

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001032.D
 Acq On : 01 May 2018 16:10
 Operator : JU/SJ
 Sample : J2599-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 07:20:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 07:19:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	104053	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	431946	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	212905	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	442025	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	429036	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	450864	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	515896	25.23	ng/ul	0.00
10) Fluorene-d10	15.25	176	360021	26.38	ng/ul	0.00
14) Anthracene-d10	17.10	188	524245	25.94	ng/ul	0.00
18) Pyrene-d10	19.40	212	568361	25.85	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	607411	28.52	ng/ul	0.00

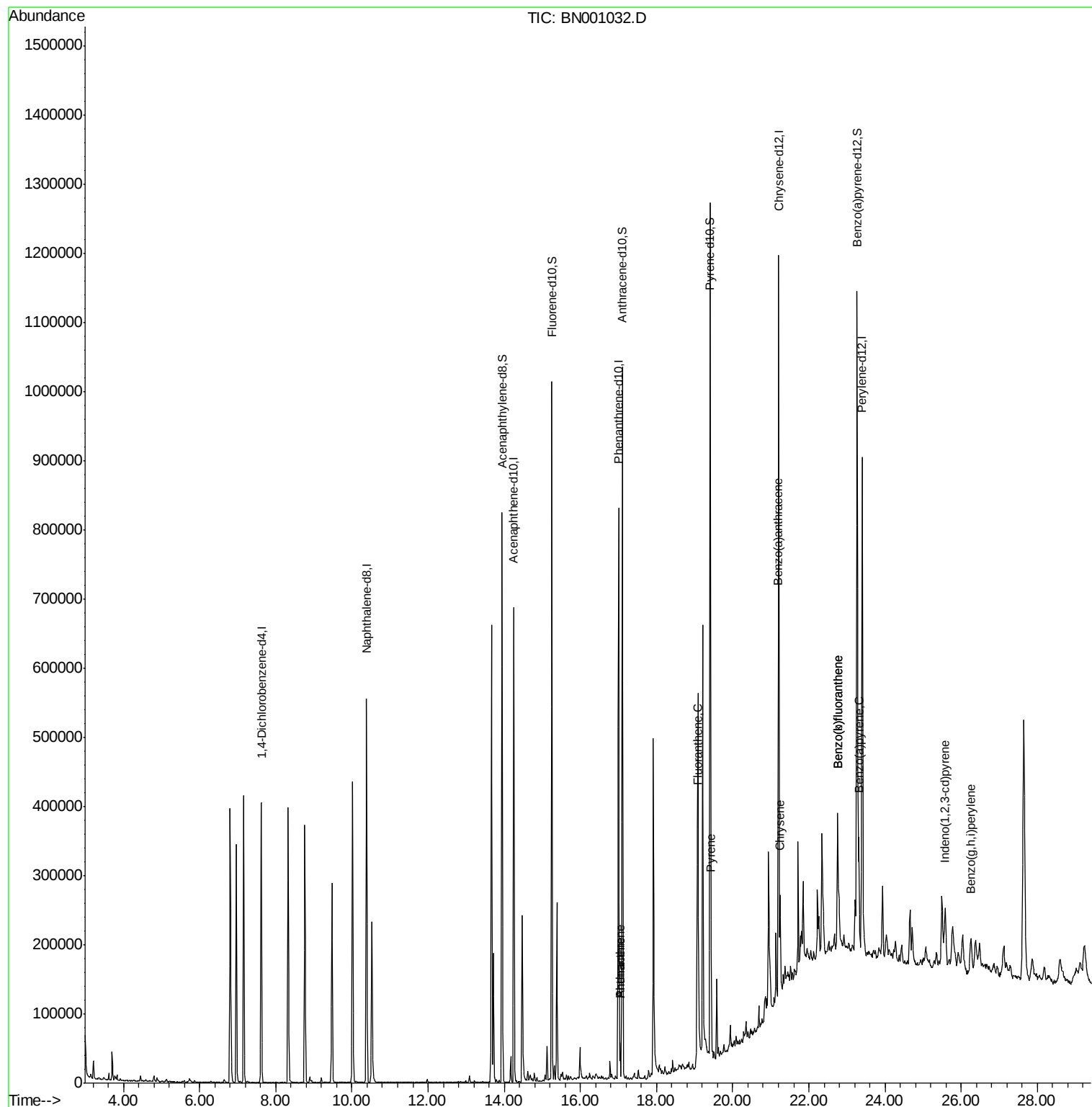
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.05	178	29499	1.224	ng/ul	99
15) Anthracene	17.05	178	29499	1.220	ng/ul	99
16) Fluoranthene	19.07	202	124138	5.075	ng/ul#	94
19) Pyrene	19.43	202	102963	3.736	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	53281	2.077	ng/ul	100
21) Chrysene	21.25	228	70329	2.918	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	131876	5.147	ng/ul#	95
24) Benzo(k)fluoranthene	22.75	252	110312	4.400	ng/ul#	95
26) Benzo(a)pyrene	23.31	252	59888	2.446	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.58	276	51755	1.750	ng/ul#	90
29) Benzo(g,h,i)perylene	26.25	276	48127	1.946	ng/ul#	89

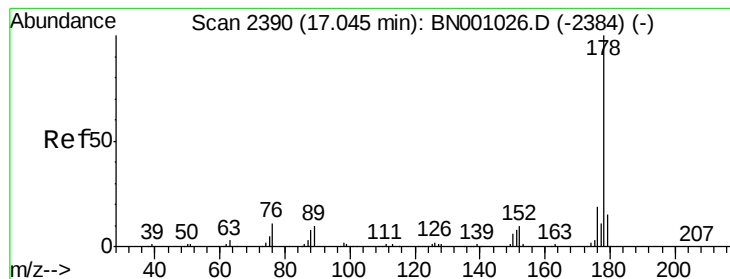
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.224 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

Instrument :

BNA_N

ClientSampled :

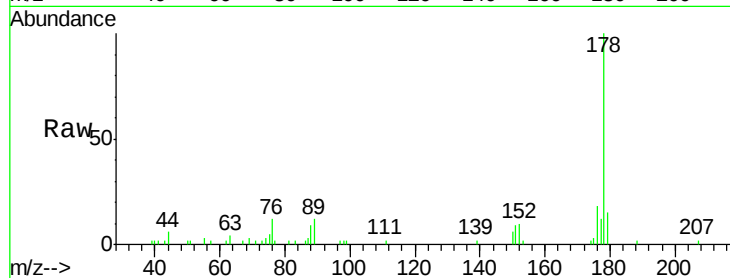
Tot Ion:178 Resp: 29499

Ion Ratio Lower Upper

178 100

179 14.8 12.3 18.5

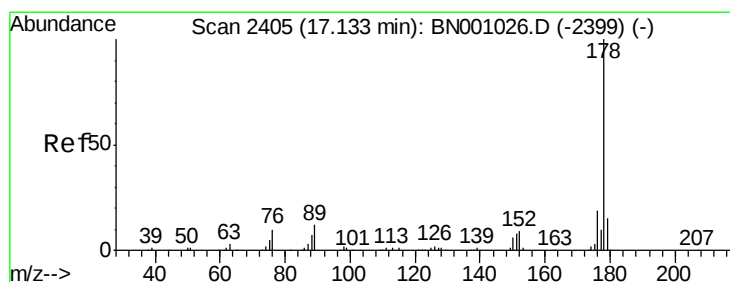
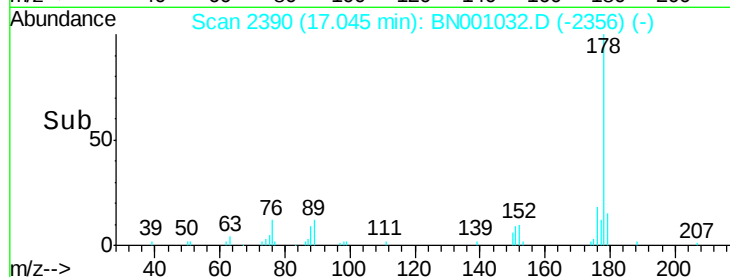
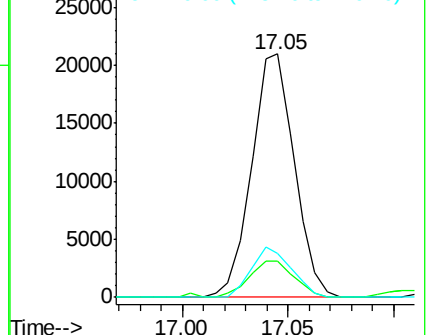
176 18.3 15.1 22.7



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: 1.220 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.09 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

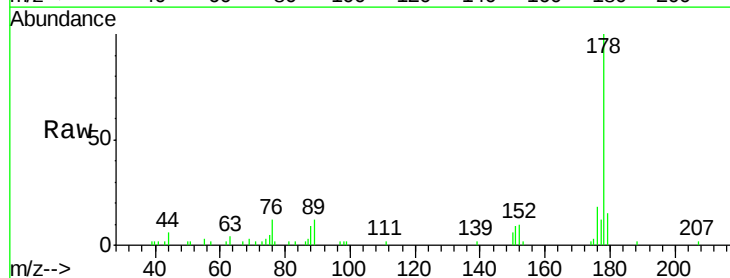
Tgt Ion:178 Resp: 29499

Ion Ratio Lower Upper

178 100

179 14.8 11.8 17.8

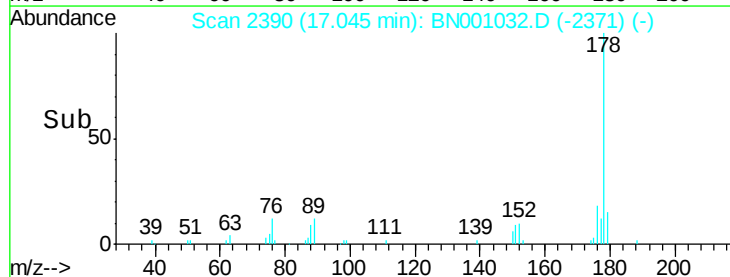
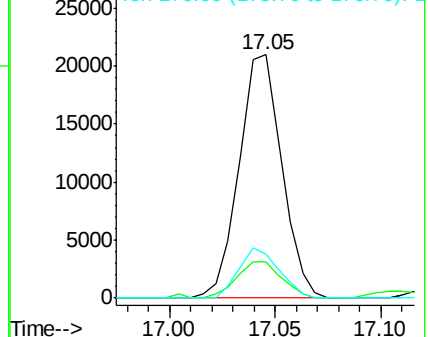
176 18.3 15.2 22.8

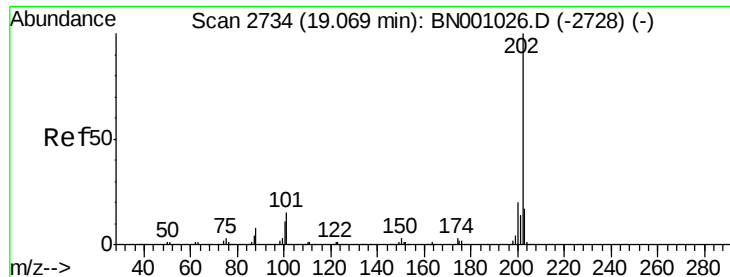


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

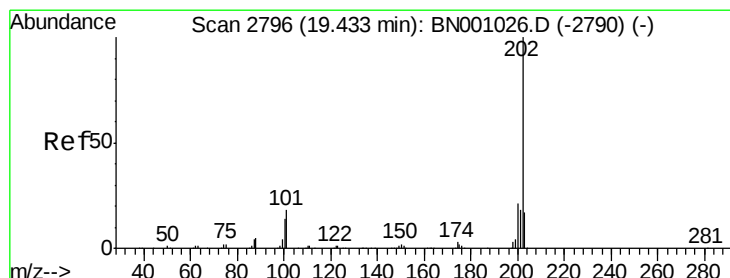
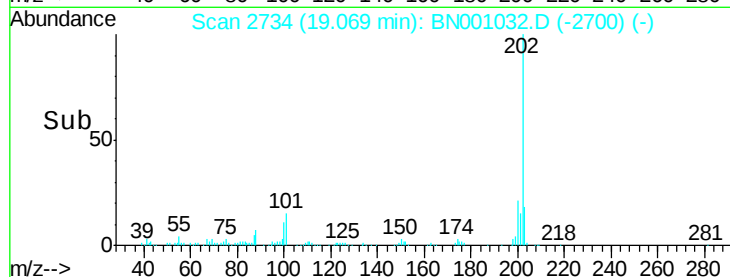
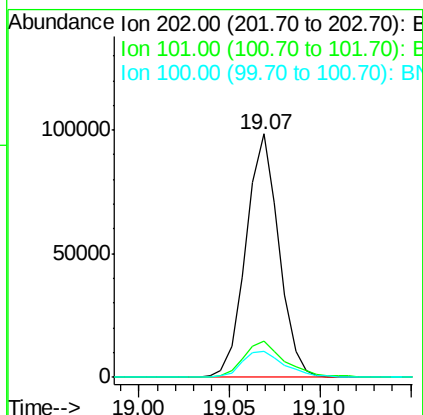
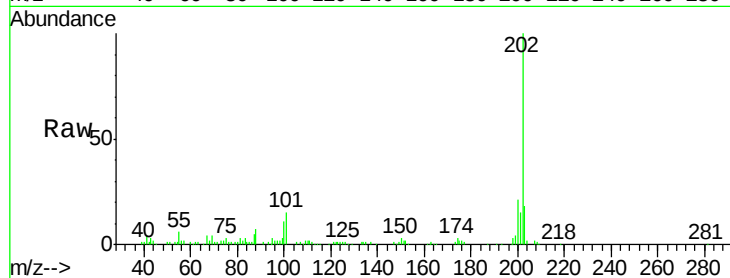




#16
Fluoranthene
 Concen: 5.075 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: BN001032.D
 Acq: 01 May 2018 16:10

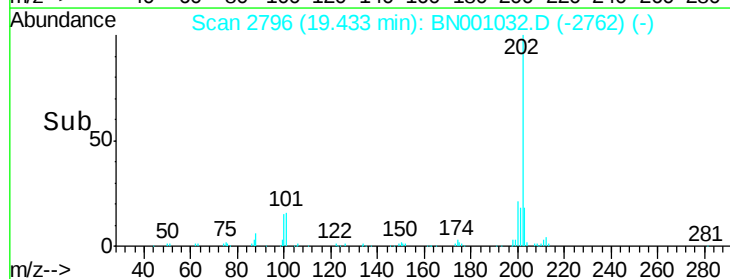
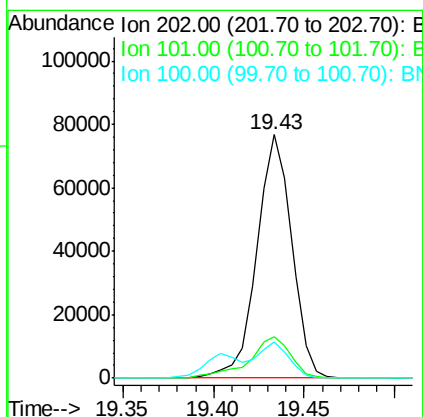
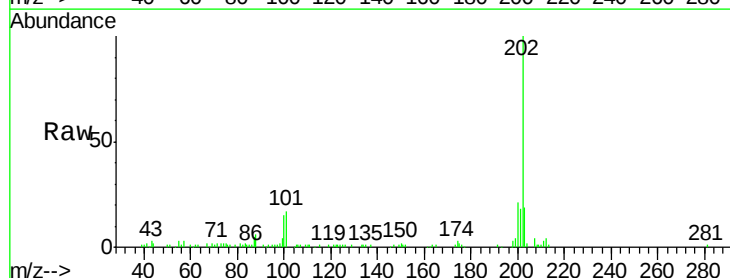
Instrument :
 BNA_N
 ClientSampleId :

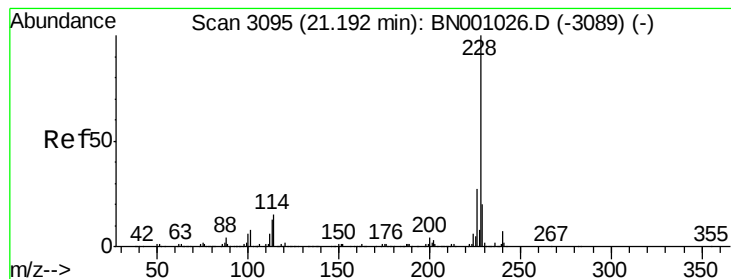
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.9	14.9#
100	10.9	7.4	11.0



#19
Pyrene
 Concen: 3.736 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. 0.00 min
 Lab File: BN001032.D
 Acq: 01 May 2018 16:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	11.0	16.4#
100	14.7	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 2.077 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

Instrument :

BNA_N

ClientSampleId :

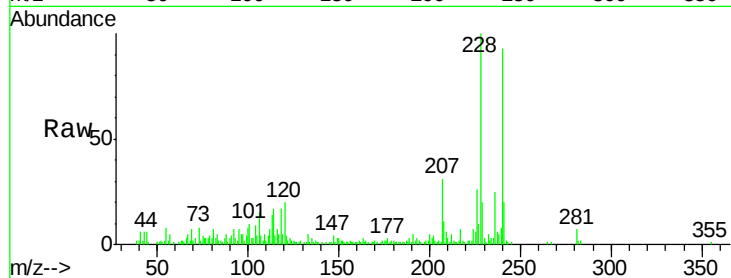
Tot Ion:228 Resp: 53281

Ion Ratio Lower Upper

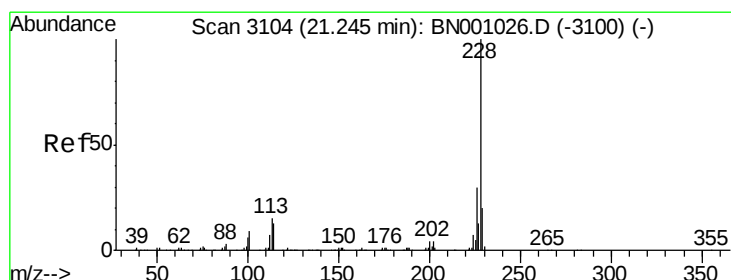
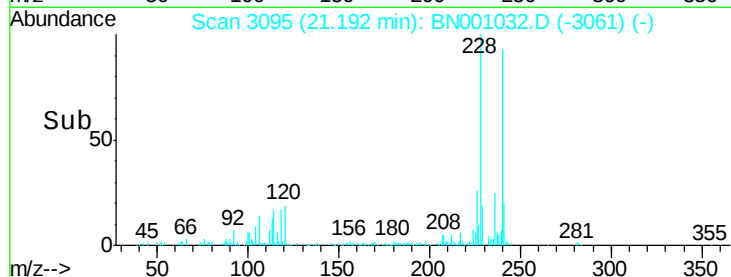
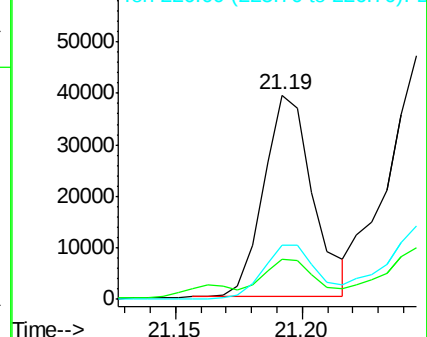
228 100

229 19.7 15.7 23.5

226 26.5 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: 2.918 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.00 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

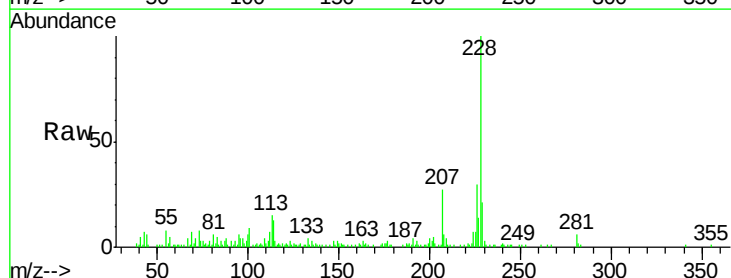
Tgt Ion:228 Resp: 70329

Ion Ratio Lower Upper

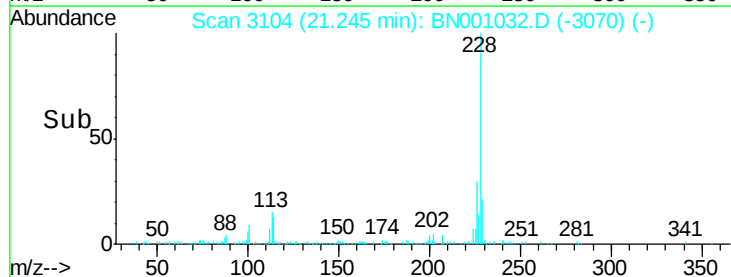
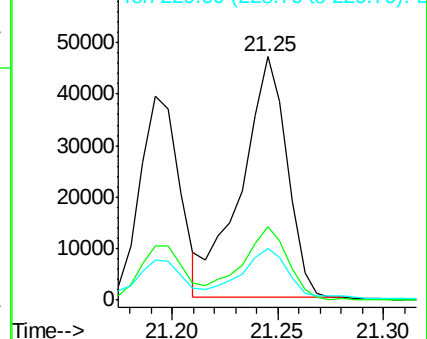
228 100

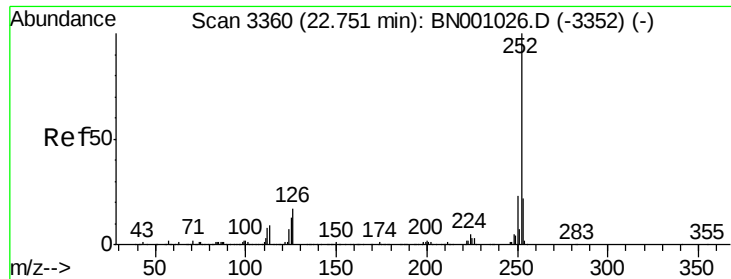
226 30.0 24.5 36.7

229 21.3 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

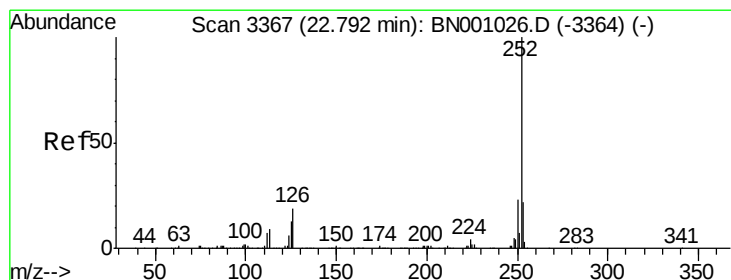
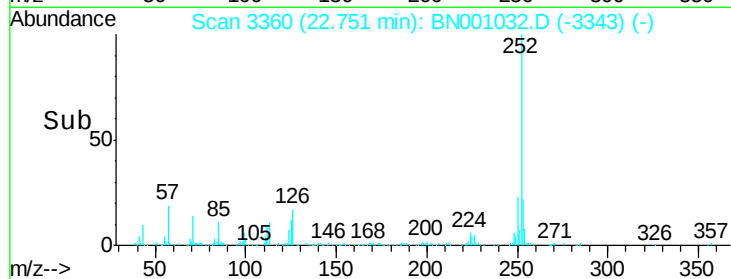
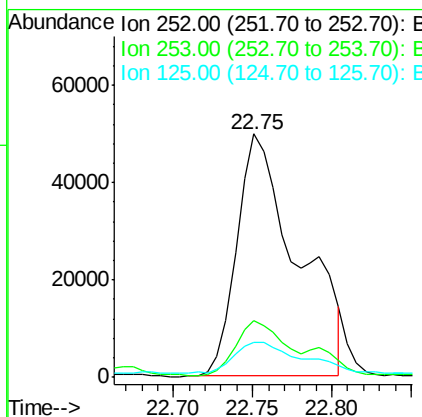
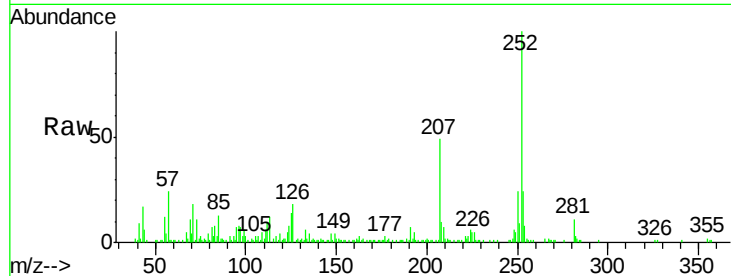




#23
Benzo(b)fluoranthene
Concen: 5.147 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

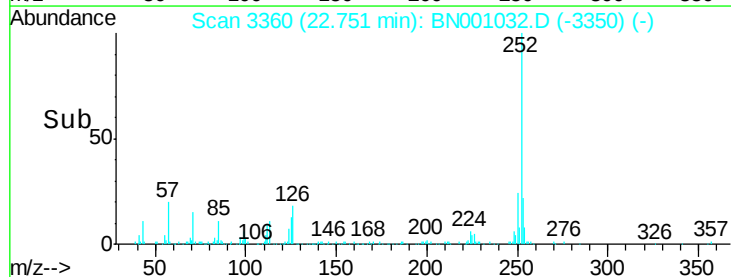
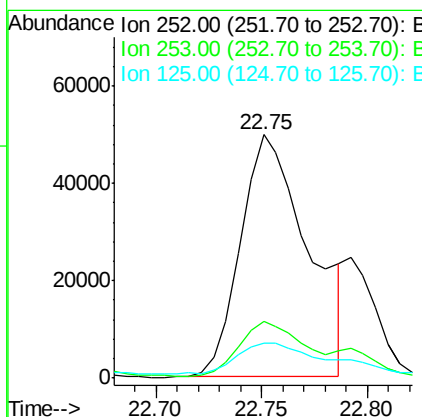
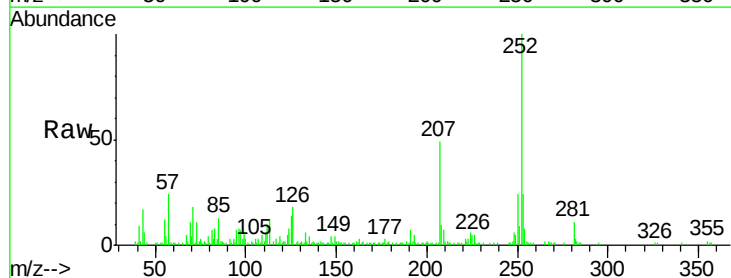
Instrument :
BNA_N
ClientSampleId :

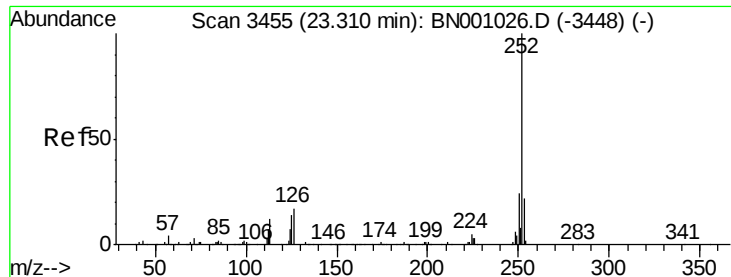
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.4	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 4.400 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN001032.D
Acq: 01 May 2018 16:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	14.4	8.1	12.1





#26

Benzo(a)pyrene

Concen: 2.446 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

Instrument :

BNA_N

ClientSampleId :

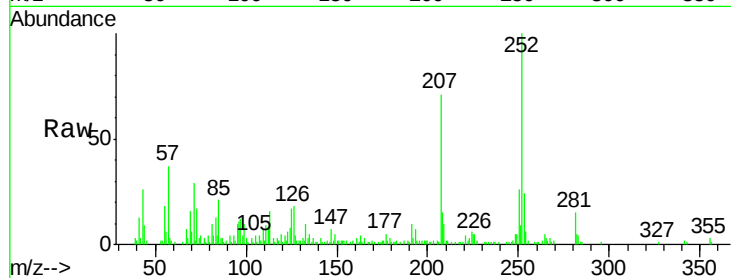
Tot Ion:252 Resp: 59888

Ion Ratio Lower Upper

252 100

253 23.7 17.2 25.8

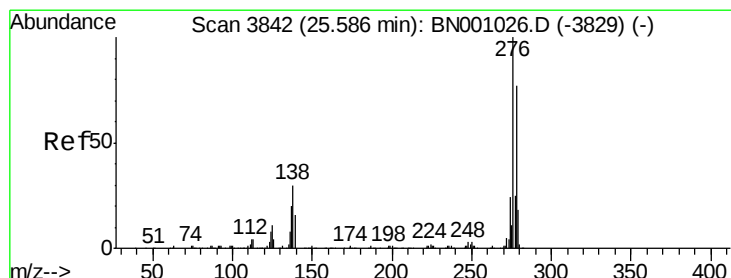
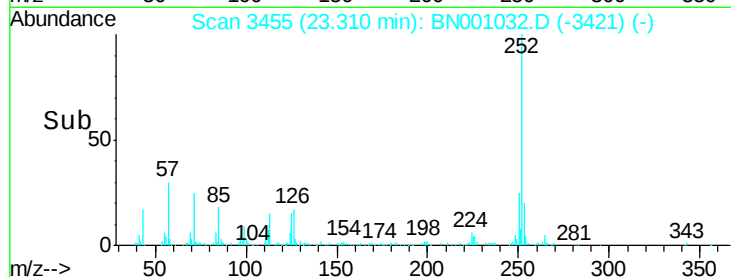
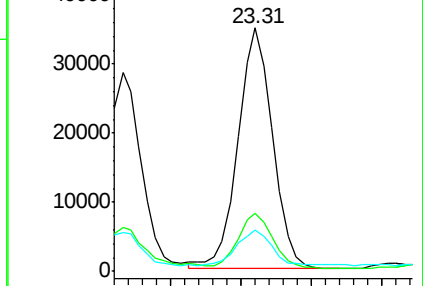
125 16.8 8.2 12.4#



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: 1.750 ng/ul

RT: 25.58 min Scan# 3841

Delta R.T. -0.01 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

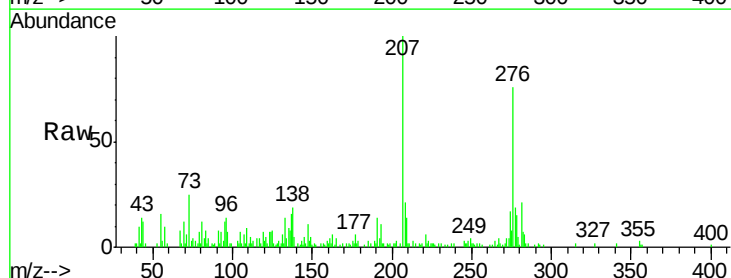
Tgt Ion:276 Resp: 51755

Ion Ratio Lower Upper

276 100

138 25.5 14.4 21.6#

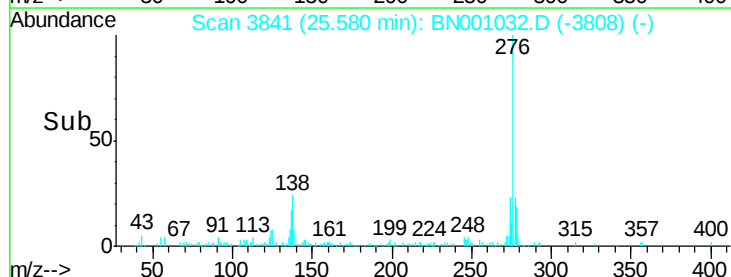
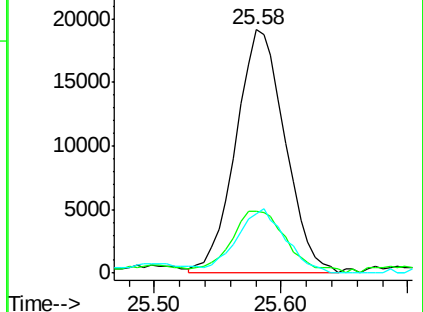
277 24.5 18.0 27.0

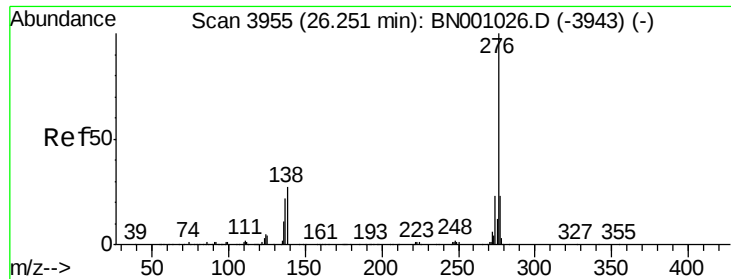


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 1.946 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. 0.00 min

Lab File: BN001032.D

Acq: 01 May 2018 16:10

Instrument :

BNA_N

ClientSampleId :

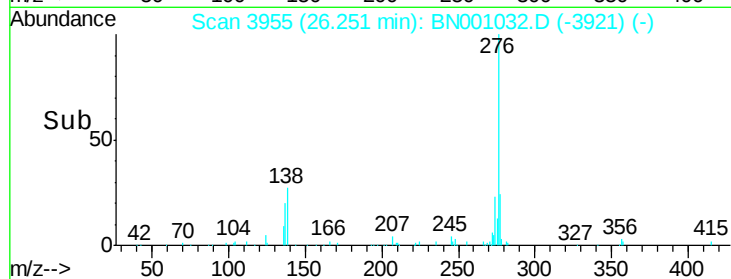
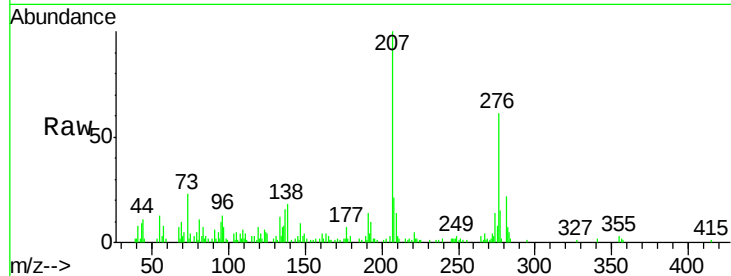
Tot Ion: 276 Resp: 48127

Ion Ratio Lower Upper

276 100

138 29.1 15.3 22.9#

277 24.3 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

