

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001082.D
 Acq On : 02 May 2018 21:54
 Operator : JU/SJ
 Sample : J2527-22
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:27:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

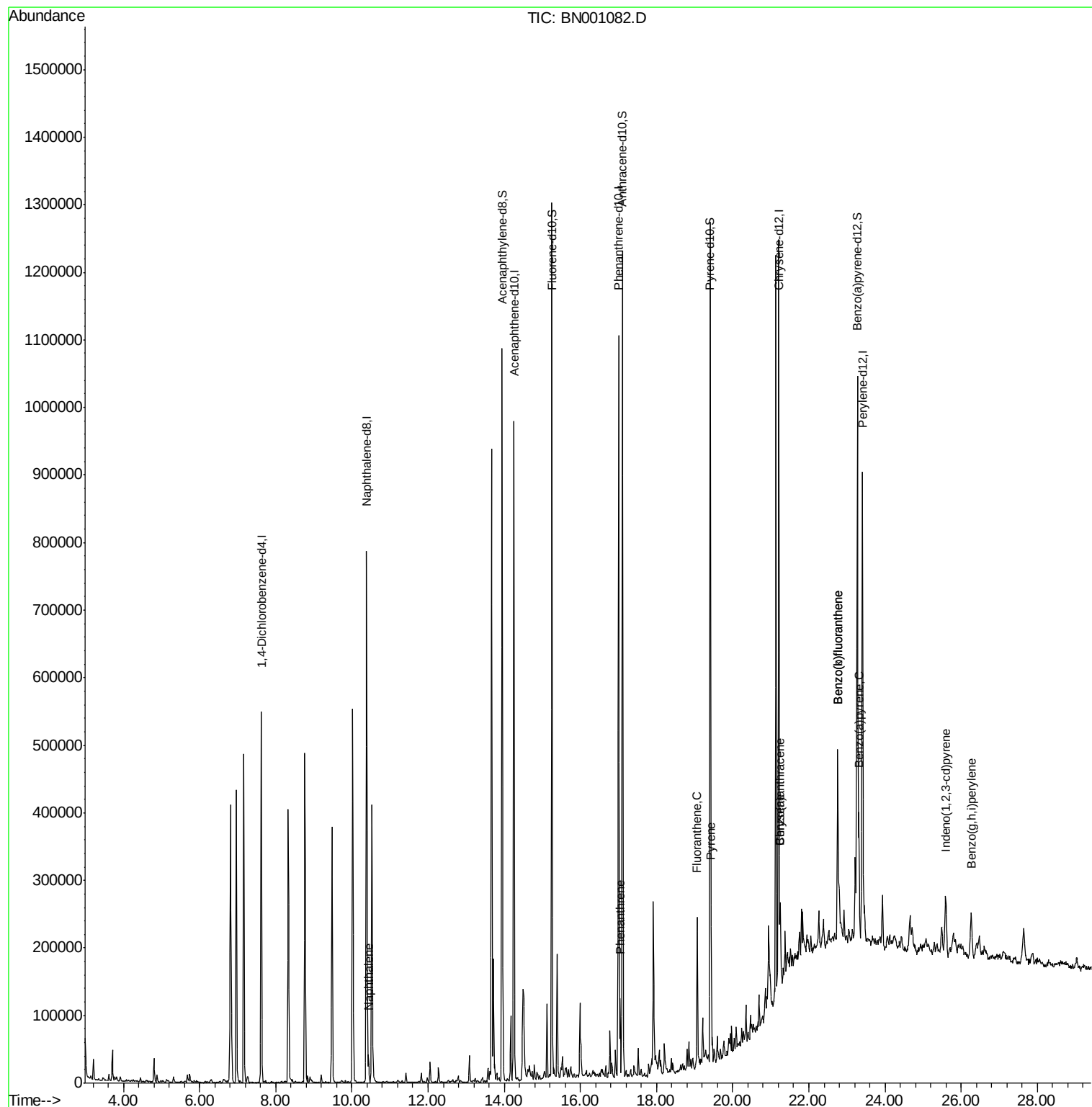
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	136903	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	597993	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	303021	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	556778	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	438554	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	447378	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	680243	23.37	ng/ul	0.00
10) Fluorene-d10	15.25	176	457782	23.57	ng/ul	0.00
14) Anthracene-d10	17.10	188	620726	24.38	ng/ul	0.00
18) Pyrene-d10	19.41	212	577778	25.71	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	555642	26.29	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.43	128	32921	1.092	ng/ul	98
13) Phenanthrene	17.05	178	59498	1.959	ng/ul	98
16) Fluoranthene	19.07	202	111339	3.614	ng/ul#	91
19) Pyrene	19.43	202	101358	3.598	ng/ul#	87
20) Benzo(a)anthracene	21.25	228	80673	3.077	ng/ul	93
21) Chrysene	21.25	228	83709	3.397	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	199704	7.855	ng/ul#	96
24) Benzo(k)fluoranthene	22.76	252	147461	5.927	ng/ul#	96
26) Benzo(a)pyrene	23.32	252	87661	3.608	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.59	276	67170	2.289	ng/ul#	89
29) Benzo(g,h,i)perylene	26.26	276	66222	2.698	ng/ul#	93

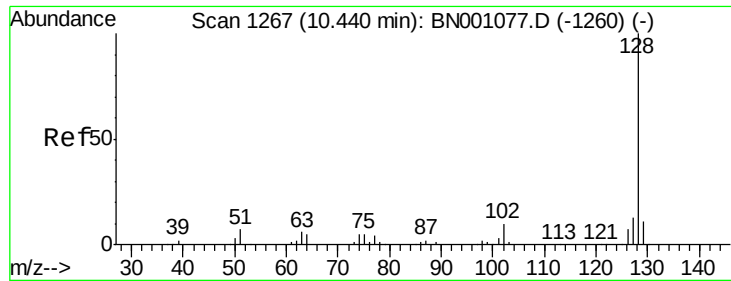
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.092 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

Instrument :

BNA_N

ClientSampled :

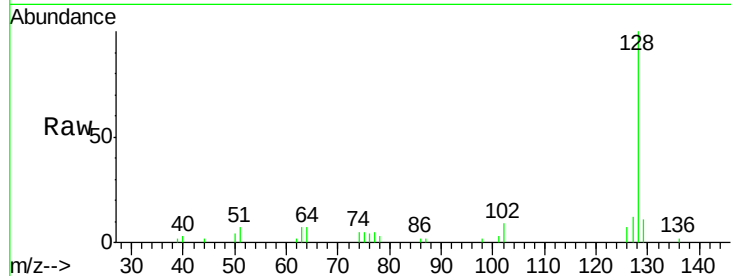
Tot Ion:128 Resp: 32921

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

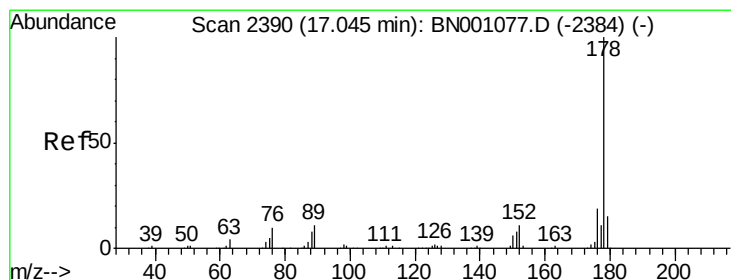
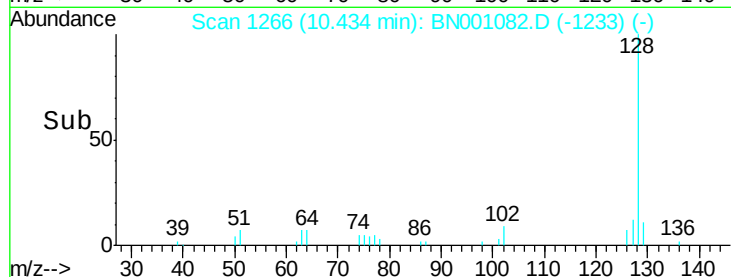
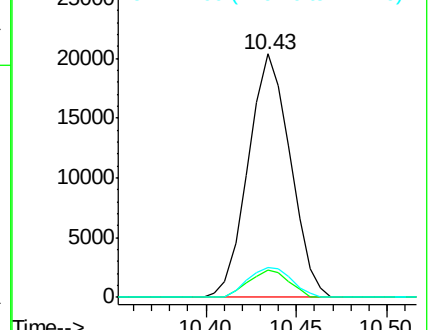
127 12.2 10.6 16.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#13

Phenanthrene

Concen: 1.959 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. 0.00 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

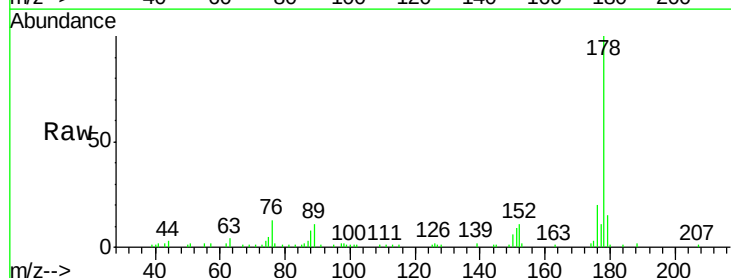
Tgt Ion:178 Resp: 59498

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

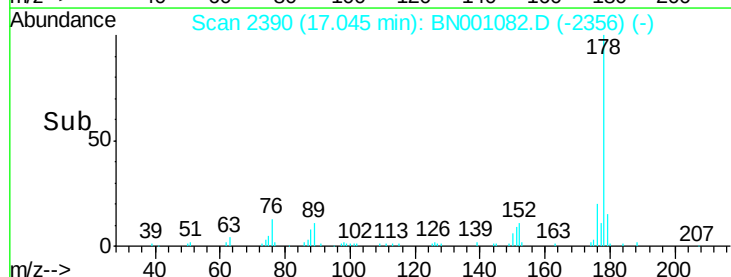
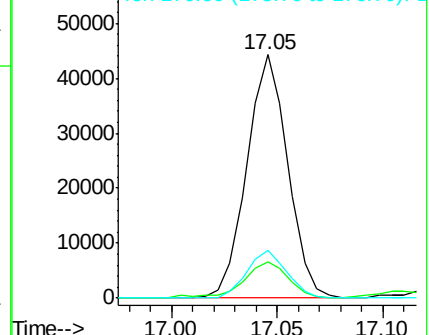
176 19.7 15.1 22.7

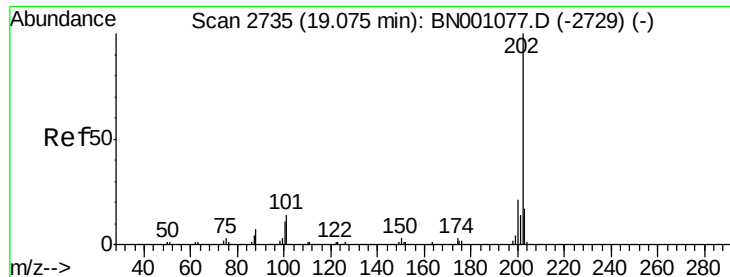


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

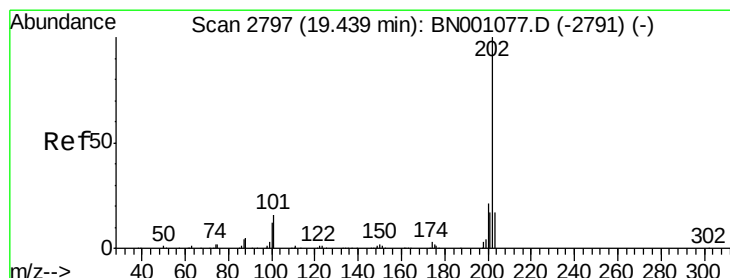
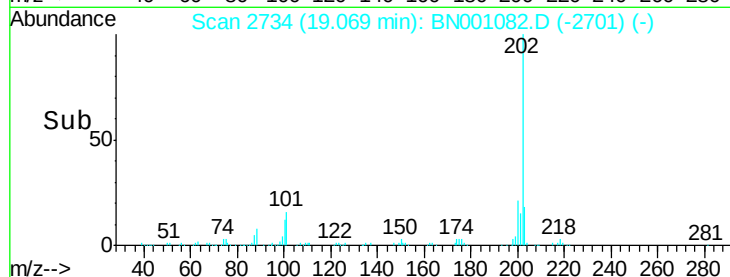
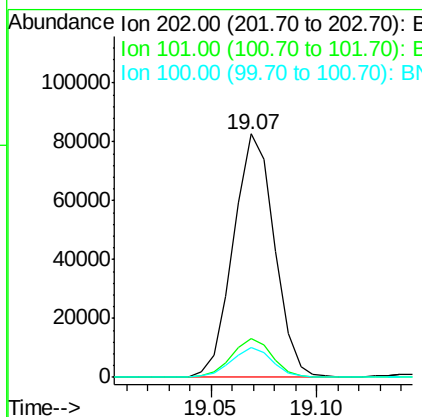
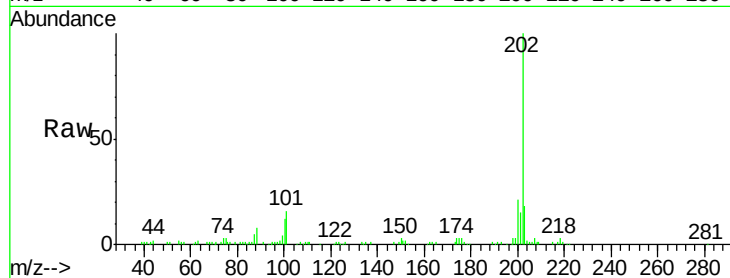




#16
 Fluoranthene
 Concen: 3.614 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001082.D
 Acq: 02 May 2018 21:54

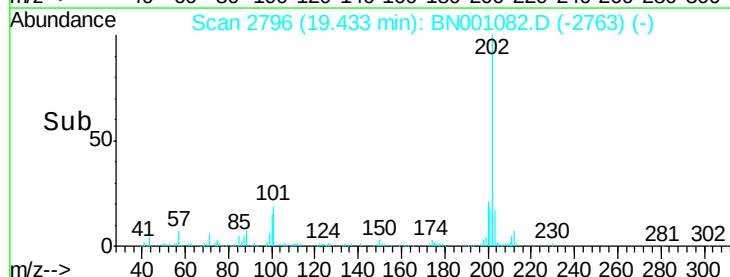
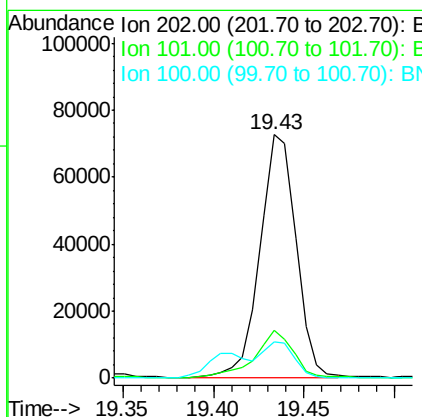
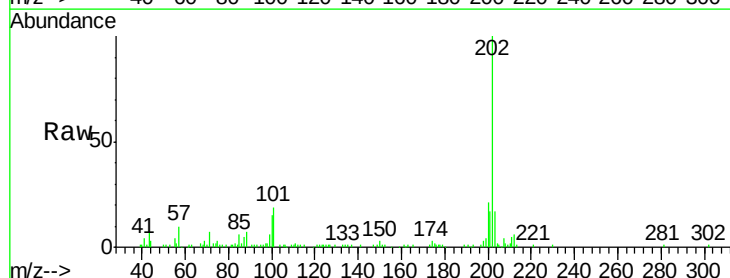
Instrument :
 BNA_N
 ClientSampleId :

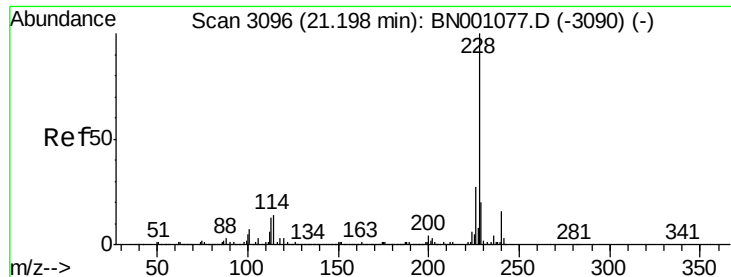
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.9	9.9	14.9#
100	12.1	7.4	11.0#



#19
 Pyrene
 Concen: 3.598 ng/ul
 RT: 19.43 min Scan# 2796
 Delta R.T. -0.01 min
 Lab File: BN001082.D
 Acq: 02 May 2018 21:54

Tgt Ion	Ratio	Lower	Upper
202	100		
101	19.4	11.0	16.4#
100	14.7	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 3.077 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.05 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

Instrument :

BNA_N

ClientSampleId :

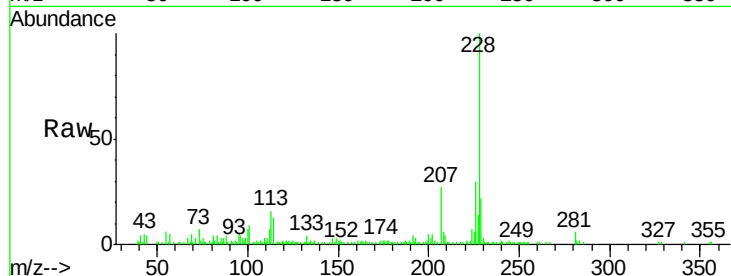
Tot Ion:228 Resp: 80673

Ion Ratio Lower Upper

228 100

229 22.3 15.7 23.5

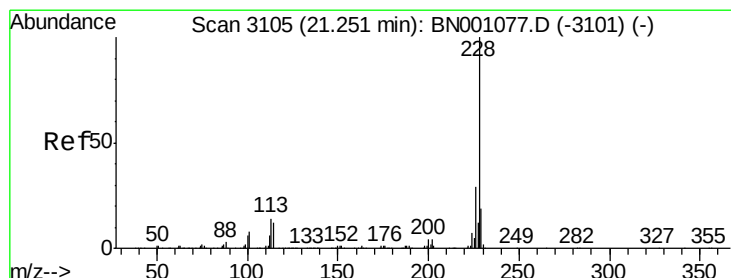
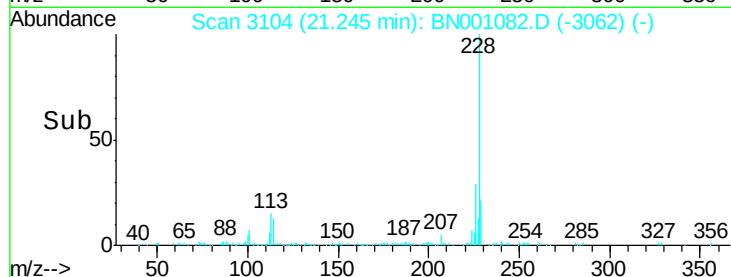
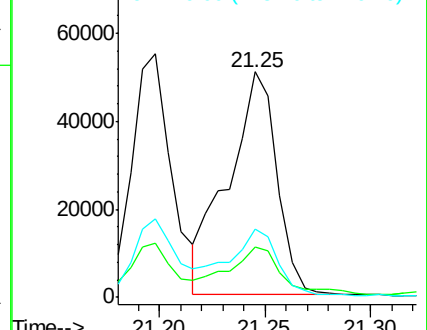
226 30.1 21.1 31.7



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: 3.397 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

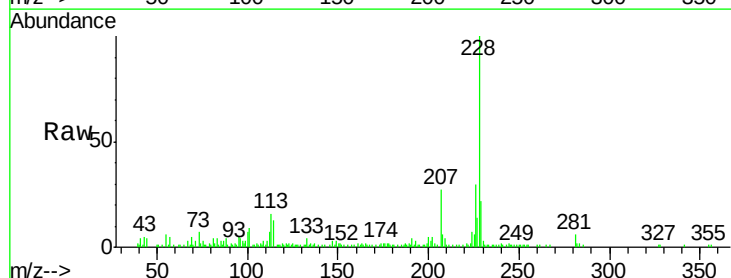
Tgt Ion:228 Resp: 83709

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

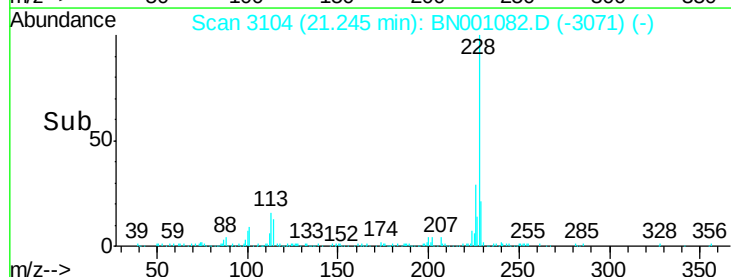
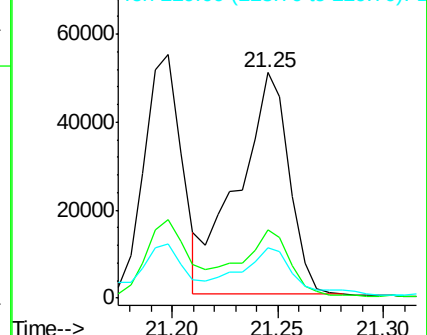
229 22.3 15.8 23.8

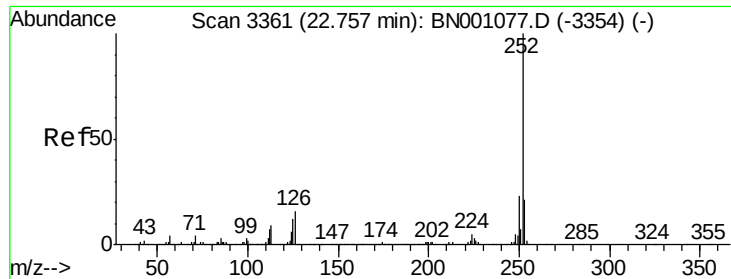


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 7.855 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

Instrument :

BNA_N

ClientSampleId :

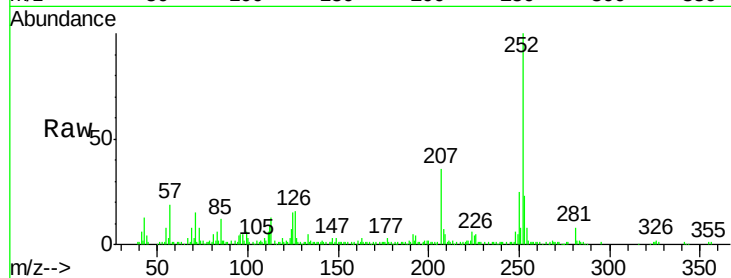
Tot Ion:252 Resp: 199704

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

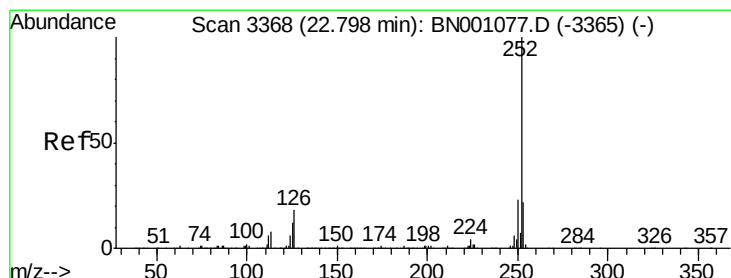
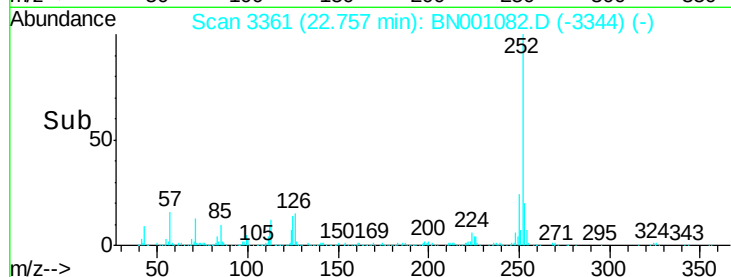
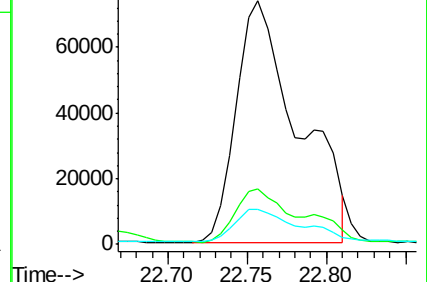
125 14.6 8.0 12.0#



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: 5.927 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

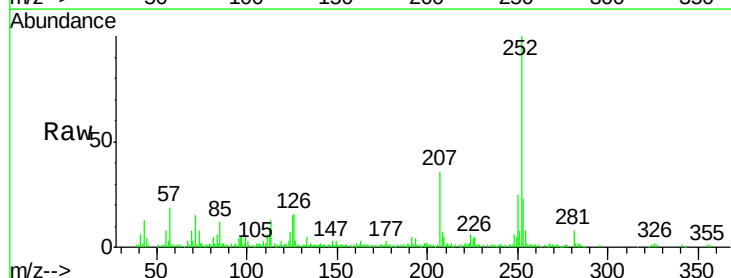
Tgt Ion:252 Resp: 147461

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

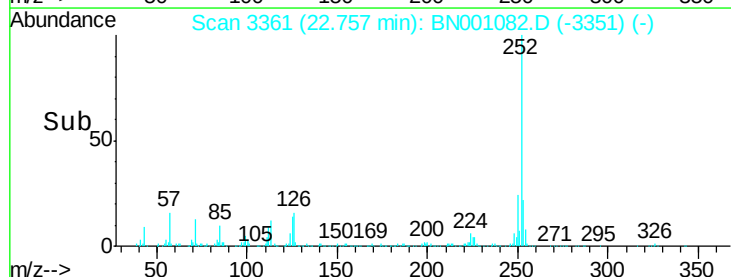
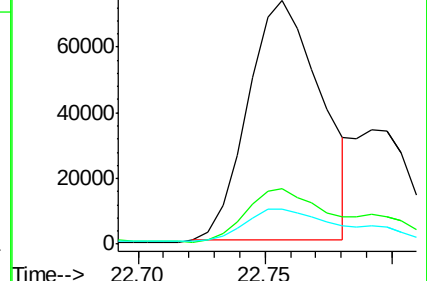
125 14.6 8.1 12.1#

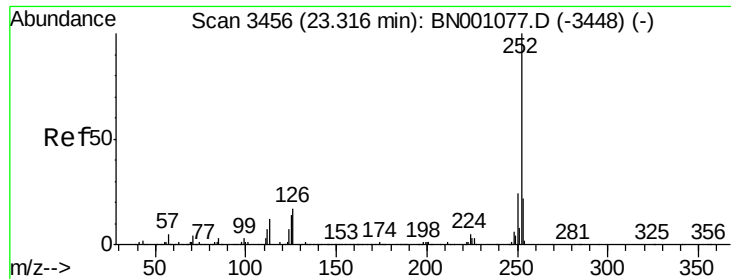


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

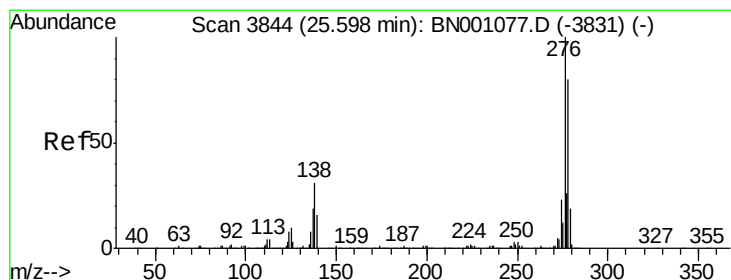
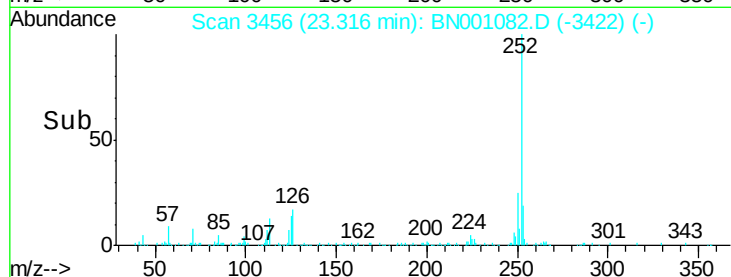
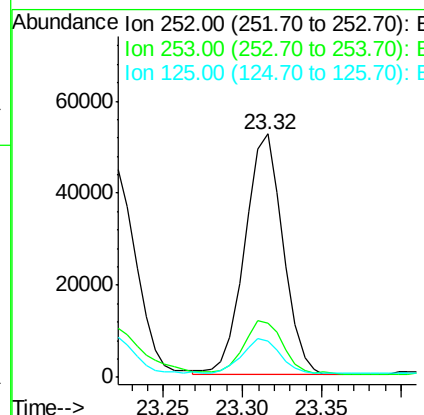
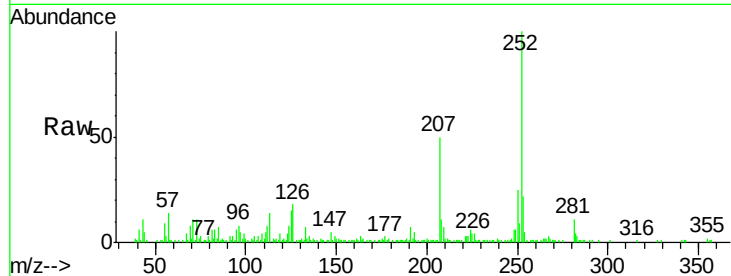




#26
Benzo(a)pyrene
Concen: 3.608 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

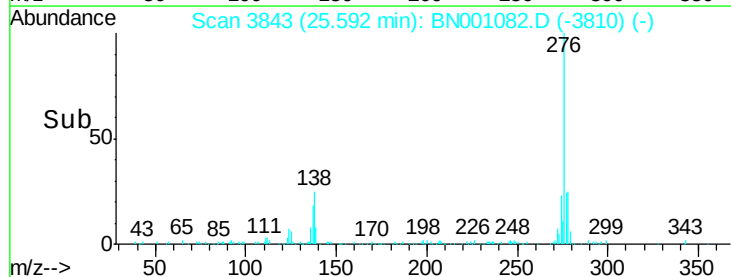
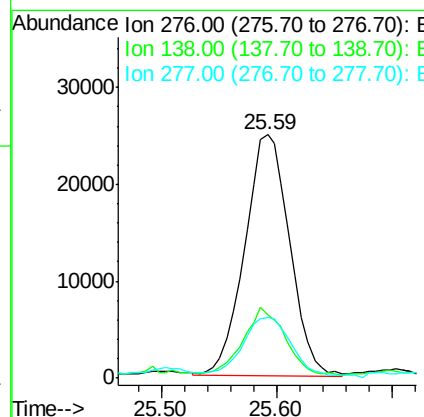
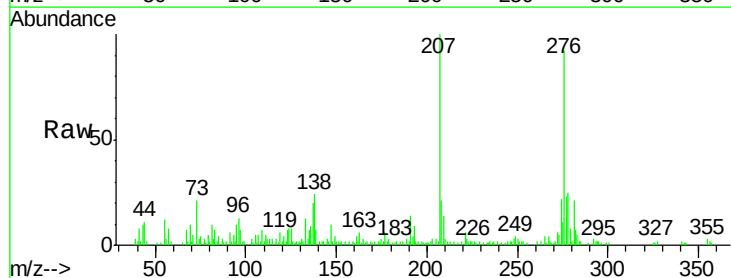
Instrument :
BNA_N
ClientSampleId :

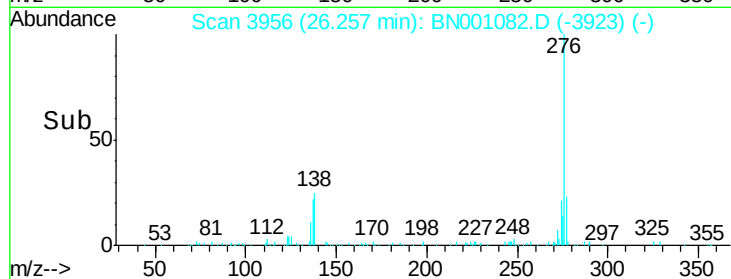
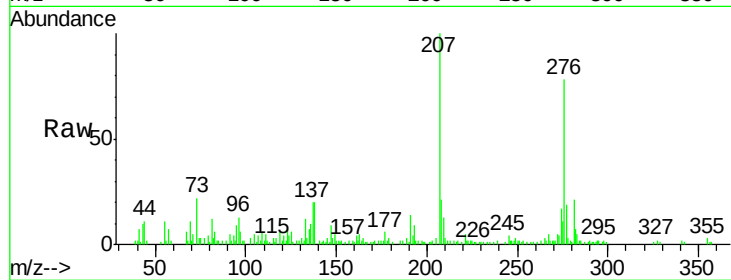
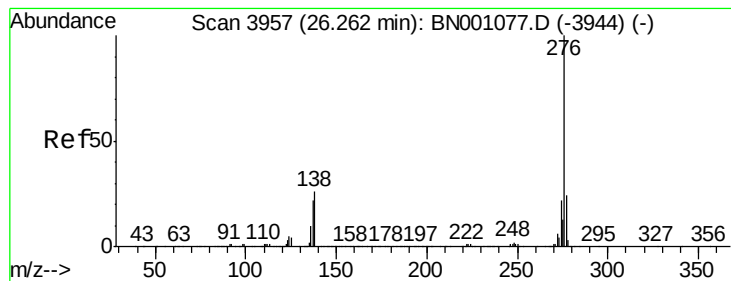
Tot Ion:252 Resp: 87661
Ion Ratio Lower Upper
252 100
253 22.3 17.2 25.8
125 15.1 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.289 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.01 min
Lab File: BN001082.D
Acq: 02 May 2018 21:54

Tgt Ion:276 Resp: 67170
Ion Ratio Lower Upper
276 100
138 25.9 14.4 21.6#
277 24.7 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.698 ng/ul

RT: 26.26 min Scan# 3956

Delta R.T. -0.01 min

Lab File: BN001082.D

Acq: 02 May 2018 21:54

Instrument :

BNA_N

ClientSampleId :

Tot Ion:276 Resp: 66222

Ion Ratio Lower Upper

276 100

138 25.8 15.3 22.9#

277 24.4 19.0 28.4

