

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
 Data File : BN001055.D
 Acq On : 02 May 2018 05:48
 Operator : JU/SJ
 Sample : J2602-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 02 08:31:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 02 08:29:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119257	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	498142	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	249859	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	514423	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	483520	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	510348	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	620659	25.86	ng/ul	0.00
10) Fluorene-d10	15.25	176	433392	27.06	ng/ul	0.00
14) Anthracene-d10	17.10	188	642481	27.31	ng/ul	0.00
18) Pyrene-d10	19.40	212	672918	27.16	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	713475	29.60	ng/ul	0.00

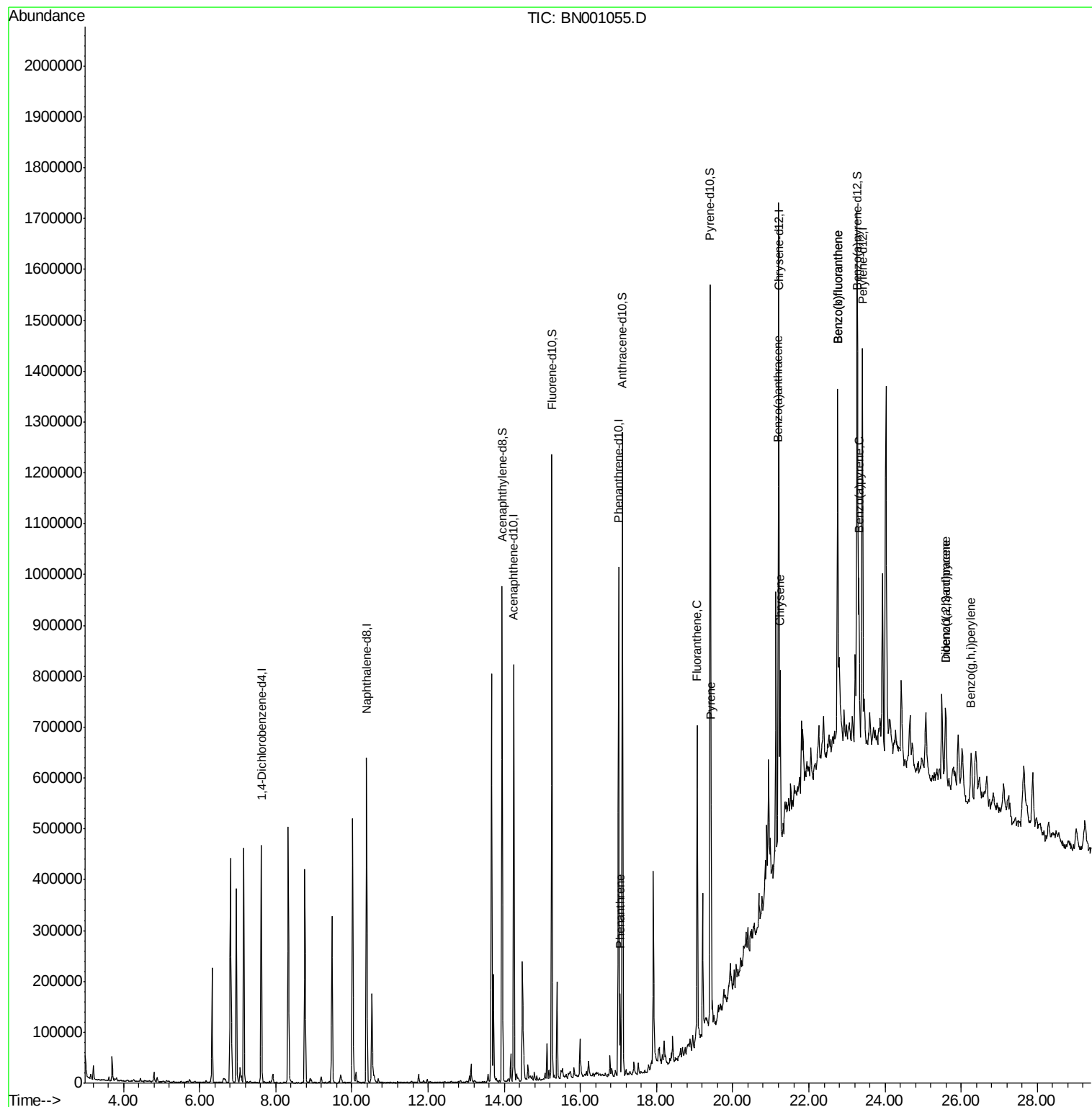
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.05	178	85675	3.054	ng/ul	97
16) Fluoranthene	19.07	202	325092	11.420	ng/ul#	94
19) Pyrene	19.43	202	263077	8.471	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	136105	4.709	ng/ul	96
21) Chrysene	21.25	228	178482	6.570	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	263702	9.092	ng/ul#	89
24) Benzo(k)fluoranthene	22.76	252	242758	8.554	ng/ul#	89
26) Benzo(a)pyrene	23.32	252	145590	5.253	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.59	276	125897	3.760	ng/ul#	84
28) Dibenzo(a,h)anthracene	25.60	278	31528	1.130	ng/ul#	66
29) Benzo(g,h,i)perylene	26.26	276	102419	3.658	ng/ul#	88

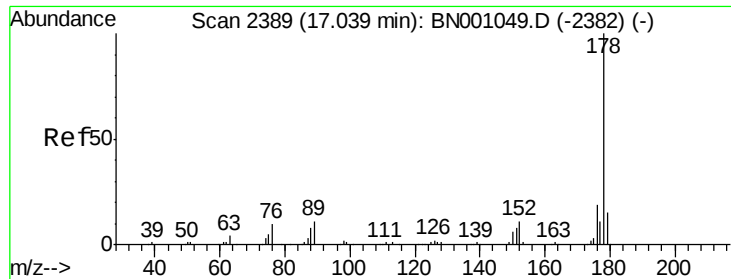
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050118\
Data File : BN001055.D
Acq On : 02 May 2018 05:48
Operator : JU/SJ
Sample : J2602-01
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: May 02 08:31:32 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 02 08:29:08 2018
Response via : Initial Calibration

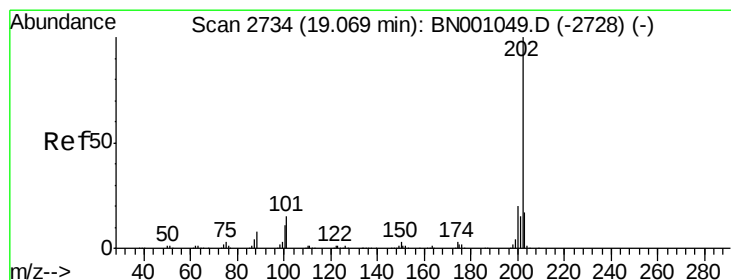
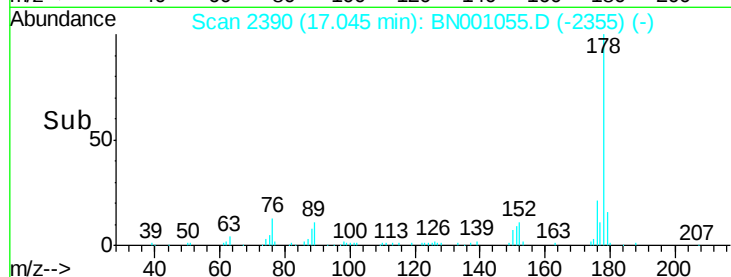
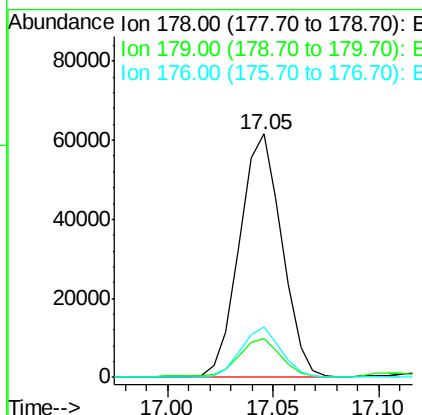
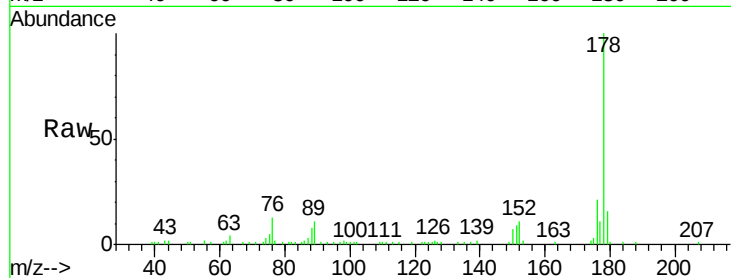




#13
Phenanthrene
Concen: 3.054 ng/ul
RT: 17.05 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

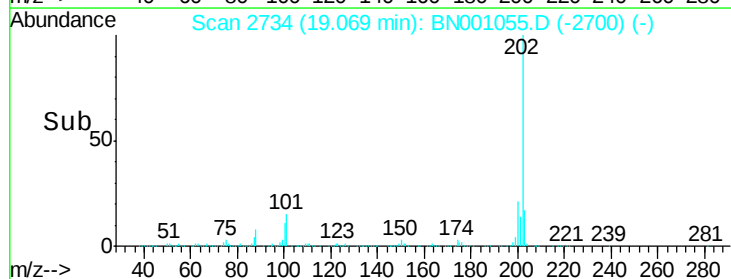
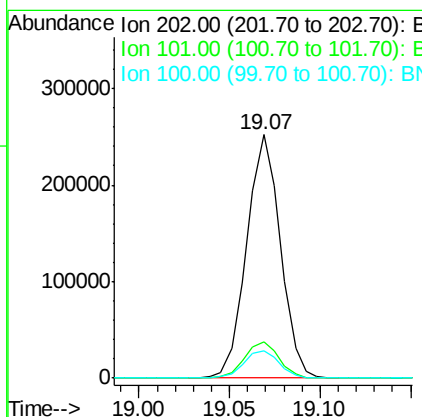
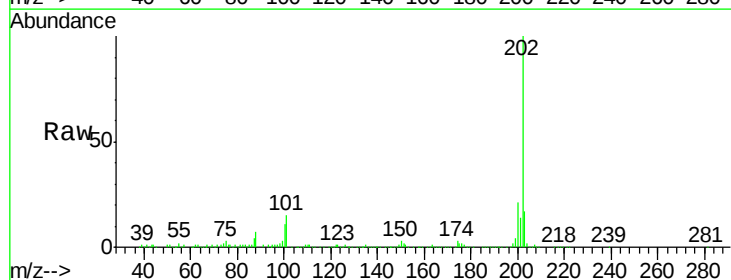
Instrument :
BNA_N
ClientSampleId :

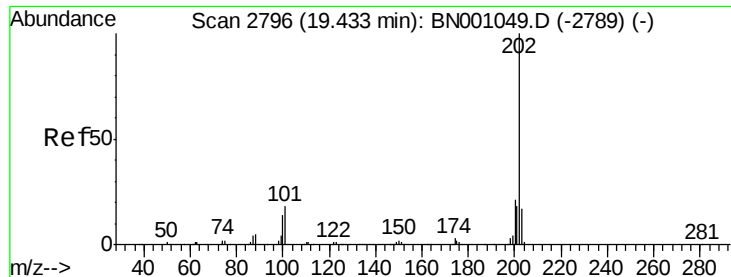
Tot Ion:178 Resp: 85675
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 20.5 15.1 22.7



#16
Fluoranthene
Concen: 11.420 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.00 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

Tgt Ion:202 Resp: 325092
Ion Ratio Lower Upper
202 100
101 15.1 9.9 14.9#
100 11.3 7.4 11.0#

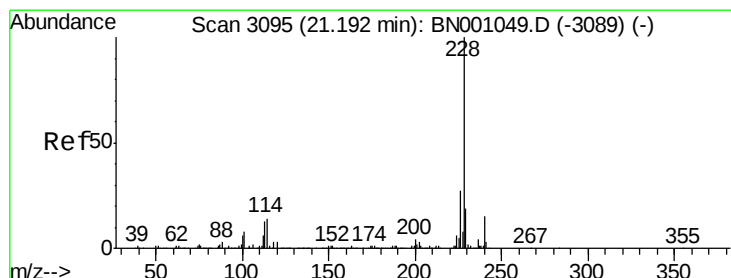
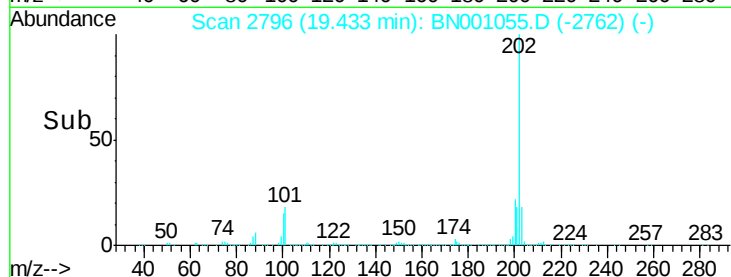
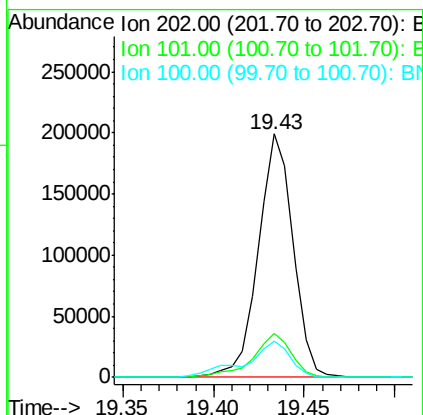
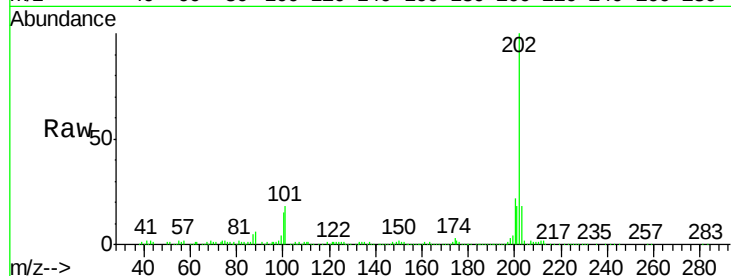




#19
Pvrene
Concen: 8.471 ng/ul
RT: 19.43 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

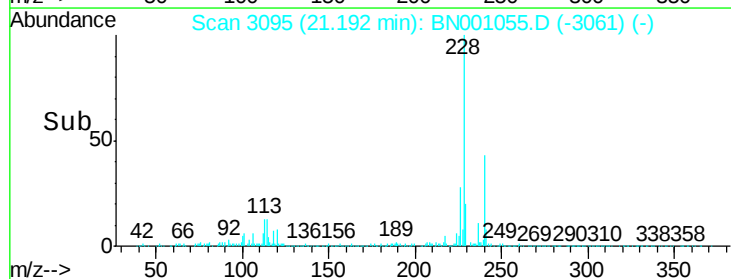
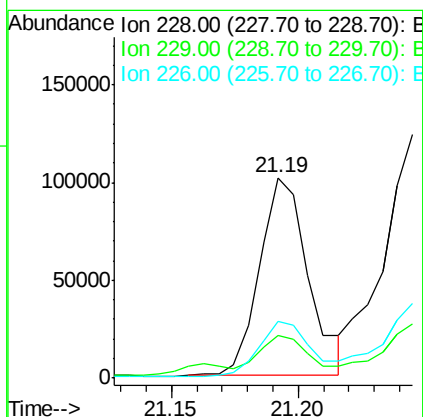
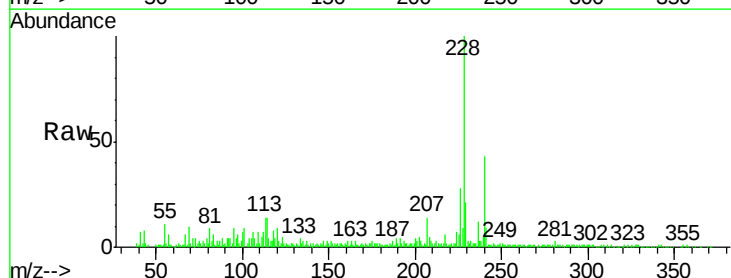
Instrument :
BNA_N
ClientSampleId :

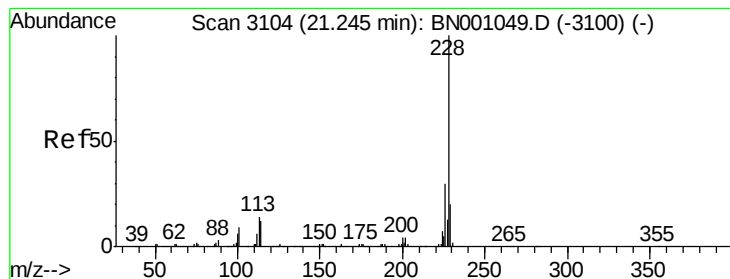
Tot Ion	Ratio	Lower	Upper
202	100		
101	18.1	11.0	16.4#
100	15.1	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 4.709 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. -0.00 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.7	23.5
226	28.3	21.1	31.7





#21

Chrysene

Concen: 6.570 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.00 min

Lab File: BN001055.D

Acq: 02 May 2018 05:48

Instrument :

BNA_N

ClientSampleId :

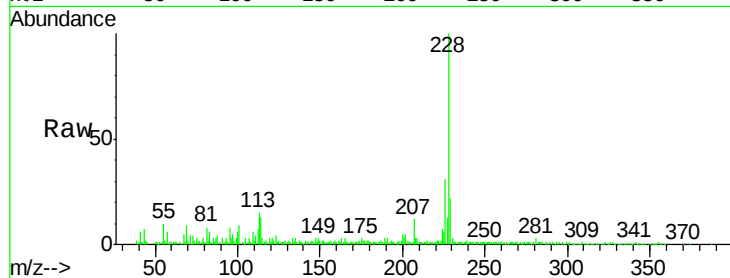
Tot Ion:228 Resp: 178482

Ion Ratio Lower Upper

228 100

226 30.8 24.5 36.7

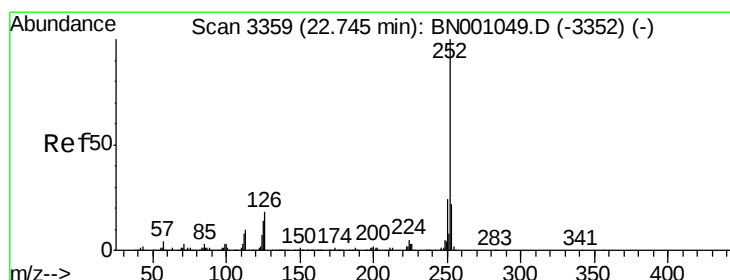
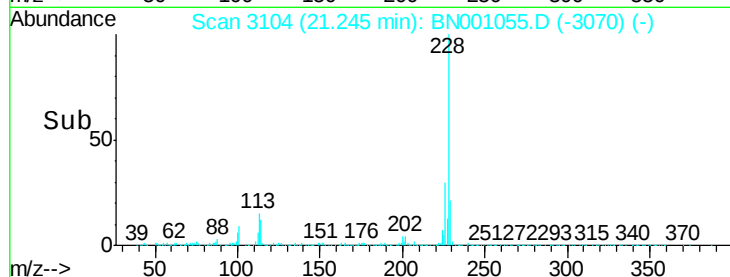
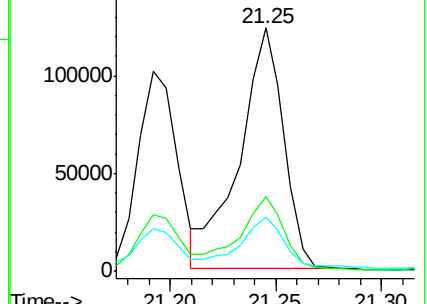
229 22.1 15.8 23.8



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: 9.092 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.01 min

Lab File: BN001055.D

Acq: 02 May 2018 05:48

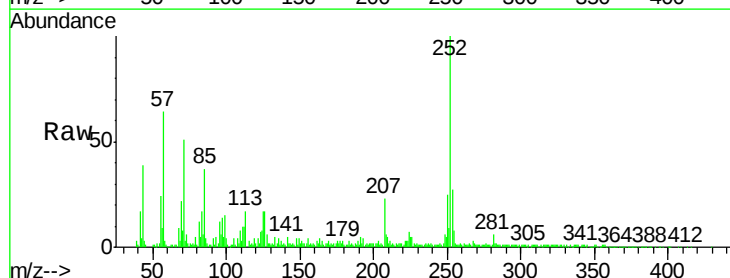
Tgt Ion:252 Resp: 263702

Ion Ratio Lower Upper

252 100

253 26.6 18.0 27.0

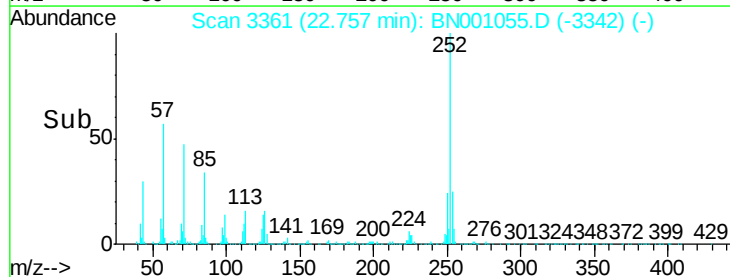
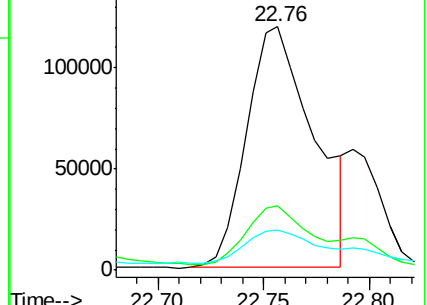
125 16.5 8.0 12.0#

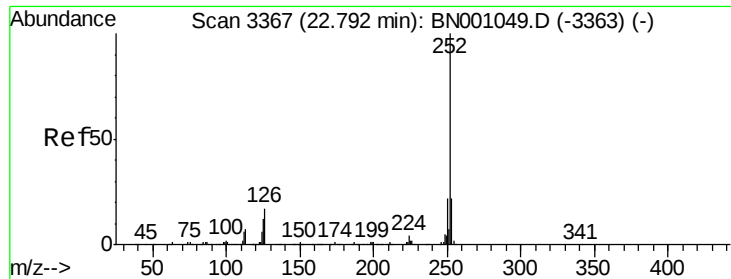


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

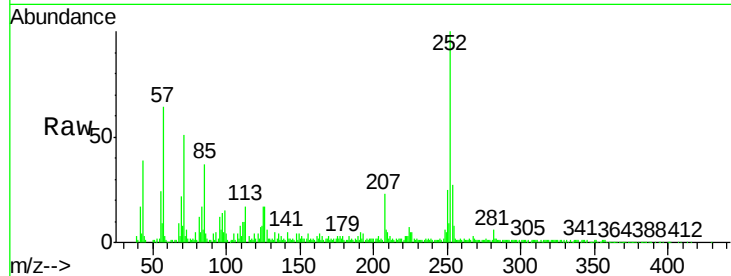




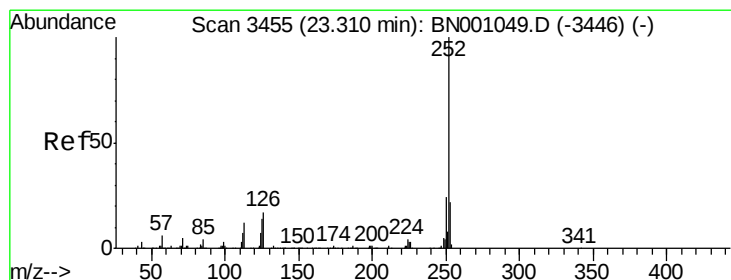
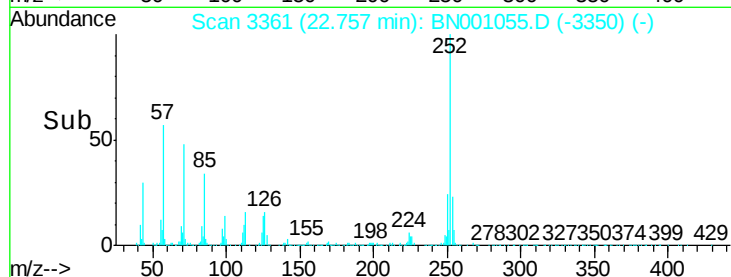
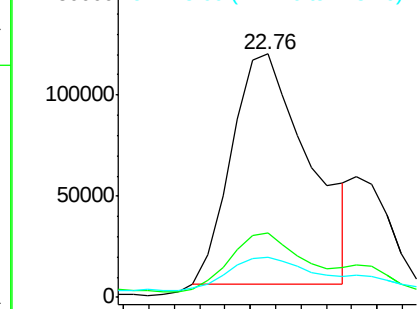
#24
Benzo(k)fluoranthene
Concen: 8.554 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

Instrument :
BNA_N
ClientSampleId :

Tot Ion:252 Resp: 242758
Ion Ratio Lower Upper
252 100
253 26.6 18.0 27.0
125 16.5 8.1 12.1#

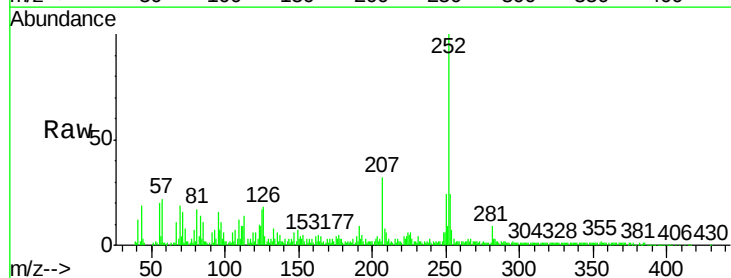


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

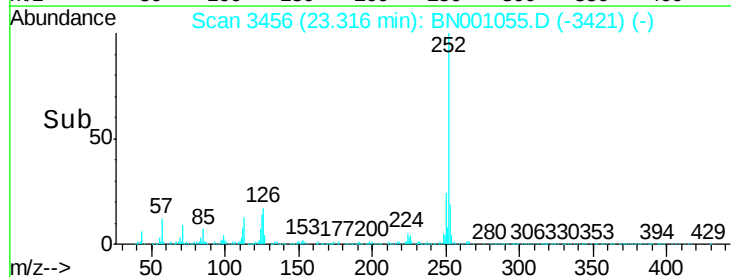
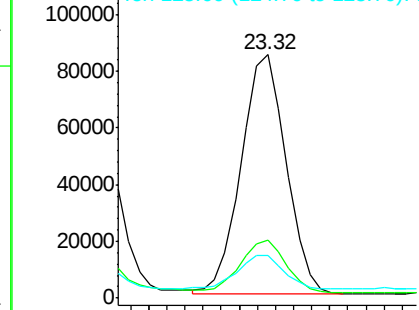


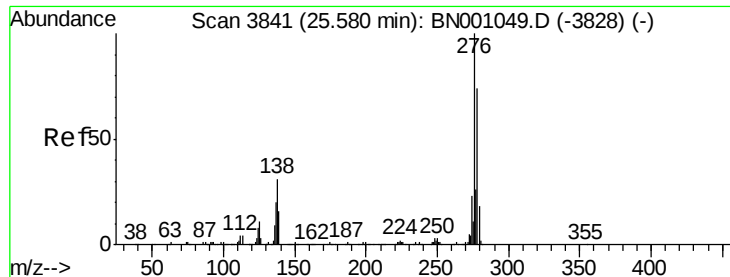
#26
Benzo(a)pyrene
Concen: 5.253 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.01 min
Lab File: BN001055.D
Acq: 02 May 2018 05:48

Tgt Ion:252 Resp: 145590
Ion Ratio Lower Upper
252 100
253 23.6 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

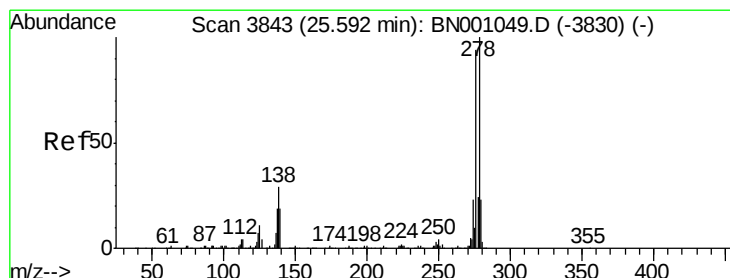
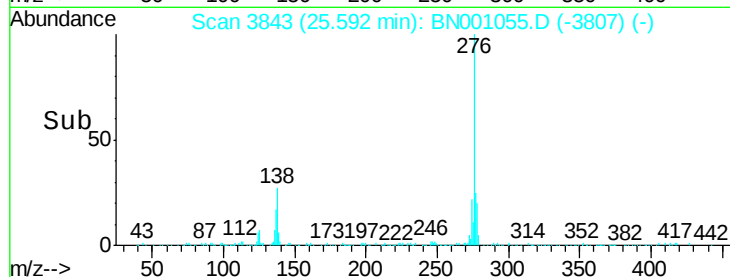
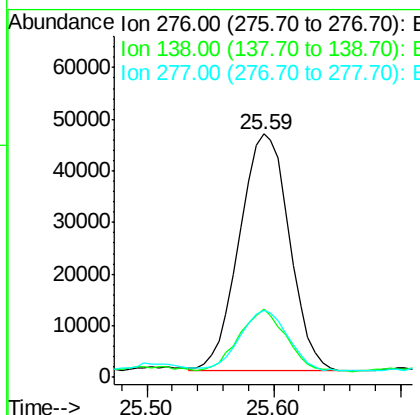
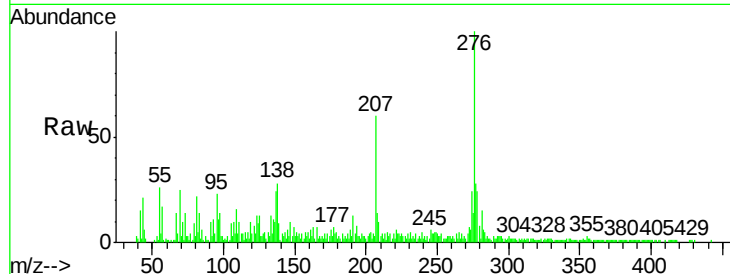




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.760 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. 0.01 min
 Lab File: BN001055.D
 Acq: 02 May 2018 05:48

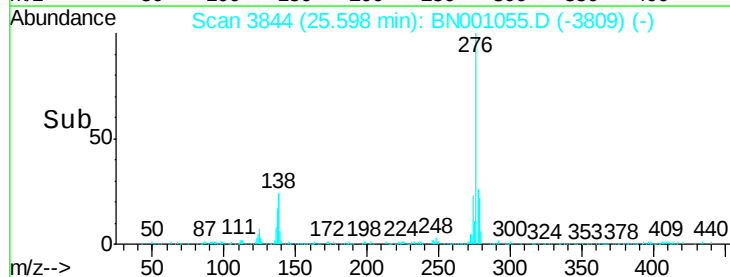
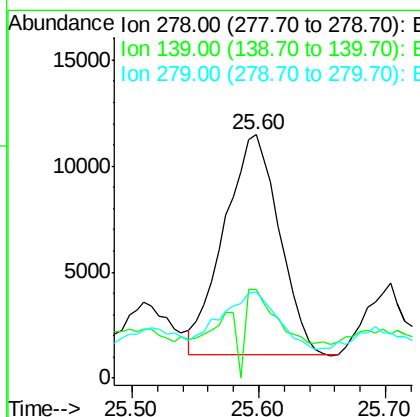
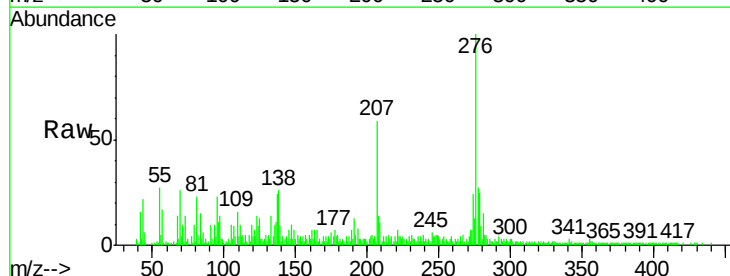
Instrument :
 BNA_N
 ClientSampleId :

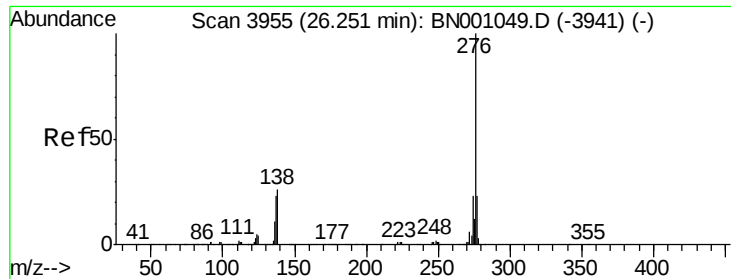
Tot Ion:276 Resp: 125897
 Ion Ratio Lower Upper
 276 100
 138 27.9 14.4 21.6#
 277 27.6 18.0 27.0#



#28
 Dibenzo(a,h)anthracene
 Concen: 1.130 ng/ul
 RT: 25.60 min Scan# 3844
 Delta R.T. 0.01 min
 Lab File: BN001055.D
 Acq: 02 May 2018 05:48

Tgt Ion:278 Resp: 31528
 Ion Ratio Lower Upper
 278 100
 139 36.4 12.2 18.4#
 279 35.4 19.2 28.8#





#29

Benzo(a,h,i)perylene

Concen: 3.658 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN001055.D

Acq: 02 May 2018 05:48

Instrument :

BNA_N

ClientSampleId :

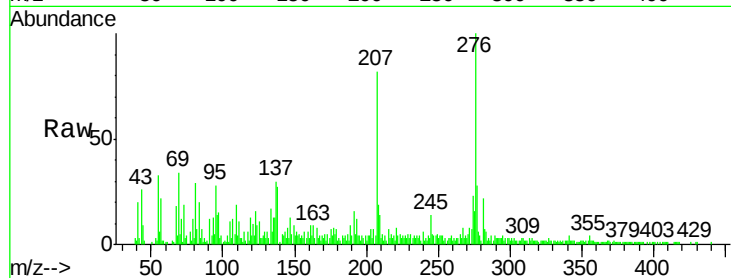
Tot Ion:276 Resp: 102419

Ion Ratio Lower Upper

276 100

138 27.2 15.3 22.9#

277 27.6 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

