

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001045.D
 Acq On : 01 May 2018 23:59
 Operator : JU/SJ
 Sample : J2601-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 07:46:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 07:44:40 2018
 Response via : Initial Calibration

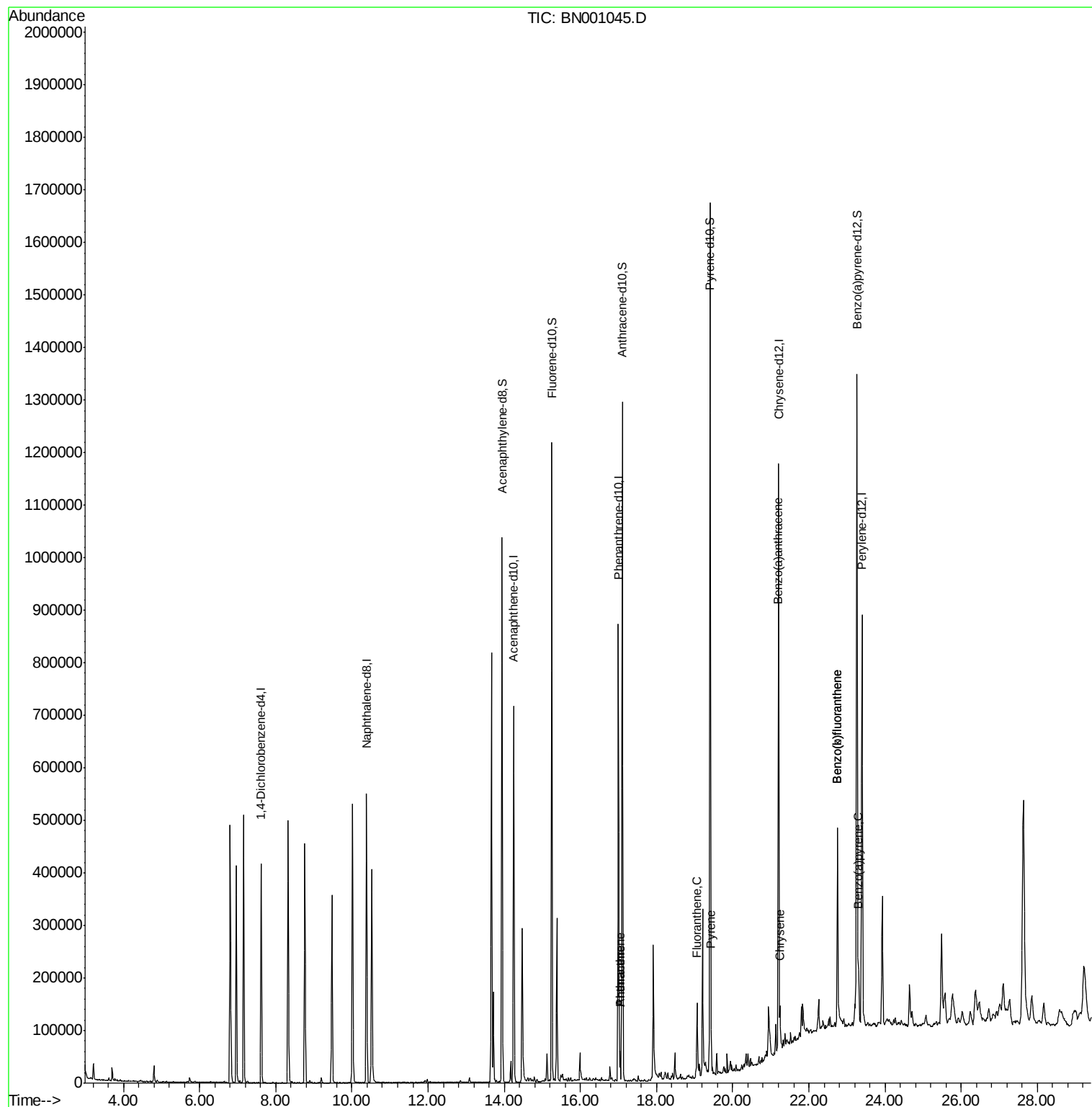
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	105183	20.00	ng/ul	0.00
2) Naphthalene-d8	10.38	136	437143	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	218080	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	459978	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	458917	20.00	ng/ul	-0.01
22) Perylene-d12	23.40	264	476427	20.00	ng/ul	-0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	13.94	160	642999	30.70	ng/ul	0.00
10) Fluorene-d10	15.25	176	441890	31.61	ng/ul	0.00
14) Anthracene-d10	17.10	188	649135	30.86	ng/ul	0.00
18) Pyrene-d10	19.40	212	726179	30.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	790506	35.13	ng/ul	-0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.04	178	30894	1.231	ng/ul	98
15) Anthracene	17.04	178	30894	1.228	ng/ul	98
16) Fluoranthene	19.07	202	73918	2.904	ng/ul#	95
19) Pyrene	19.43	202	67509	2.290	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	31847	1.161	ng/ul	95
21) Chrysene	21.24	228	36471	1.414	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	70361	2.599	ng/ul#	91
24) Benzo(k)fluoranthene	22.75	252	72394	2.732	ng/ul#	91
26) Benzo(a)pyrene	23.30	252	36039	1.393	ng/ul#	93

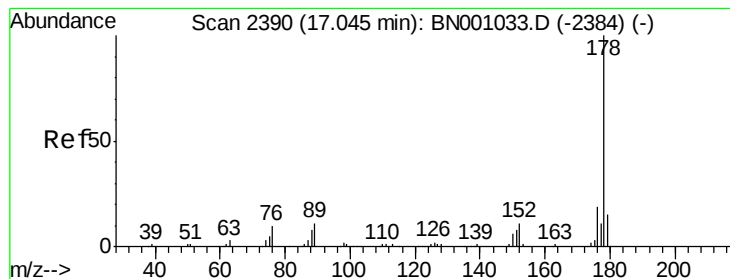
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.231 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

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BNA_N

ClientSampleId :

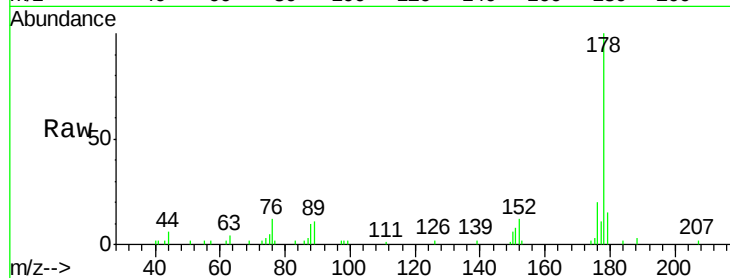
Tot Ion:178 Resp: 30894

Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

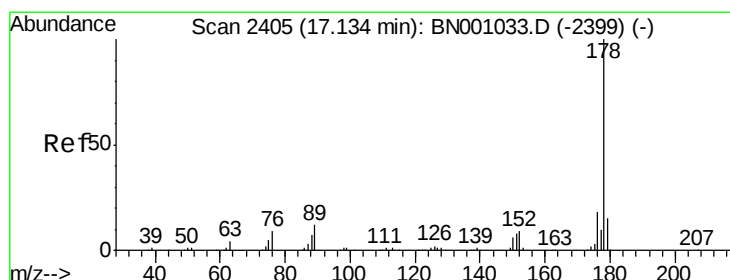
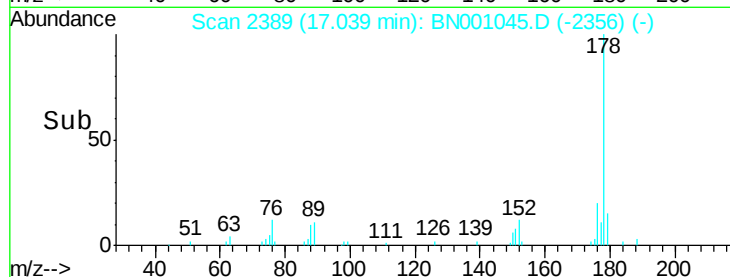
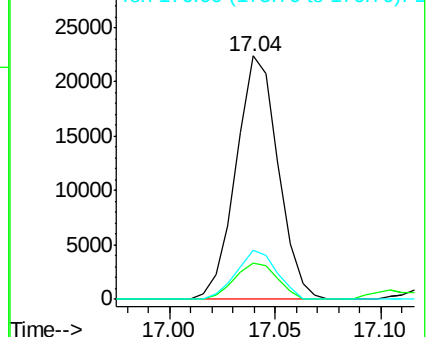
176 20.3 15.1 22.7



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: 1.228 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. -0.09 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

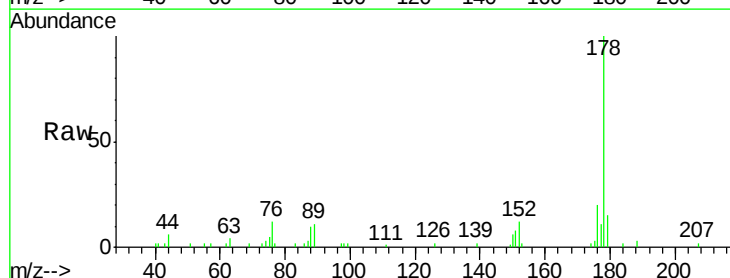
Tgt Ion:178 Resp: 30894

Ion Ratio Lower Upper

178 100

179 15.0 11.8 17.8

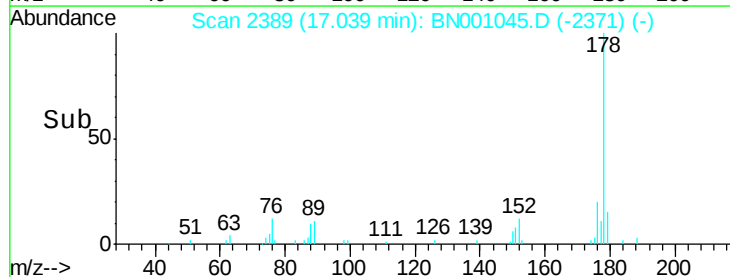
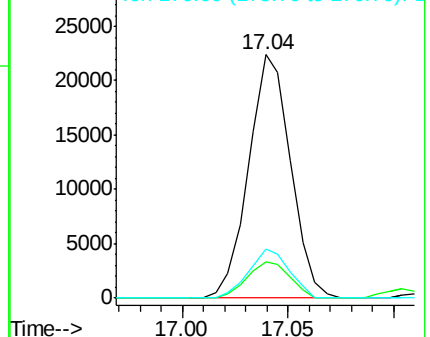
176 20.3 15.2 22.8

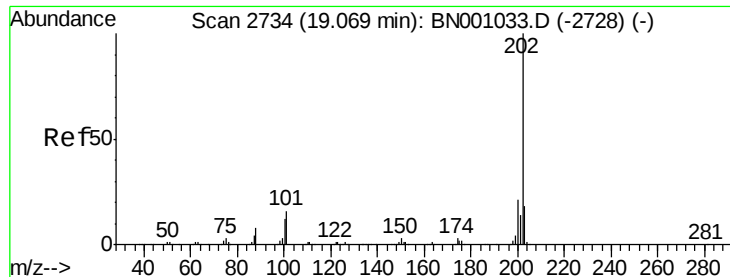


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

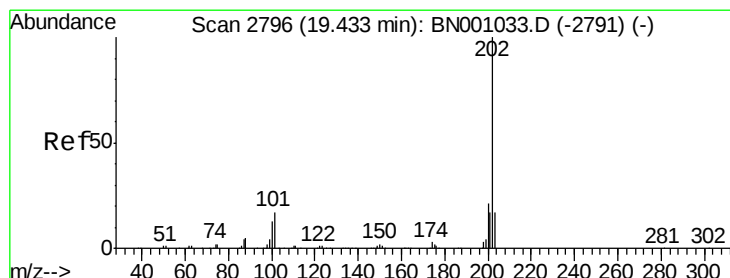
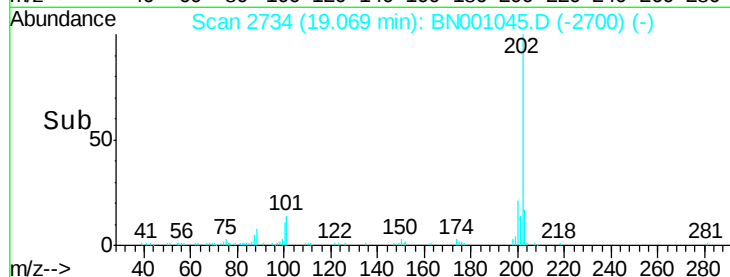
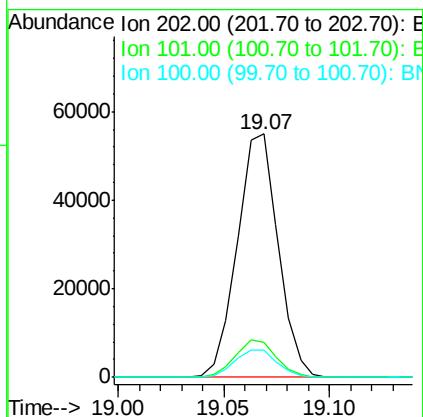
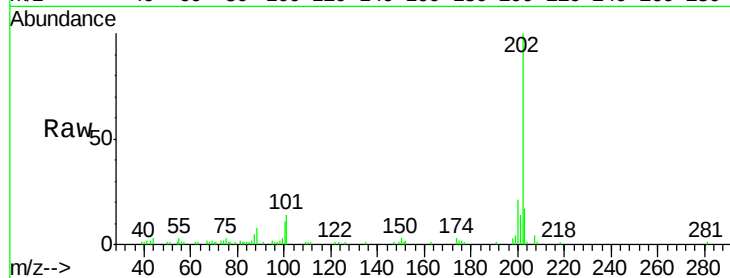




#16
Fluoranthene
 Concen: 2.904 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: BN001045.D
 Acq: 01 May 2018 23:59

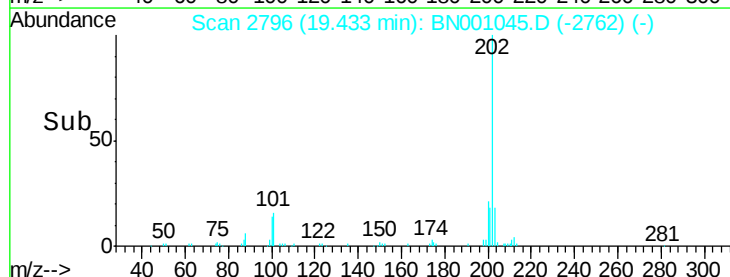
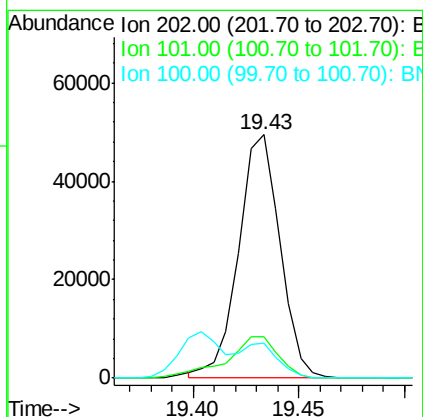
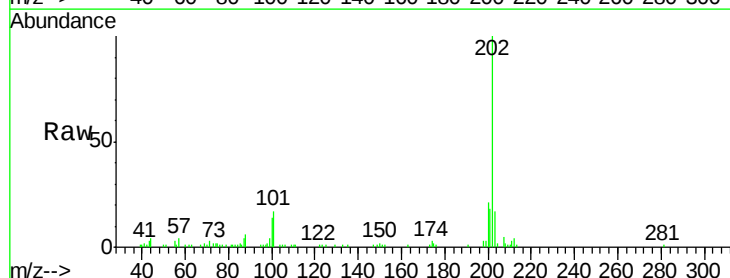
Instrument :
 BNA_N
 ClientSampleId :

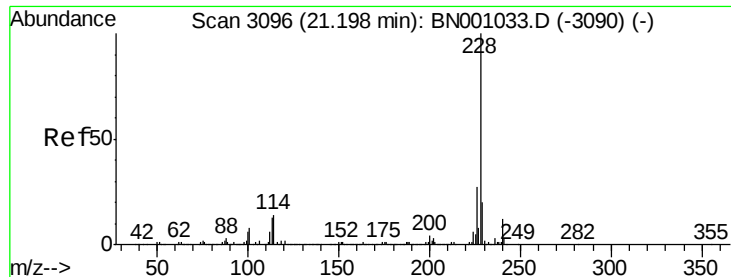
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.2	9.9	14.9
100	11.1	7.4	11.0#



#19
Pyrene
 Concen: 2.290 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.00 min
 Lab File: BN001045.D
 Acq: 01 May 2018 23:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	14.3	8.1	12.1#

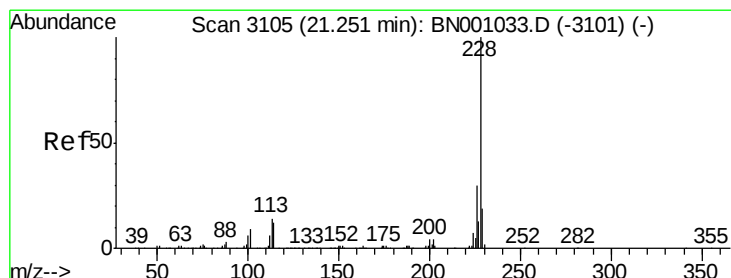
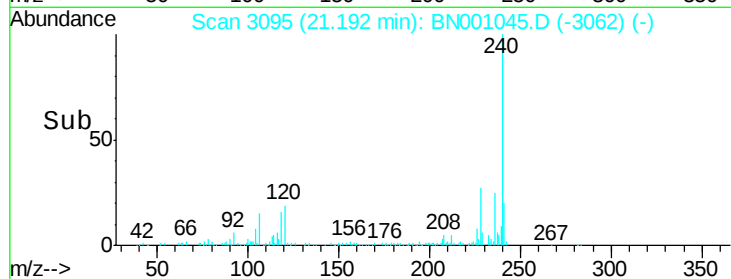
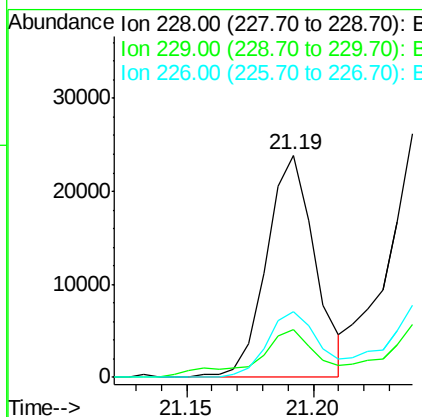
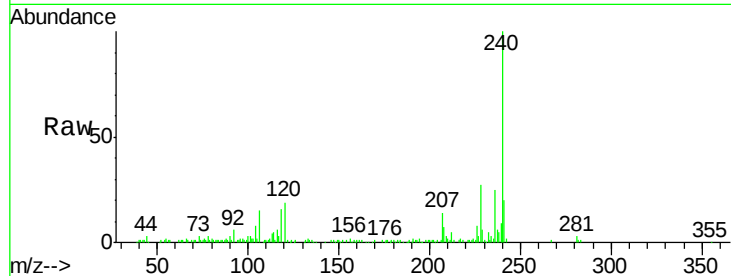




#20
Benzo(a)anthracene
Concen: 1.161 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

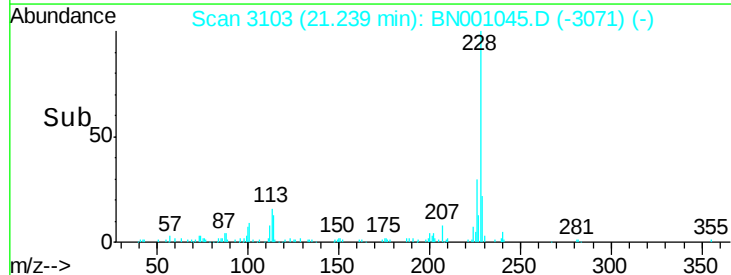
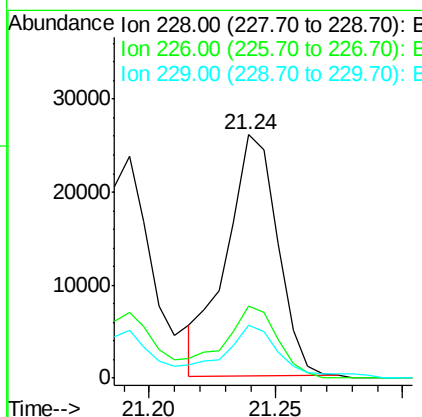
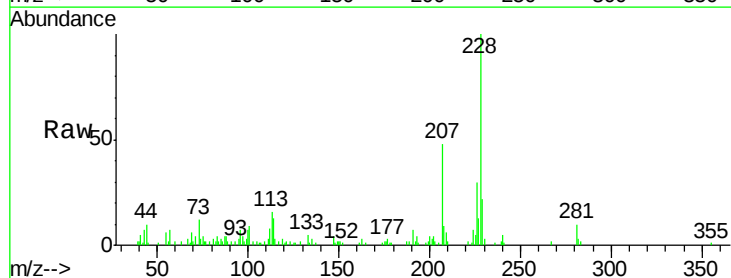
Instrument :
BNA_N
ClientSampleId :

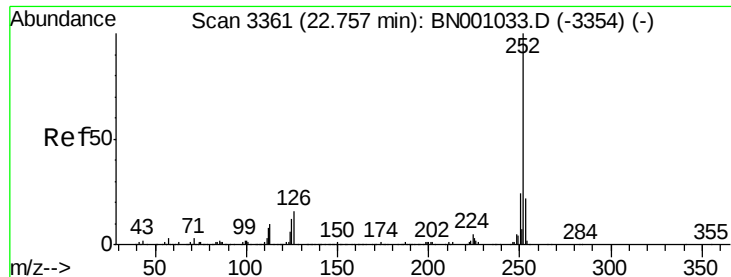
Tot Ion:228 Resp: 31847
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 29.4 21.1 31.7



#21
Chrysene
Concen: 1.414 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BN001045.D
Acq: 01 May 2018 23:59

Tgt Ion:228 Resp: 36471
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 21.6 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 2.599 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.01 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

Instrument :

BNA_N

ClientSampleId :

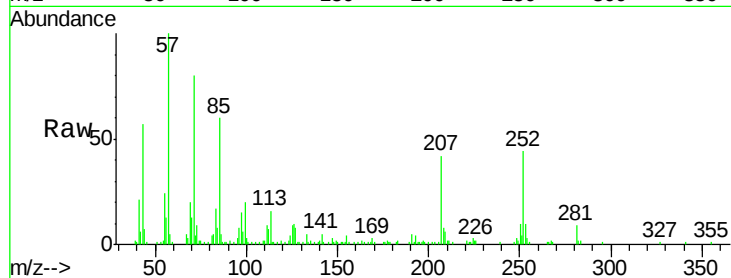
Tot Ion:252 Resp: 70361

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

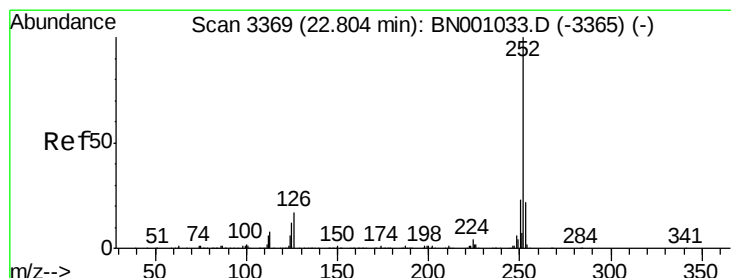
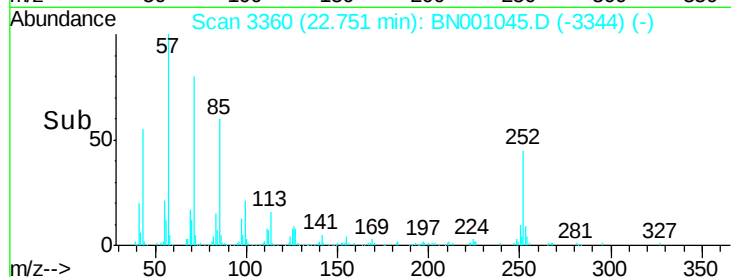
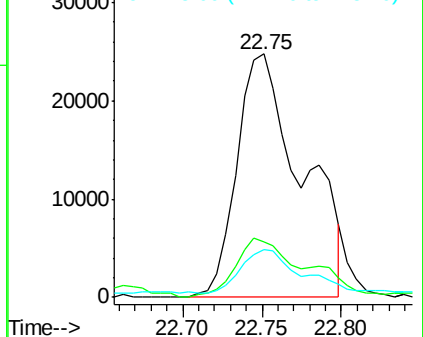
125 19.6 8.0 12.0#



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: 2.732 ng/ul

RT: 22.75 min Scan# 3360

Delta R.T. -0.05 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

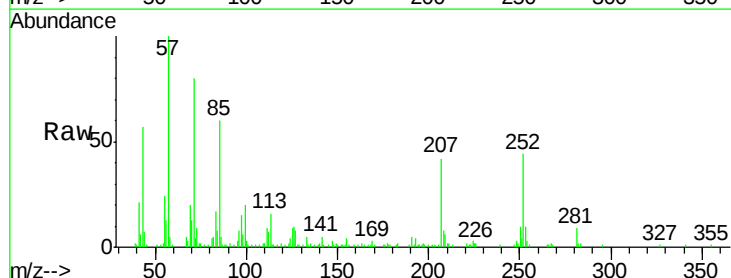
Tgt Ion:252 Resp: 72394

Ion Ratio Lower Upper

252 100

253 23.0 18.0 27.0

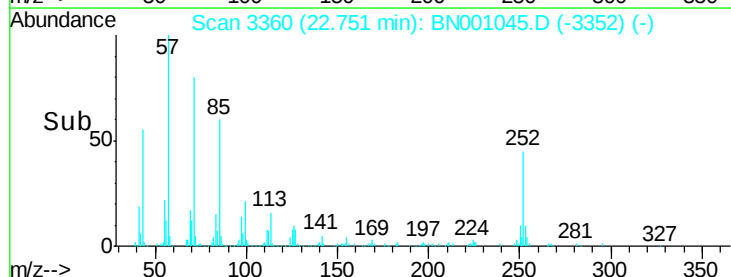
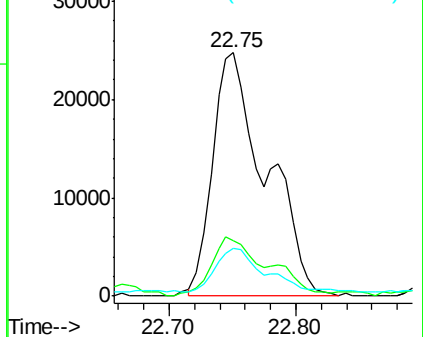
125 19.6 8.1 12.1#

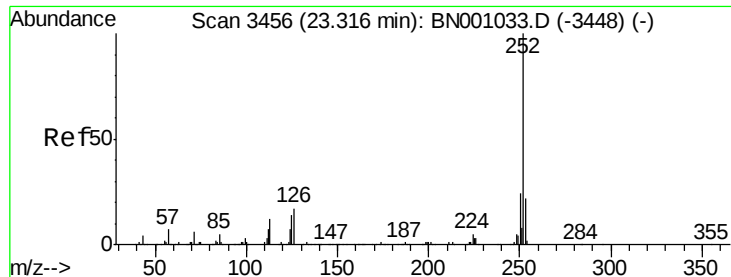


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.393 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. -0.01 min

Lab File: BN001045.D

Acq: 01 May 2018 23:59

Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 36039

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

125 16.7 8.2 12.4#

