

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001028.D
 Acq On : 01 May 2018 13:52
 Operator : JU/SJ
 Sample : J2602-12
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 07:19:39 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

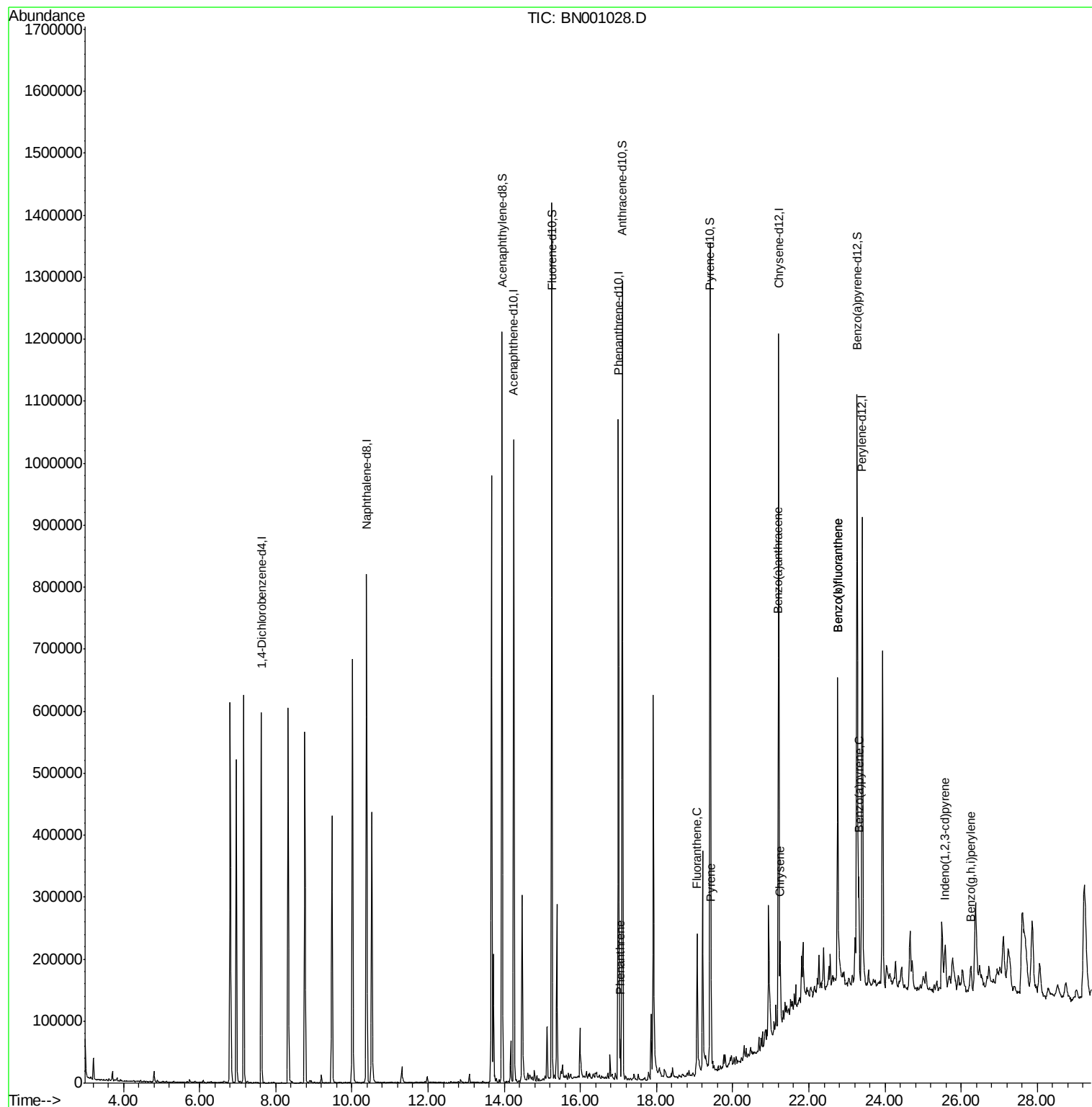
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	151059	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	659634	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	319242	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	568742	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	455736	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	472447	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	766620	25.00	ng/ul	0.00
10) Fluorene-d10	15.25	176	507149	24.78	ng/ul	0.00
14) Anthracene-d10	17.10	188	657095	25.26	ng/ul	0.00
18) Pyrene-d10	19.40	212	617910	26.46	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	625725	28.04	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	37231	1.200	ng/ul	99
16) Fluoranthene	19.07	202	113514	3.607	ng/ul#	93
19) Pyrene	19.43	202	95198	3.252	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	41457	1.522	ng/ul	97
21) Chrysene	21.25	228	61024	2.383	ng/ul	97
23) Benzo(b)fluoranthene	22.75	252	118764	4.423	ng/ul#	91
24) Benzo(k)fluoranthene	22.75	252	101484	3.863	ng/ul#	92
26) Benzo(a)pyrene	23.31	252	53642	2.091	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.58	276	50817	1.640	ng/ul#	90
29) Benzo(g,h,i)perylene	26.26	276	41627	1.606	ng/ul#	89

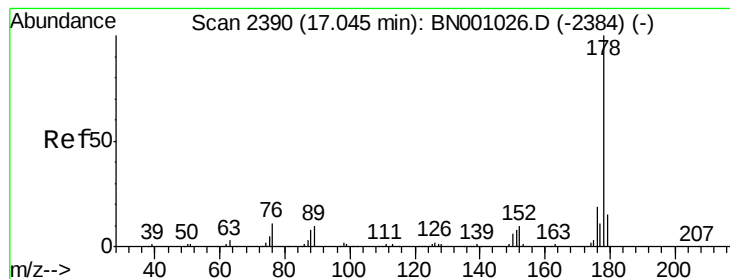
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 1.200 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

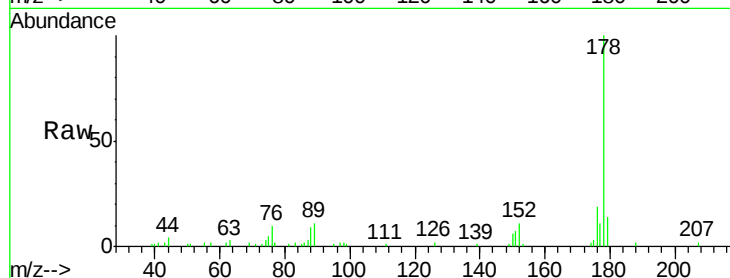
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 37231

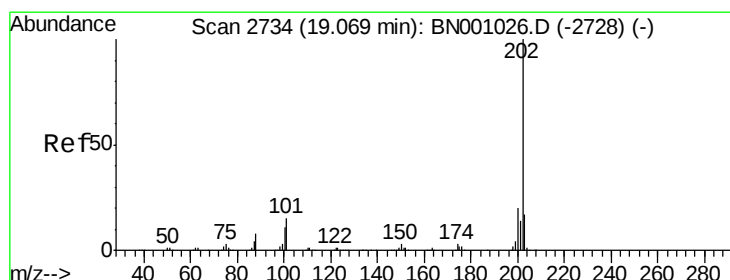
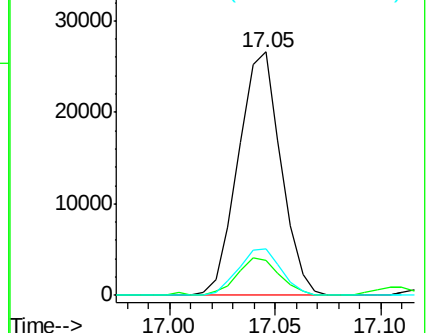
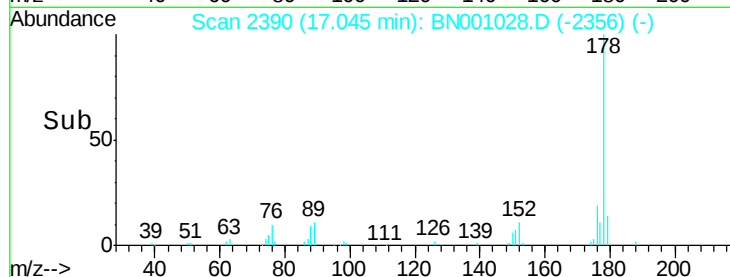
Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.3	18.5
176	19.0	15.1	22.7



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



#16

Fluoranthene

Concen: 3.607 ng/ul

RT: 19.07 min Scan# 2734

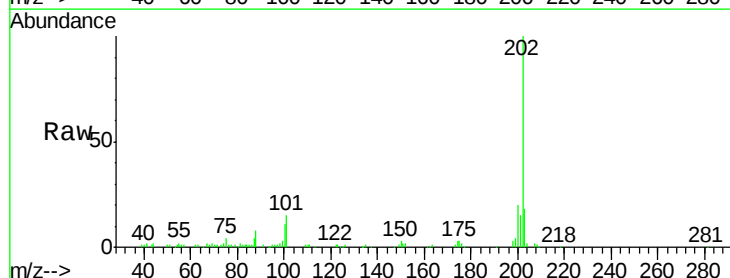
Delta R.T. 0.00 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

Tgt Ion:202 Resp: 113514

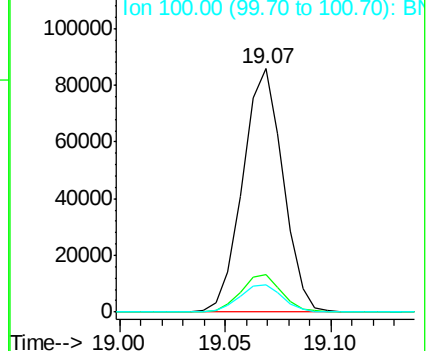
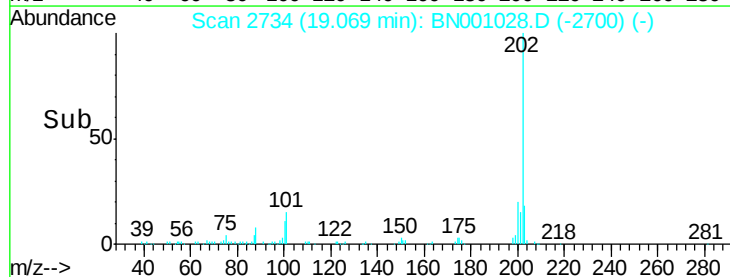
Ion	Ratio	Lower	Upper
202	100		
101	15.4	9.9	14.9#
100	11.3	7.4	11.0#

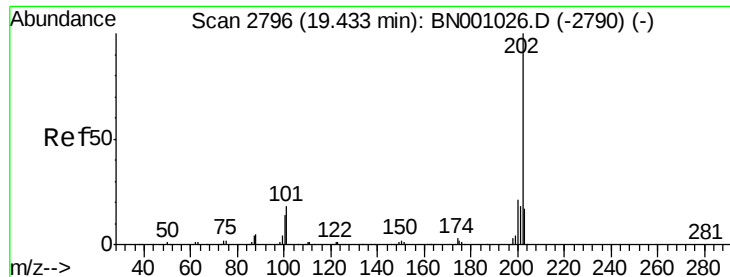


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#19

Pvrene

Concen: 3.252 ng/ul

RT: 19.43 min Scan# 2796

Delta R.T. 0.00 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

Instrument :

BNA_N

ClientSampleId :

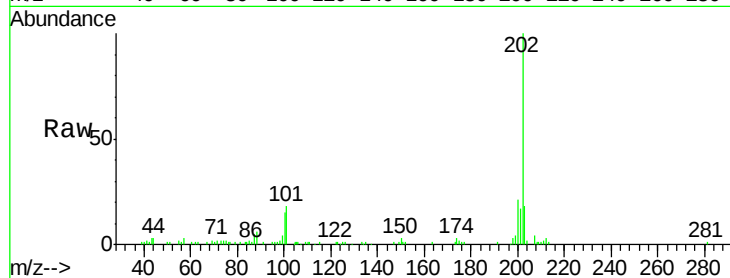
Tot Ion:202 Resp: 95198

Ion Ratio Lower Upper

202 100

101 18.3 11.0 16.4#

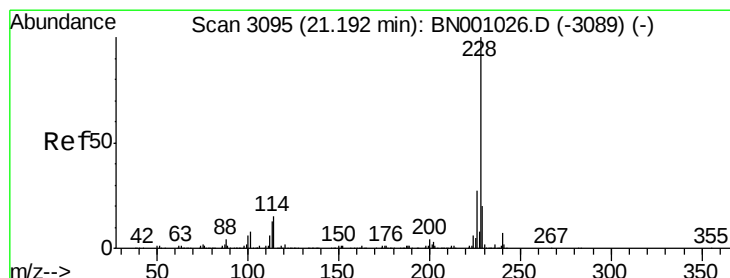
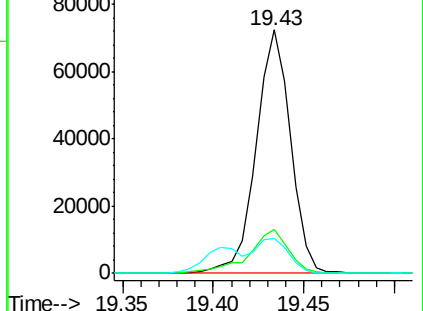
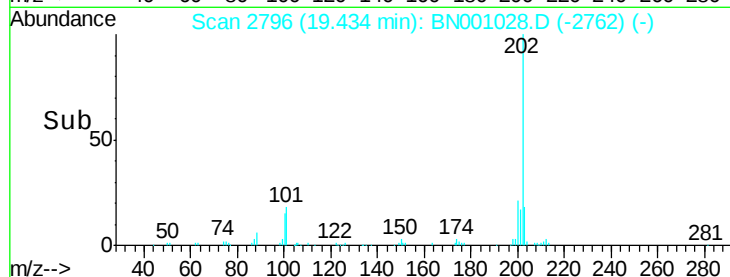
100 14.5 8.1 12.1#



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: 1.522 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.00 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

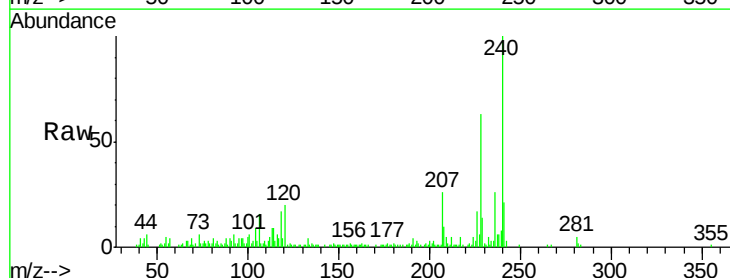
Tgt Ion:228 Resp: 41457

Ion Ratio Lower Upper

228 100

229 21.7 15.7 23.5

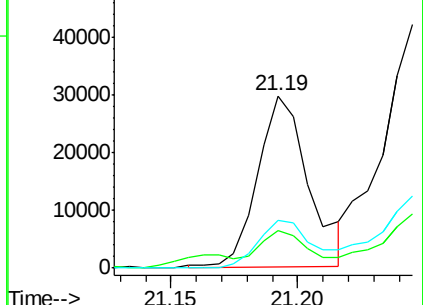
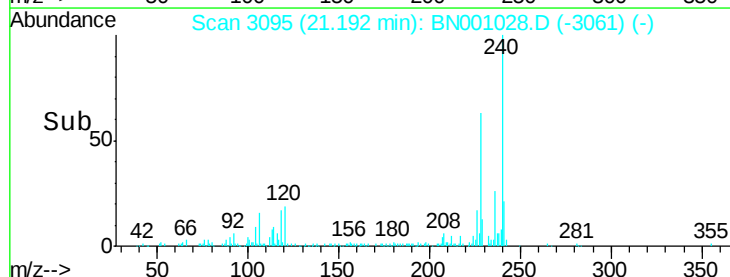
226 27.7 21.1 31.7

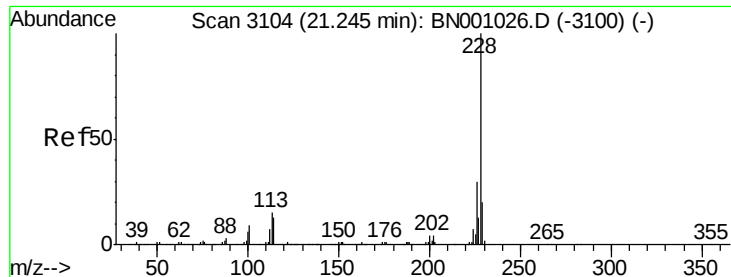


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

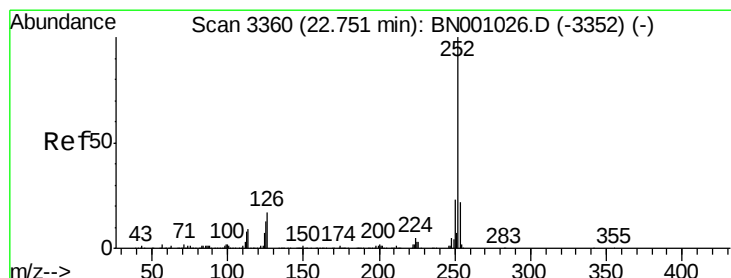
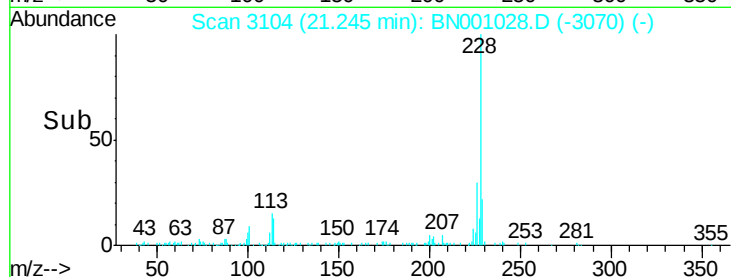
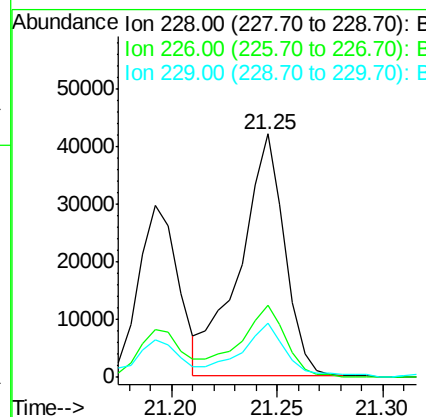
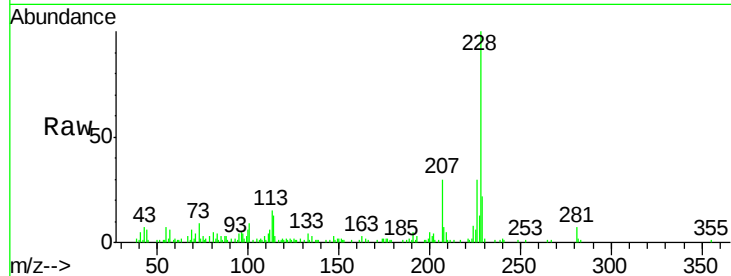




#21
Chrysene
Concen: 2.383 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. 0.00 min
Lab File: BN001028.D
Acq: 01 May 2018 13:52

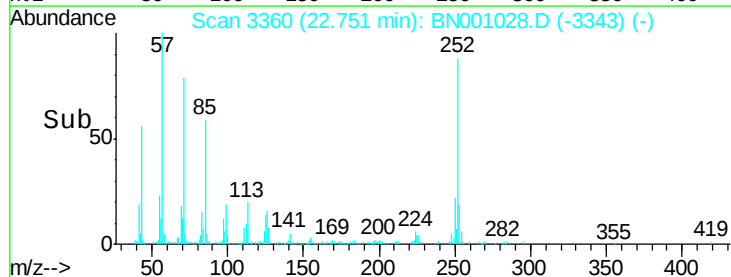
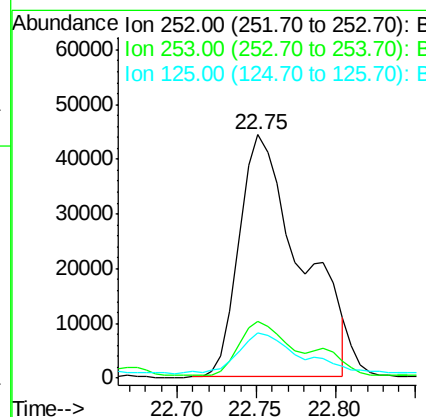
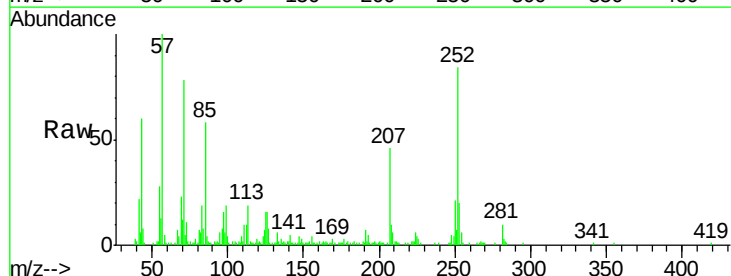
Instrument :
BNA_N
ClientSampled :

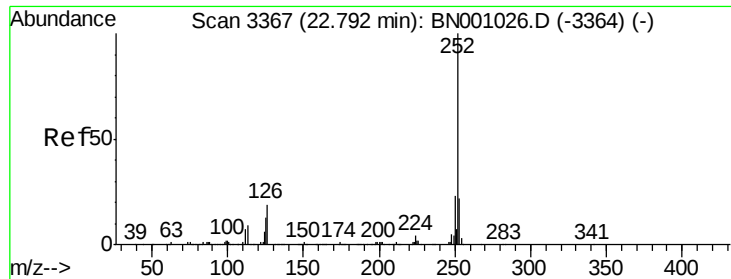
Tot Ion:228 Resp: 61024
Ion Ratio Lower Upper
228 100
226 29.8 24.5 36.7
229 22.1 15.8 23.8



#23
Benzo(b)fluoranthene
Concen: 4.423 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.00 min
Lab File: BN001028.D
Acq: 01 May 2018 13:52

Tgt Ion:252 Resp: 118764
Ion Ratio Lower Upper
252 100
253 23.5 18.0 27.0
125 18.6 8.0 12.0#





#24

Benzo(k)fluoranthene

Concen: 3.863 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.04 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

Instrument :

BNA_N

ClientSampleId :

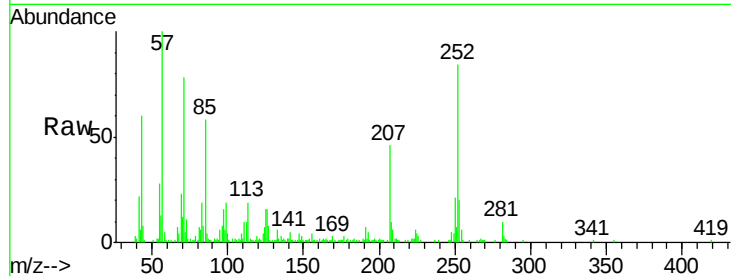
Tot Ion:252 Resp: 101484

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

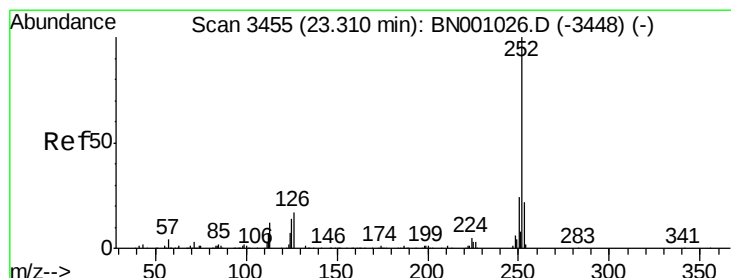
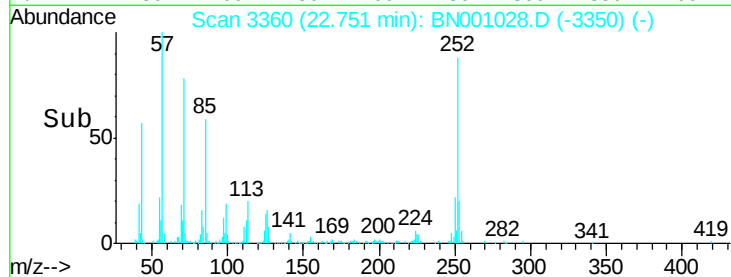
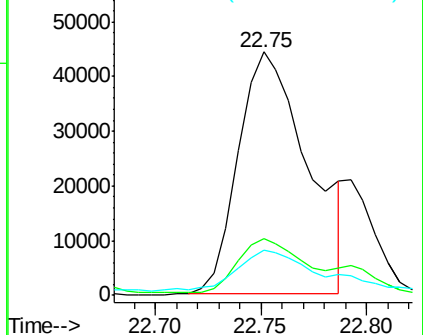
125 18.6 8.1 12.1#



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: 2.091 ng/ul

RT: 23.31 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BN001028.D

Acq: 01 May 2018 13:52

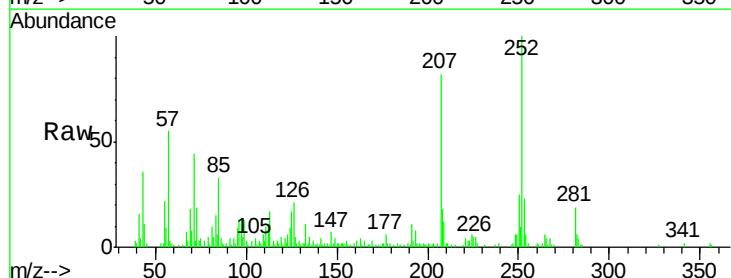
Tgt Ion:252 Resp: 53642

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

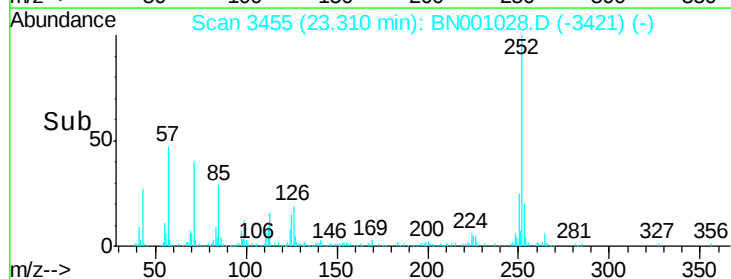
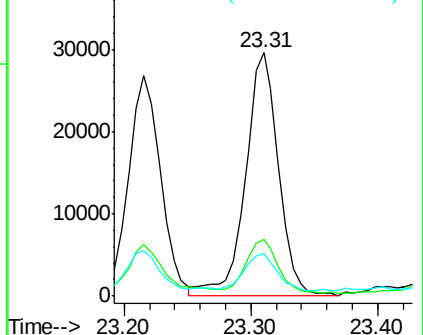
125 17.4 8.2 12.4#

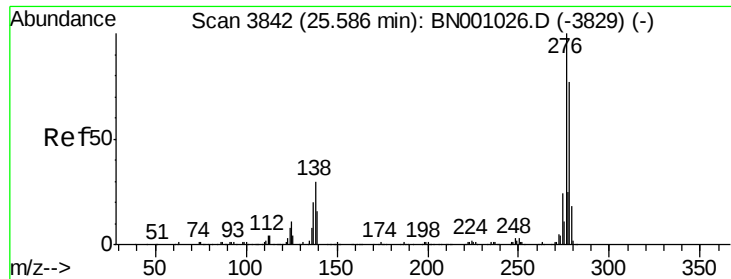


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

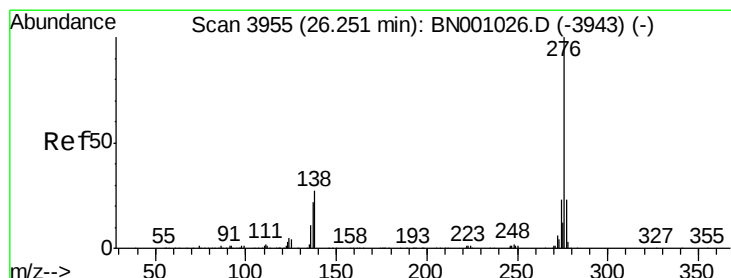
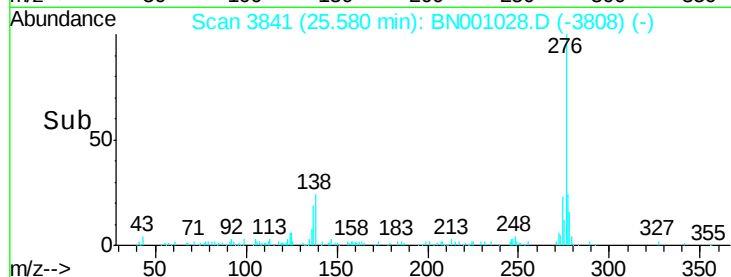
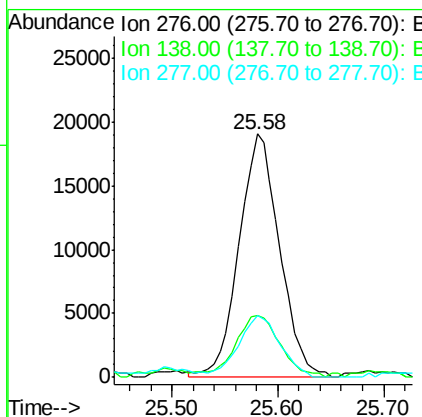
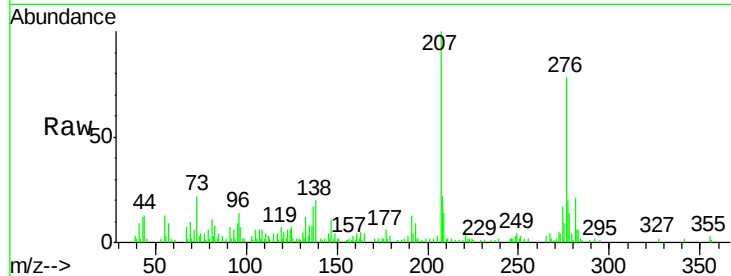




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.640 ng/u1
 RT: 25.58 min Scan# 3841
 Delta R.T. -0.01 min
 Lab File: BN001028.D
 Acq: 01 May 2018 13:52

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 50817
 Ion Ratio Lower Upper
 276 100
 138 25.4 14.4 21.6#
 277 25.2 18.0 27.0



#29
 Benzo(g,h,i)perylene
 Concen: 1.606 ng/u1
 RT: 26.26 min Scan# 3956
 Delta R.T. 0.01 min
 Lab File: BN001028.D
 Acq: 01 May 2018 13:52

Tgt Ion:276 Resp: 41627
 Ion Ratio Lower Upper
 276 100
 138 26.0 15.3 22.9#
 277 27.0 19.0 28.4

