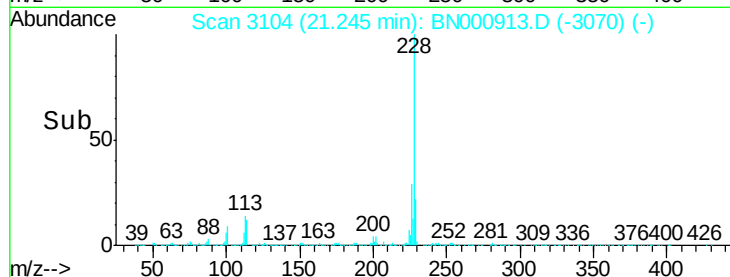
229 23.1 15.8 23.8



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: 13.946 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. 0.01 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

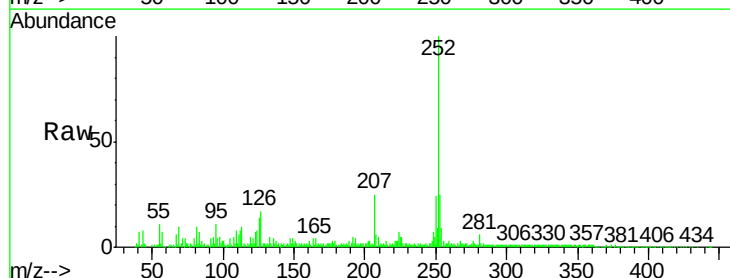
Tgt Ion:252 Resp: 474878

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

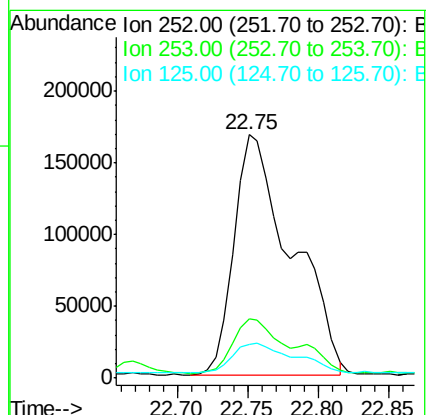
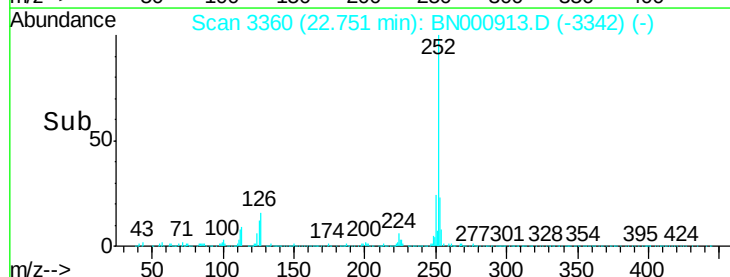
125 13.9 8.0 12.0#

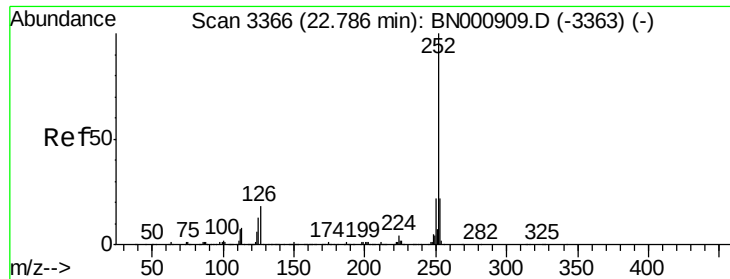


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 13.961 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampleId :

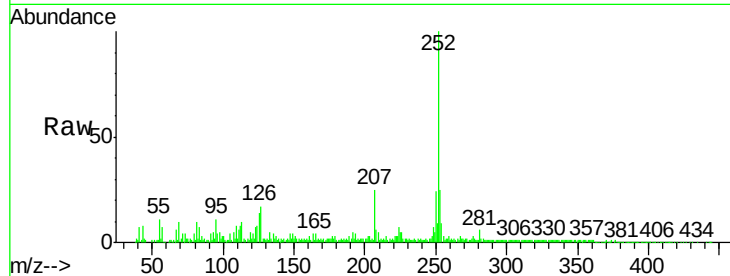
Tot Ion:252 Resp: 465197

Ion Ratio Lower Upper

252 100

253 24.5 18.0 27.0

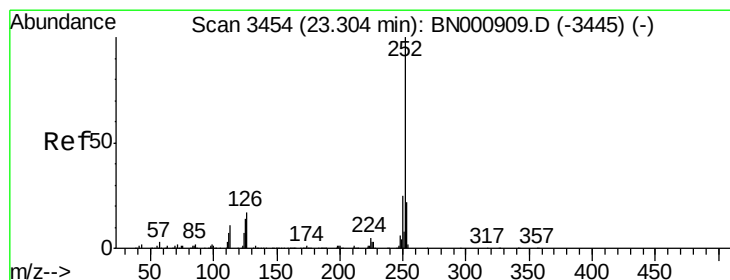
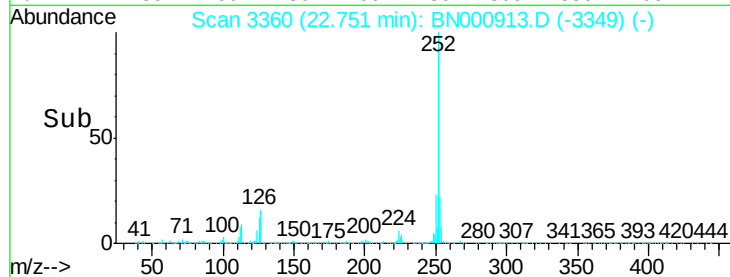
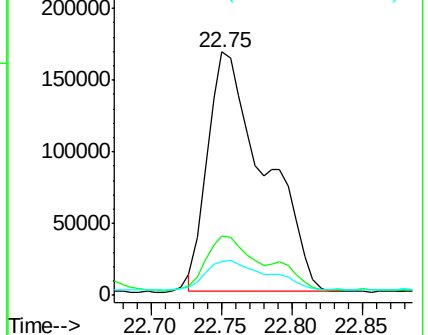
125 13.9 8.1 12.1#



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: 7.418 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.01 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

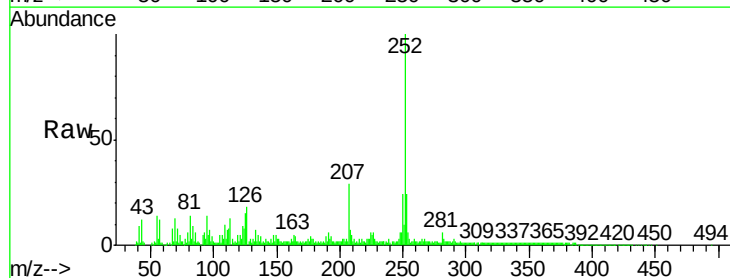
Tgt Ion:252 Resp: 241387

Ion Ratio Lower Upper

252 100

253 23.8 17.2 25.8

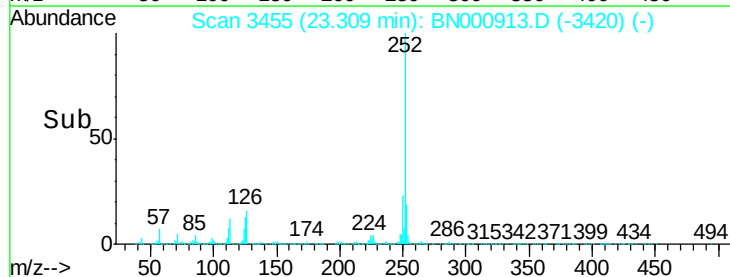
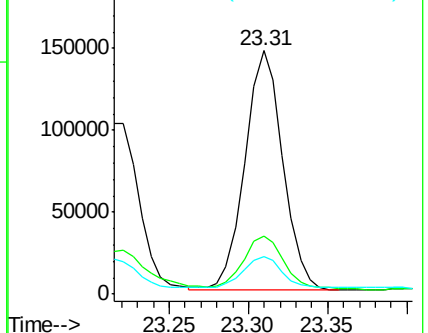
125 15.2 8.2 12.4#

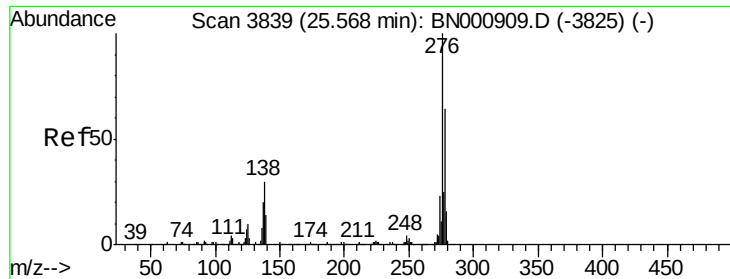


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



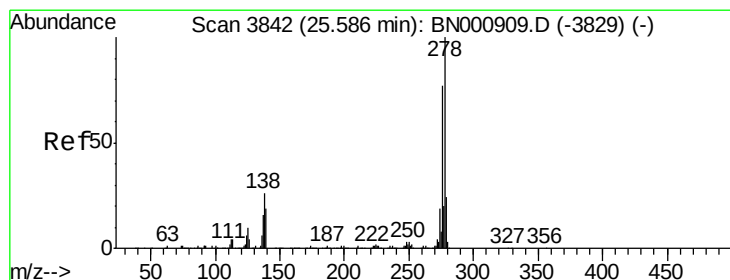
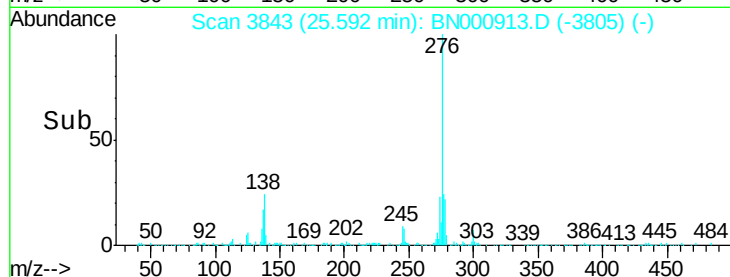
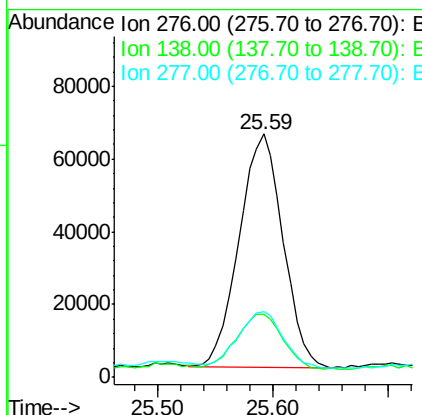
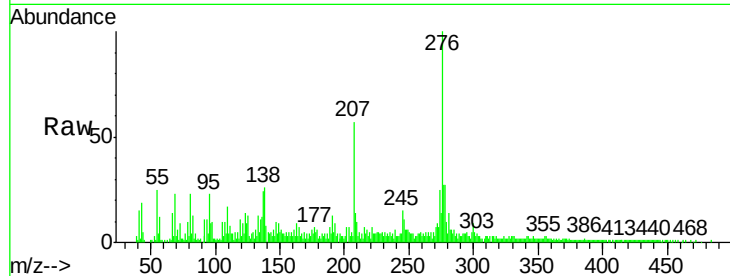


#27

Indeno(1,2,3-cd)pyrene
Concen: 4.293 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.02 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Instrument :
BNA_N
ClientSampleId :

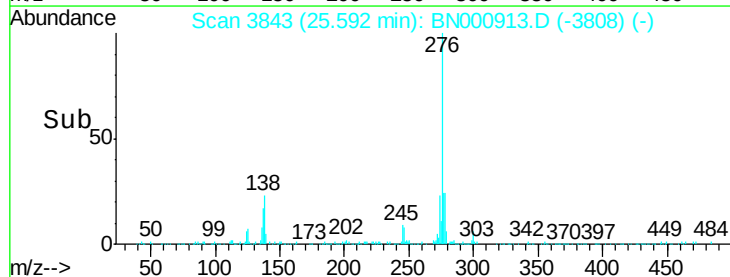
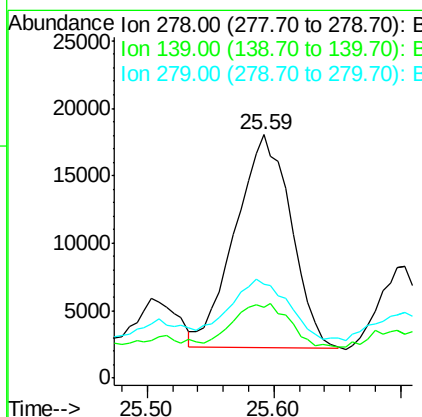
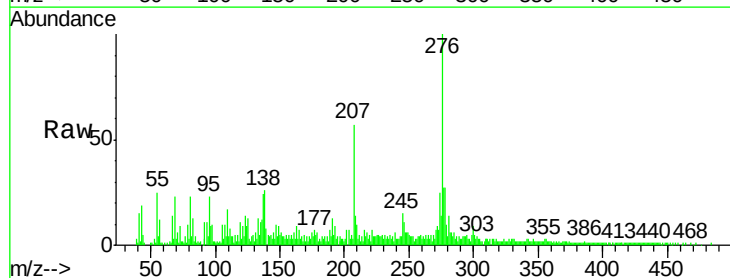
Tot Ion:276 Resp: 168748
Ion Ratio Lower Upper
276 100
138 25.9 14.4 21.6#
277 27.2 18.0 27.0#

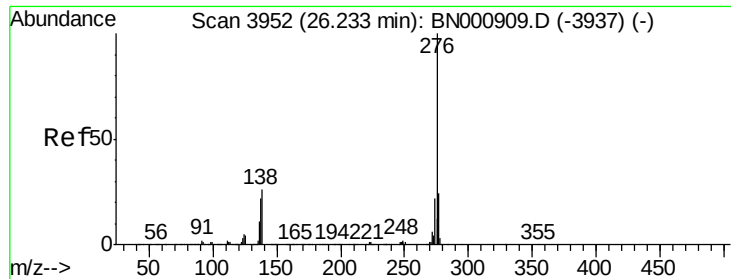


#28

Dibenzo(a,h)anthracene
Concen: 1.477 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. 0.01 min
Lab File: BN000913.D
Acq: 26 Apr 2018 03:55

Tgt Ion:278 Resp: 48397
Ion Ratio Lower Upper
278 100
139 29.1 12.2 18.4#
279 38.4 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 5.509 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.03 min

Lab File: BN000913.D

Acq: 26 Apr 2018 03:55

Instrument :

BNA_N

ClientSampleId :

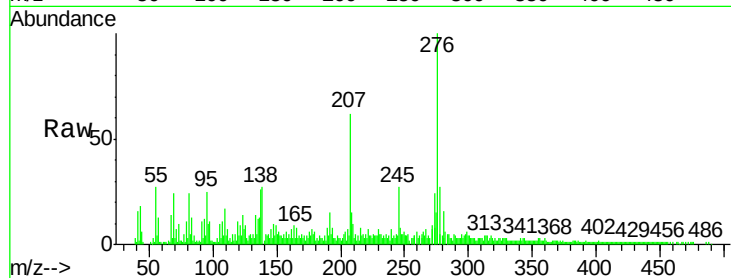
Tot Ion: 276 Resp: 181105

Ion Ratio Lower Upper

276 100

138 27.3 15.3 22.9#

277 26.6 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

