

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000929.D
 Acq On : 26 Apr 2018 13:25
 Operator : JU/SJ
 Sample : J2485-17
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 07:50:02 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	116133	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	470233	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	230441	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	462626	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	439034	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	471379	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	794274	35.89	ng/ul	0.00
10) Fluorene-d10	15.26	176	545307	36.91	ng/ul	0.00
14) Anthracene-d10	17.11	188	790826	37.38	ng/ul	0.00
18) Pyrene-d10	19.42	212	830101	36.90	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	886812	39.83	ng/ul	0.00

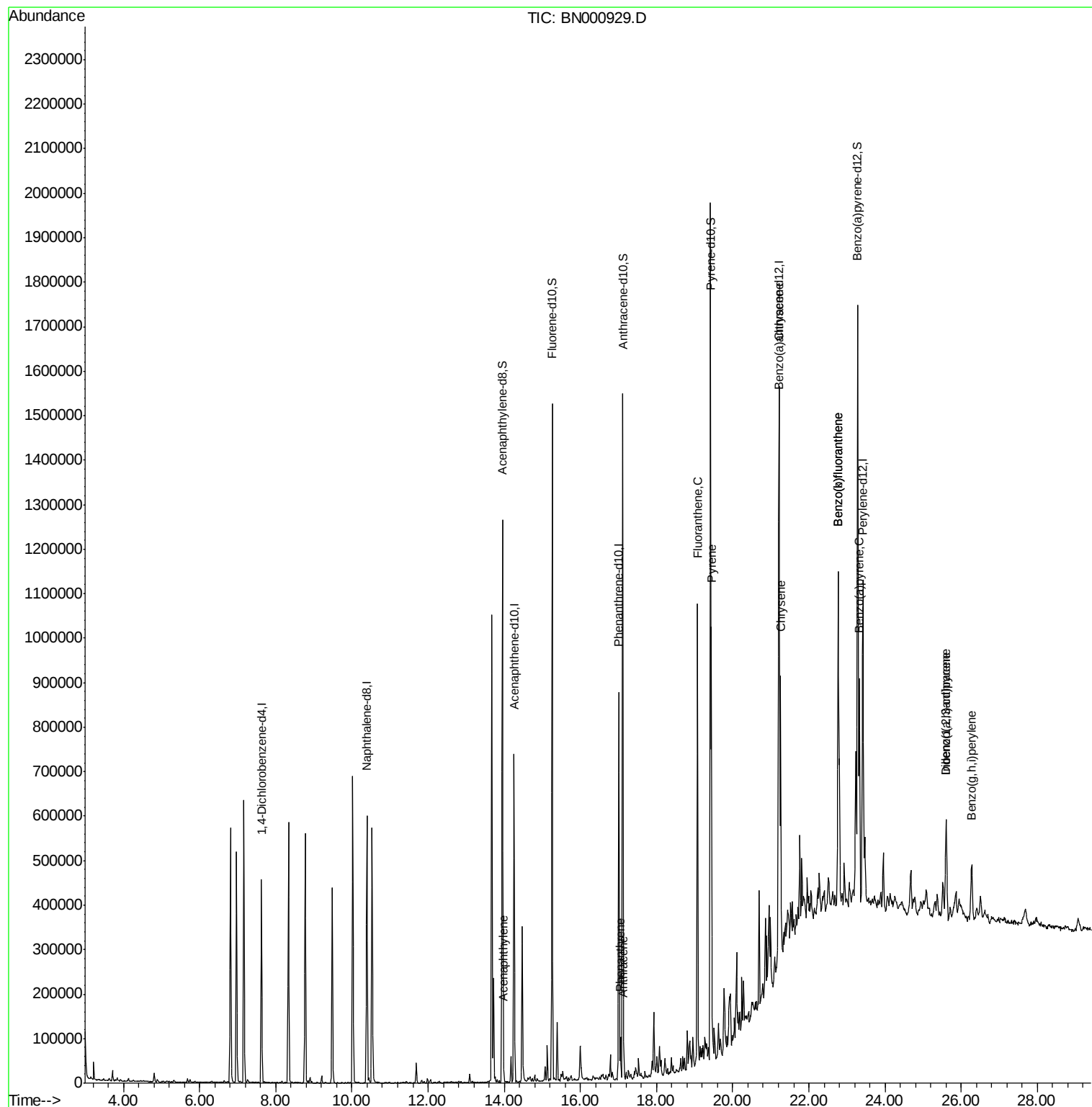
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	13.98	152	26841	1.225	ng/ul	98
13) Phenanthrene	17.05	178	52754	2.091	ng/ul	98
15) Anthracene	17.14	178	41025	1.621	ng/ul	98
16) Fluoranthene	19.07	202	564477	22.050	ng/ul#	93
19) Pyrene	19.45	202	530068	18.797	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	384682	14.658	ng/ul	97
21) Chrysene	21.26	228	369896	14.996	ng/ul	98
23) Benzo(b)fluoranthene	22.77	252	651119	24.306	ng/ul#	96
24) Benzo(k)fluoranthene	22.77	252	667418	25.461	ng/ul#	96
26) Benzo(a)pyrene	23.33	252	284226	11.102	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.60	276	177611	5.744	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.60	278	55938	2.171	ng/ul#	79
29) Benzo(a,h,i)perylene	26.27	276	139089	5.378	ng/ul#	92

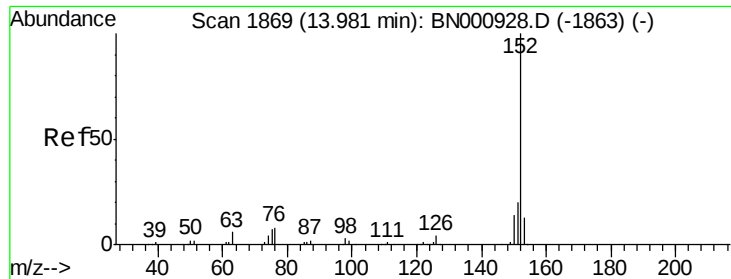
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 27 07:47:48 2018
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#8

Acenaphthylene

Concen: 1.225 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

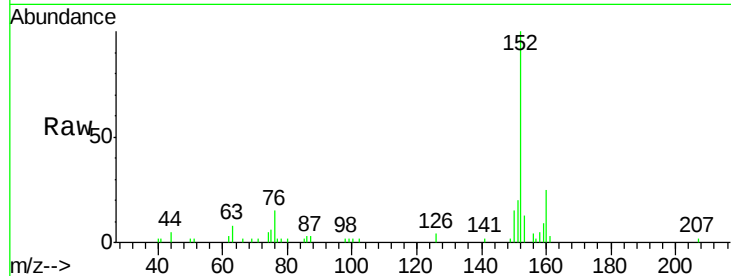
Tot Ion:152 Resp: 26841

Ion Ratio Lower Upper

152 100

151 19.7 16.7 25.1

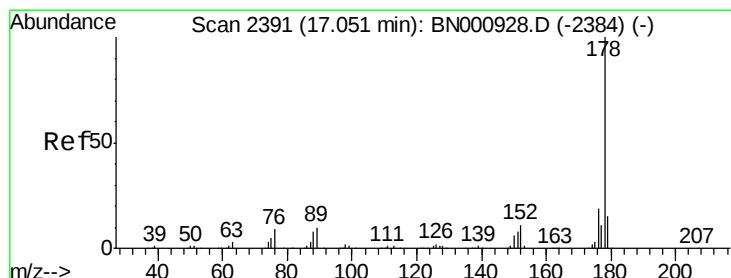
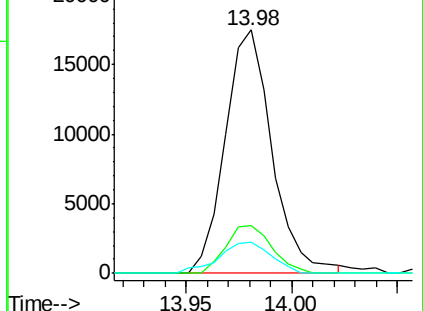
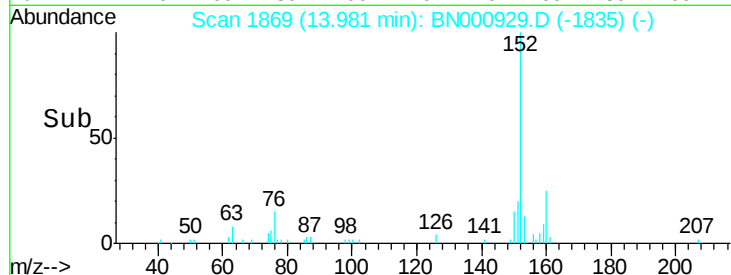
153 12.8 10.2 15.4



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: 2.091 ng/ul

RT: 17.05 min Scan# 2391

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

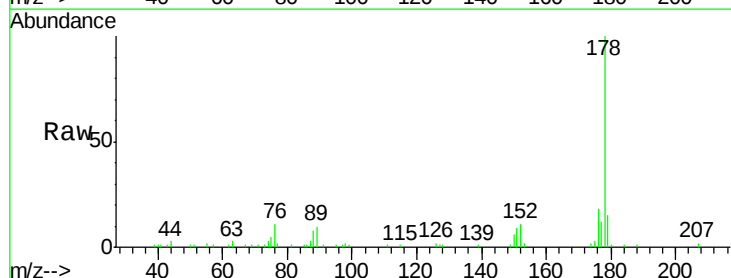
Tgt Ion:178 Resp: 52754

Ion Ratio Lower Upper

178 100

179 14.5 12.3 18.5

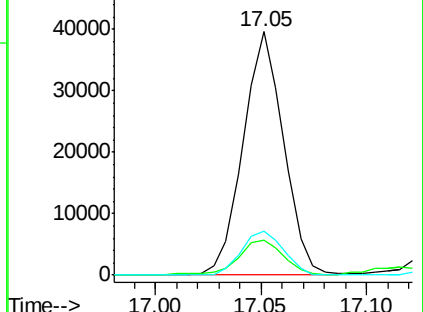
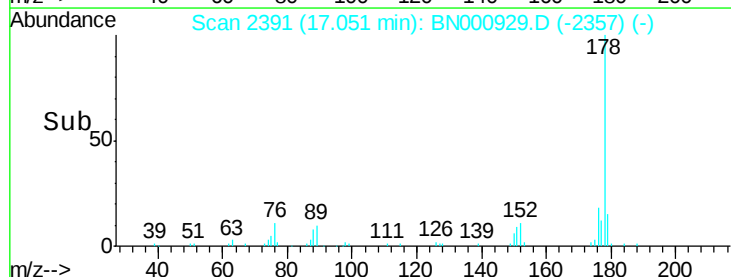
176 18.0 15.1 22.7

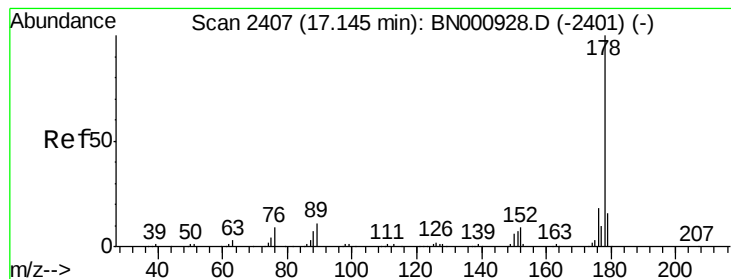


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Anthracene

Concen: 1.621 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

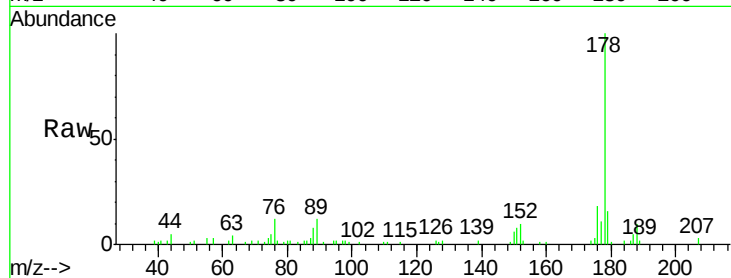
Tot Ion:178 Resp: 41025

Ion Ratio Lower Upper

178 100

179 16.0 11.8 17.8

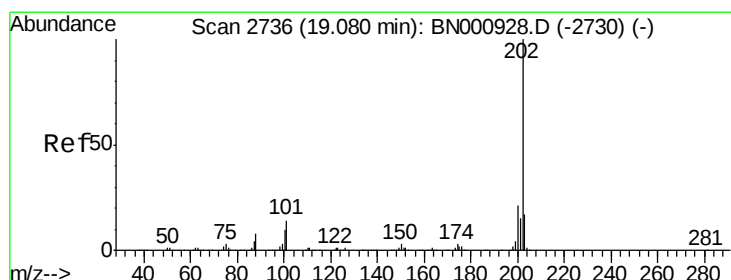
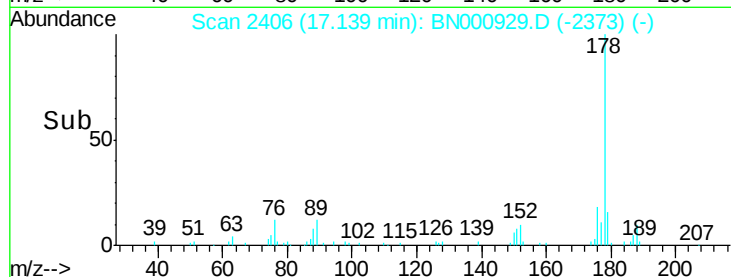
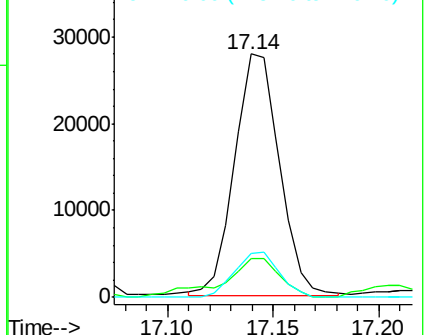
176 18.1 15.2 22.8



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: 22.050 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

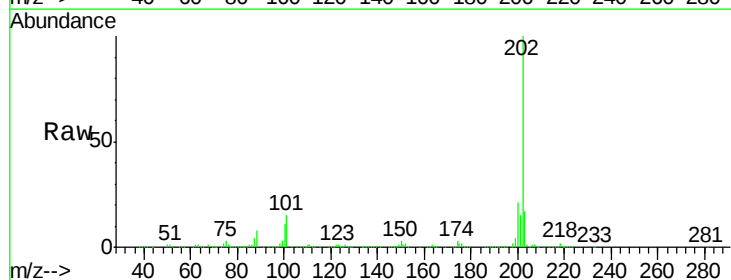
Tgt Ion:202 Resp: 564477

Ion Ratio Lower Upper

202 100

101 15.3 9.9 14.9#

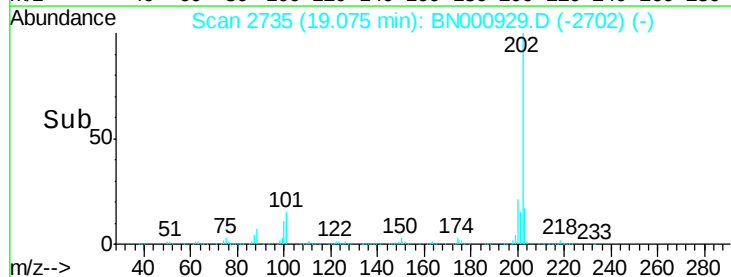
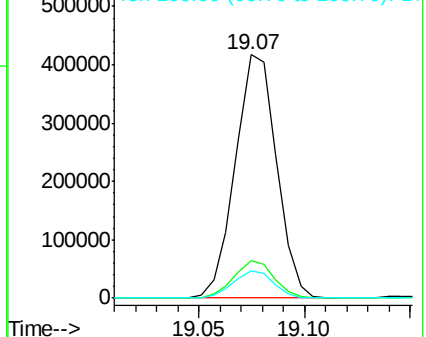
100 11.2 7.4 11.0#

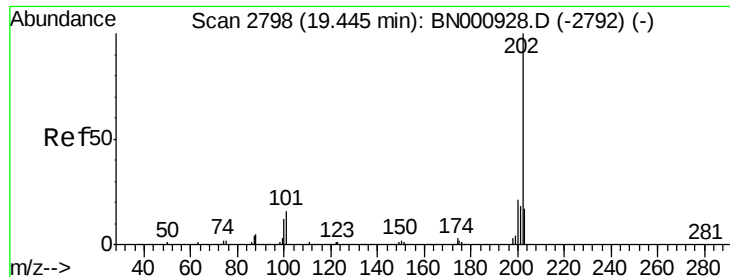


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 18.797 ng/ul

RT: 19.45 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampled :

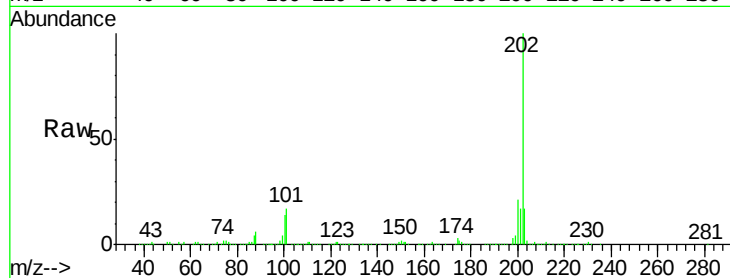
Tot Ion:202 Resp: 530068

Ion Ratio Lower Upper

202 100

101 16.8 11.0 16.4#

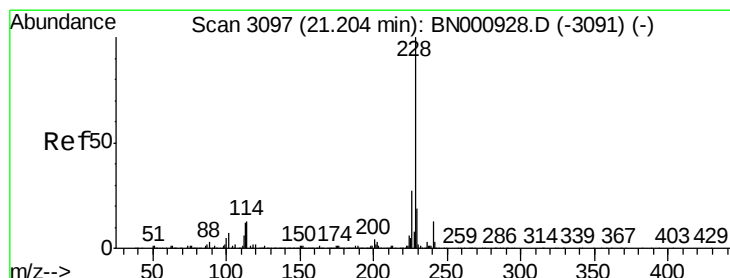
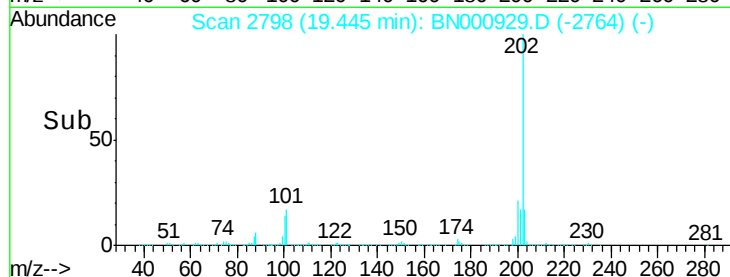
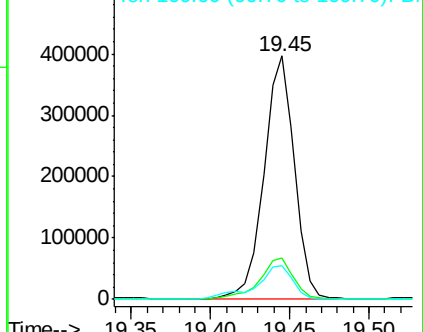
100 13.6 8.1 12.1#



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: 14.658 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

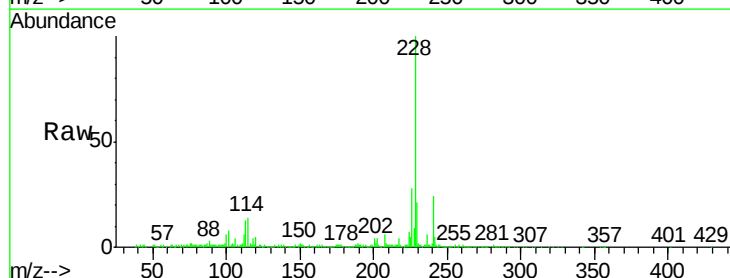
Tgt Ion:228 Resp: 384682

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

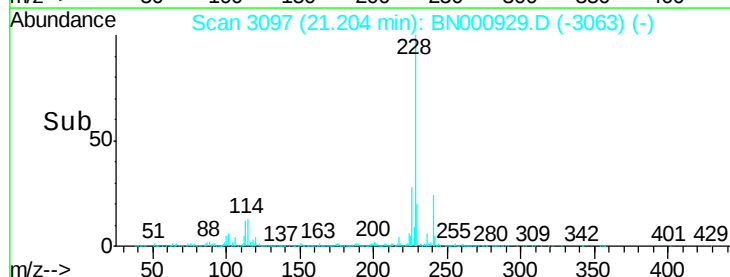
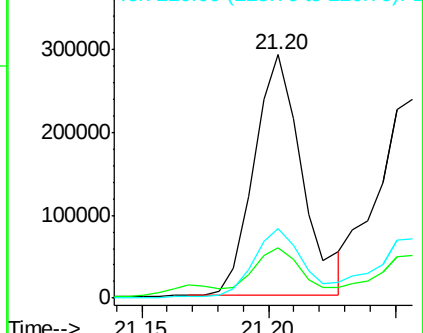
226 28.3 21.1 31.7

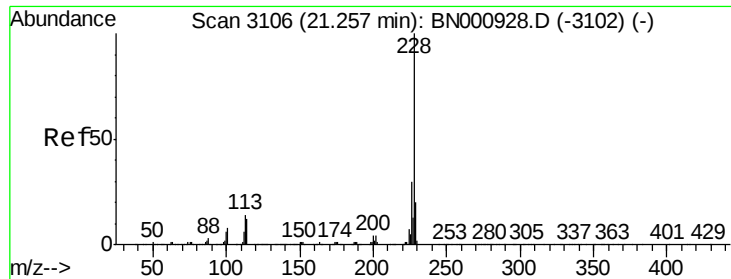


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 14.996 ng/ul

RT: 21.26 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

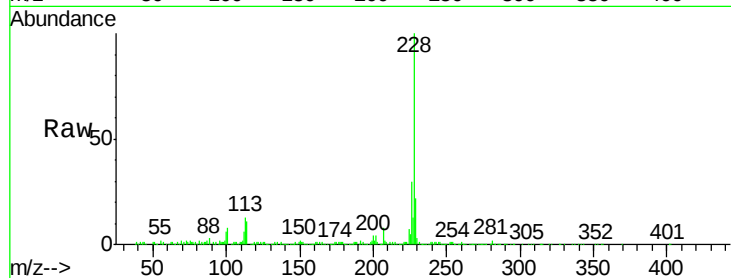
Tot Ion:228 Resp: 369896

Ion Ratio Lower Upper

228 100

226 29.9 24.5 36.7

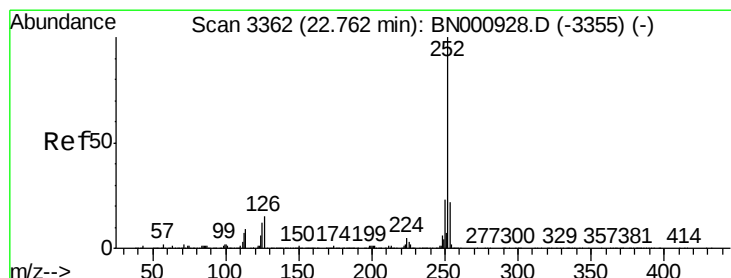
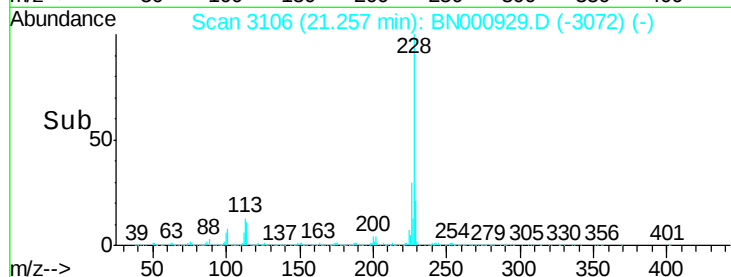
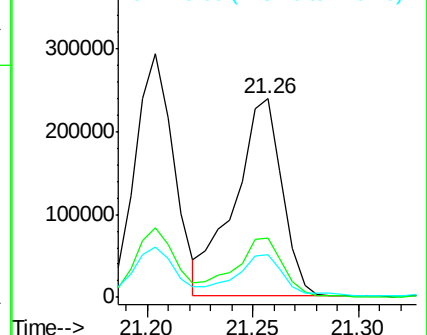
229 21.5 15.8 23.8



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: 24.306 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. 0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

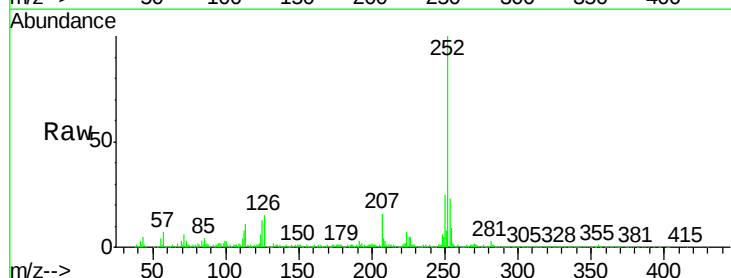
Tgt Ion:252 Resp: 651119

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

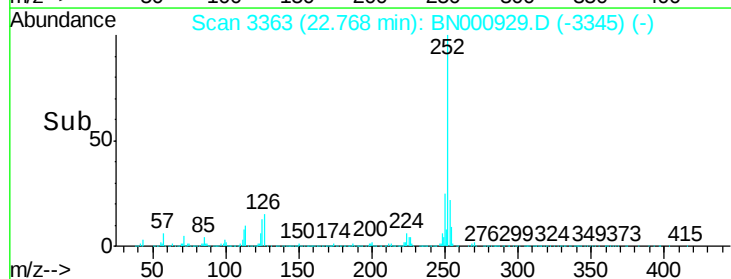
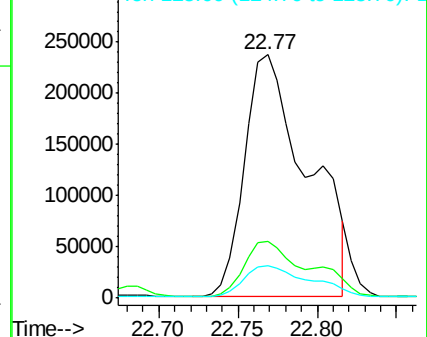
125 13.3 8.0 12.0#

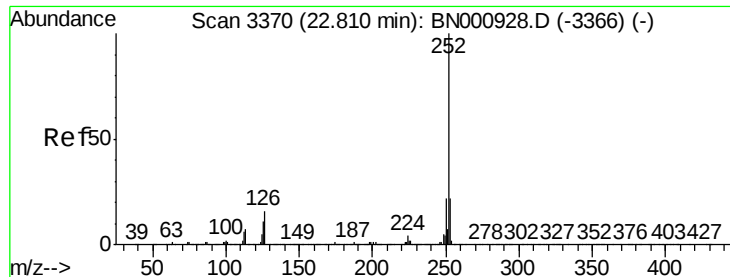


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 25.461 ng/ul

RT: 22.77 min Scan# 3363

Delta R.T. -0.04 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

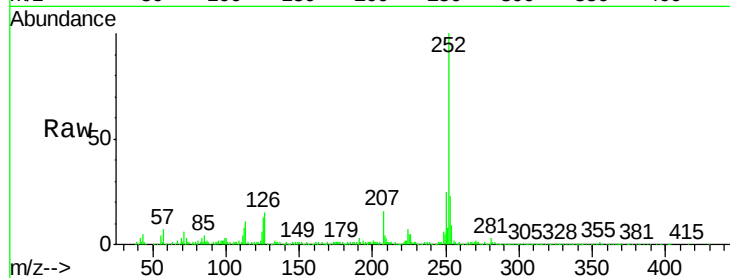
Tot Ion:252 Resp: 667418

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

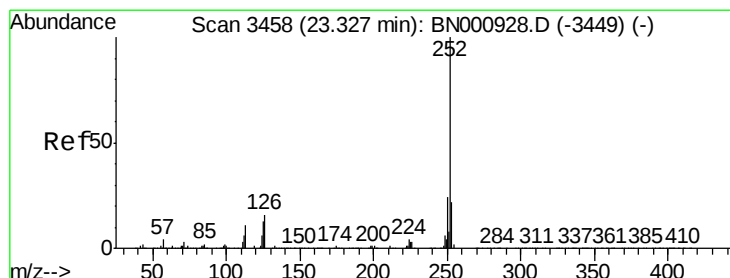
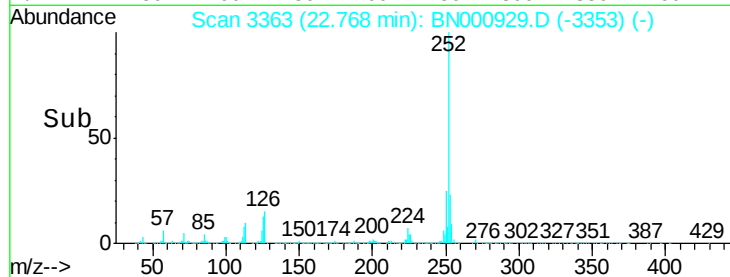
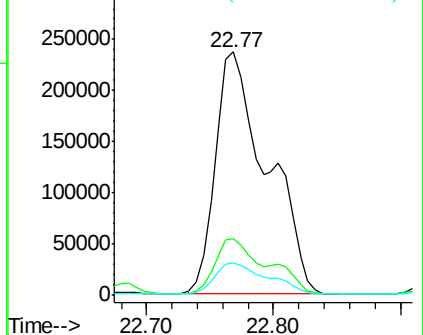
125 13.3 8.1 12.1#



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: 11.102 ng/ul

RT: 23.33 min Scan# 3458

Delta R.T. 0.00 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

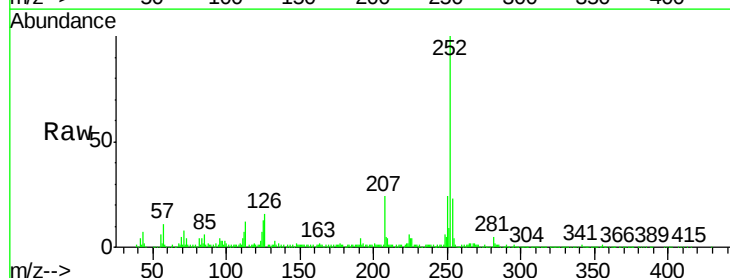
Tgt Ion:252 Resp: 284226

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

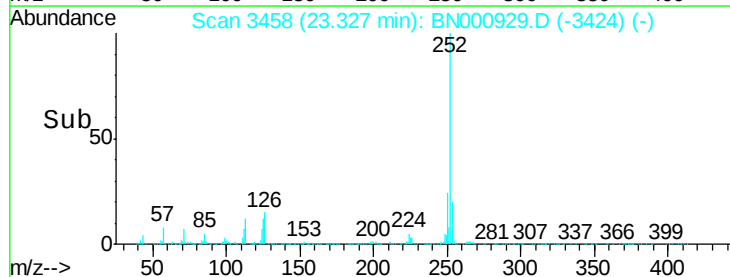
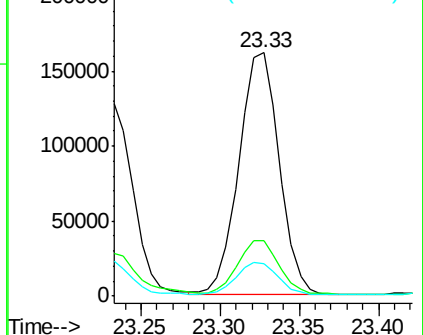
125 13.1 8.2 12.4#

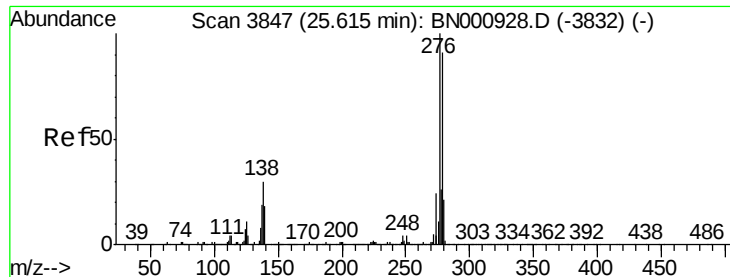


Abundance Ion 252.00 (251.70 to 252.70): E

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: 5.744 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

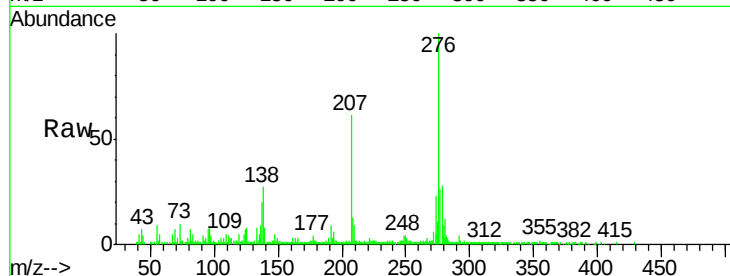
Tot Ion:276 Resp: 177611

Ion Ratio Lower Upper

276 100

138 26.6 14.4 21.6#

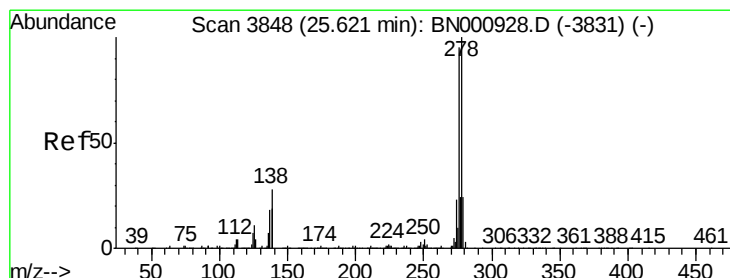
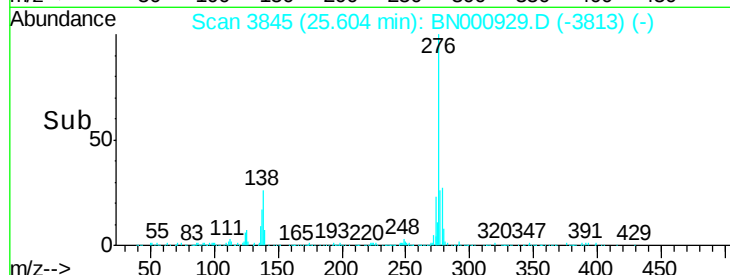
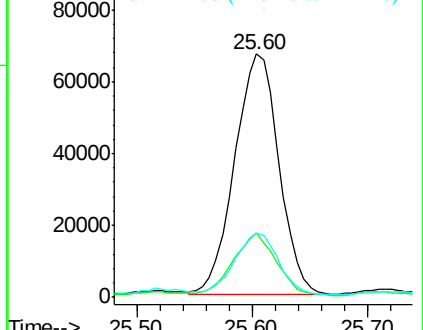
277 26.3 18.0 27.0



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: 2.171 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

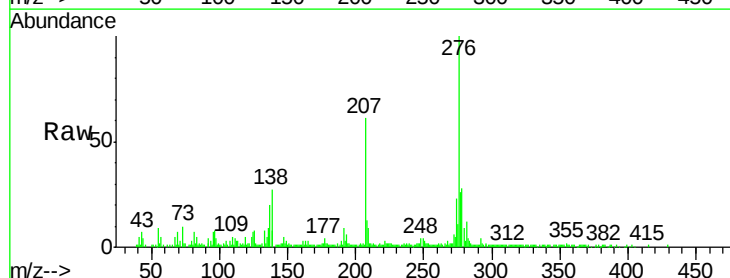
Tgt Ion:278 Resp: 55938

Ion Ratio Lower Upper

278 100

139 27.5 12.2 18.4#

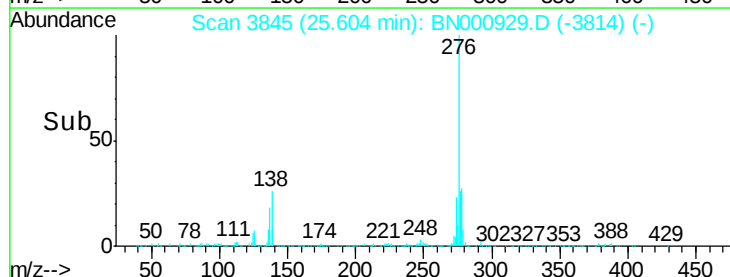
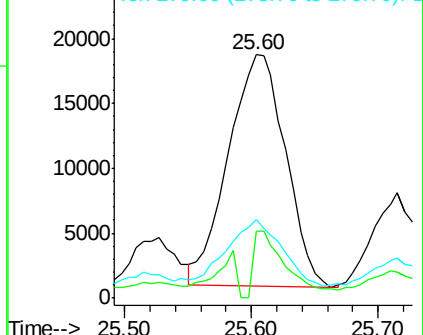
279 32.1 19.2 28.8#

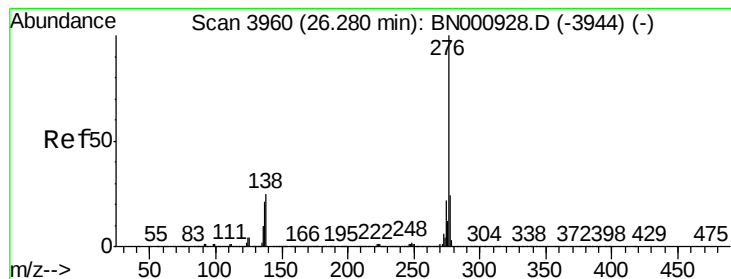


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 5.378 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. -0.01 min

Lab File: BN000929.D

Acq: 26 Apr 2018 13:25

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 139089

Ion Ratio Lower Upper

276 100

138 25.2 15.3 22.9#

277 25.1 19.0 28.4

