

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000905.D
 Acq On : 25 Apr 2018 23:18
 Operator : JU/SJ
 Sample : J2485-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 08:00:30 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 07:55:11 2018
 Response via : Initial Calibration

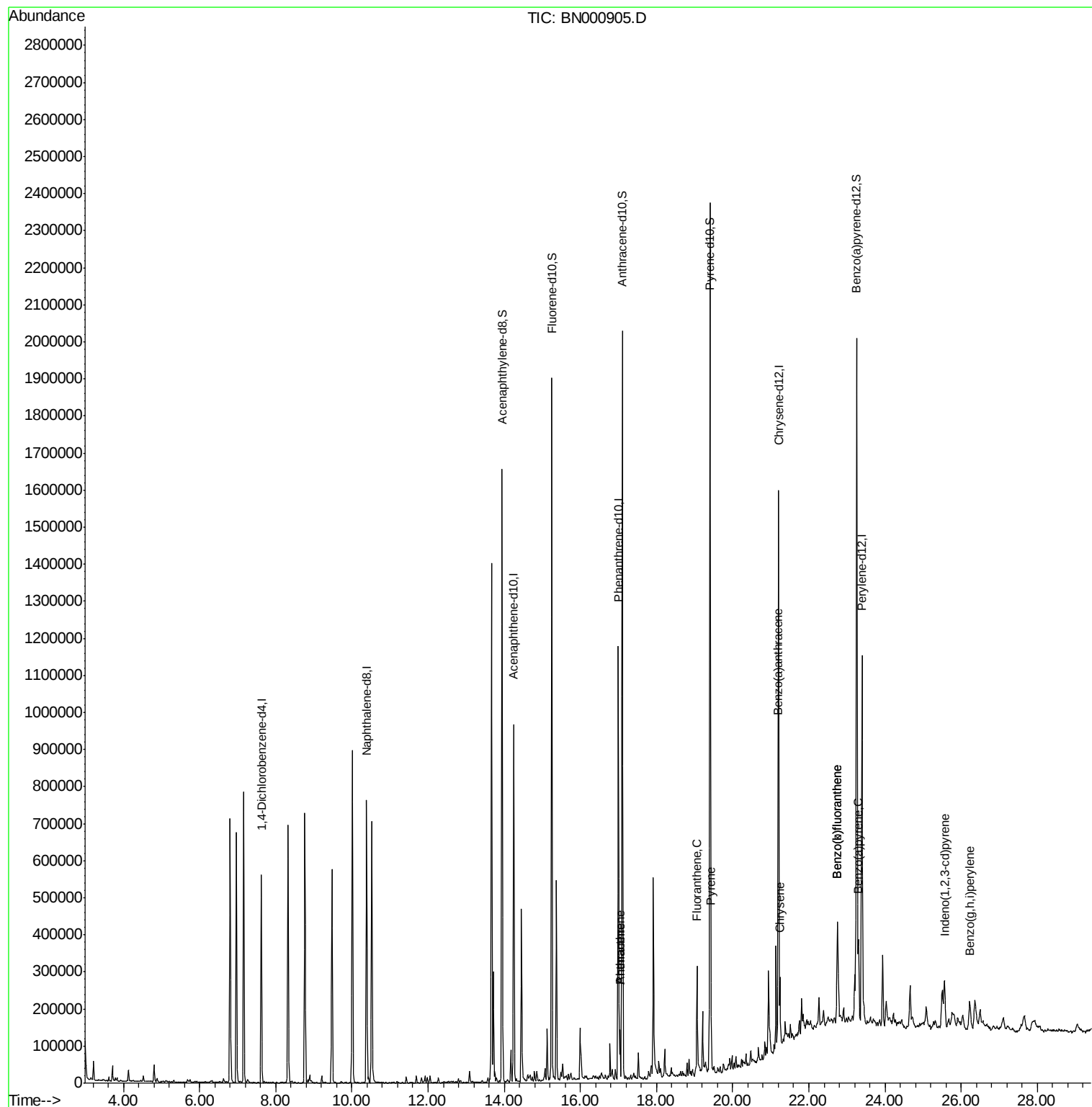
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	139178	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592213	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	299408	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	608178	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	594597	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	621354	20.00	ng/ul	-0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	1052367	36.60	ng/ul	0.00
10) Fluorene-d10	15.25	176	717507	37.38	ng/ul	0.00
14) Anthracene-d10	17.10	188	1034360	37.19	ng/ul	0.00
18) Pyrene-d10	19.40	212	1100366	36.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	1195180	40.72	ng/ul	-0.02
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	69798	2.104	ng/ul	100
15) Anthracene	17.04	178	69689	2.095	ng/ul	99
16) Fluoranthene	19.06	202	140357	4.171	ng/ul#	92
19) Pyrene	19.43	202	126614	3.315	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	81481	2.292	ng/ul	97
21) Chrysene	21.24	228	95255	2.851	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	207742	5.883	ng/ul#	96
24) Benzo(k)fluoranthene	22.75	252	209144	6.053	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	101755	3.015	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.56	276	88208	2.164	ng/ul#	88
29) Benzo(g,h,i)perylene	26.23	276	77647	2.278	ng/ul#	94

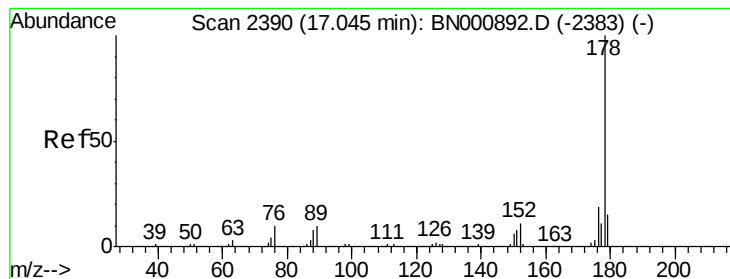
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 2.104 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

Instrument :

BNA_N

ClientSampleId :

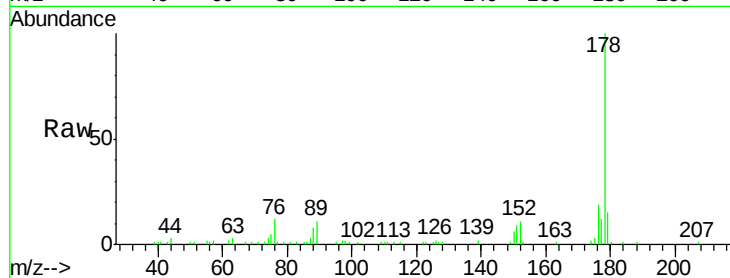
Tot Ion:178 Resp: 69798

Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

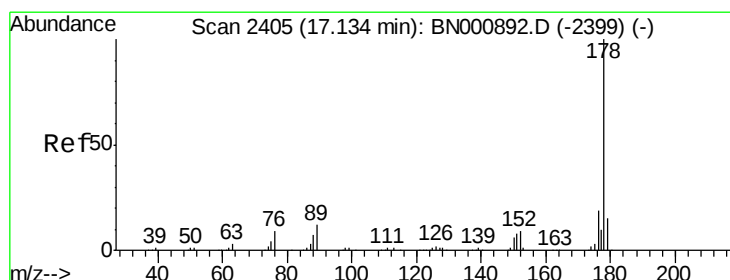
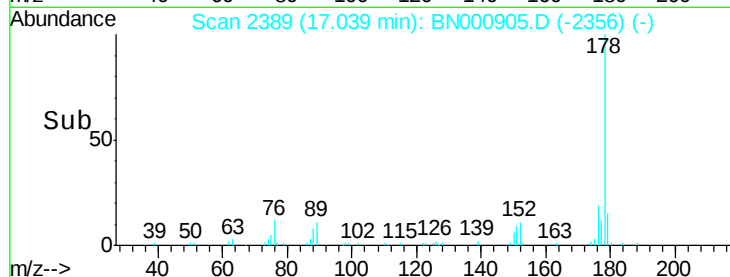
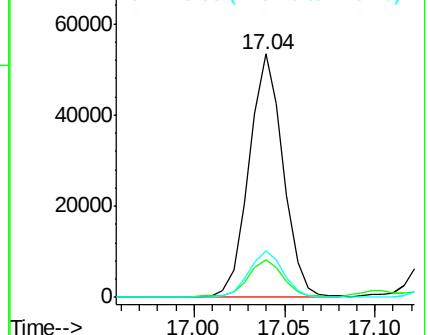
176 18.9 15.1 22.7



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: 2.095 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

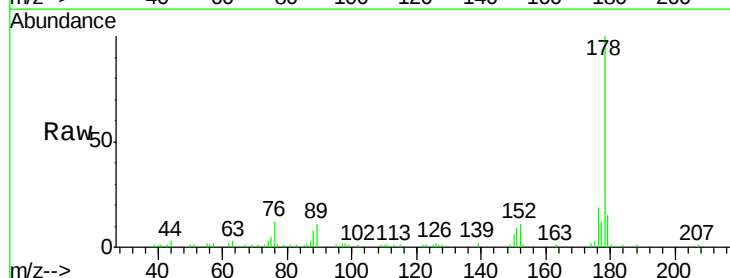
Tgt Ion:178 Resp: 69689

Ion Ratio Lower Upper

178 100

179 15.4 11.8 17.8

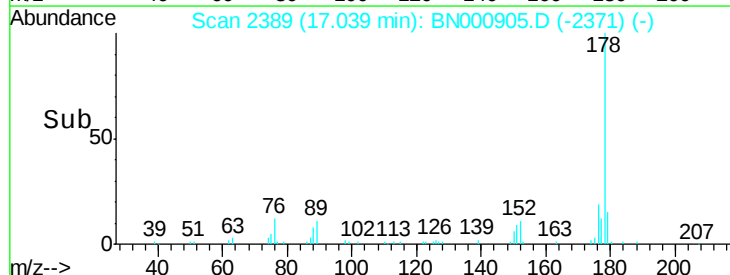
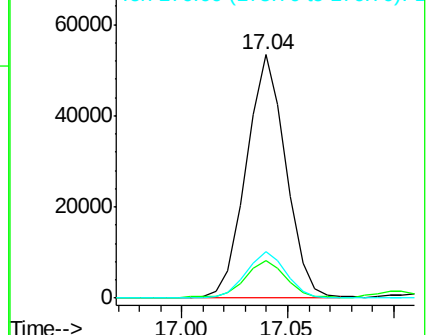
176 18.9 15.2 22.8

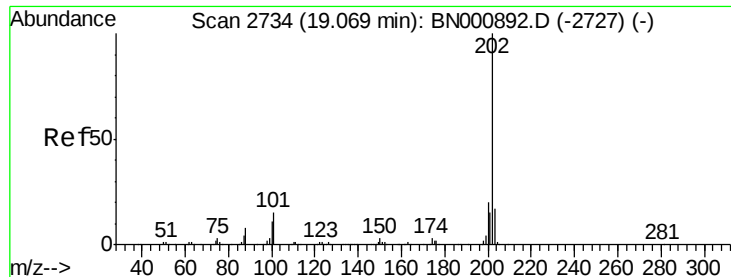


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 4.171 ng/ul

RT: 19.06 min Scan# 2733

Delta R.T. -0.01 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

Instrument :

BNA_N

ClientSampled :

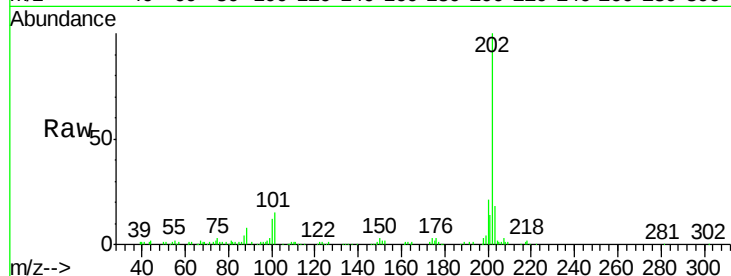
Tot Ion:202 Resp: 140357

Ion Ratio Lower Upper

202 100

101 15.4 9.9 14.9#

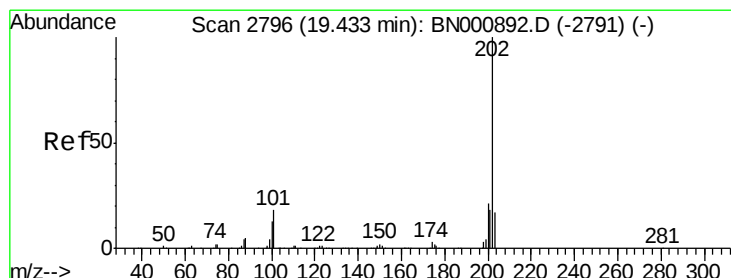
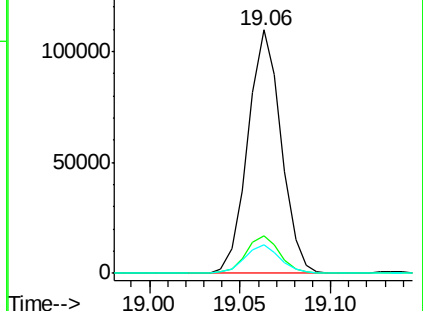
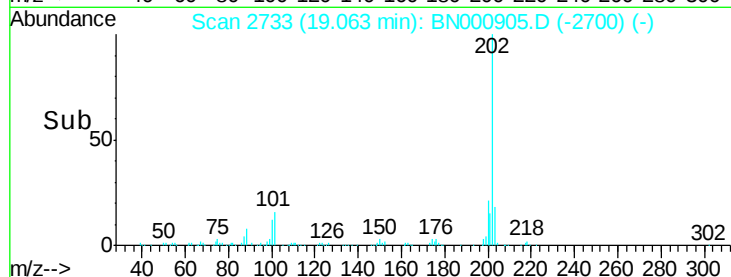
100 11.9 7.4 11.0#



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: 3.315 ng/ul

RT: 19.43 min Scan# 2795

Delta R.T. -0.01 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

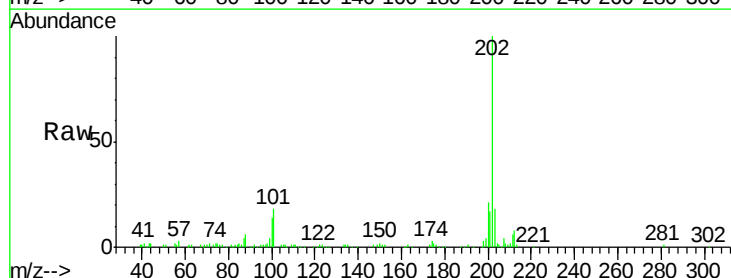
Tgt Ion:202 Resp: 126614

Ion Ratio Lower Upper

202 100

101 17.7 11.0 16.4#

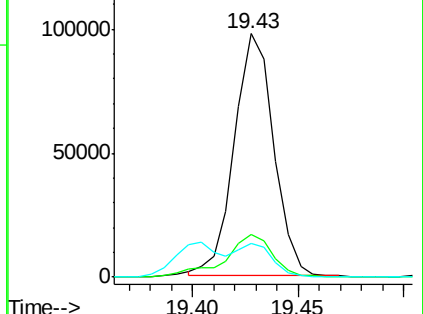
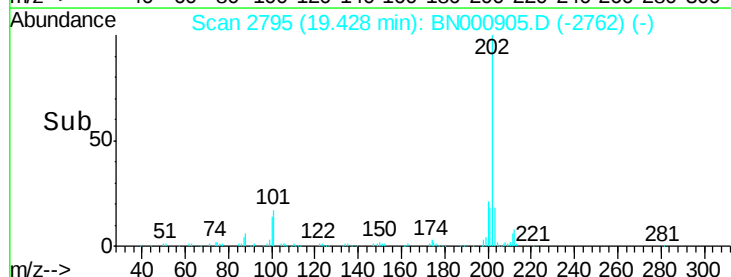
100 14.0 8.1 12.1#

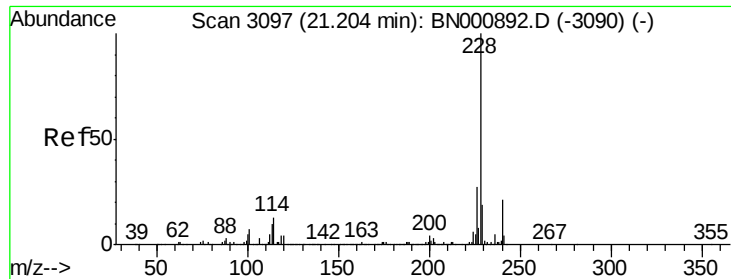


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

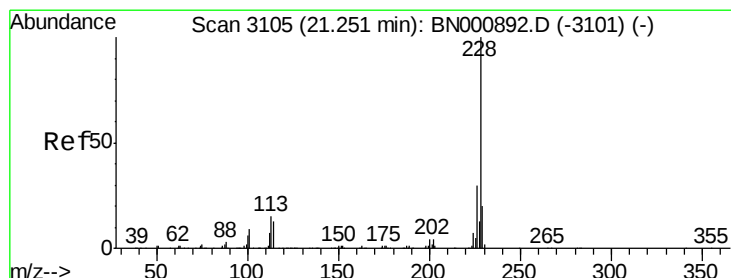
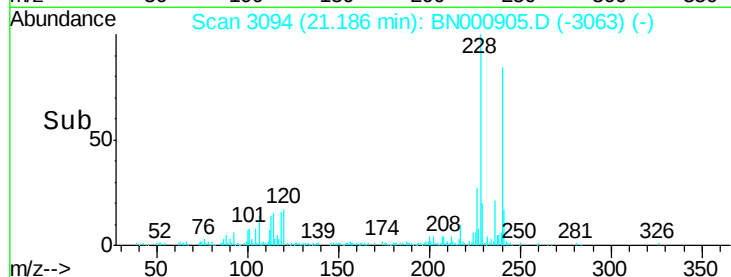
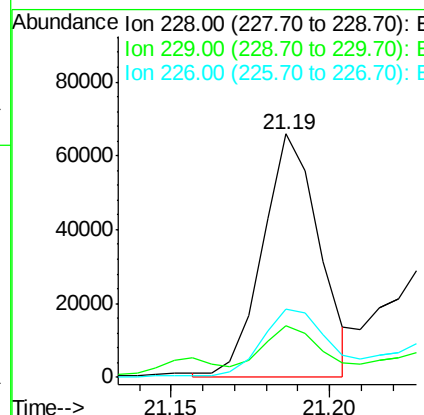
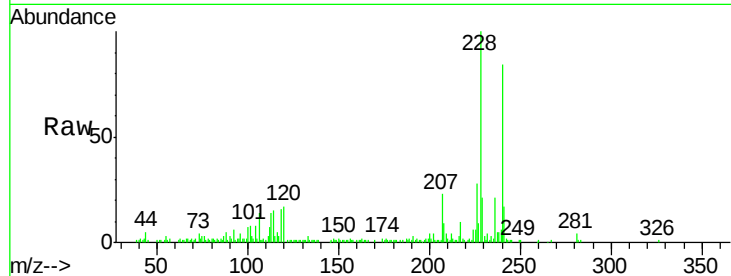




#20
Benzo(a)anthracene
Concen: 2.292 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BN000905.D
Acq: 25 Apr 2018 23:18

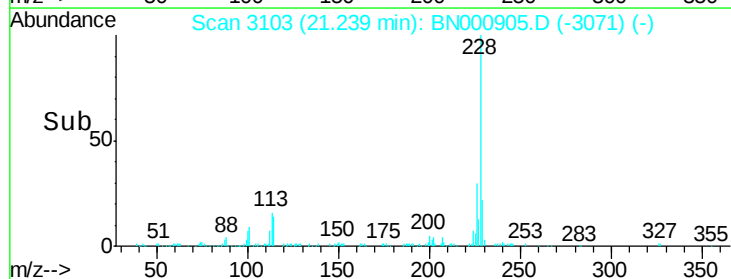
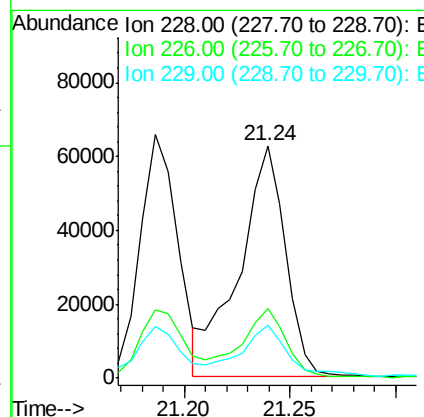
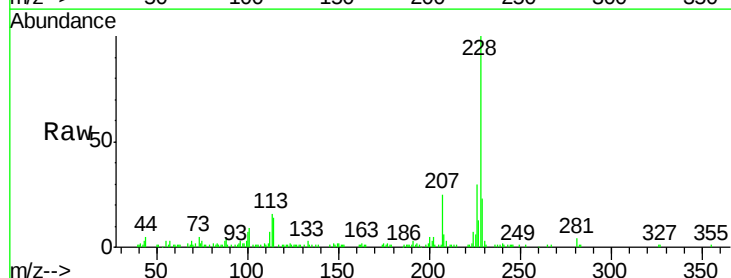
Instrument :
BNA_N
ClientSampleId :

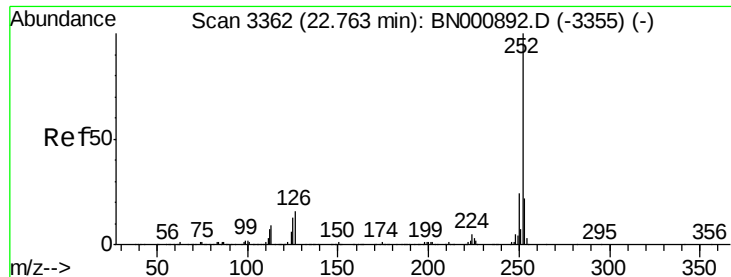
Tot Ion:228 Resp: 81481
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 27.8 21.1 31.7



#21
Chrysene
Concen: 2.851 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN000905.D
Acq: 25 Apr 2018 23:18

Tgt Ion:228 Resp: 95255
Ion Ratio Lower Upper
228 100
226 29.7 24.5 36.7
229 22.6 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 5.883 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. -0.02 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

Instrument :

BNA_N

ClientSampleId :

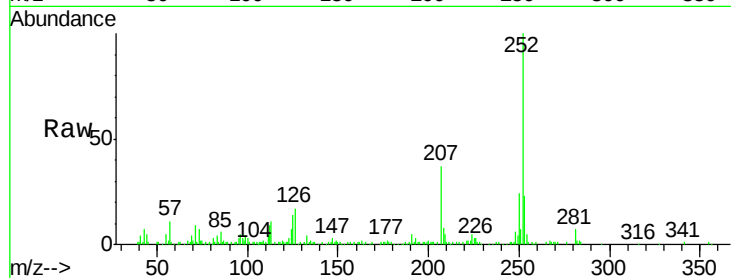
Tot Ion:252 Resp: 207742

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

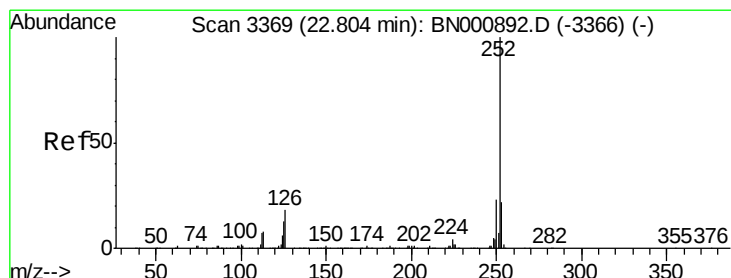
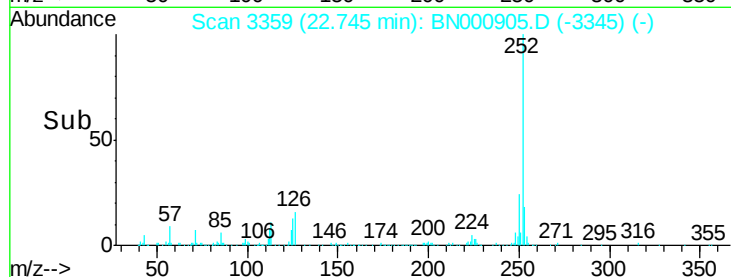
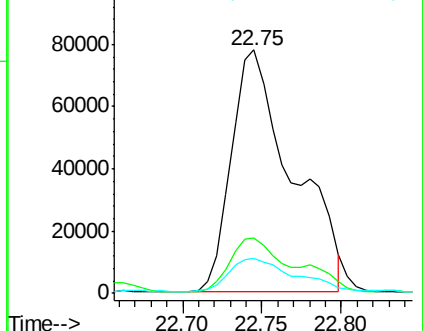
125 14.2 8.0 12.0#



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: 6.053 ng/ul

RT: 22.75 min Scan# 3359

Delta R.T. -0.06 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

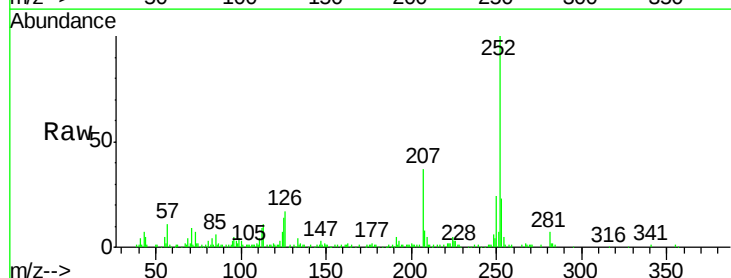
Tgt Ion:252 Resp: 209144

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

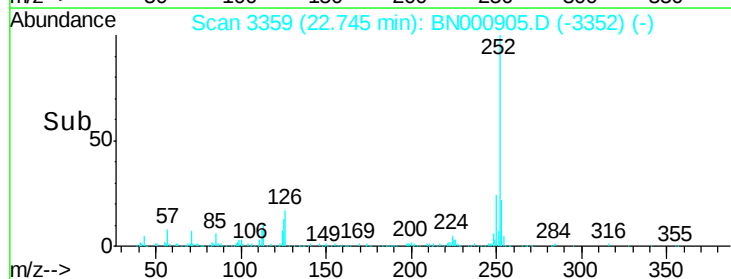
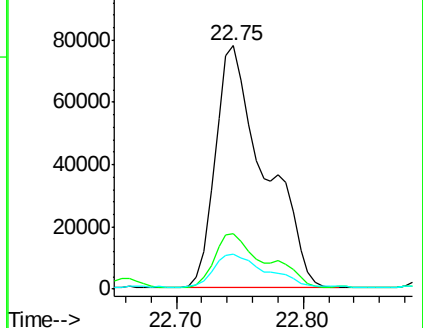
125 14.2 8.1 12.1#

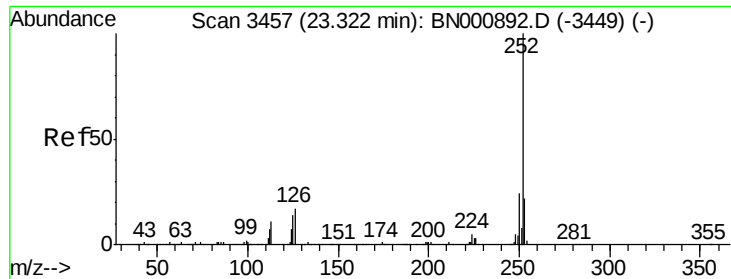


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.015 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. -0.02 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

Instrument :

BNA_N

ClientSampleId :

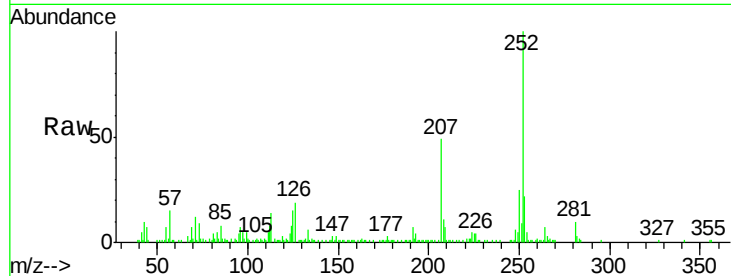
Tot Ion:252 Resp: 101755

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

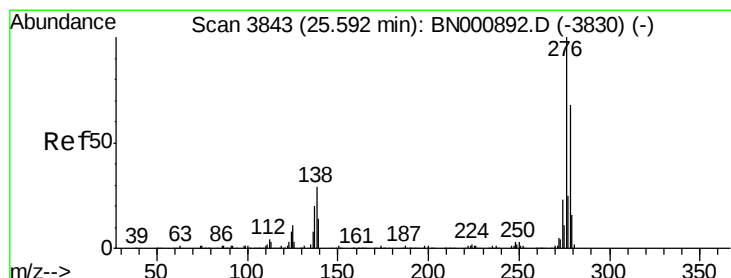
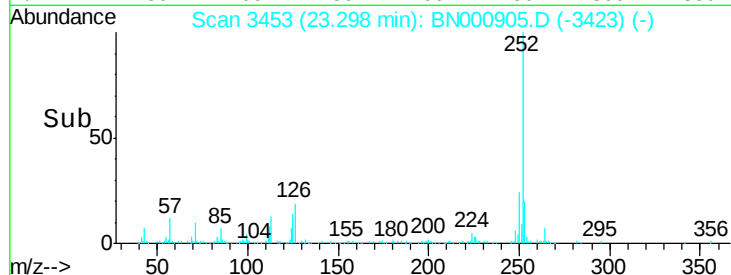
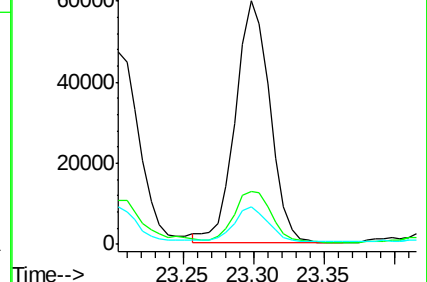
125 15.3 8.2 12.4#



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: 2.164 ng/ul

RT: 25.56 min Scan# 3838

Delta R.T. -0.03 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

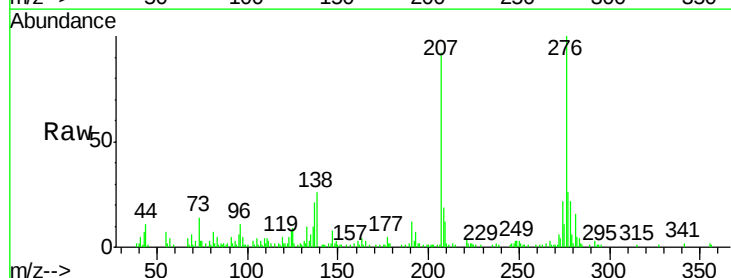
Tgt Ion:276 Resp: 88208

Ion Ratio Lower Upper

276 100

138 26.1 14.4 21.6#

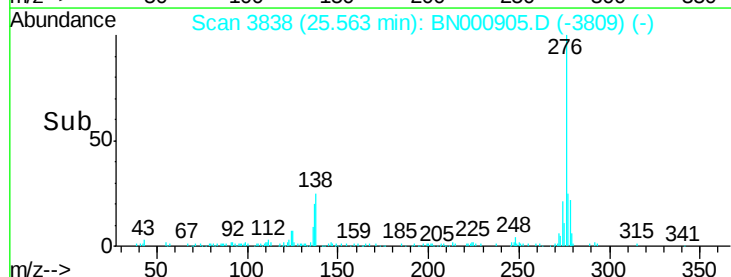
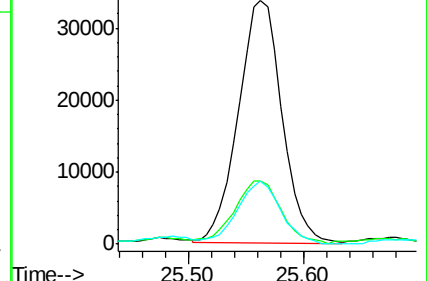
277 26.2 18.0 27.0

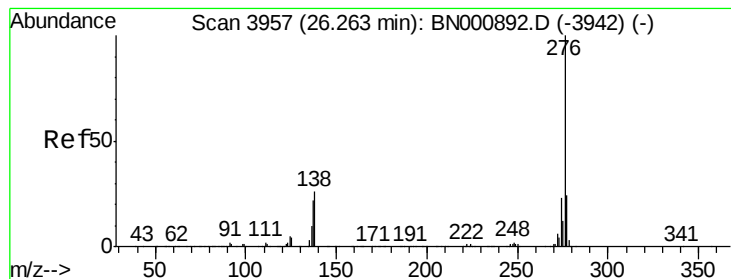


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 2.278 ng/ul

RT: 26.23 min Scan# 3951

Delta R.T. -0.04 min

Lab File: BN000905.D

Acq: 25 Apr 2018 23:18

Instrument :

BNA_N

ClientSampleId :

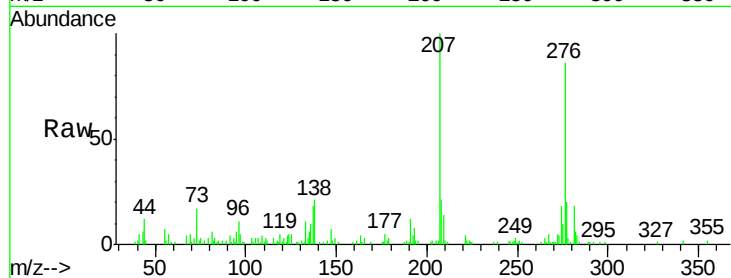
Tot Ion:276 Resp: 77647

Ion Ratio Lower Upper

276 100

138 24.9 15.3 22.9#

277 23.2 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

