

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000385.D
 Acq On : 14 Mar 2018 21:25
 Operator : JU/SJ
 Sample : J1866-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:07:25 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	195302	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	951809	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	551865	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1262411	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1205779	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1109539	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	14.76	160	1376783	25.14	ng/ul	0.00
10) Fluorene-d10	16.04	176	917528	24.74	ng/ul	0.00
14) Anthracene-d10	17.88	188	1431314	24.27	ng/ul	0.00
18) Pyrene-d10	20.13	212	1623820	27.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	1254527	24.76	ng/ul	0.00

Target Compounds

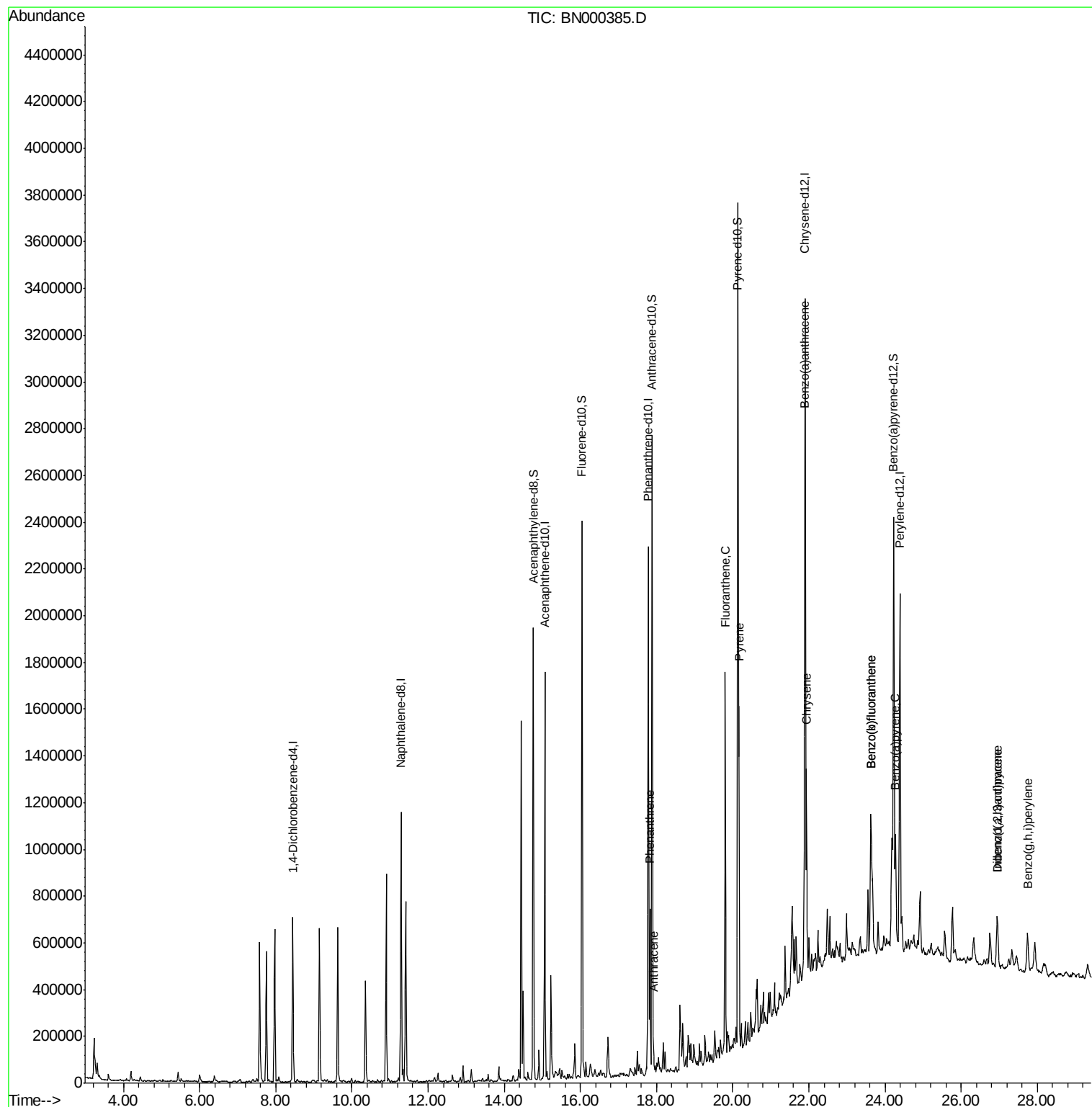
					Ovalue	
13) Phenanthrene	17.83	178	389512	5.380	ng/ul	99
15) Anthracene	17.92	178	77675	1.057	ng/ul	99
16) Fluoranthene	19.80	202	888049	11.353	ng/ul#	94
19) Pyrene	20.16	202	765763	10.059	ng/ul#	90
20) Benzo(a)anthracene	21.89	228	456031	6.084	ng/ul	97
21) Chrysene	21.94	228	466005	6.551	ng/ul	97
23) Benzo(b)fluoranthene	23.63	252	680746	10.289	ng/ul#	93
24) Benzo(k)fluoranthene	23.63	252	551402	8.903	ng/ul#	93
26) Benzo(a)pyrene	24.28	252	338955	5.383	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.95	276	200730	2.956	ng/ul#	83
28) Dibenzo(a,h)anthracene	26.95	278	61423	1.104	ng/ul#	76
29) Benzo(g,h,i)perylene	27.74	276	201218	3.549	ng/ul#	88

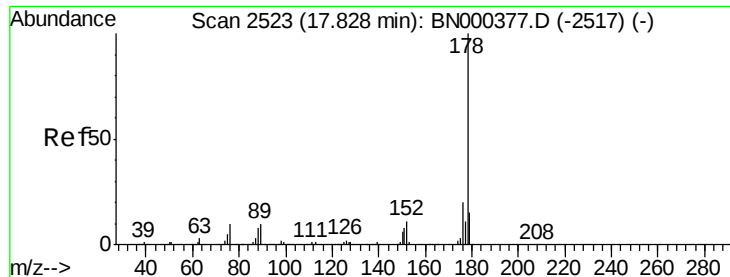
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 5.380 ng/ul

RT: 17.83 min Scan# 2523

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

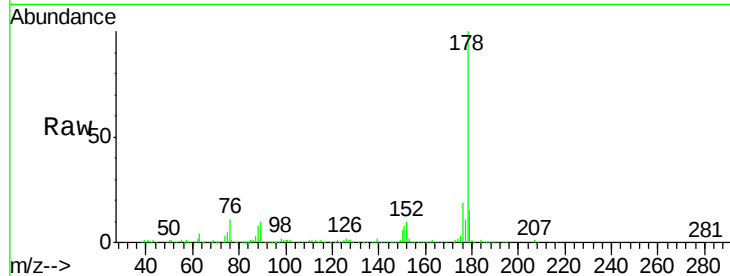
Tot Ion:178 Resp: 389512

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

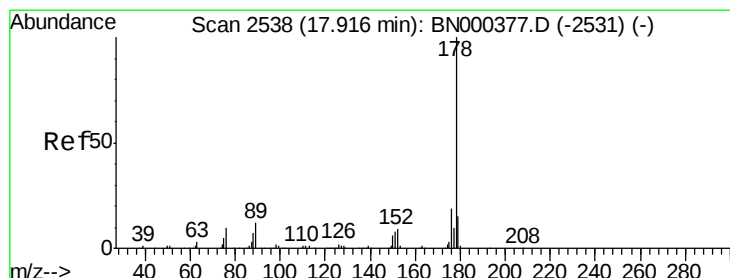
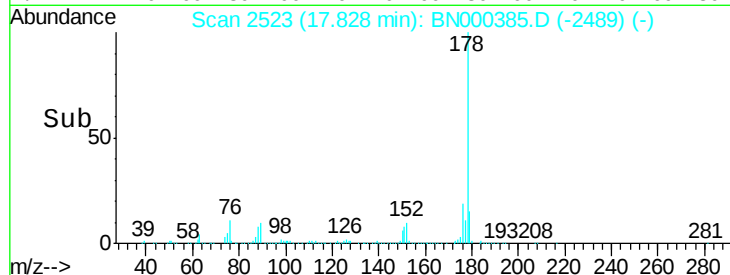
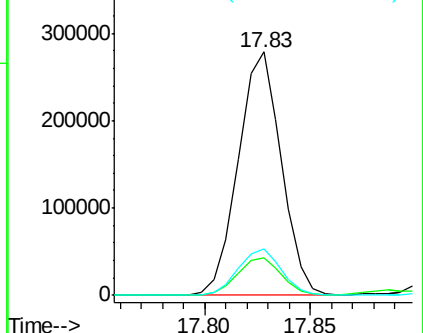
176 19.3 15.1 22.7



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: 1.057 ng/ul

RT: 17.92 min Scan# 2538

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

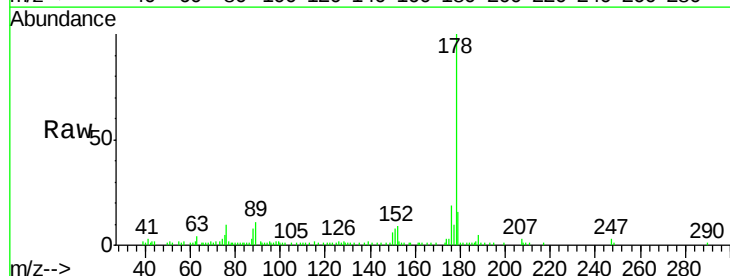
Tgt Ion:178 Resp: 77675

Ion Ratio Lower Upper

178 100

179 15.7 11.8 17.8

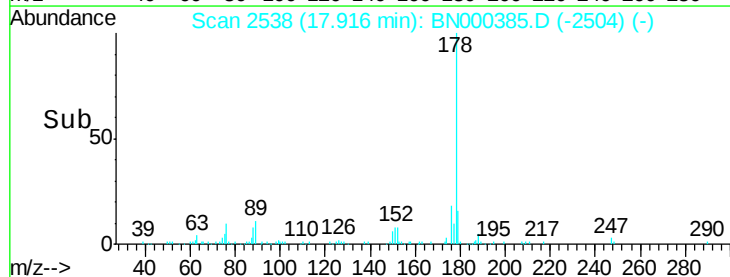
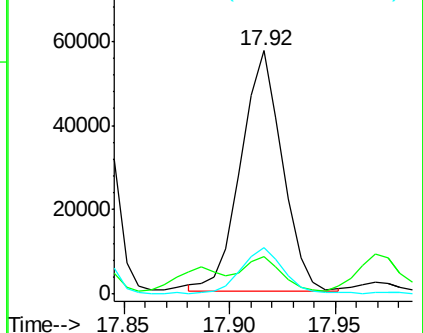
176 18.8 15.2 22.8

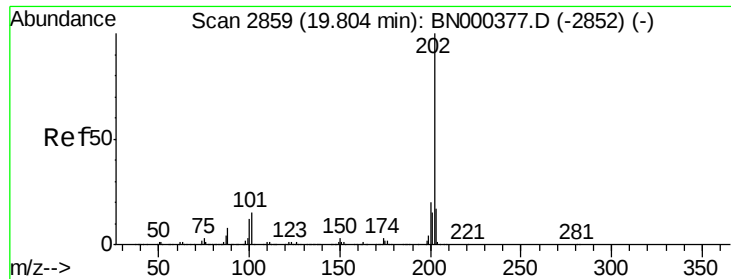


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 11.353 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

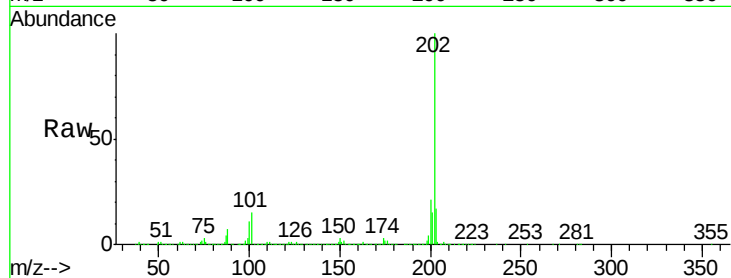
Tot Ion:202 Resp: 888049

Ion Ratio Lower Upper

202 100

101 14.9 9.9 14.9#

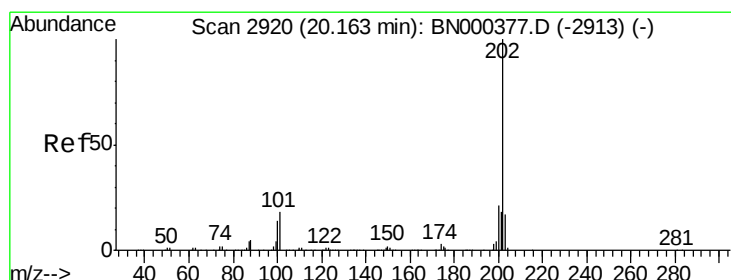
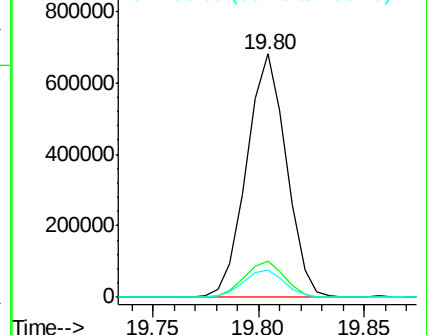
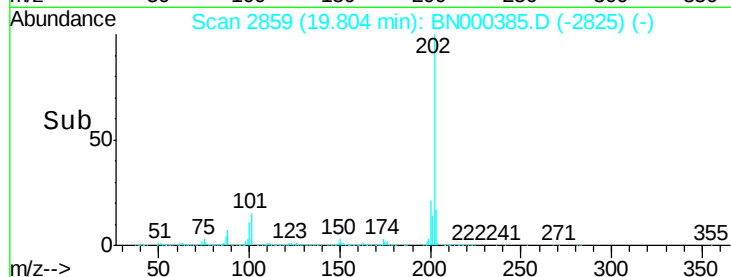
100 11.3 7.4 11.0#



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: 10.059 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

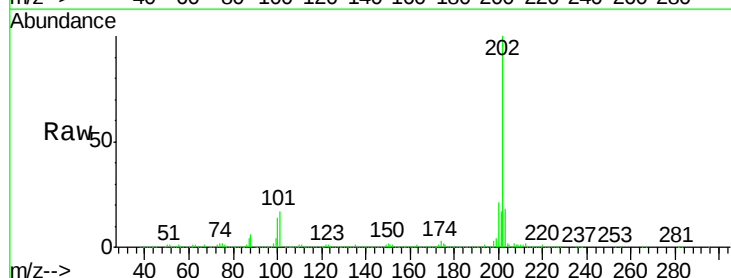
Tgt Ion:202 Resp: 765763

Ion Ratio Lower Upper

202 100

101 17.3 11.0 16.4#

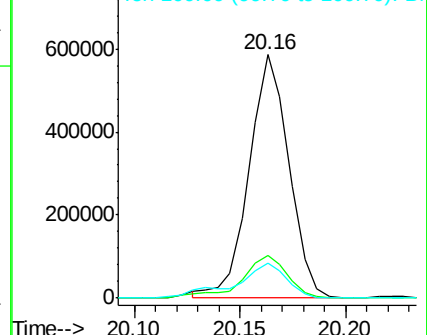
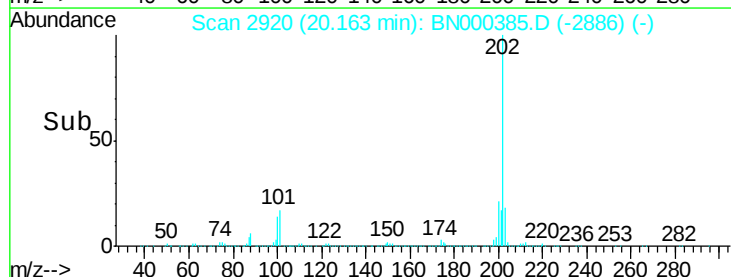
100 14.2 8.1 12.1#

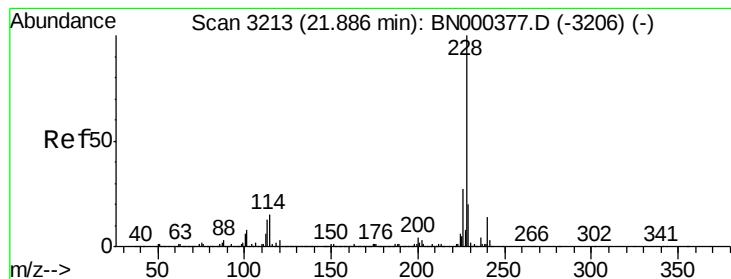


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 6.084 ng/ul

RT: 21.89 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

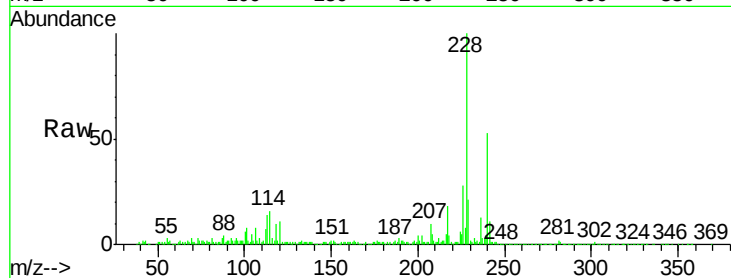
Tot Ion:228 Resp: 456031

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

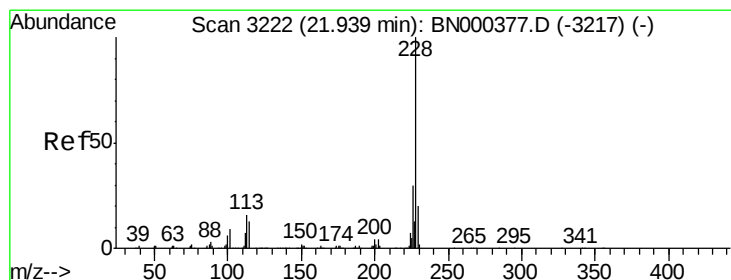
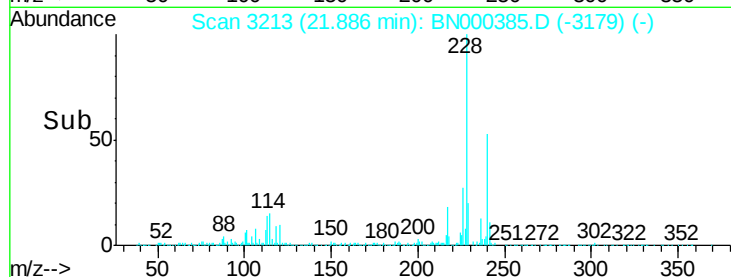
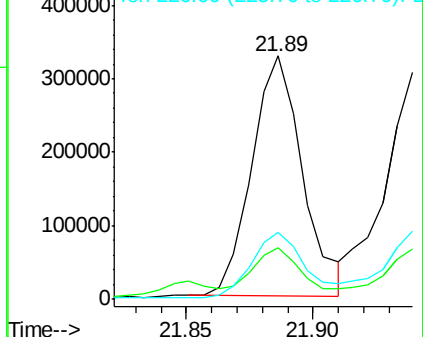
226 27.6 21.1 31.7



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: 6.551 ng/ul

RT: 21.94 min Scan# 3222

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

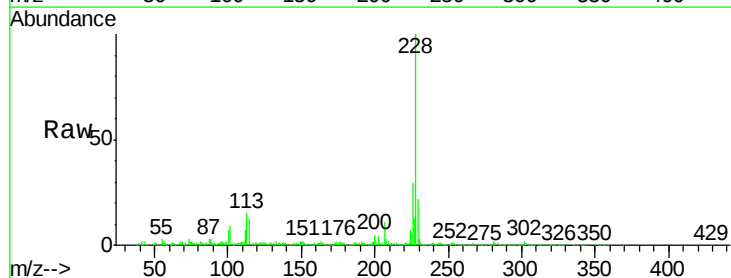
Tgt Ion:228 Resp: 466005

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

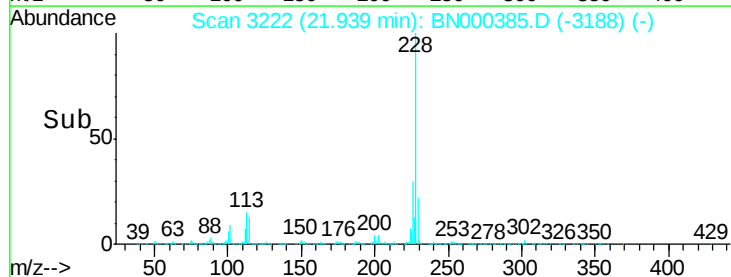
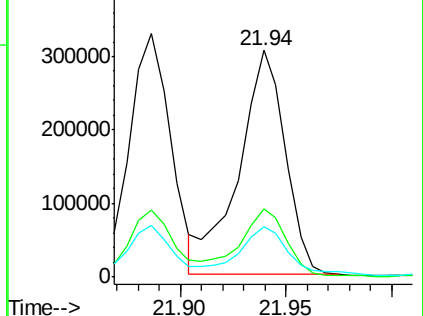
229 22.5 15.8 23.8

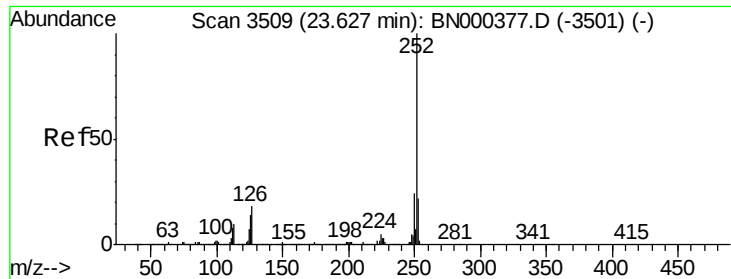


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 10.289 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

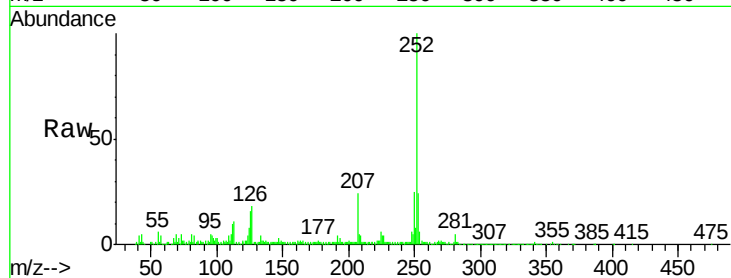
Tot Ion:252 Resp: 680746

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

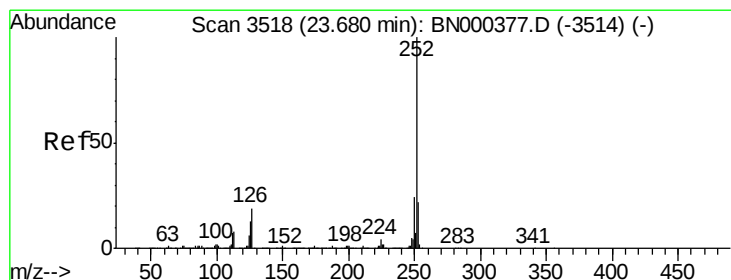
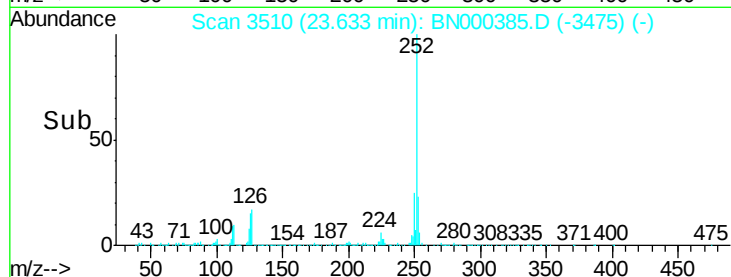
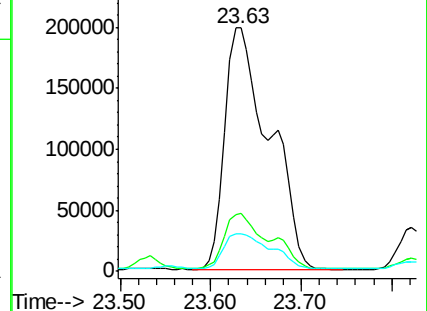
125 15.5 8.0 12.0#



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: 8.903 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. -0.05 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

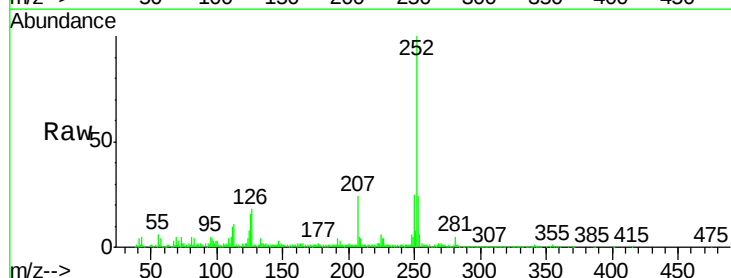
Tgt Ion:252 Resp: 551402

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

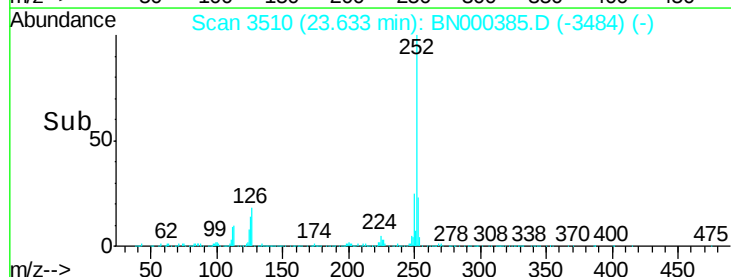
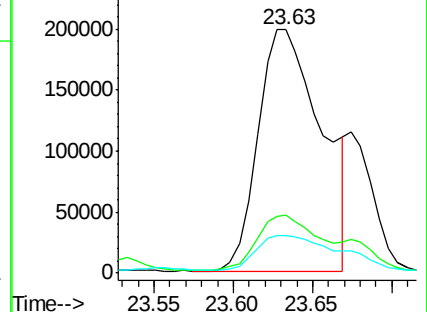
125 15.5 8.1 12.1#

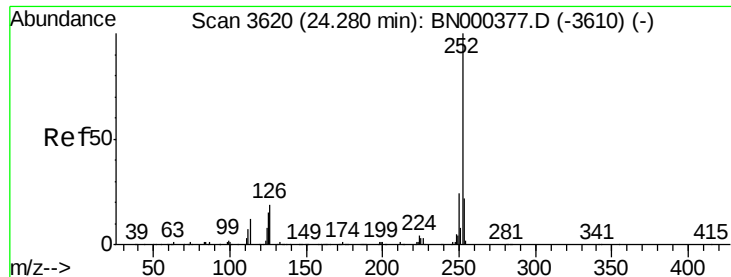


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 5.383 ng/u1

RT: 24.28 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

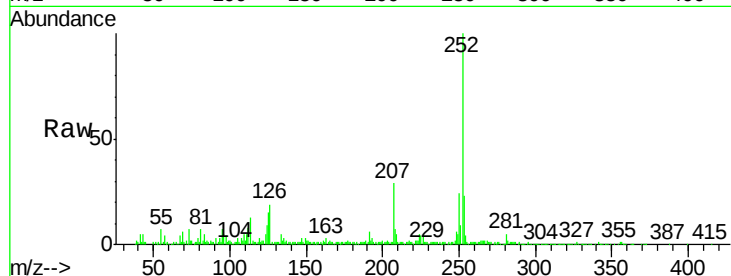
Tot Ion:252 Resp: 338955

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

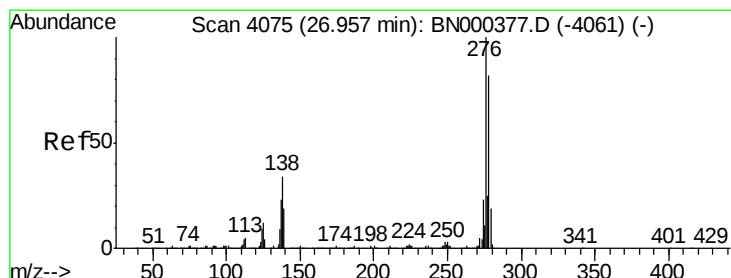
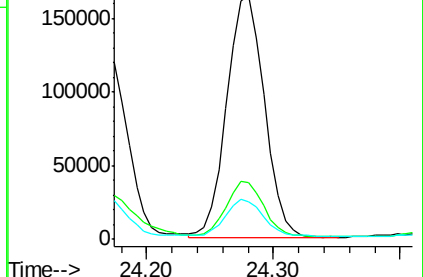
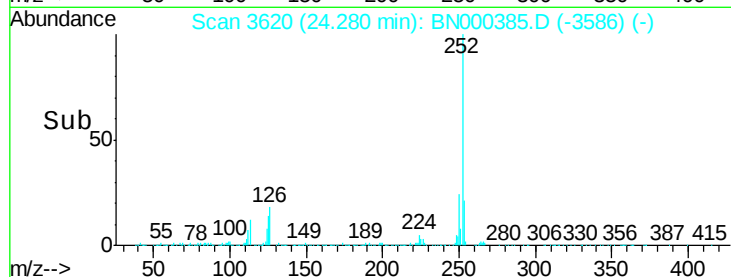
125 15.3 8.2 12.4#



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: 2.956 ng/u1

RT: 26.95 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

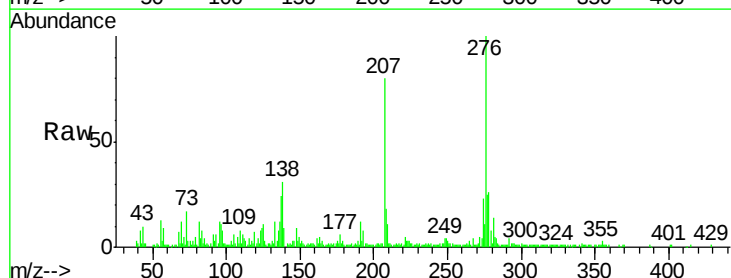
Tgt Ion:276 Resp: 200730

Ion Ratio Lower Upper

276 100

138 31.5 14.4 21.6#

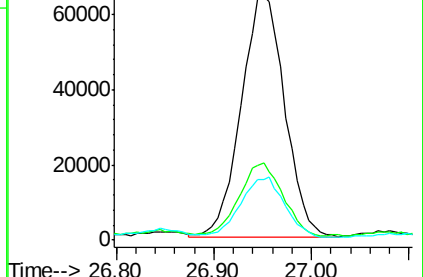
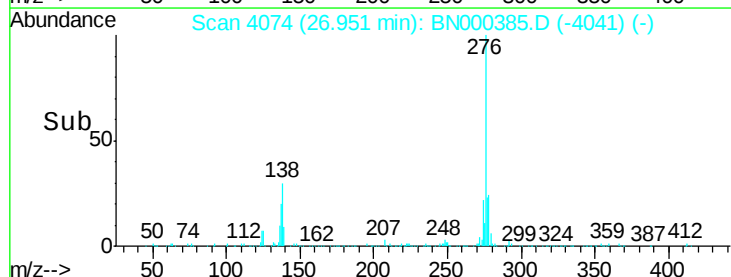
277 25.1 18.0 27.0

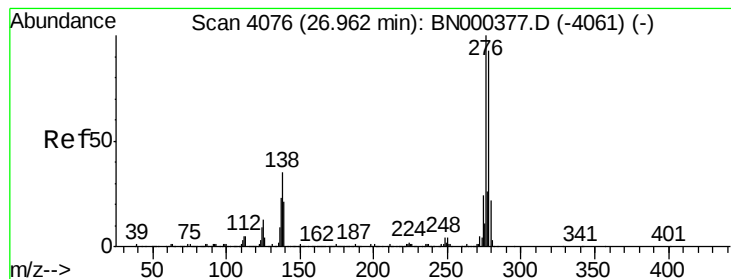


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#28

Dibenzo(a,h)anthracene

Concen: 1.104 ng/ul

RT: 26.95 min Scan# 4074

Delta R.T. -0.01 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Instrument :

BNA_N

ClientSampleId :

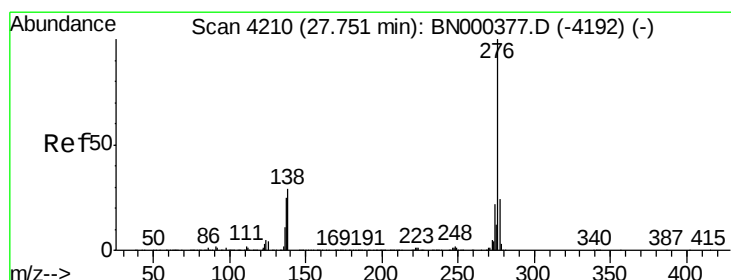
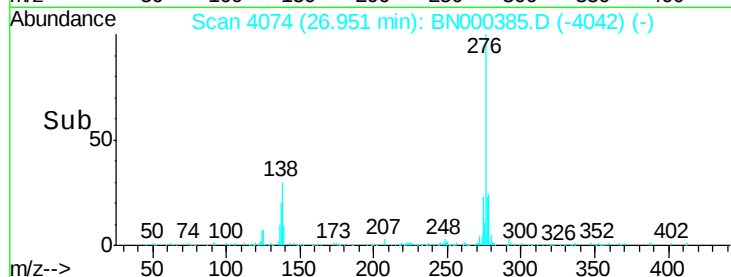
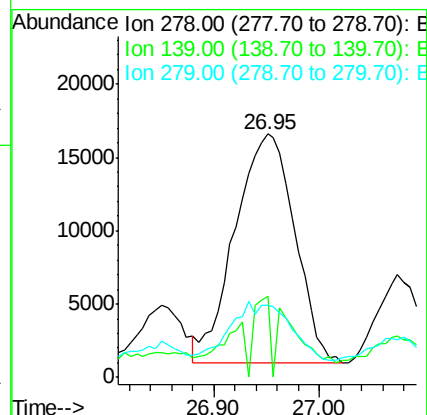
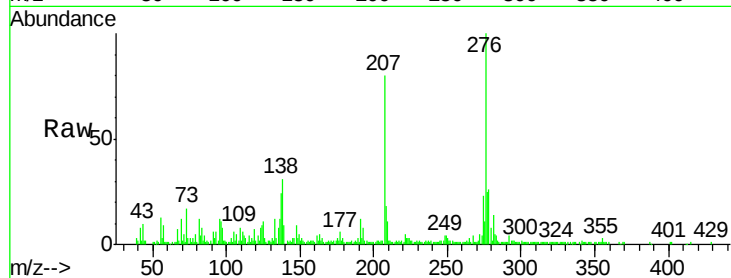
Tot Ion:278 Resp: 61423

Ion Ratio Lower Upper

278 100

139 33.4 12.2 18.4#

279 29.7 19.2 28.8#



#29

Benzo(g,h,i)perylene

Concen: 3.549 ng/ul

RT: 27.74 min Scan# 4209

Delta R.T. -0.01 min

Lab File: BN000385.D

Acq: 14 Mar 2018 21:25

Tgt Ion:276 Resp: 201218

Ion Ratio Lower Upper

276 100

138 31.3 15.3 22.9#

277 24.0 19.0 28.4

