

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
 Data File : BN008214.D
 Acq On : 17 Oct 2019 10:12
 Operator : JU
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 18 01:58:08 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

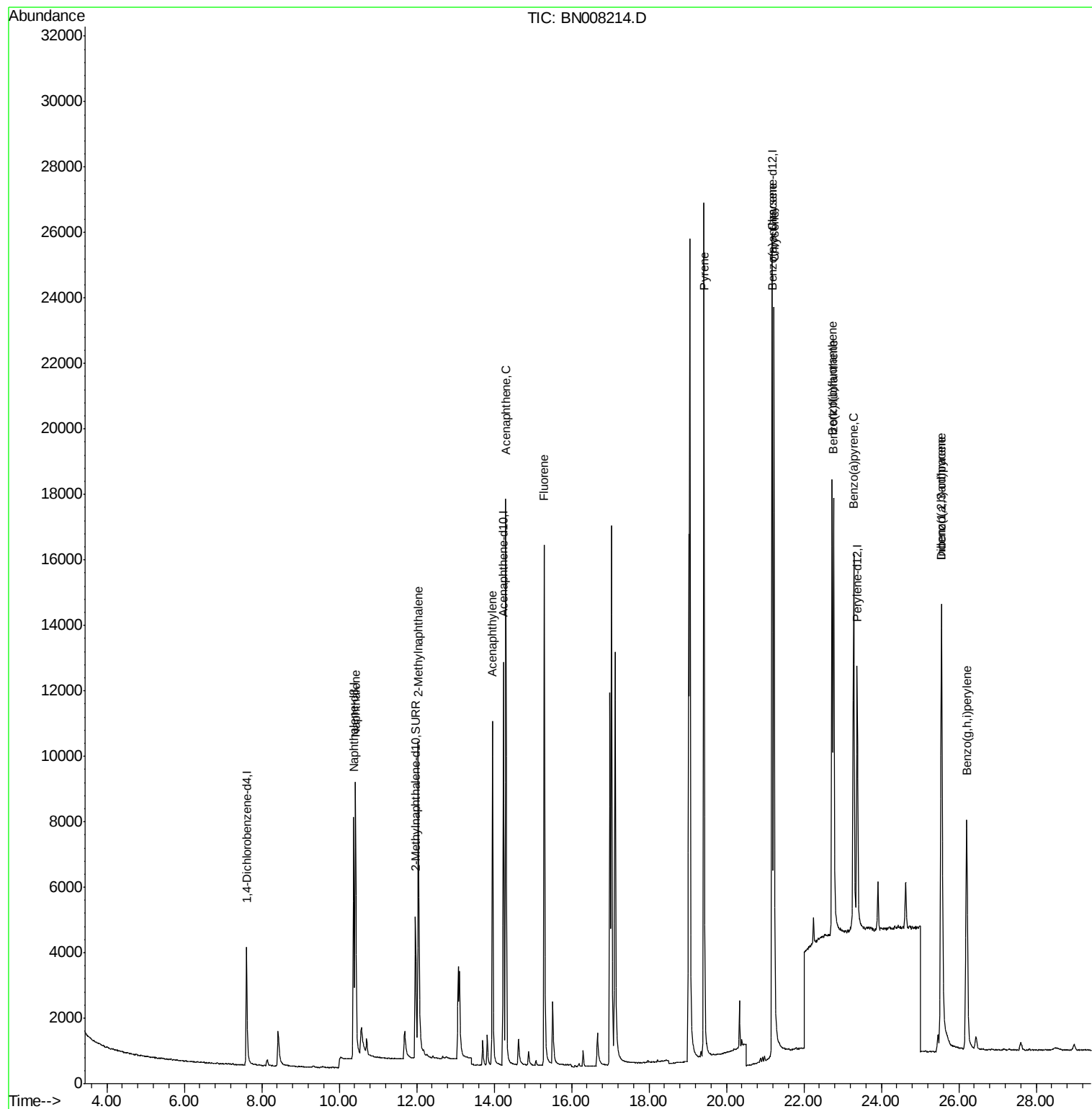
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2425	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	11466	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7351	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.99
16) Chrysene-d12	21.19	240	13600	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	10766	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	7958	0.41	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	20687	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	13546	0.415	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	9265	0.414	ng/ul	99
7) Acenaphthylene	13.96	152	13815	0.395	ng/ul	100
8) Acenaphthene	14.30	153	11071	0.407	ng/ul	98
9) Fluorene	15.30	166	12153	0.393	ng/ul	97
17) Pyrene	19.42	202	24998	0.462	ng/ul	100
18) Benzo(a)anthracene	21.18	228	21152	0.428	ng/ul	100
19) Chrysene	21.23	228	23516	0.388	ng/ul	99
21) Benzo(b)fluoranthene	22.73	252	17115	0.488	ng/ul	97
22) Benzo(k)fluoranthene	22.77	252	18553	0.467	ng/ul	99
23) Benzo(a)pyrene	23.28	252	16893	0.458	ng/ul#	89
24) Indeno(1,2,3-cd)pyrene	25.55	276	18149	0.418	ng/ul	97
25) Dibenzo(a,h)anthracene	25.56	278	14607	0.425	ng/ul	100
26) Benzo(g,h,i)perylene	26.20	276	15906	0.399	ng/ul	98

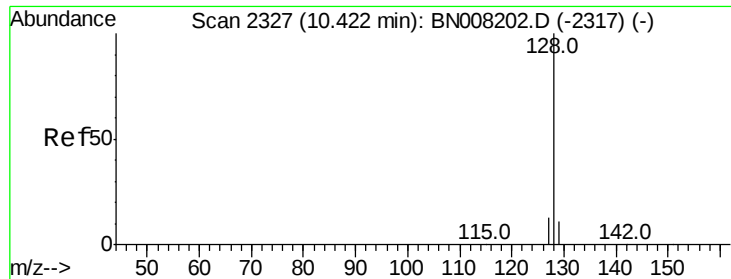
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.415 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampleId :

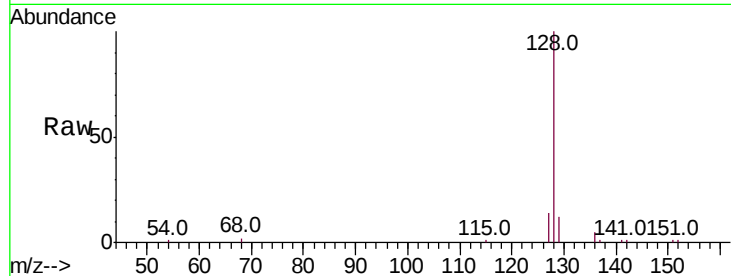
Tot Ion:128 Resp: 13546

Ion Ratio Lower Upper

128 100

129 11.8 9.8 14.8

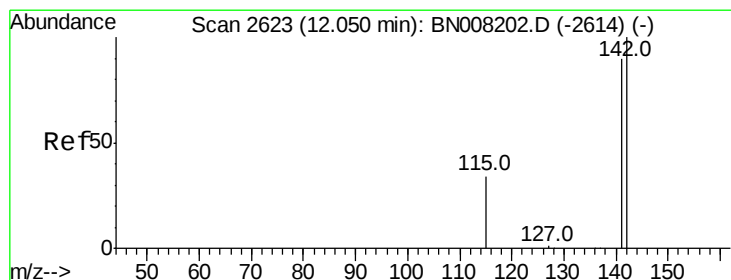
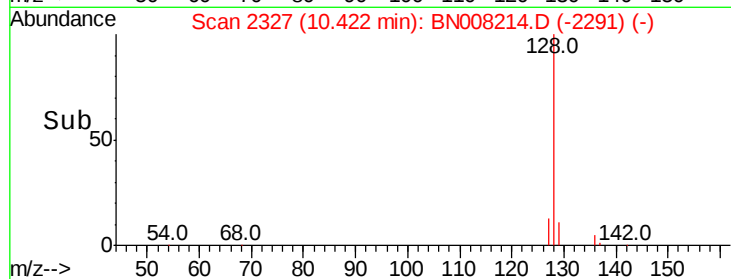
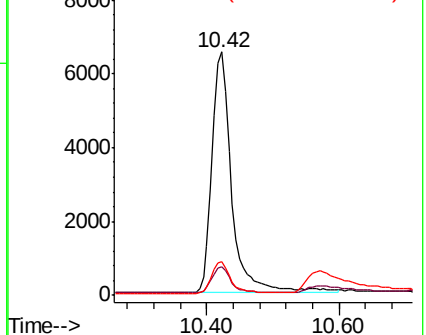
127 13.7 11.1 16.7



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: 0.414 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.01 min

Lab File: BN008214.D

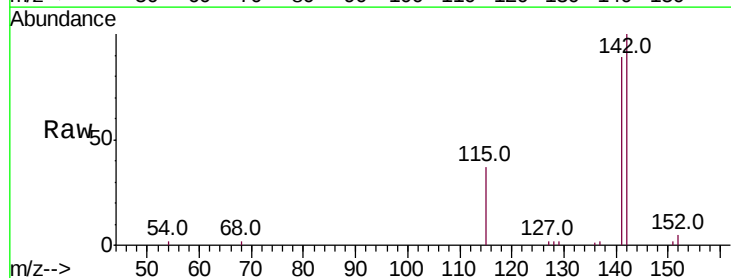
Acq: 17 Oct 2019 10:12

Tgt Ion:142 Resp: 9265

Ion Ratio Lower Upper

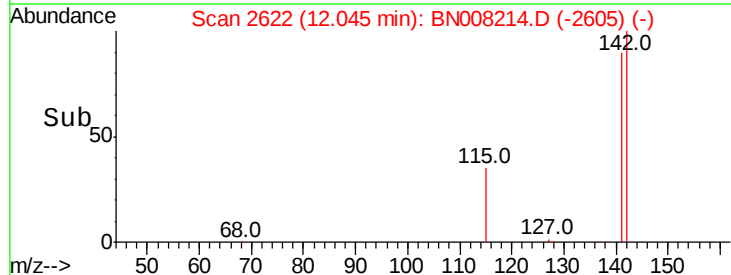
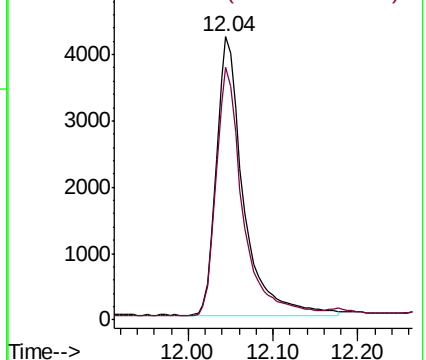
142 100

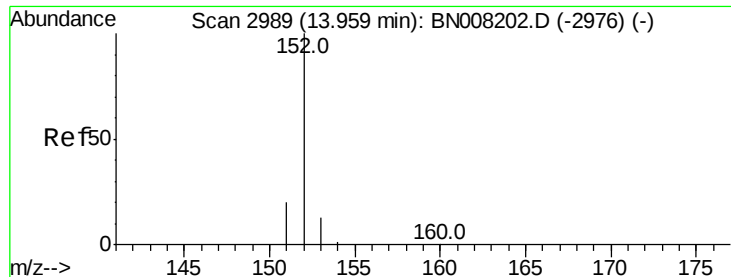
141 88.7 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.395 ng/ul

RT: 13.96 min Scan# 2989

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampled :

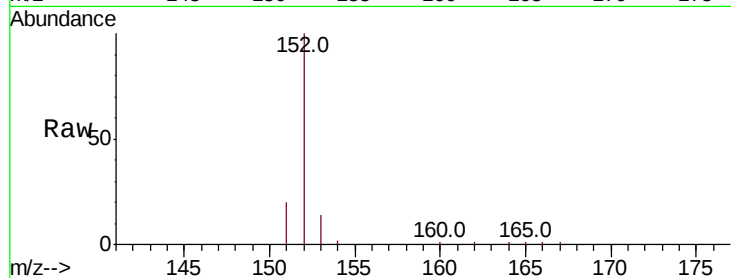
Tot Ion:152 Resp: 13815

Ion Ratio Lower Upper

152 100

151 20.3 16.2 24.4

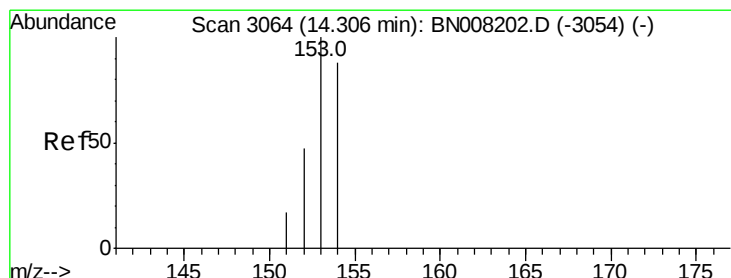
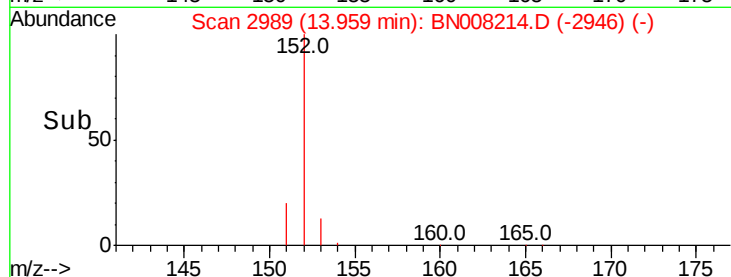
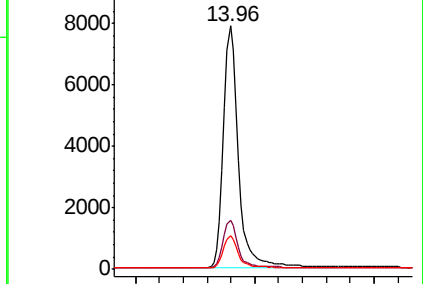
153 13.8 11.0 16.4



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: 0.407 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

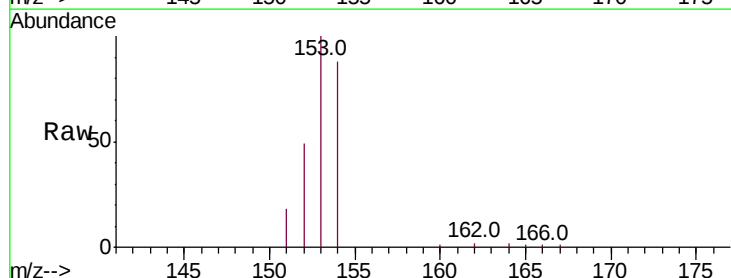
Tgt Ion:153 Resp: 11071

Ion Ratio Lower Upper

153 100

152 48.6 38.2 57.2

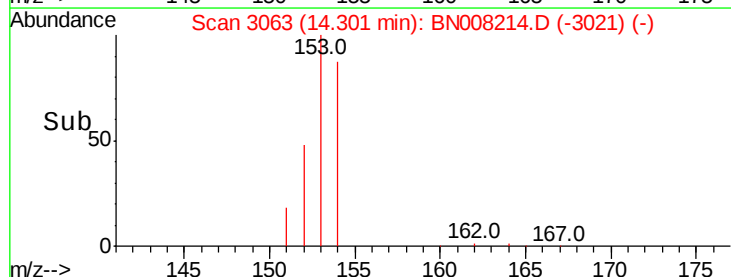
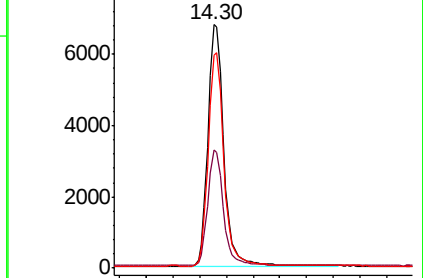
154 87.5 71.8 107.8

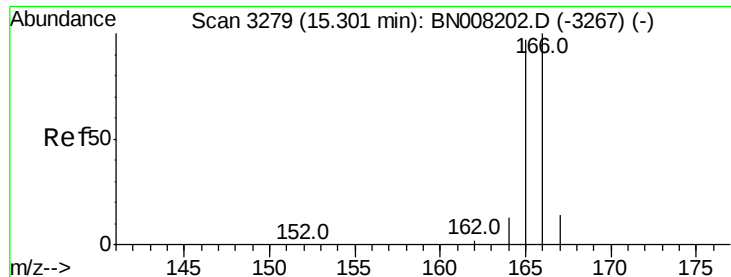


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

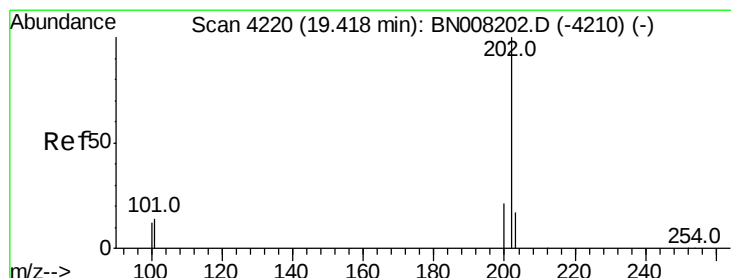
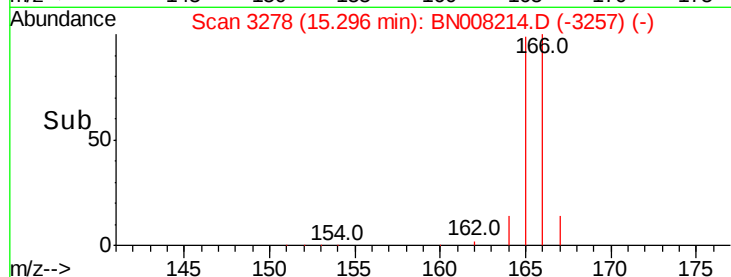
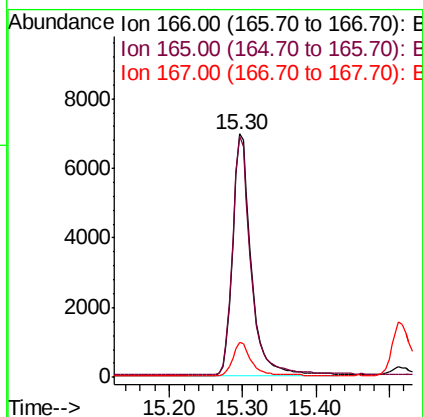
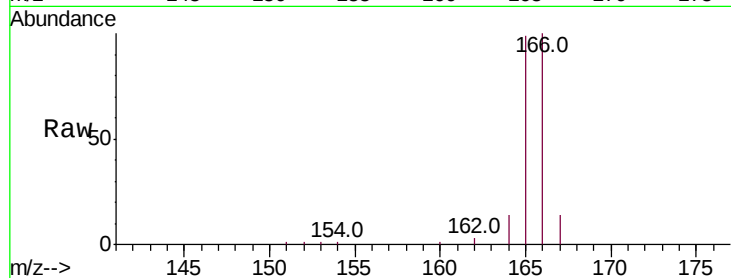




#9
Fluorene
 Concen: 0.393 ng/ul
 RT: 15.30 min Scan# 3278
 Delta R.T. -0.00 min
 Lab File: BN008214.D
 Acq: 17 Oct 2019 10:12

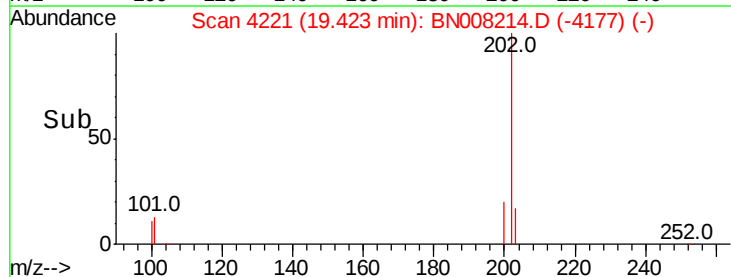
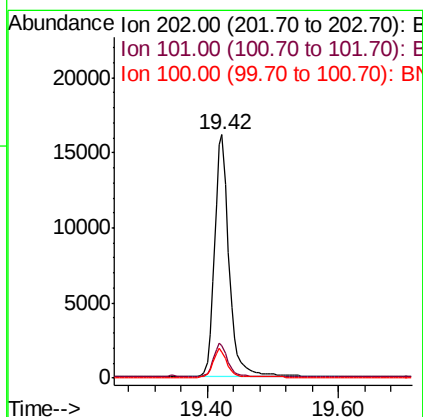
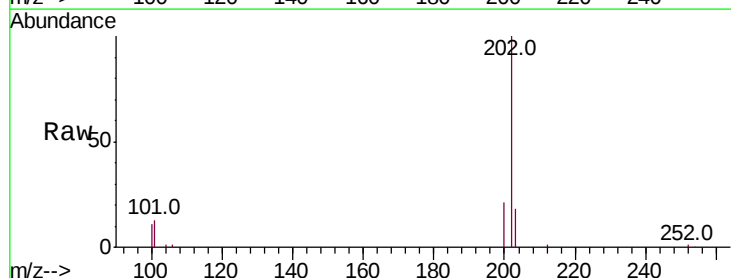
Instrument :
 BNA_N
 ClientSampleId :

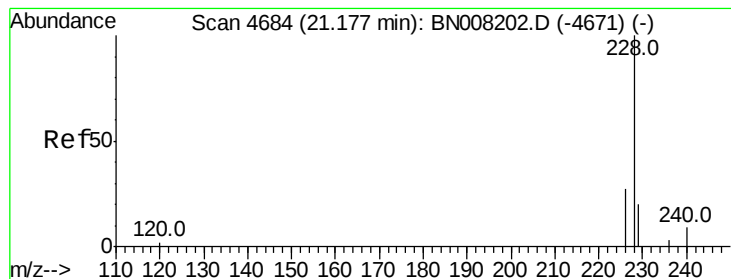
Tot Ion:166 Resp: 12153
 Ion Ratio Lower Upper
 166 100
 165 99.0 76.6 115.0
 167 14.2 11.7 17.5



#17
Pyrene
 Concen: 0.462 ng/ul
 RT: 19.42 min Scan# 4221
 Delta R.T. 0.00 min
 Lab File: BN008214.D
 Acq: 17 Oct 2019 10:12

Tgt Ion:202 Resp: 24998
 Ion Ratio Lower Upper
 202 100
 101 13.5 10.9 16.3
 100 10.9 8.7 13.1





#18

Benzo(a)anthracene

Concen: 0.428 ng/ul

RT: 21.18 min Scan# 4685

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampleId :

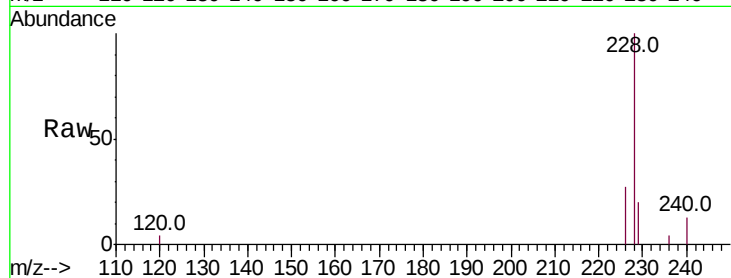
Tot Ion:228 Resp: 21152

Ion Ratio Lower Upper

228 100

229 20.1 16.2 24.2

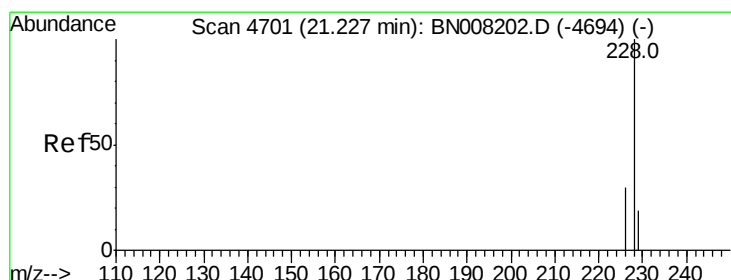
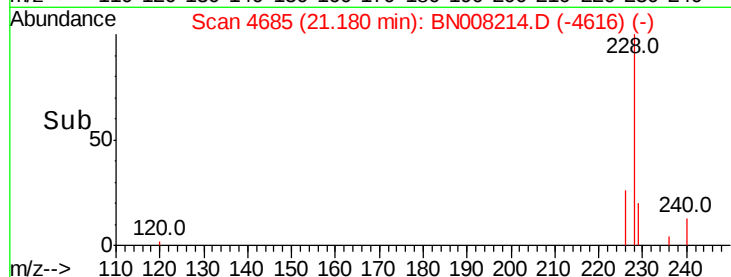
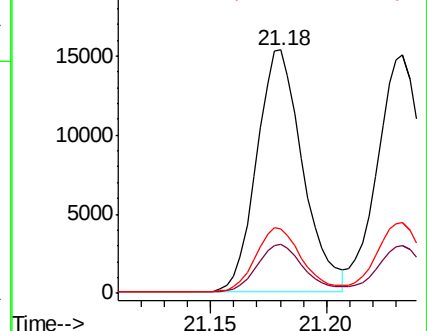
226 26.6 21.4 32.0



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: 0.388 ng/ul

RT: 21.23 min Scan# 4703

Delta R.T. 0.01 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

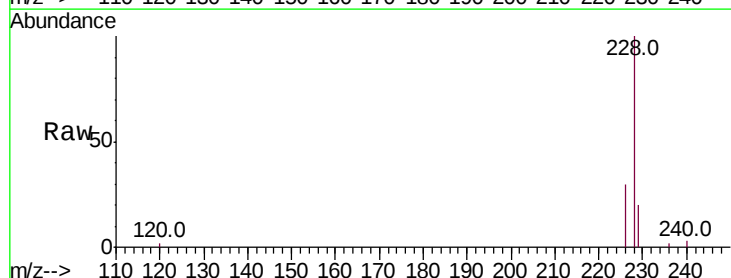
Tgt Ion:228 Resp: 23516

Ion Ratio Lower Upper

228 100

226 29.5 24.1 36.1

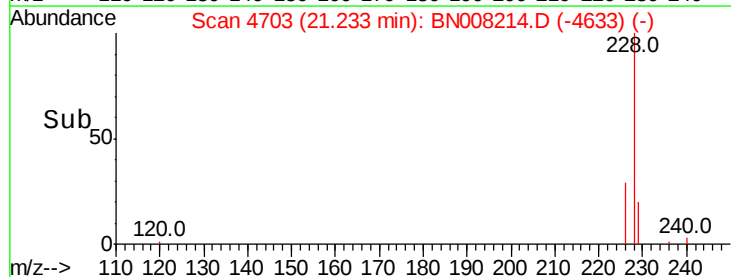
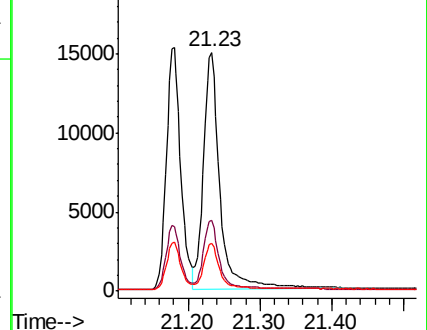
229 20.1 16.2 24.2

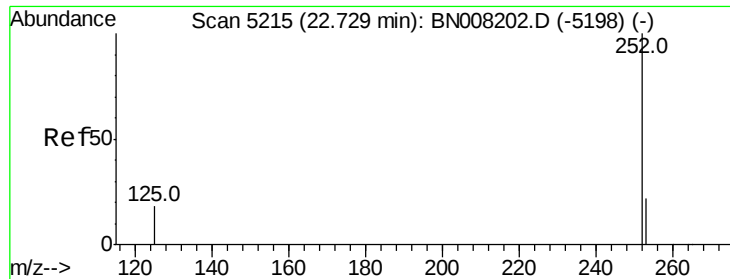


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.488 ng/u1

RT: 22.73 min Scan# 5215

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampleId :

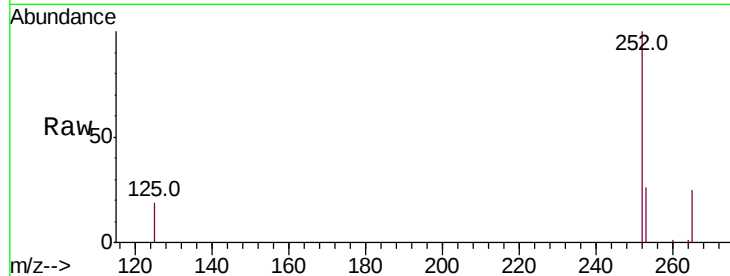
Tot Ion:252 Resp: 17115

Ion Ratio Lower Upper

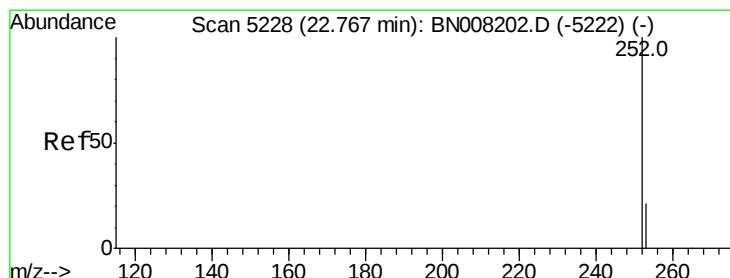
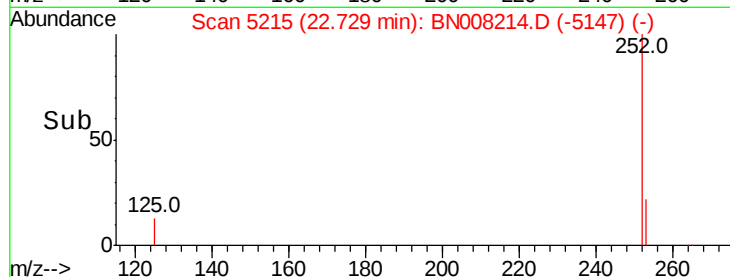
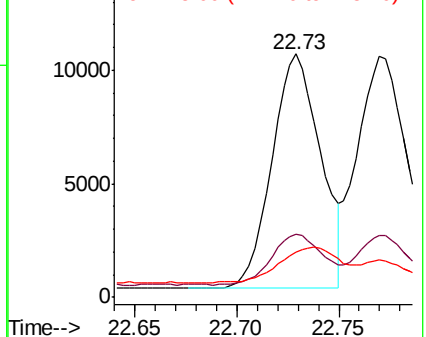
252 100

253 26.2 0.0 53.4

125 18.6 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: 0.467 ng/u1

RT: 22.77 min Scan# 5229

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

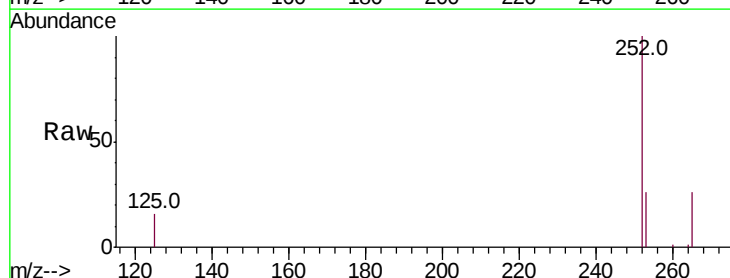
Tgt Ion:252 Resp: 18553

Ion Ratio Lower Upper

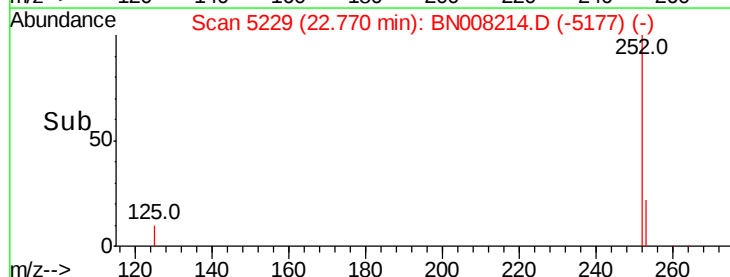
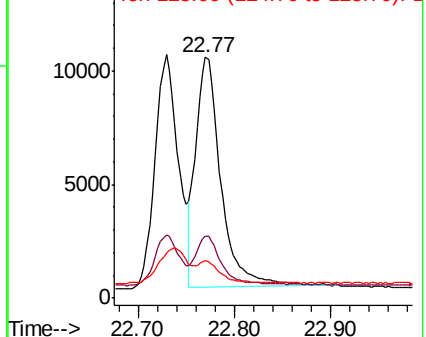
252 100

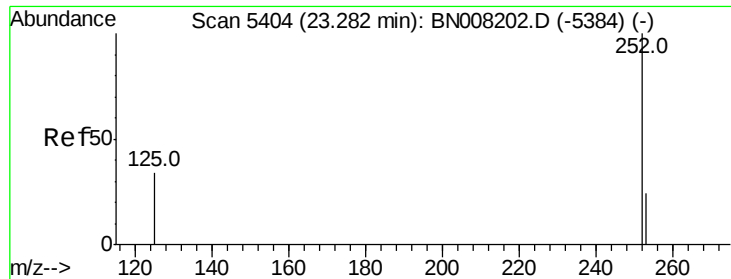
253 25.9 21.3 31.9

125 15.6 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: 0.458 ng/ul

RT: 23.28 min Scan# 5405

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampleId :

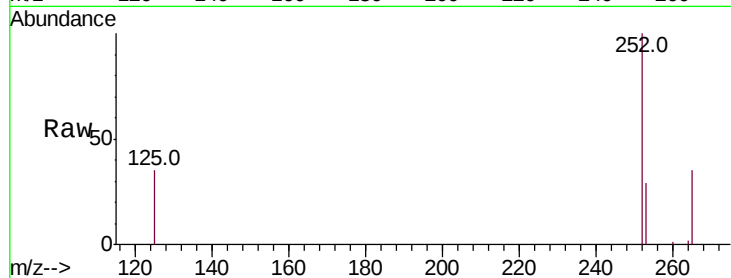
Tot Ion:252 Resp: 16893

Ion Ratio Lower Upper

252 100

253 29.2 22.8 34.2

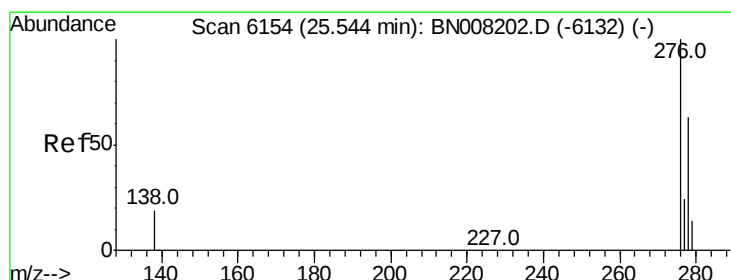
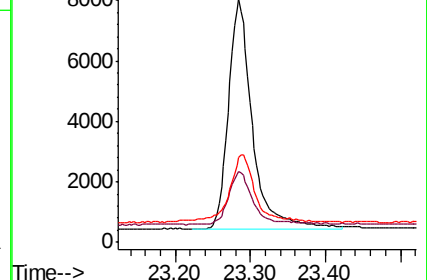
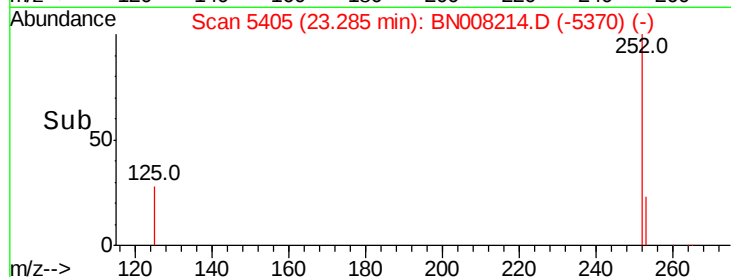
125 34.6 18.4 27.6#



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: 0.418 ng/ul

RT: 25.55 min Scan# 6155

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

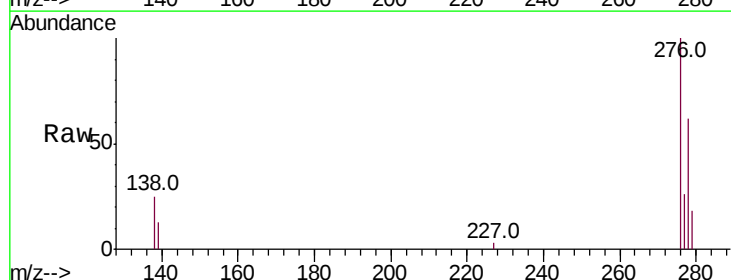
Tgt Ion:276 Resp: 18149

Ion Ratio Lower Upper

276 100

138 21.5 16.1 24.1

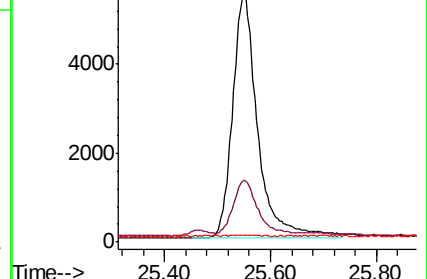
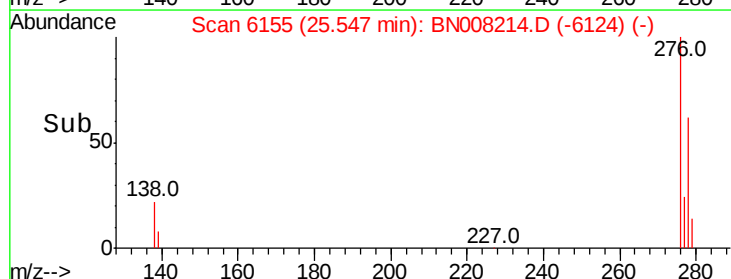
227 0.2 0.2 0.2

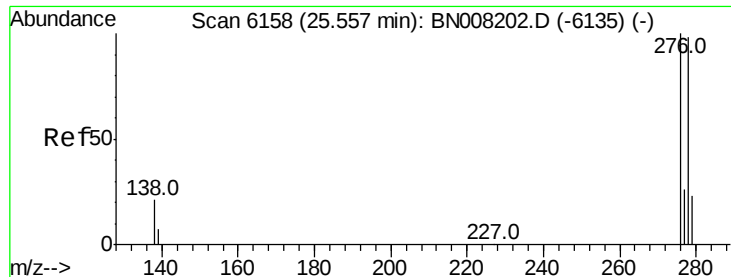


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.425 ng/ul

RT: 25.56 min Scan# 6159

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

Instrument :

BNA_N

ClientSampleId :

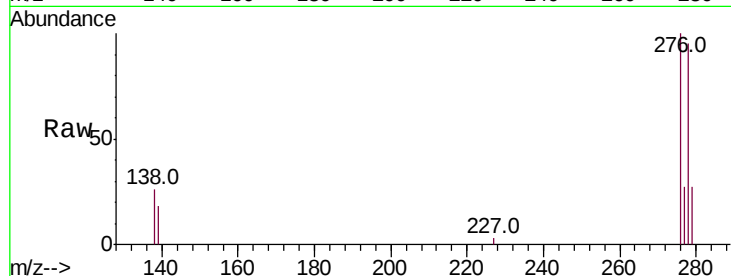
Tot Ion:278 Resp: 14607

Ion Ratio Lower Upper

278 100

139 18.7 15.0 22.6

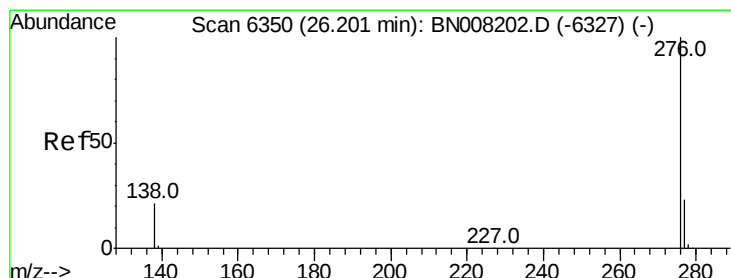
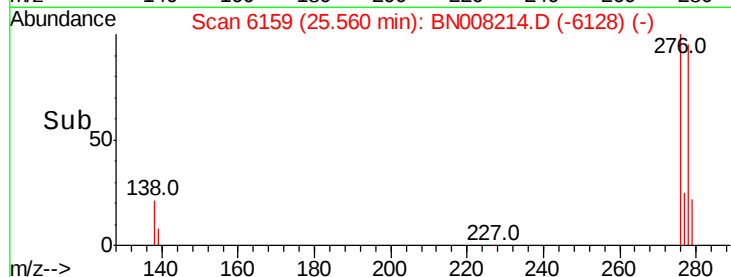
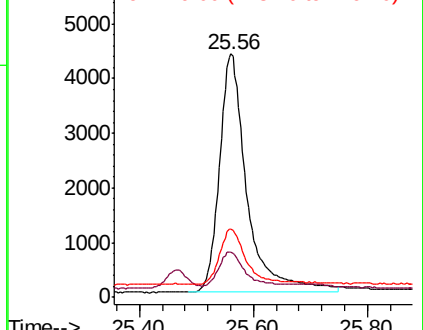
279 28.1 22.4 33.6



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(g,h,i)perylene

Concen: 0.399 ng/ul

RT: 26.20 min Scan# 6351

Delta R.T. 0.00 min

Lab File: BN008214.D

Acq: 17 Oct 2019 10:12

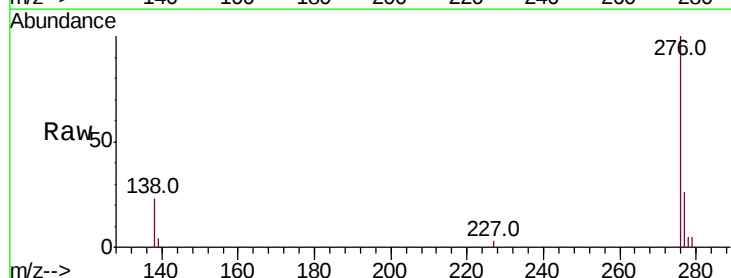
Tgt Ion:276 Resp: 15906

Ion Ratio Lower Upper

276 100

138 23.1 17.0 25.4

277 25.8 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

