

Data Path : Z:\HPCHEM1\BNA N\DATA\BN043018\
 Data File : BN001012.D
 Acq On : 01 May 2018 02:17
 Operator : JU/SJ
 Sample : J2602-10
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 01 05:43:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 01 01:47:00 2018
 Response via : Initial Calibration

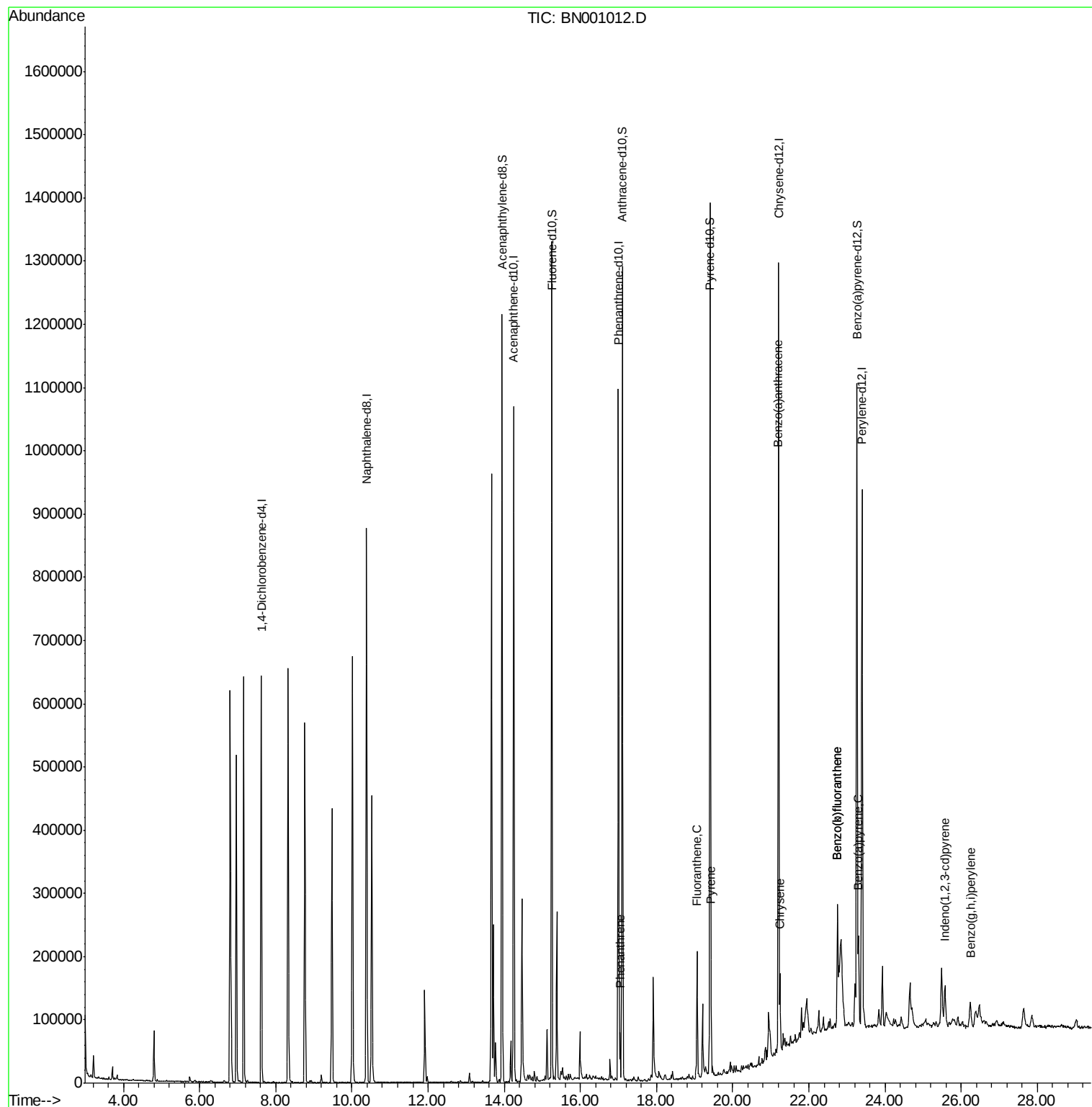
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	162332	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	692957	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	331227	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	586895	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	499621	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	526090	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	736695	23.16	ng/ul	0.00
10) Fluorene-d10	15.25	176	493110	23.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	632188	23.56	ng/ul	0.00
18) Pyrene-d10	19.40	212	618891	24.18	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	658160	26.48	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	40854	1.276	ng/ul	98
16) Fluoranthene	19.07	202	113450	3.493	ng/ul#	95
19) Pyrene	19.43	202	99881	3.112	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	39747	1.331	ng/ul	99
21) Chrysene	21.24	228	55964	1.994	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	95514	3.195	ng/ul#	96
24) Benzo(k)fluoranthene	22.74	252	116988	3.999	ng/ul#	96
26) Benzo(a)pyrene	23.30	252	54501	1.907	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.57	276	46960	1.361	ng/ul#	84
29) Benzo(g,h,i)perylene	26.24	276	40558	1.405	ng/ul#	92

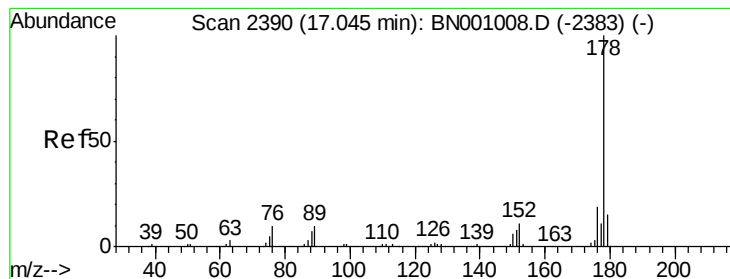
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.276 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001012.D

Acq: 01 May 2018 02:17

Instrument :

BNA_N

ClientSampleId :

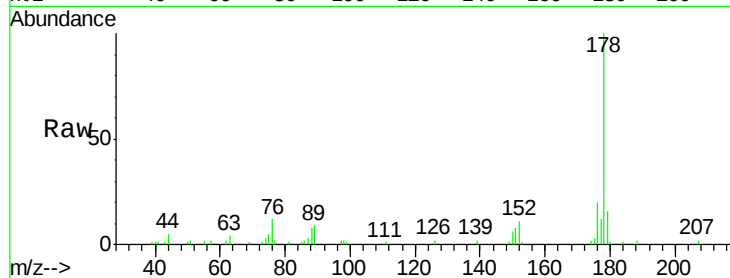
Tot Ion:178 Resp: 40854

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

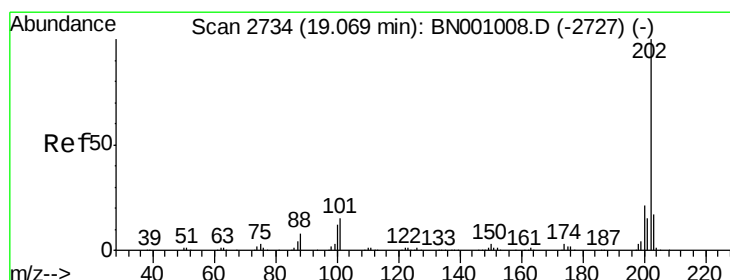
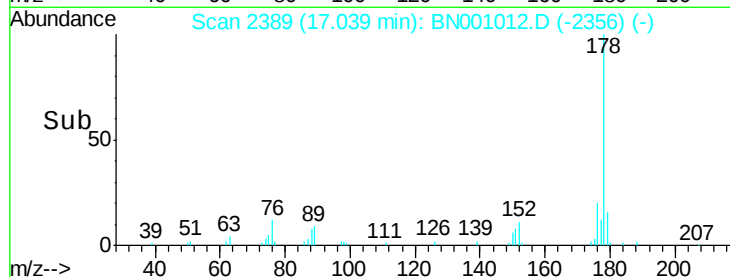
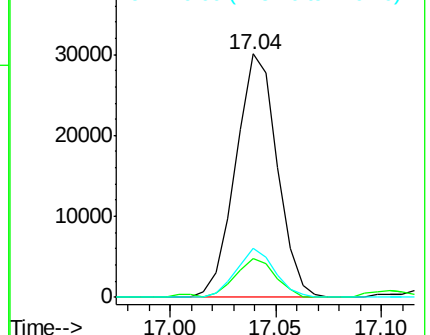
176 20.1 15.1 22.7



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



#16

Fluoranthene

Concen: 3.493 ng/ul

RT: 19.07 min Scan# 2734

Delta R.T. -0.00 min

Lab File: BN001012.D

Acq: 01 May 2018 02:17

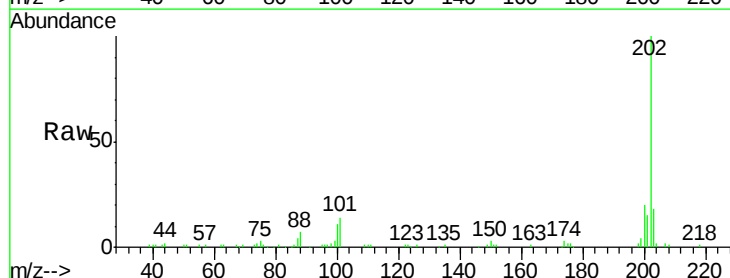
Tgt Ion:202 Resp: 113450

Ion Ratio Lower Upper

202 100

101 14.1 9.9 14.9

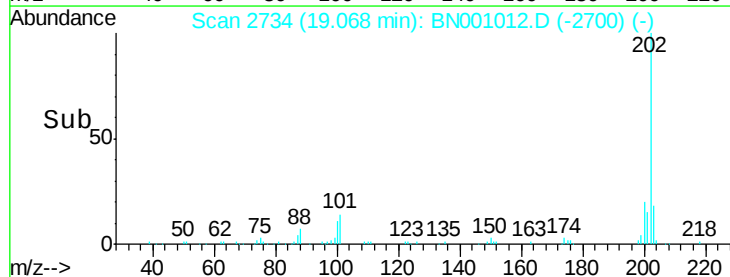
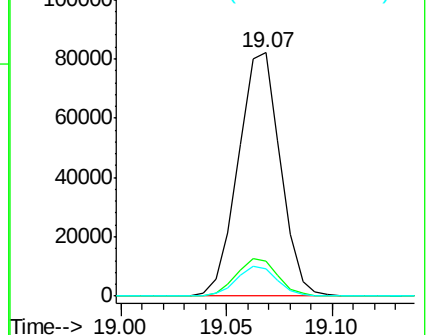
100 11.2 7.4 11.0#

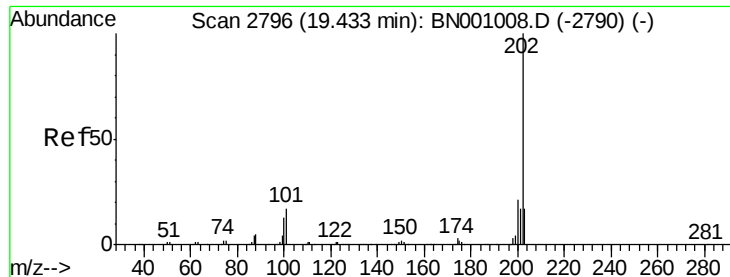


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

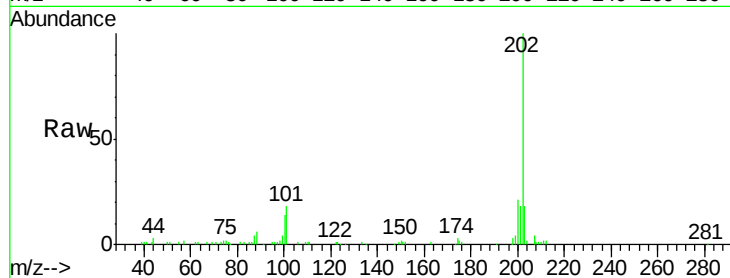




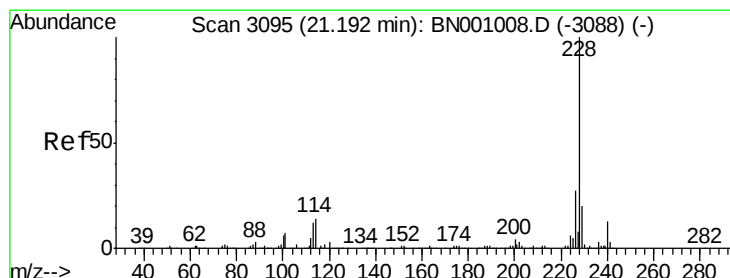
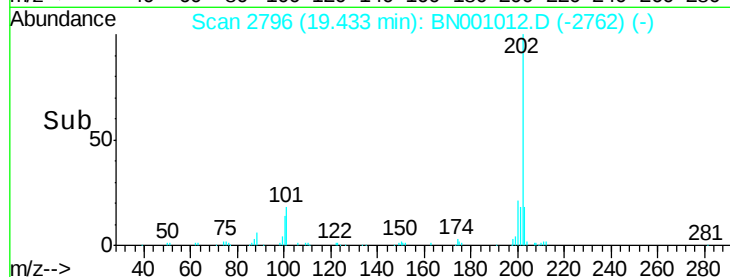
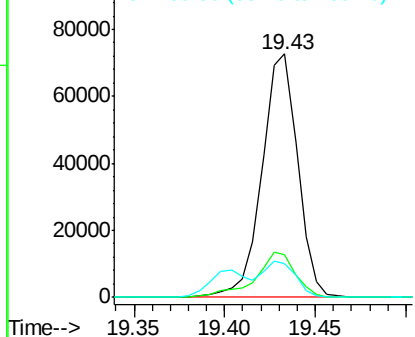
#19
Pvrene
Concen: 3.112 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001012.D
Acq: 01 May 2018 02:17

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	17.6	11.0	16.4
100	13.8	8.1	12.1

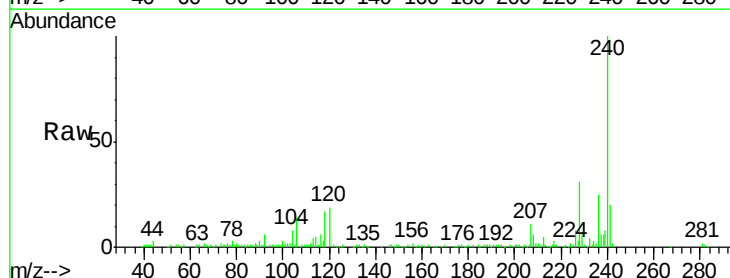


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

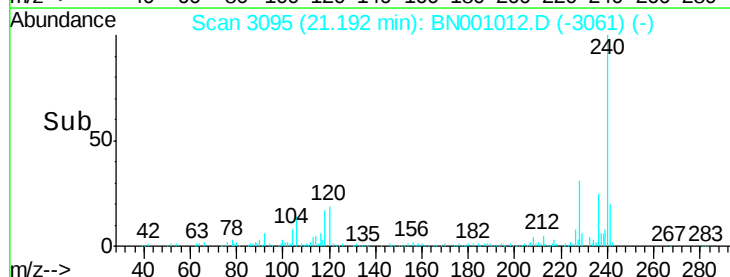
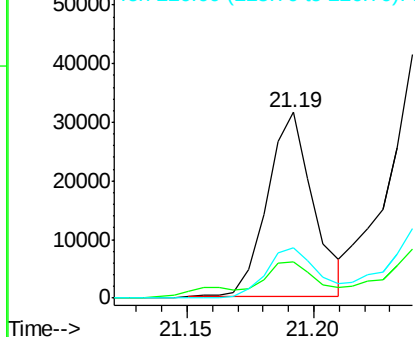


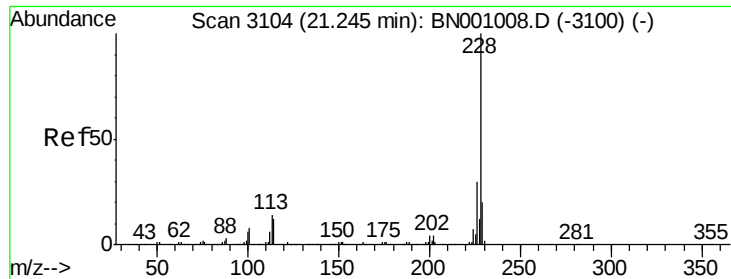
#20
Benzo(a)anthracene
Concen: 1.331 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN001012.D
Acq: 01 May 2018 02:17

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	26.8	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

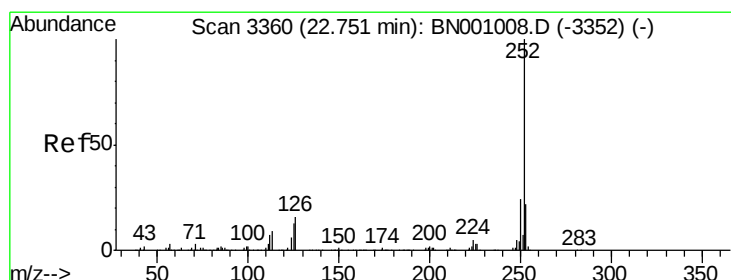
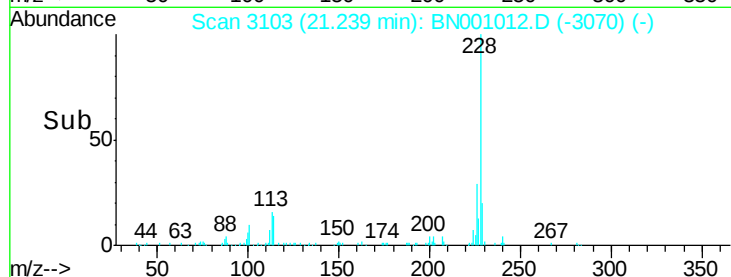
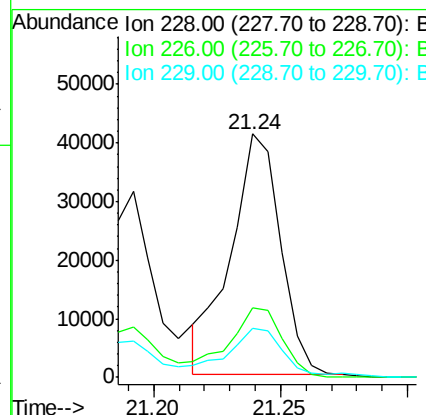
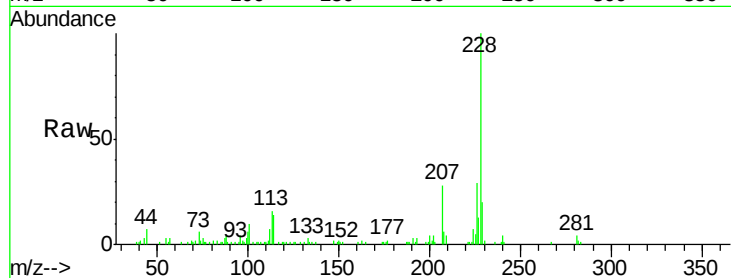




#21
Chrysene
Concen: 1.994 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001012.D
Acq: 01 May 2018 02:17

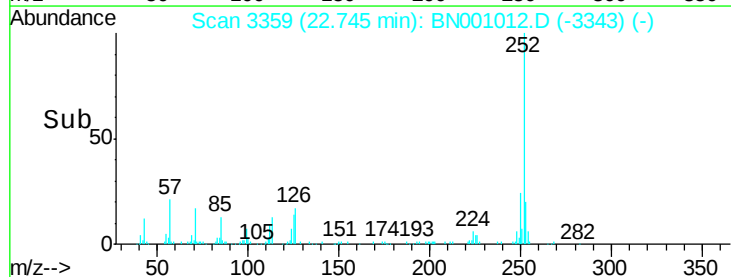
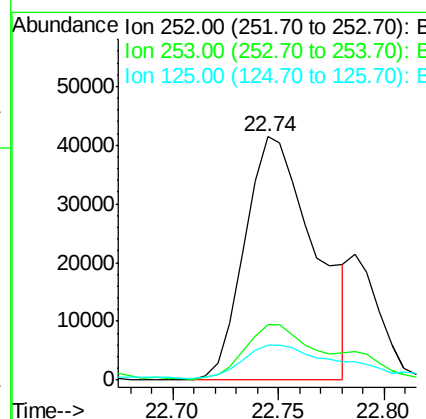
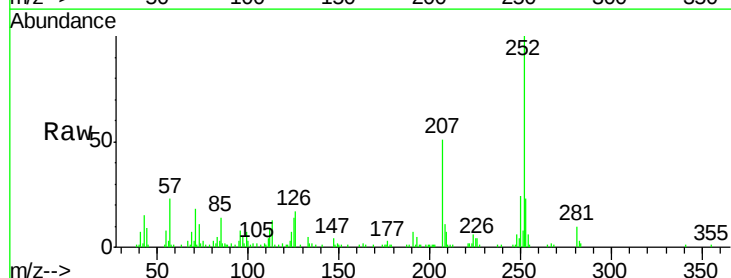
Instrument :
BNA_N
ClientSampled :

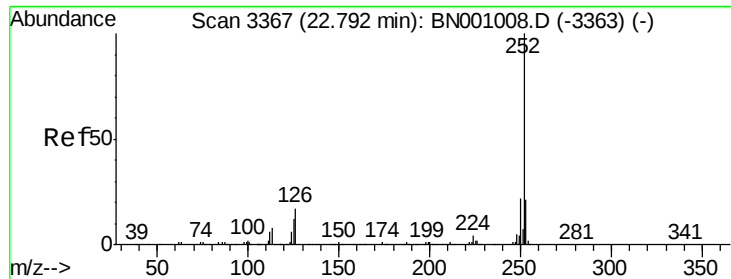
Tot Ion:228 Resp: 55964
Ion Ratio Lower Upper
228 100
226 28.6 24.5 36.7
229 20.4 15.8 23.8



#23
Benzo(b)fluoranthene
Concen: 3.195 ng/ul
RT: 22.74 min Scan# 3359
Delta R.T. -0.01 min
Lab File: BN001012.D
Acq: 01 May 2018 02:17

Tgt Ion:252 Resp: 95514
Ion Ratio Lower Upper
252 100
253 22.8 18.0 27.0
125 14.3 8.0 12.0#





#24

Benzo(k)fluoranthene

Concen: 3.999 ng/ul

RT: 22.74 min Scan# 3359

Delta R.T. -0.05 min

Lab File: BN001012.D

Acq: 01 May 2018 02:17

Instrument :

BNA_N

ClientSampleId :

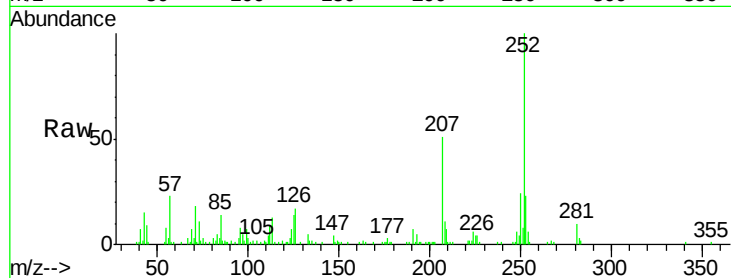
Tot Ion:252 Resp: 116988

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

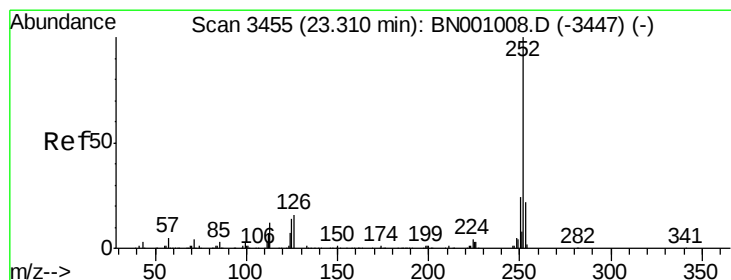
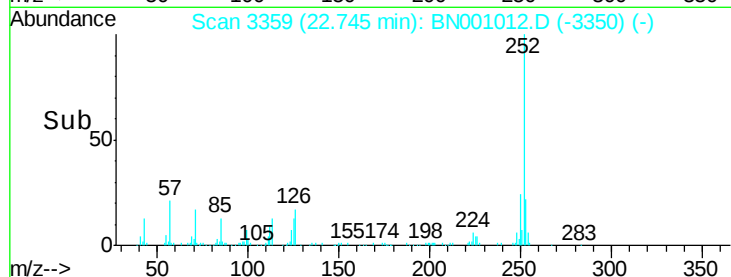
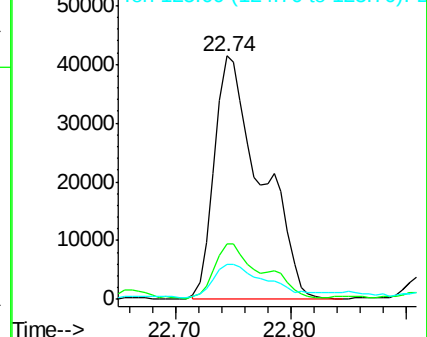
125 14.3 8.1 12.1#



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: 1.907 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BN001012.D

Acq: 01 May 2018 02:17

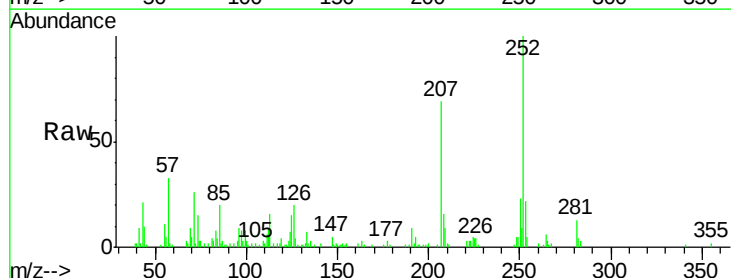
Tgt Ion:252 Resp: 54501

Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

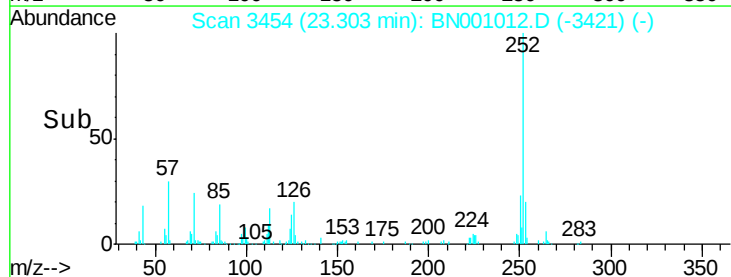
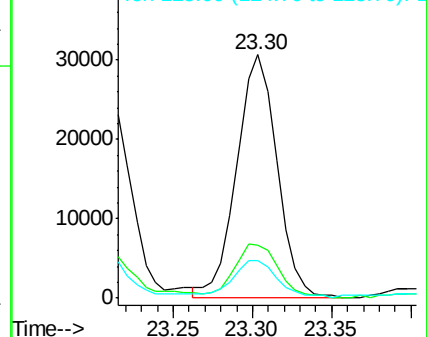
125 15.2 8.2 12.4#

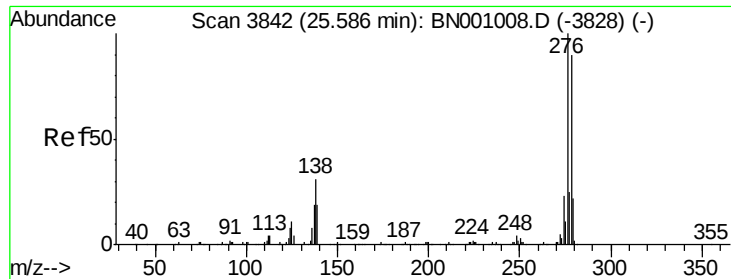


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

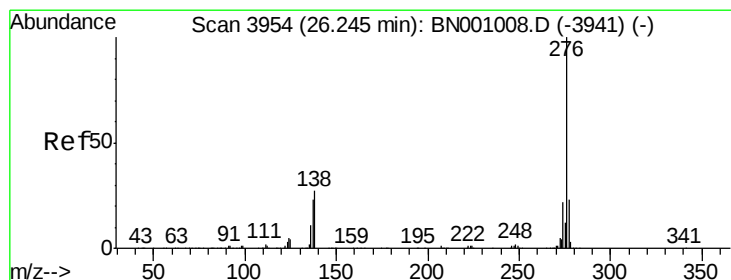
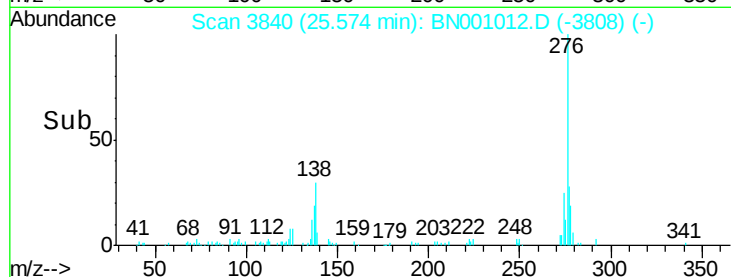
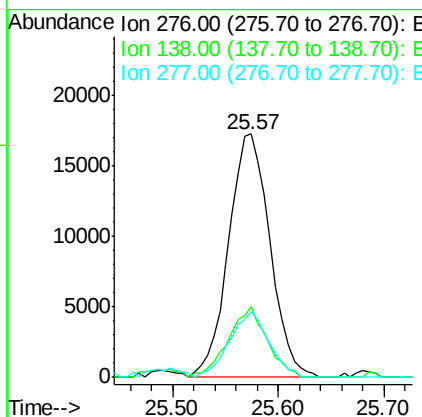
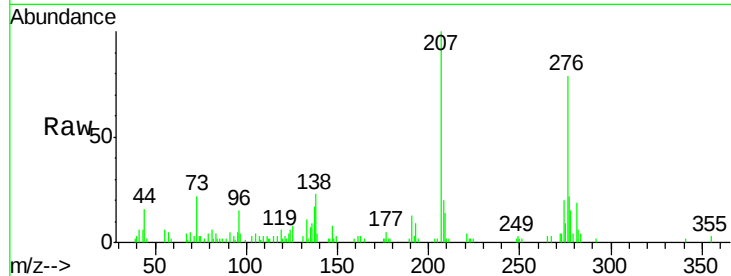




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.361 ng/ul
 RT: 25.57 min Scan# 3840
 Delta R.T. -0.01 min
 Lab File: BN001012.D
 Acq: 01 May 2018 02:17

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 46960
 Ion Ratio Lower Upper
 276 100
 138 29.0 14.4 21.6#
 277 27.2 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.405 ng/ul
 RT: 26.24 min Scan# 3953
 Delta R.T. -0.01 min
 Lab File: BN001012.D
 Acq: 01 May 2018 02:17

Tgt Ion:276 Resp: 40558
 Ion Ratio Lower Upper
 276 100
 138 25.4 15.3 22.9#
 277 25.3 19.0 28.4

