

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008233.D
 Acq On : 17 Oct 2019 22:22
 Operator : JU
 Sample : K5177-14
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:59:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 17 01:48:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	2885	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13682	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8590	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	12492	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	11951	0.40	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Methylnaphthalene-d10	11.96	152	3555	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.02	212	9612	0.00	ng/ul	0.00

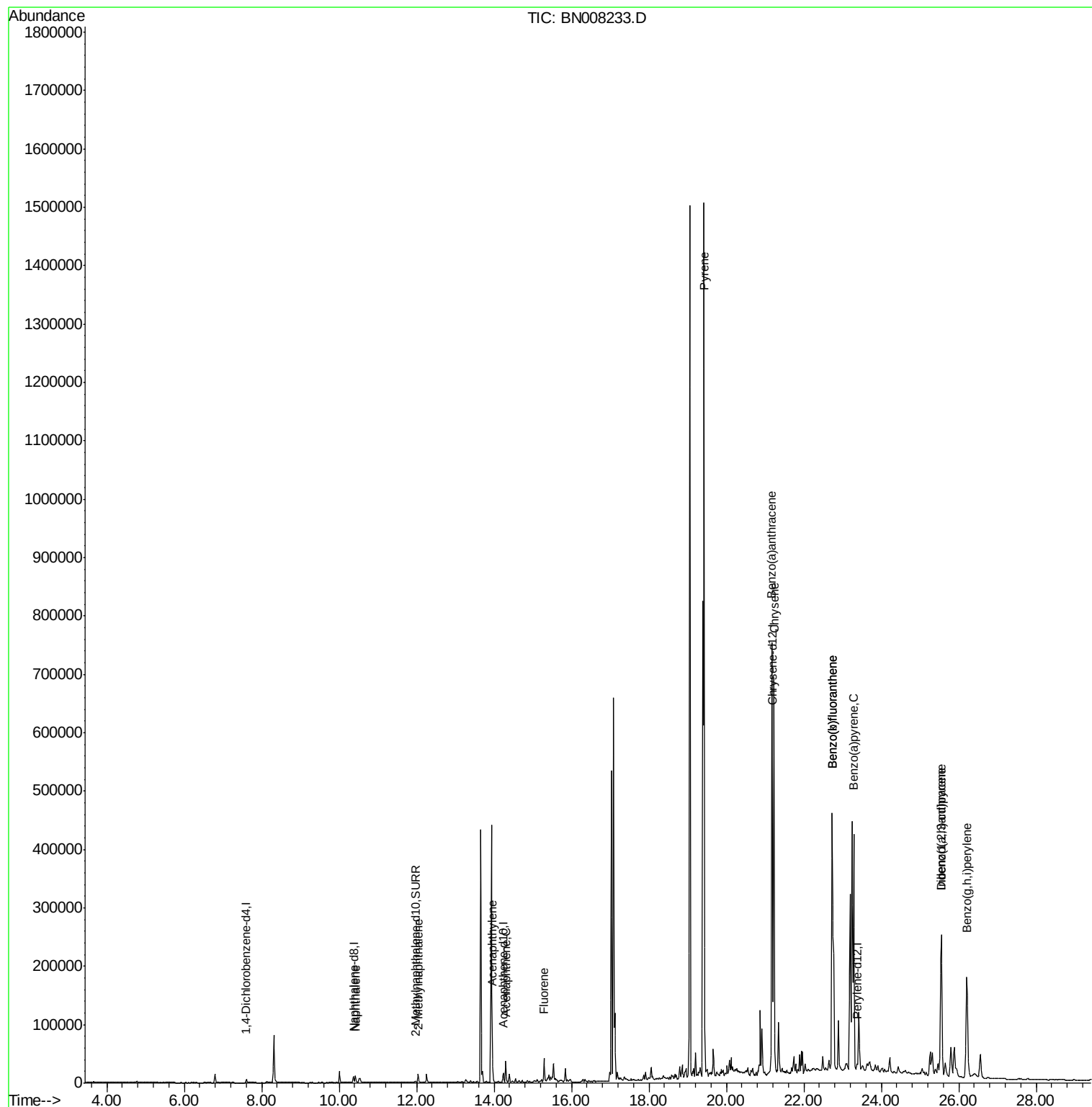
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.42	128	15410	0.396	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	11541	0.432	ng/ul	99
7) Acenaphthylene	13.95	152	44850	1.096	ng/ul	99
8) Acenaphthene	14.30	153	21044	0.661	ng/ul	99
9) Fluorene	15.29	166	25403	0.703	ng/ul#	96
17) Pyrene	19.42	202	1268866	25.510	ng/ul	98
18) Benzo(a)anthracene	21.18	228	618077	13.609	ng/ul	97
19) Chrysene	21.23	228	661856	11.875	ng/ul	98
21) Benzo(b)fluoranthene	22.73	252	975078	25.063	ng/ul	93
22) Benzo(k)fluoranthene	22.73	252	975078	22.125	ng/ul	94
23) Benzo(a)pyrene	23.28	252	536199	13.097	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.55	276	359961	7.465	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.55	278	94695	2.484	ng/ul	96
26) Benzo(g,h,i)perylene	26.21	276	353909	8.004	ng/ul	98

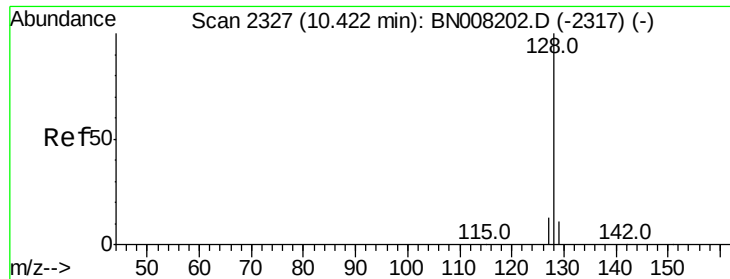
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008233.D
Acq On : 17 Oct 2019 22:22
Operator : JU
Sample : K5177-14
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 18 01:59:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.396 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

ClientSampleId :

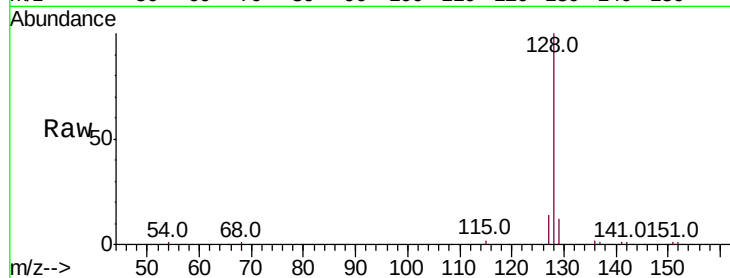
Tot Ion:128 Resp: 15410

Ion Ratio Lower Upper

128 100

129 12.0 9.8 14.8

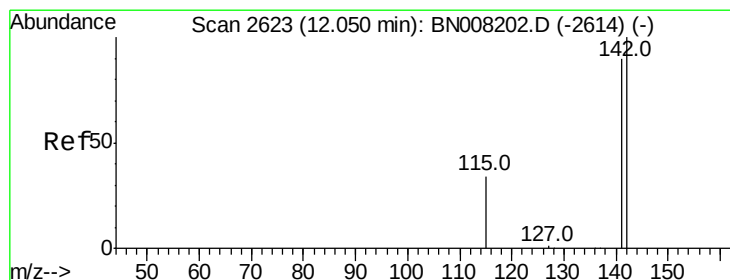
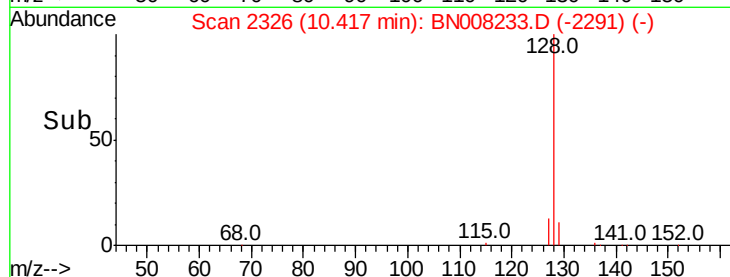
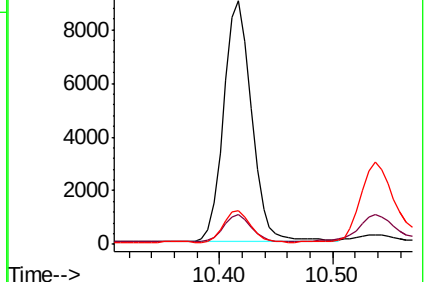
127 13.7 11.1 16.7



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



#5

2-Methylnaphthalene

Concen: 0.432 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN008233.D

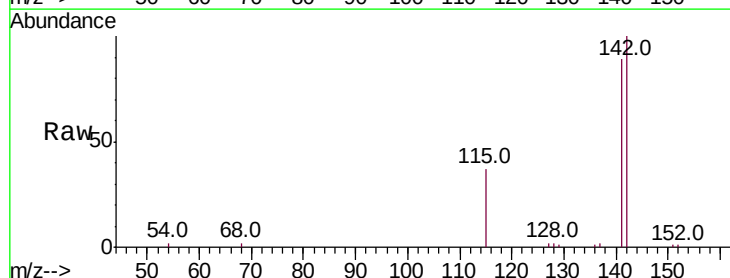
Acq: 17 Oct 2019 22:22

Tgt Ion:142 Resp: 11541

Ion Ratio Lower Upper

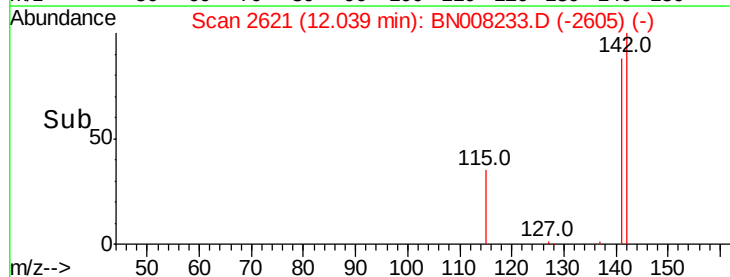
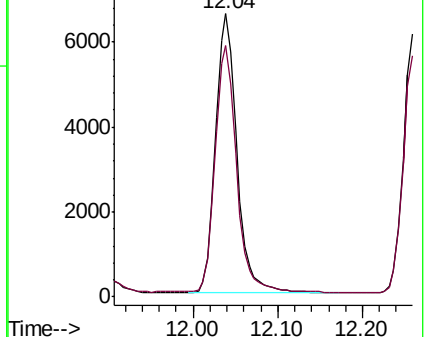
142 100

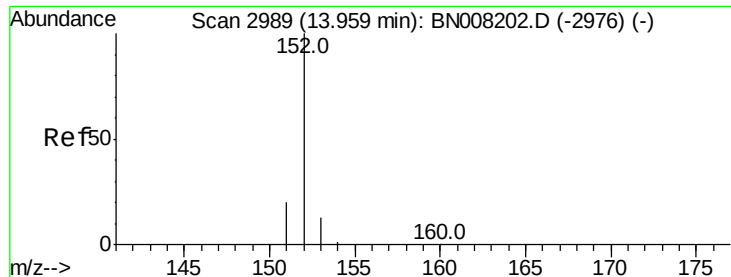
141 88.1 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.096 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

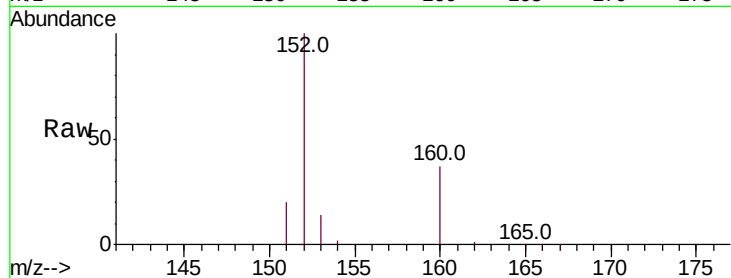
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 44850

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	14.2	11.0	16.4

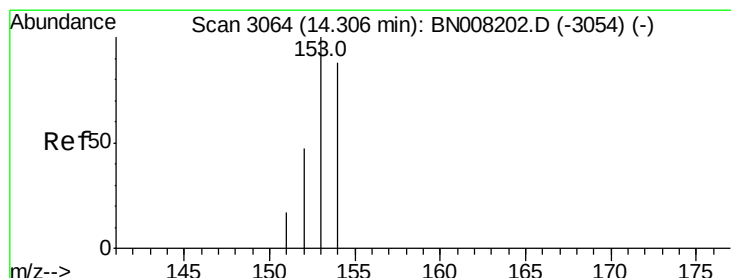
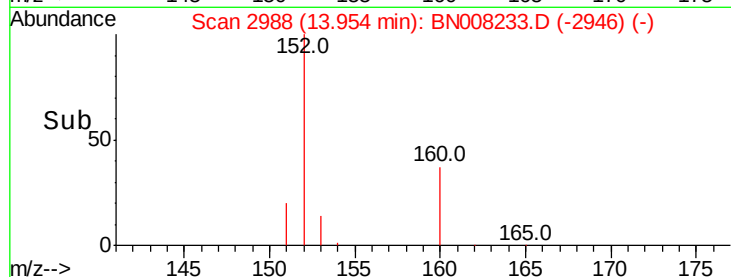
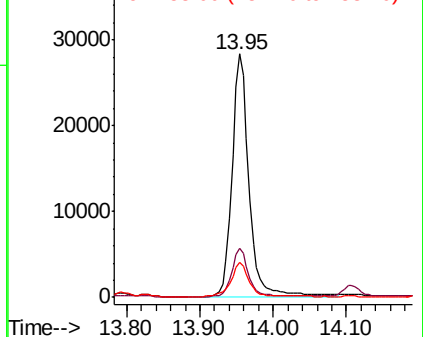


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.661 ng/ul

RT: 14.30 min Scan# 3063

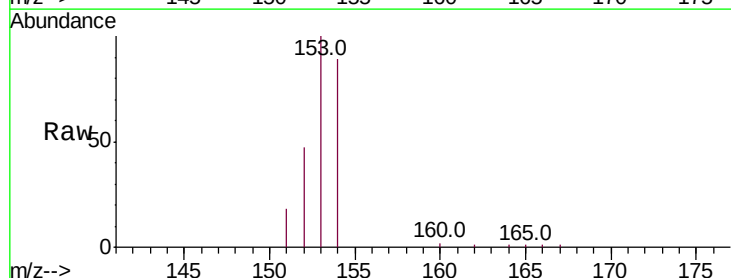
Delta R.T. -0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Tgt Ion:153 Resp: 21044

Ion	Ratio	Lower	Upper
153	100		
152	47.1	38.2	57.2
154	88.6	71.8	107.8

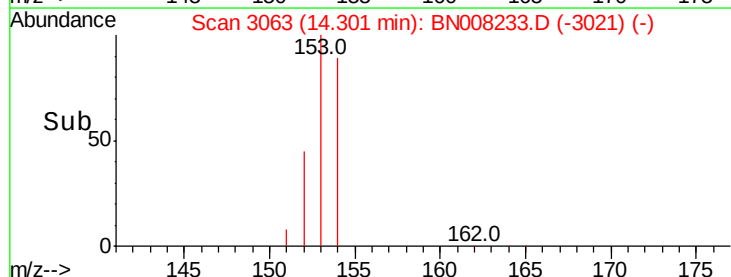
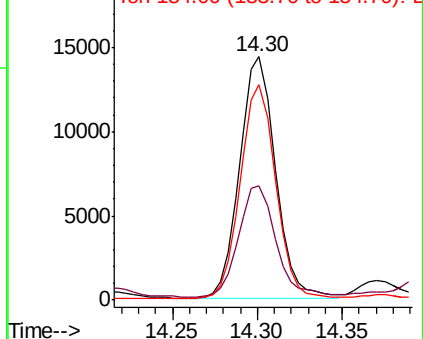


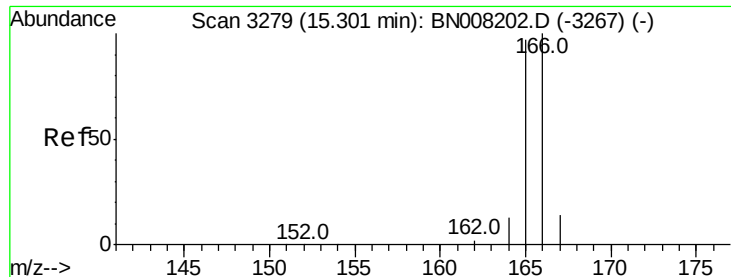
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

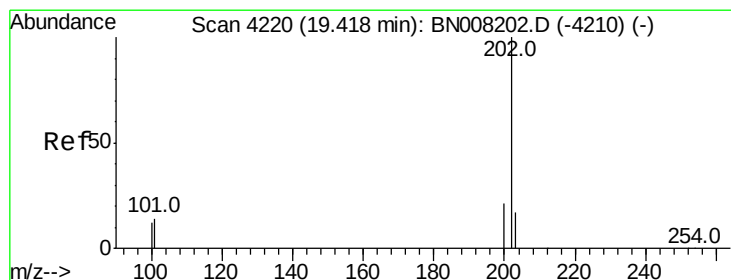
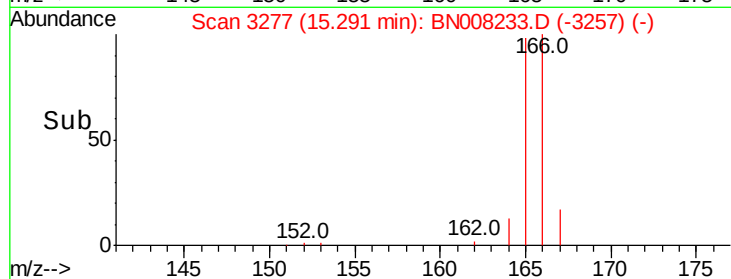
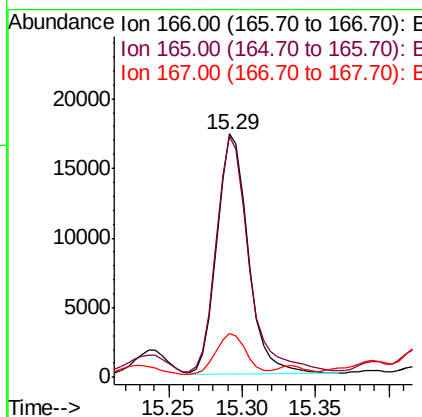
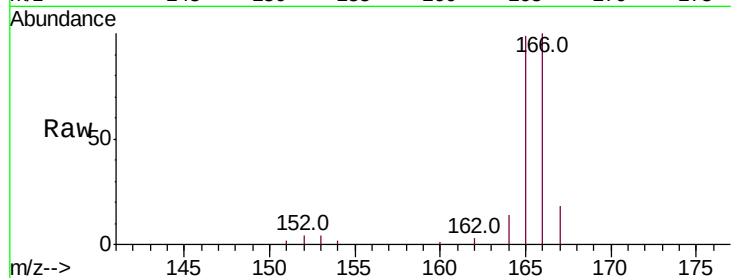




#9
Fluorene
 Concen: 0.703 ng/ul
 RT: 15.29 min Scan# 3277
 Delta R.T. -0.01 min
 Lab File: BN008233.D
 Acq: 17 Oct 2019 22:22

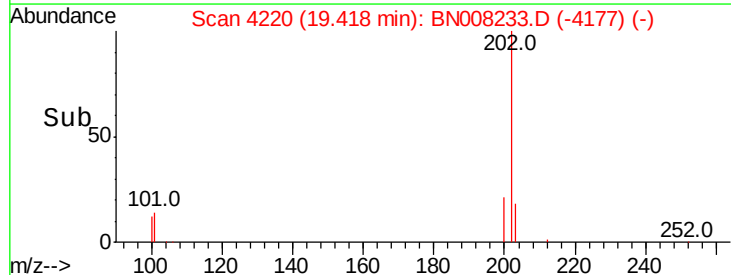
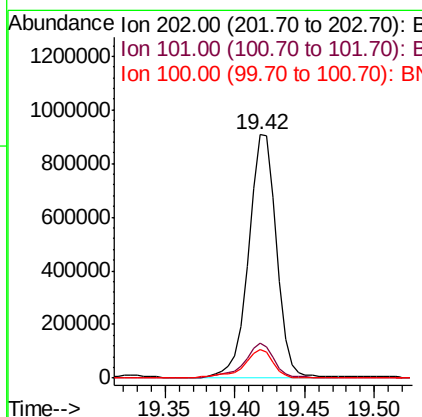
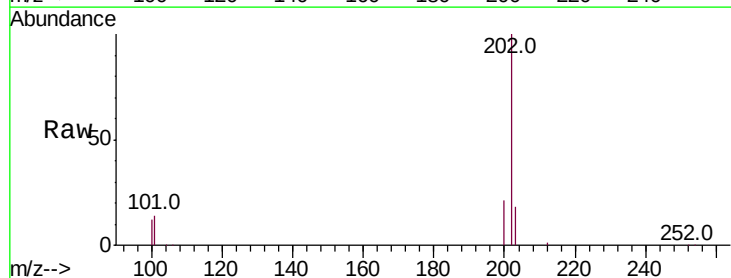
Instrument :
 BNA_N
 ClientSampleId :

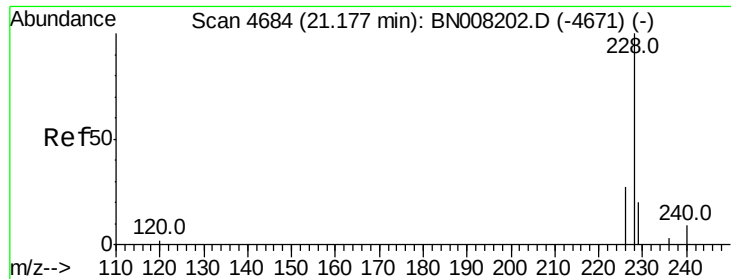
Tot Ion:166 Resp: 25403
 Ion Ratio Lower Upper
 166 100
 165 99.2 76.6 115.0
 167 18.3 11.7 17.5#



#17
Pyrene
 Concen: 25.510 ng/ul
 RT: 19.42 min Scan# 4220
 Delta R.T. 0.00 min
 Lab File: BN008233.D
 Acq: 17 Oct 2019 22:22

Tgt Ion:202 Resp: 1268866
 Ion Ratio Lower Upper
 202 100
 101 14.4 10.9 16.3
 100 11.7 8.7 13.1





#18

Benzo(a)anthracene

Concen: 13.609 ng/ul

RT: 21.18 min Scan# 4684

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

ClientSampleId :

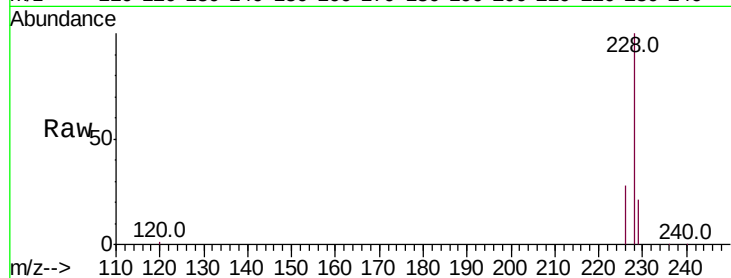
Tot Ion:228 Resp: 618077

Ion Ratio Lower Upper

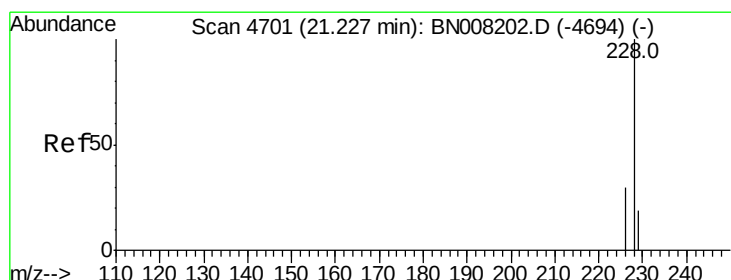
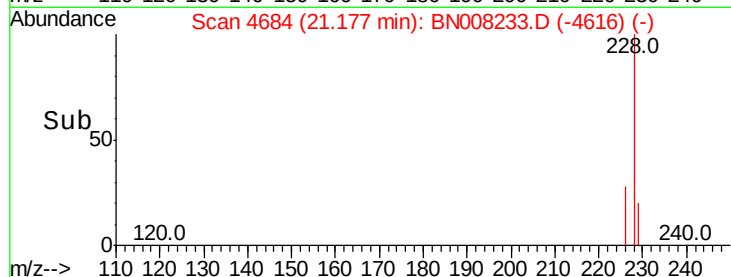
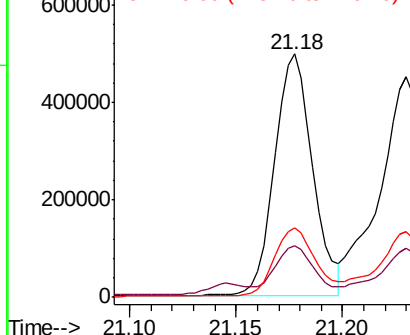
228 100

229 21.0 16.2 24.2

226 28.4 21.4 32.0



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



#19

Chrysene

Concen: 11.875 ng/ul

RT: 21.23 min Scan# 4702

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

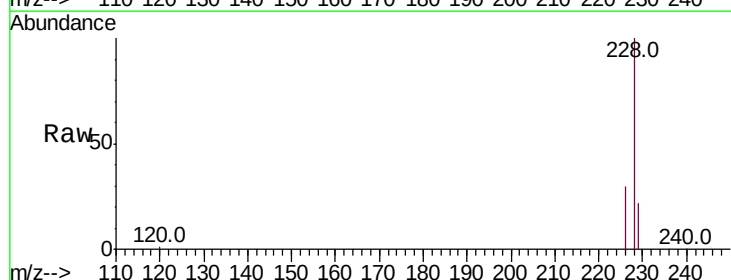
Tgt Ion:228 Resp: 661856

Ion Ratio Lower Upper

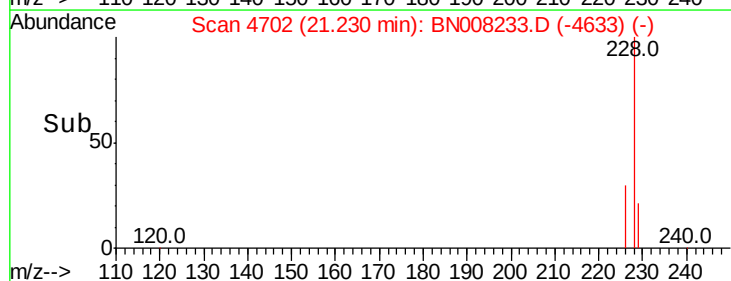
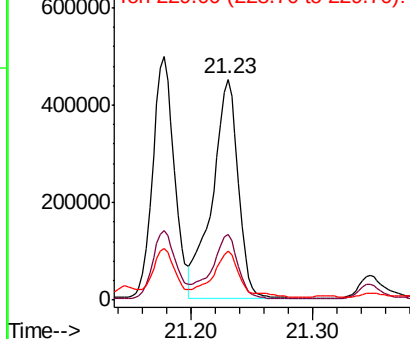
228 100

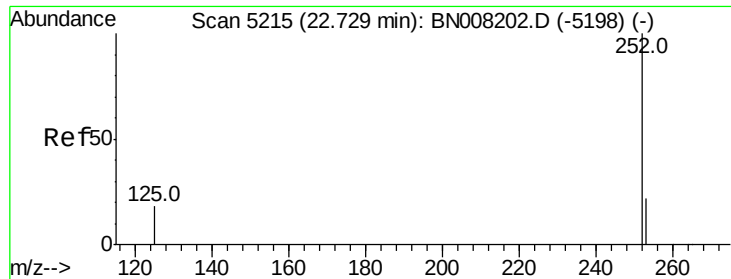
226 29.8 24.1 36.1

229 22.0 16.2 24.2



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





#21

Benzo(b)fluoranthene

Concen: 25.063 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

ClientSampleId :

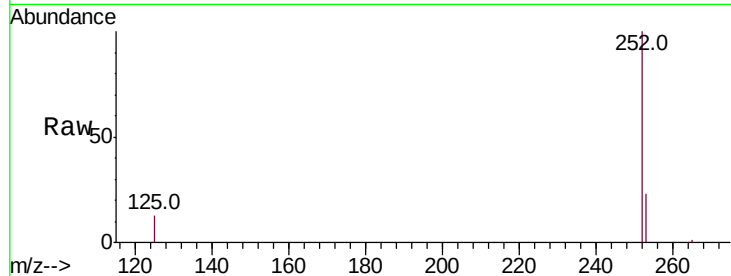
Tot Ion:252 Resp: 975078

Ion Ratio Lower Upper

252 100

253 23.3 0.0 53.4

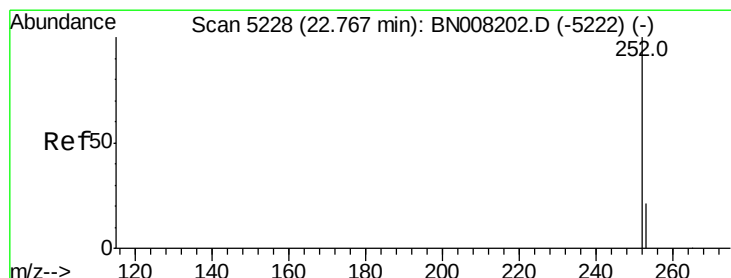
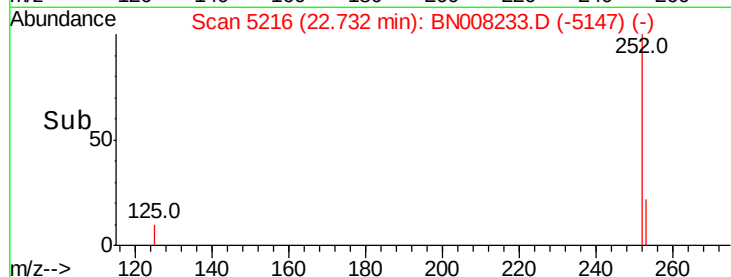
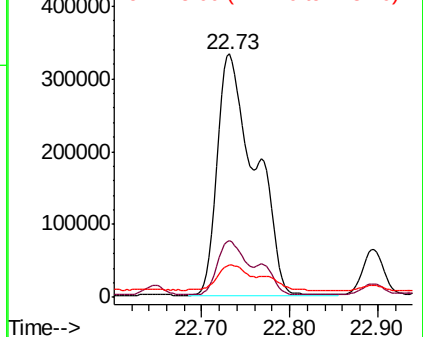
125 13.1 0.0 32.4



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



#22

Benzo(k)fluoranthene

Concen: 22.125 ng/ul

RT: 22.73 min Scan# 5216

Delta R.T. -0.04 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

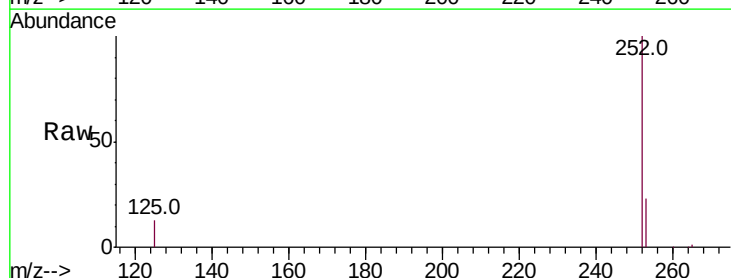
Tgt Ion:252 Resp: 975078

Ion Ratio Lower Upper

252 100

253 23.3 21.3 31.9

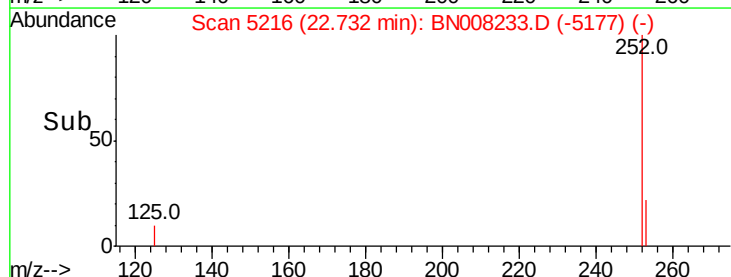
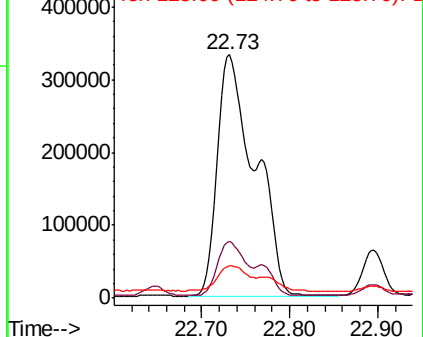
125 13.1 12.3 18.5

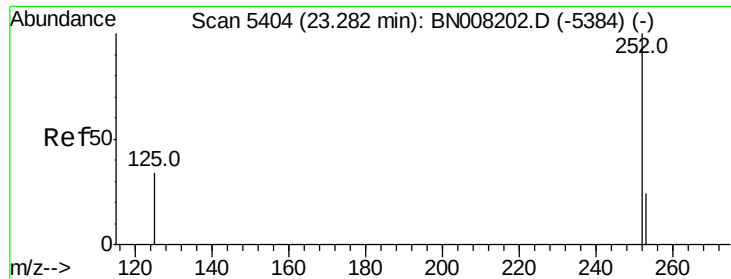


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 13.097 ng/ul

RT: 23.28 min Scan# 5405

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

Instrument :

BNA_N

ClientSampleId :

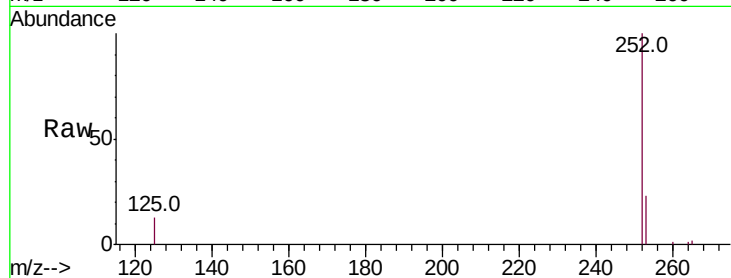
Tot Ion:252 Resp: 536199

Ion Ratio Lower Upper

252 100

253 23.2 22.8 34.2

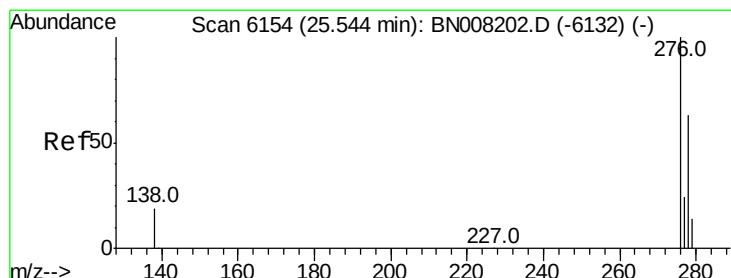
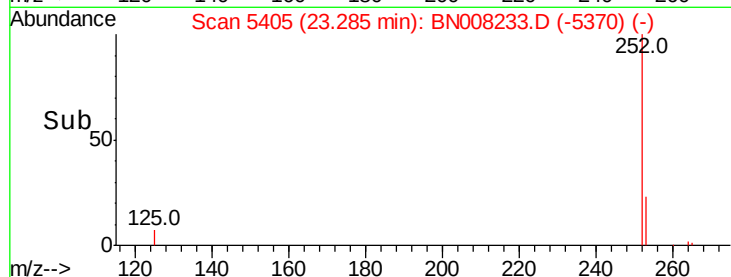
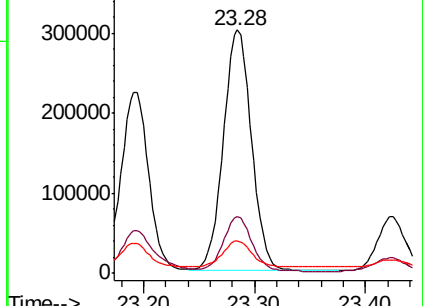
125 13.3 18.4 27.6#



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

Indeno(1,2,3-cd)pyrene

Concen: 7.465 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. 0.00 min

Lab File: BN008233.D

Acq: 17 Oct 2019 22:22

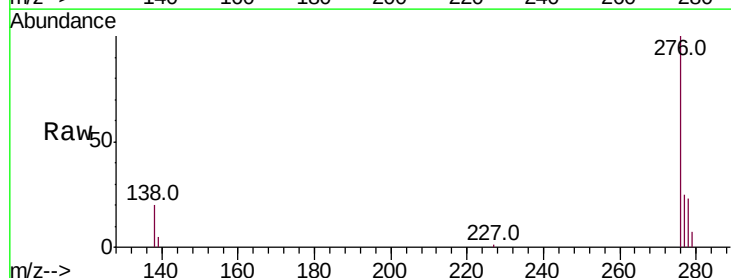
Tgt Ion:276 Resp: 359961

Ion Ratio Lower Upper

276 100

138 19.3 16.1 24.1

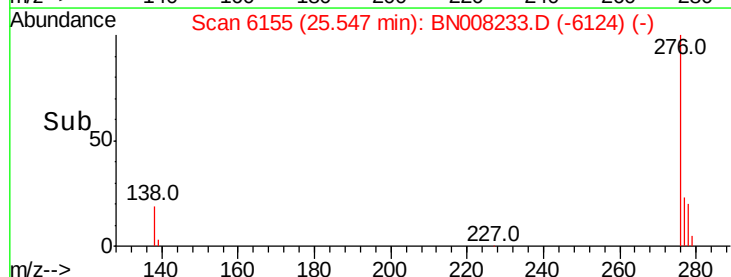
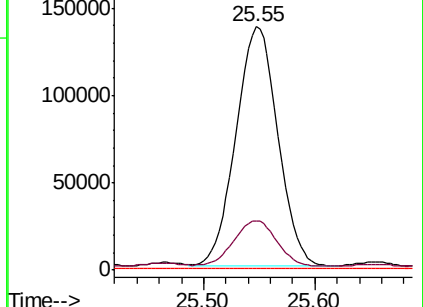
227 0.2 0.2 0.2#

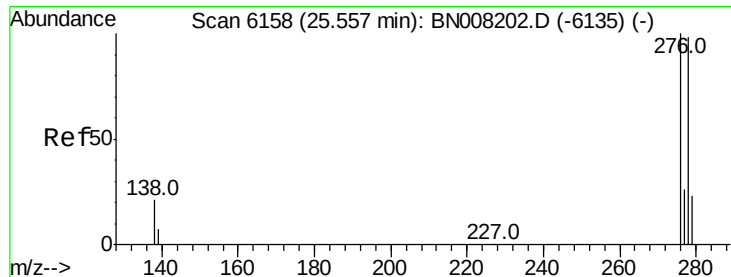


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

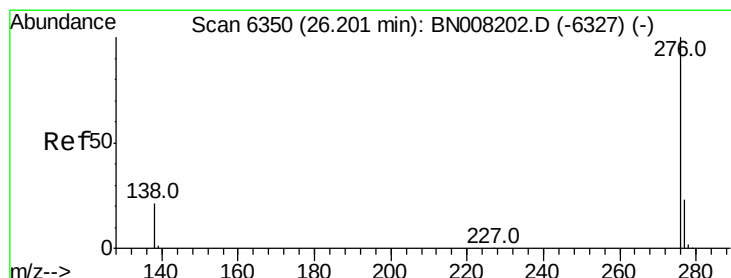
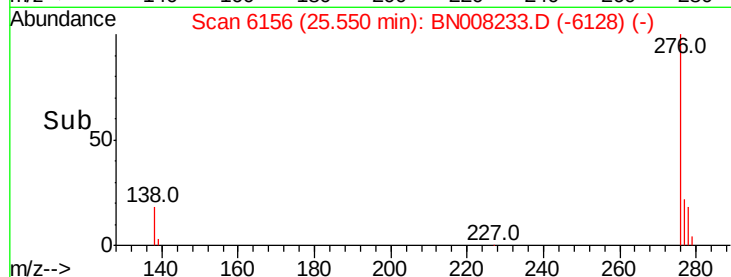
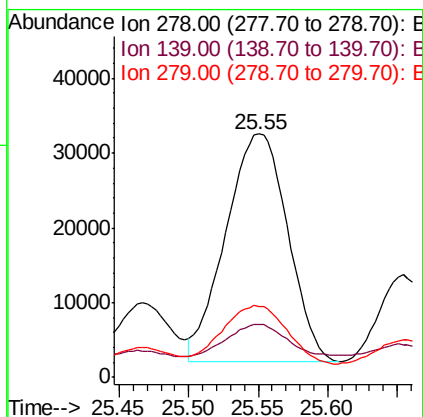
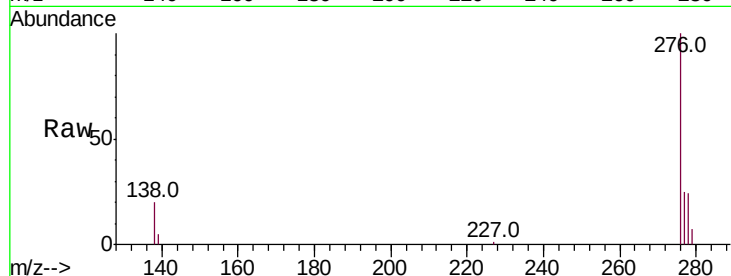




#25
Dibenzo(a,h)anthracene
Concen: 2.484 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 94695
Ion Ratio Lower Upper
278 100
139 21.9 15.0 22.6
279 29.0 22.4 33.6



#26
Benzo(g,h,i)perylene
Concen: 8.004 ng/ul
RT: 26.21 min Scan# 6352
Delta R.T. 0.01 min
Lab File: BN008233.D
Acq: 17 Oct 2019 22:22

Tgt Ion:276 Resp: 353909
Ion Ratio Lower Upper
276 100
138 20.8 17.0 25.4
277 24.2 20.4 30.6

