

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008356.D
 Acq On : 23 Oct 2019 19:08
 Operator : JU
 Sample : K5223-09DL 2X
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:38:44 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 : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

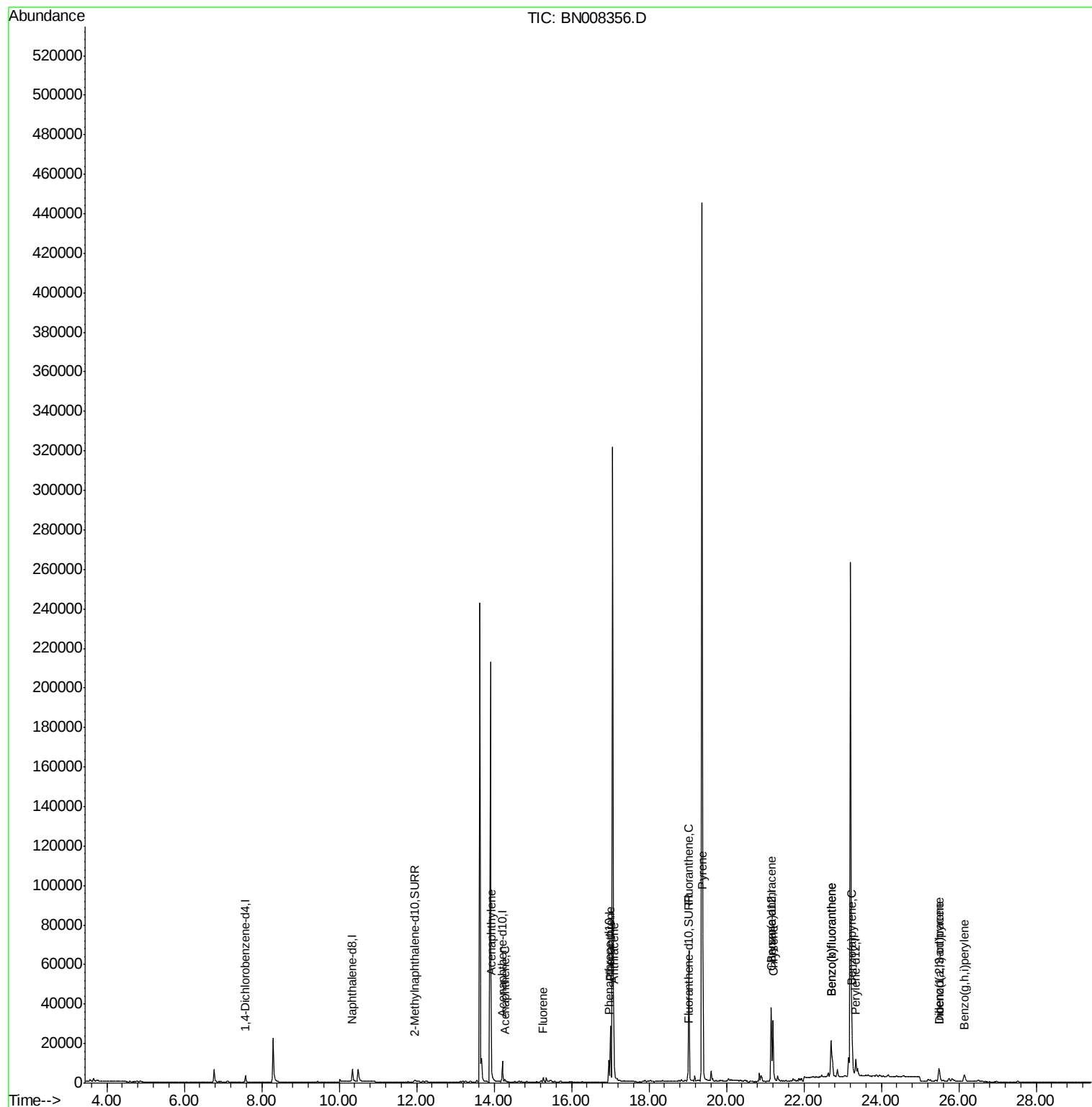
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1905	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	9158	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	5925	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12947	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11703	0.40	ng/ul	-0.01
20) Perylene-d12	23.34	264	9667	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	1597	0.10	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	4976	0.11	ng/ul	-0.01
Target Compounds				Ovalue		
7) Acenaphthylene	13.93	152	1093	0.039	ng/ul#	82
8) Acenaphthene	14.28	153	802	0.037	ng/ul	98
9) Fluorene	15.27	166	1418	0.057	ng/ul#	95
12) Phenanthrene	17.00	178	30861	0.814	ng/ul	99
13) Anthracene	17.09	178	7740	0.232	ng/ul	98
15) Fluoranthene	19.03	202	58889	1.176	ng/ul	97
17) Pyrene	19.39	202	51809	1.112	ng/ul	99
18) Benzo(a)anthracene	21.15	228	30782	0.723	ng/ul	97
19) Chrysene	21.21	228	30082	0.576	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	42023	1.335	ng/ul	98
22) Benzo(k)fluoranthene	22.70	252	42023	1.179	ng/ul	98
23) Benzo(a)pyrene	23.24	252	19855	0.600	ng/ul#	93
24) Indeno(1,2,3-cd)pyrene	25.49	276	10706	0.274	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.49	278	2736	0.089	ng/ul#	78
26) Benzo(g,h,i)perylene	26.14	276	7603	0.213	ng/ul	95

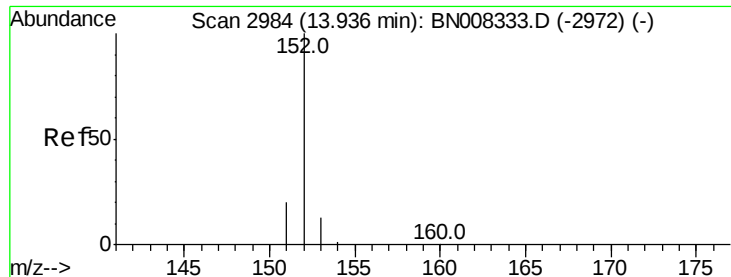
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.039 ng/ul

RT: 13.93 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

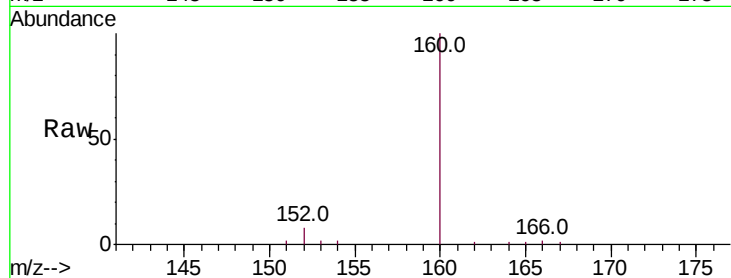
Tot Ion:152 Resp: 1093

Ion Ratio Lower Upper

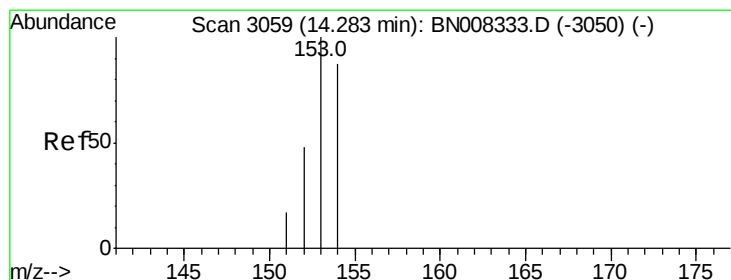
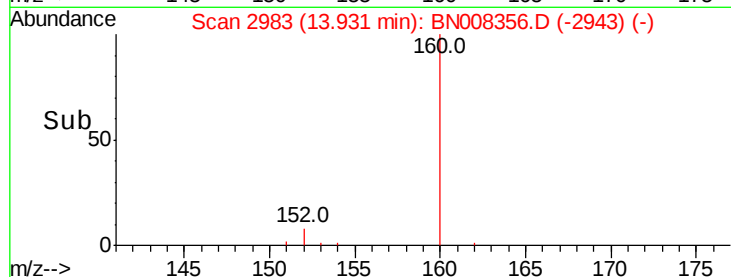
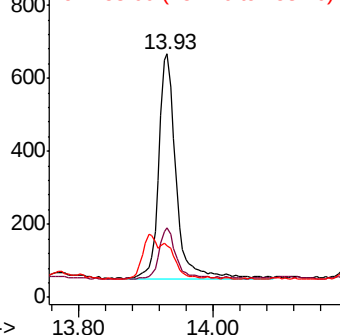
152 100

151 28.5 16.2 24.4#

153 21.1 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: 0.037 ng/ul

RT: 14.28 min Scan# 3058

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

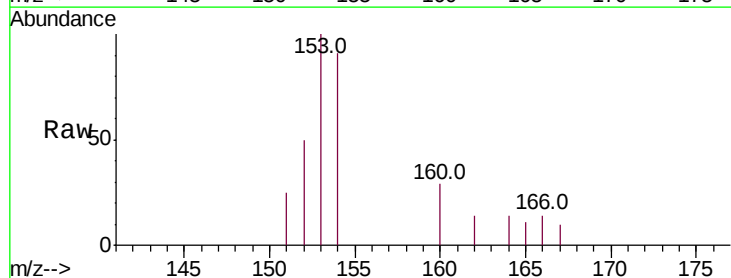
Tgt Ion:153 Resp: 802

Ion Ratio Lower Upper

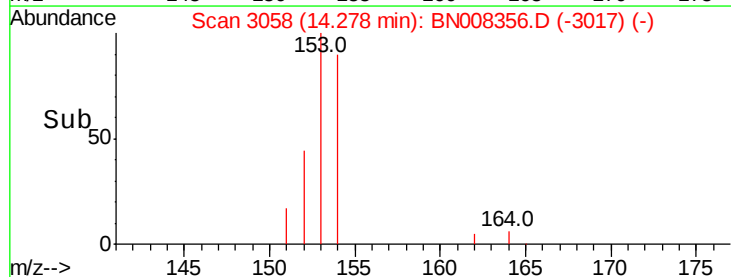
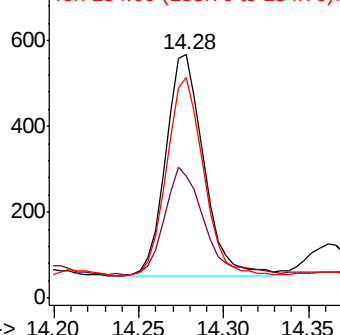
153 100

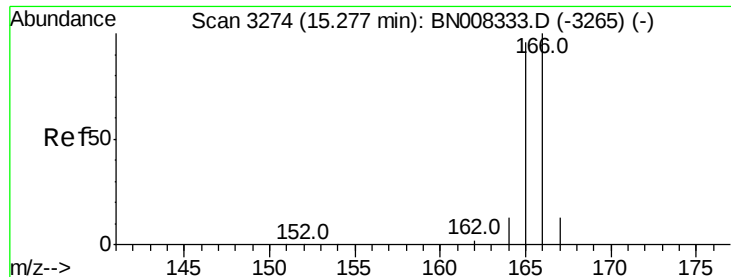
152 49.9 38.2 57.2

154 90.8 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: 0.057 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

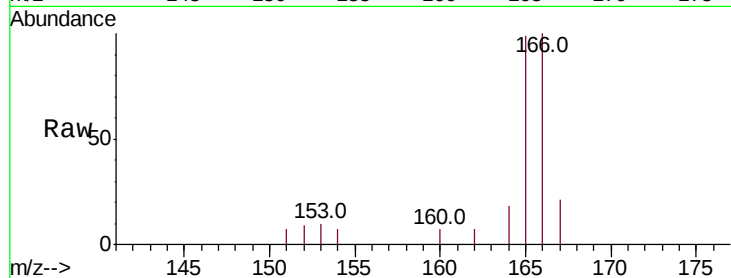
Tot Ion:166 Resp: 1418

Ion Ratio Lower Upper

166 100

165 99.4 76.6 115.0

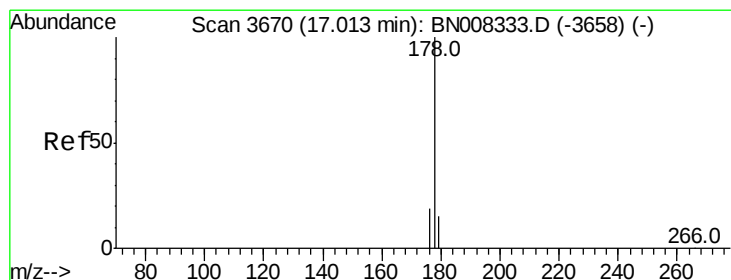
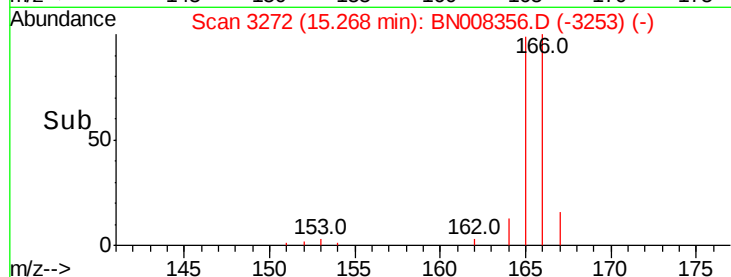
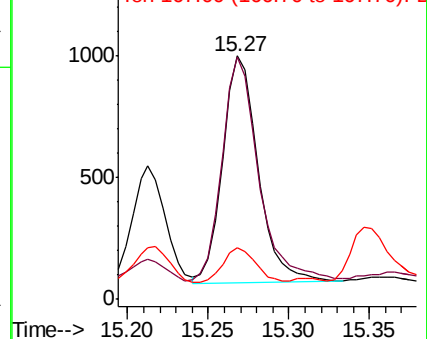
167 21.3 11.7 17.5#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 0.814 ng/ul

RT: 17.00 min Scan# 3668

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

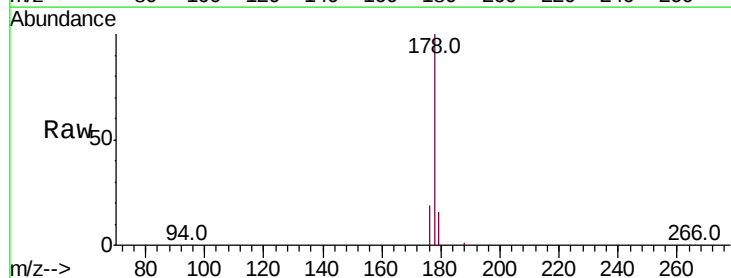
Tgt Ion:178 Resp: 30861

Ion Ratio Lower Upper

178 100

179 15.6 12.8 19.2

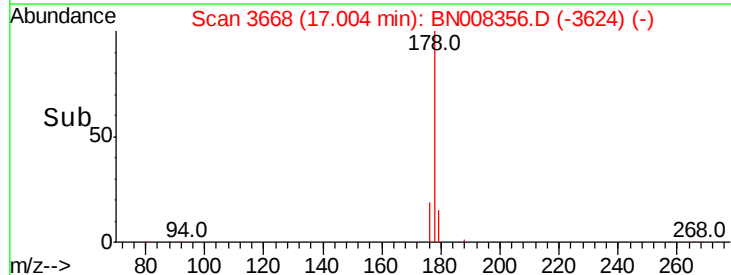
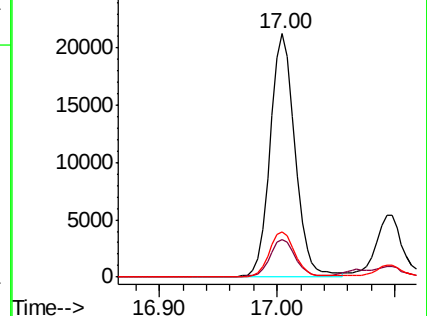
176 18.8 15.4 23.2

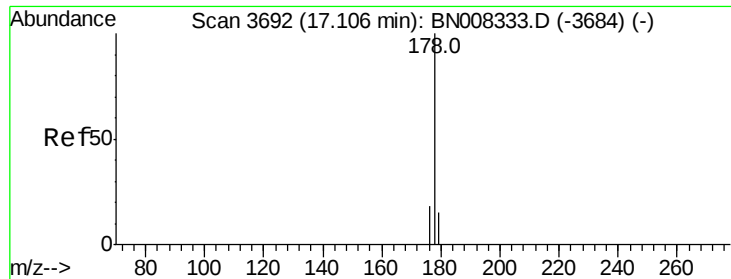


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.232 ng/ul

RT: 17.09 min Scan# 3689

Delta R.T. -0.02 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

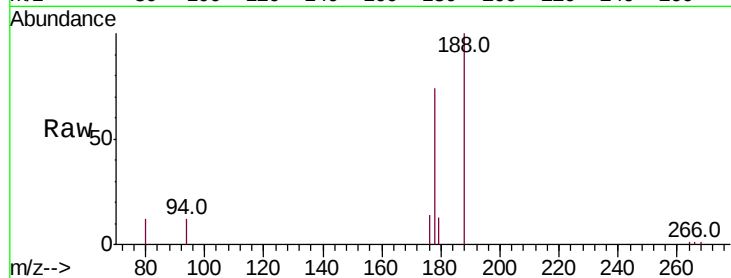
Tot Ion:178 Resp: 7740

Ion Ratio Lower Upper

178 100

179 17.5 13.0 19.6

176 19.3 15.0 22.6



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

25000

20000

15000

10000

5000

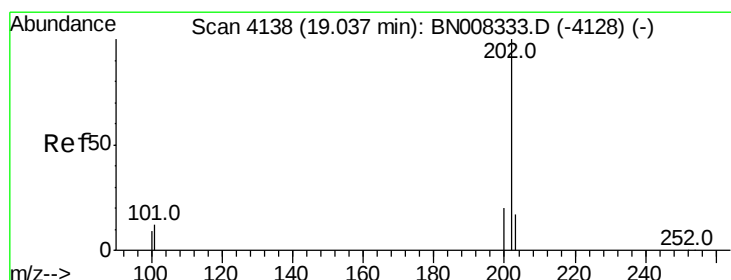
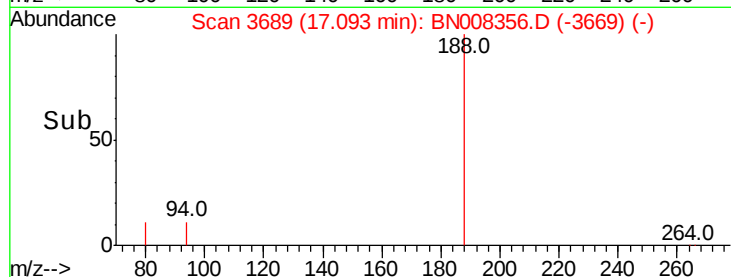
0

Time-->

17.05

17.10

17.15



#15

Fluoranthene

Concen: 1.176 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

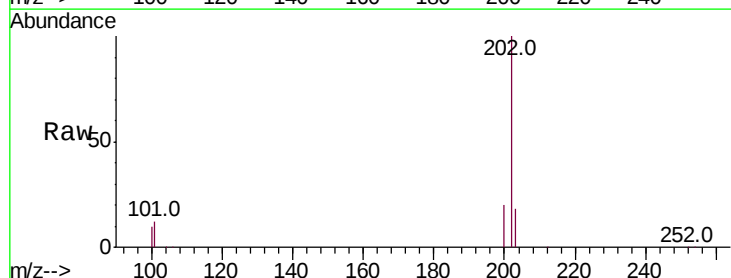
Tgt Ion:202 Resp: 58889

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.2

100 9.5 0.0 28.5



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

50000

40000

30000

20000

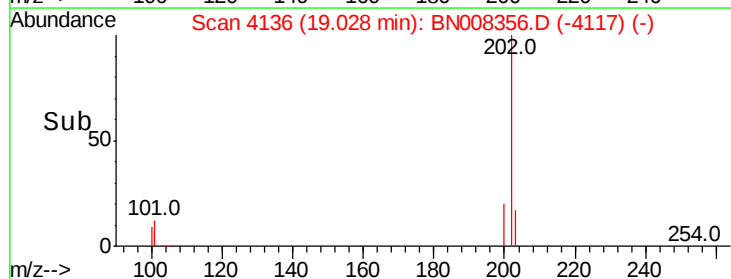
10000

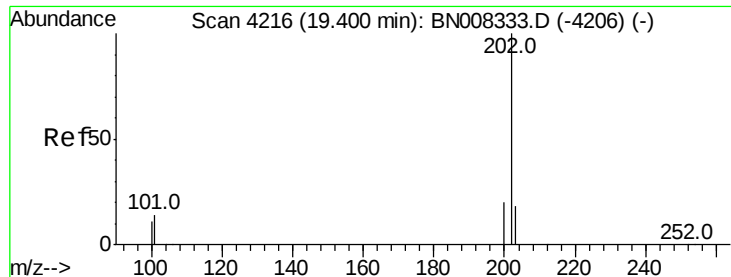
0

Time-->

19.00

19.10





#17

Pvrene

Concen: 1.112 ng/ul

RT: 19.39 min Scan# 4215

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

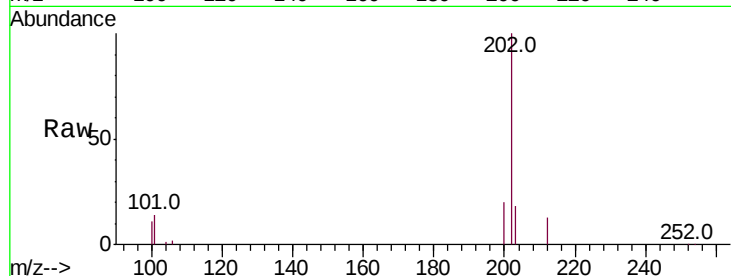
Tot Ion:202 Resp: 51809

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

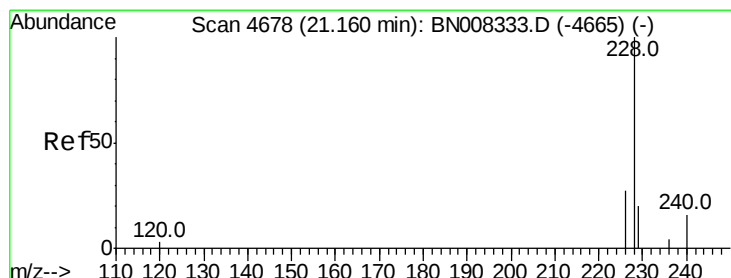
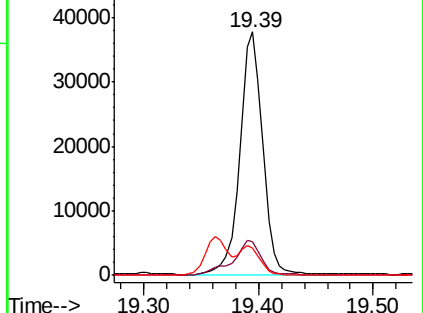
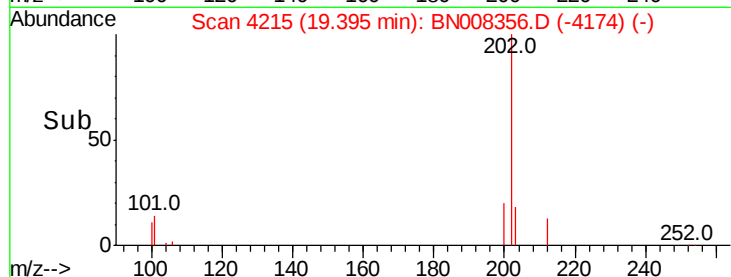
100 11.3 8.7 13.1



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



#18

Benzo(a)anthracene

Concen: 0.723 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

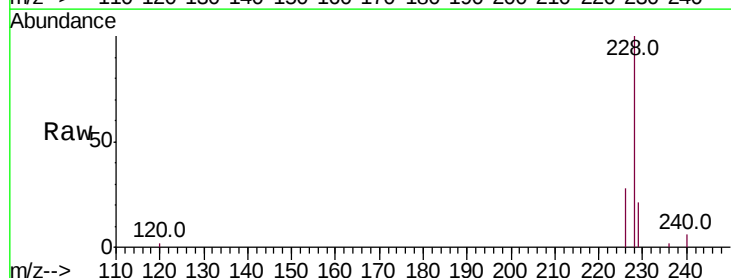
Tgt Ion:228 Resp: 30782

Ion Ratio Lower Upper

228 100

229 21.0 16.2 24.2

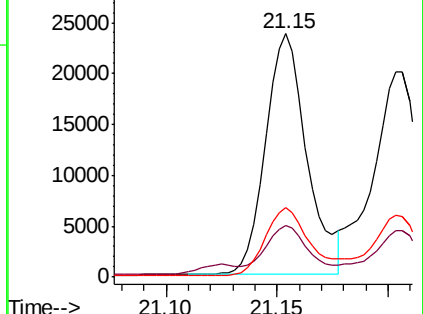
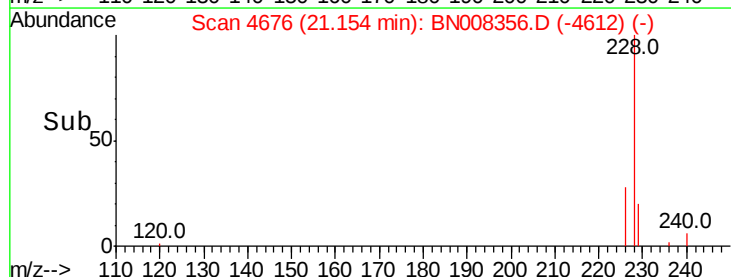
226 28.3 21.4 32.0

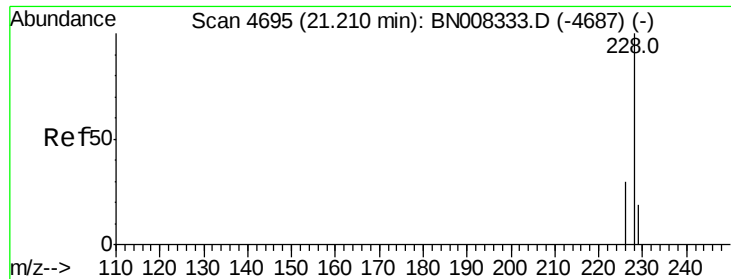


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 0.576 ng/ul

RT: 21.21 min Scan# 4694

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

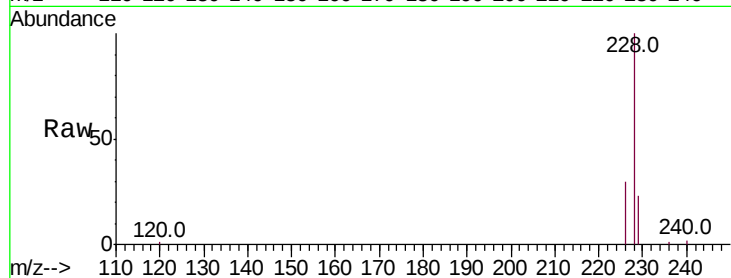
Tot Ion:228 Resp: 30082

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

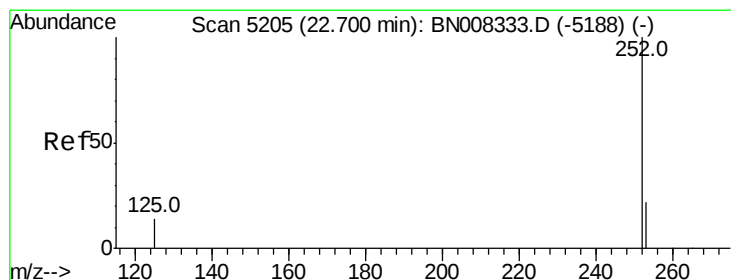
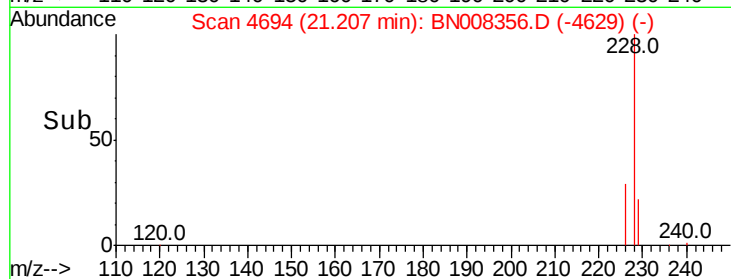
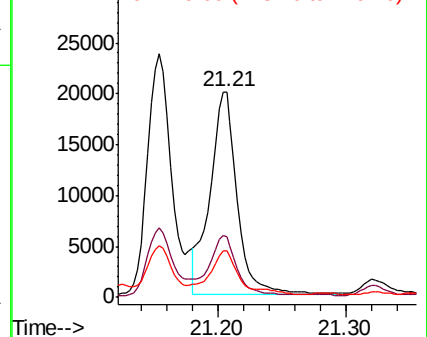
229 22.7 16.2 24.2



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: 1.335 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.01 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

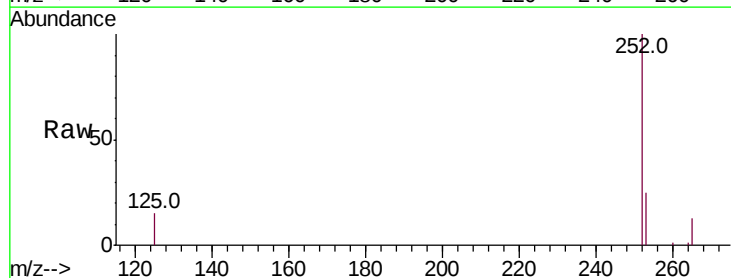
Tgt Ion:252 Resp: 42023

Ion Ratio Lower Upper

252 100

253 25.5 0.0 53.4

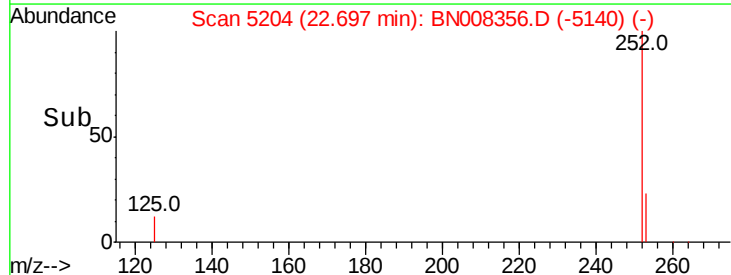
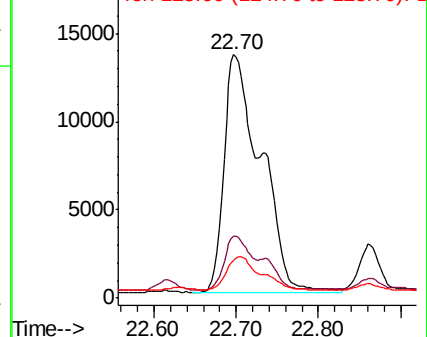
125 15.2 0.0 32.4

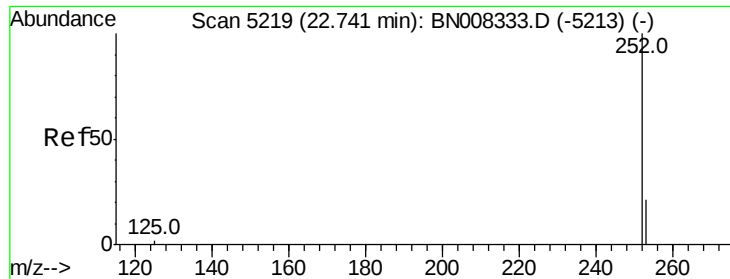


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.179 ng/ul

RT: 22.70 min Scan# 5204

Delta R.T. -0.06 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :

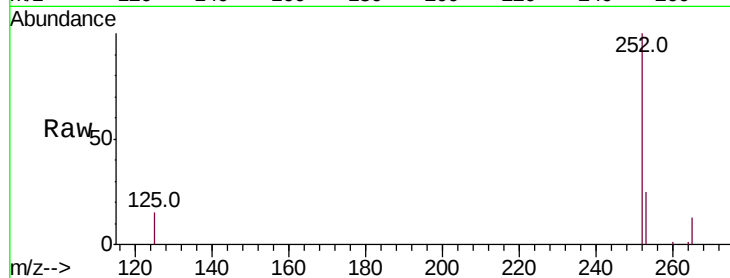
Tot Ion:252 Resp: 42023

Ion Ratio Lower Upper

252 100

253 25.5 21.3 31.9

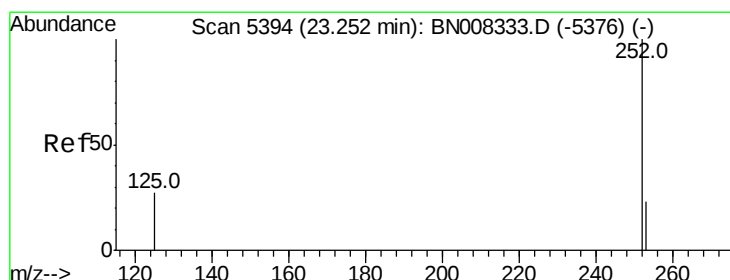
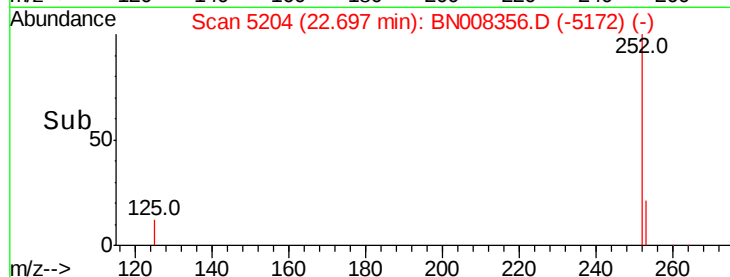
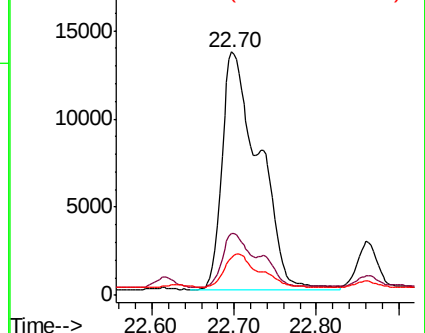
125 15.2 12.3 18.5



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: 0.600 ng/ul

RT: 23.24 min Scan# 5391

Delta R.T. -0.02 min

Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

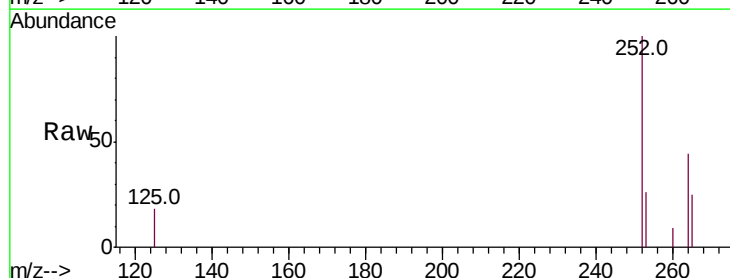
Tgt Ion:252 Resp: 19855

Ion Ratio Lower Upper

252 100

253 25.8 22.8 34.2

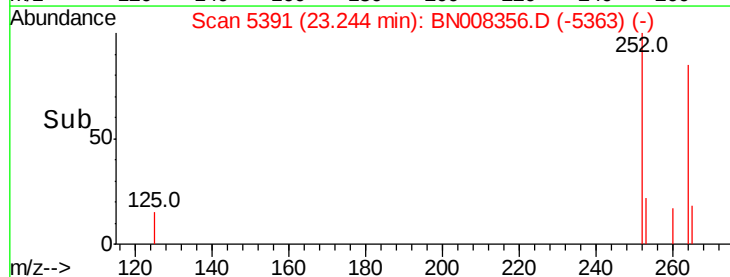
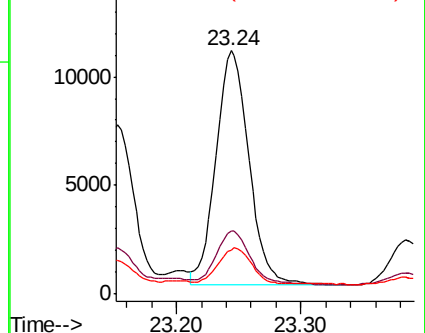
125 18.2 18.4 27.6#

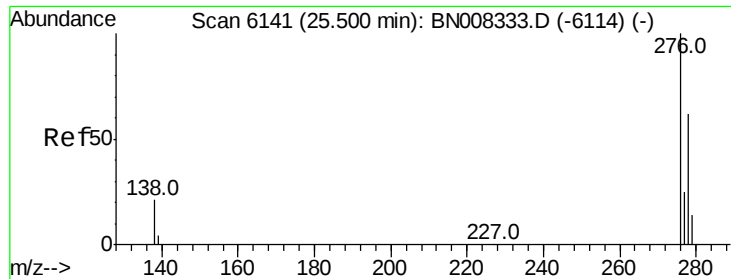


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



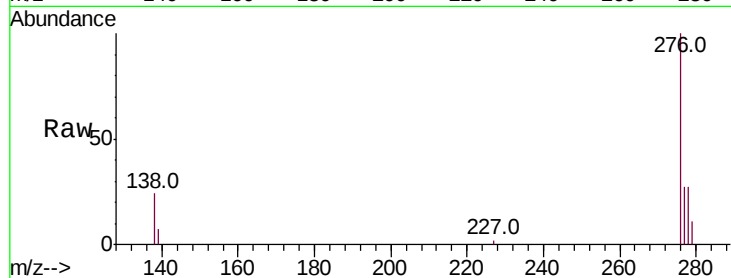


#24

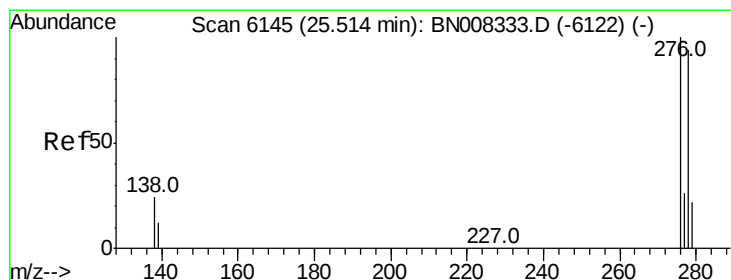
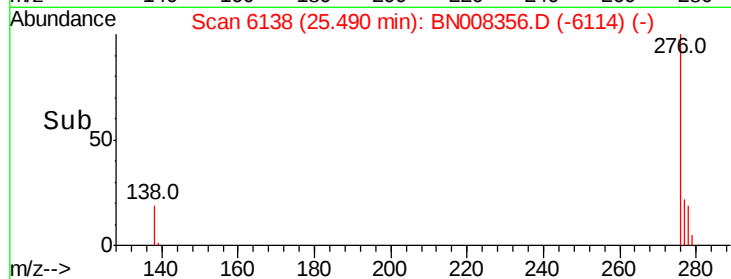
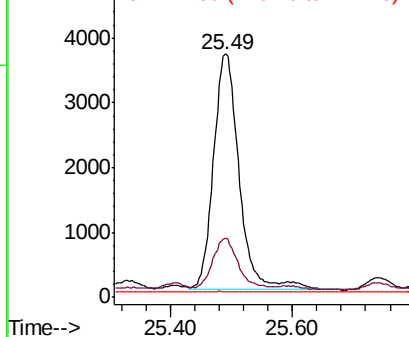
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008356.D
Acq: 23 Oct 2019 19:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 10706
Ion Ratio Lower Upper
276 100
138 19.5 16.1 24.1
227 0.0 0.2 0.2#



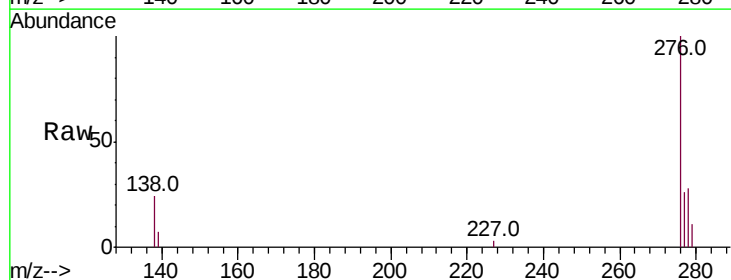
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



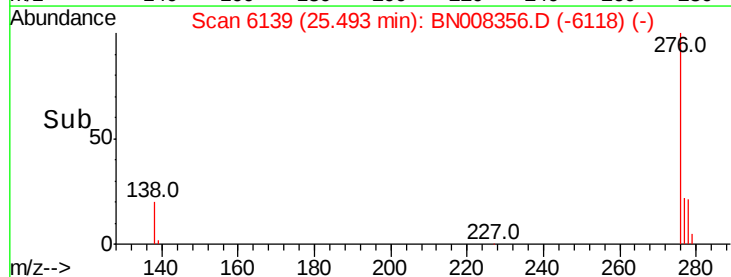
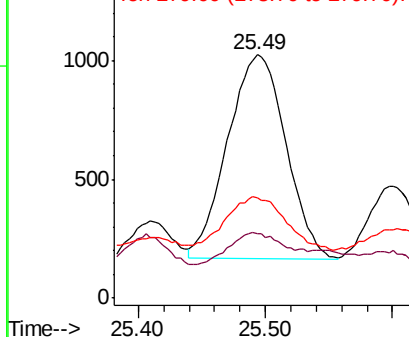
#25

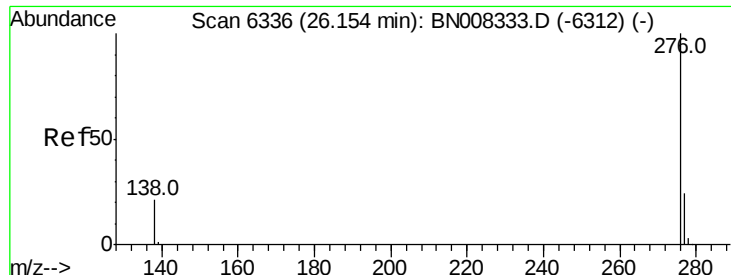
Dibenzo(a,h)anthracene
Concen: 0.089 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.03 min
Lab File: BN008356.D
Acq: 23 Oct 2019 19:08

Tgt Ion:278 Resp: 2736
Ion Ratio Lower Upper
278 100
139 26.6 15.0 22.6#
279 41.1 22.4 33.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.213 ng/ul

RT: 26.14 min Scan# 6333

Delta R.T. -0.02 min

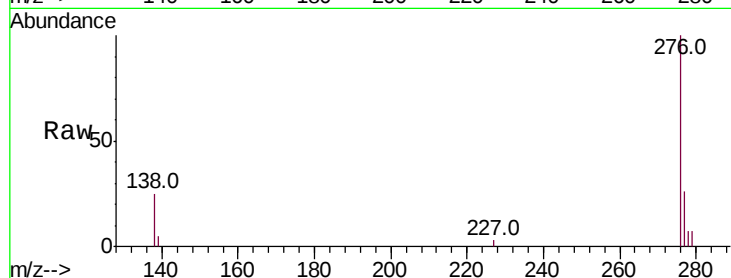
Lab File: BN008356.D

Acq: 23 Oct 2019 19:08

Instrument :

BNA_N

ClientSampleId :



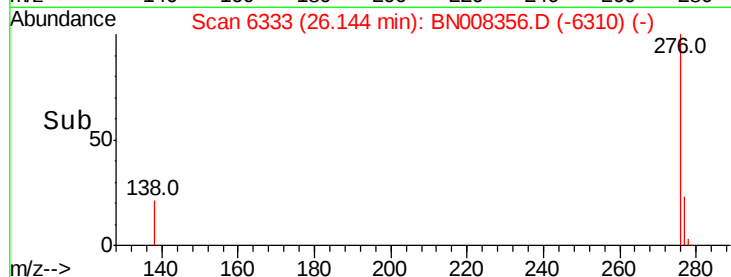
Tot Ion:276 Resp: 7603

Ion Ratio Lower Upper

276 100

138 25.0 17.0 25.4

277 26.3 20.4 30.6



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

