

Data File : BN009270.D
Acq On : 30 Dec 2019 21:18
Operator : JU
Sample : K6322-11DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C95DL

Quant Time: Dec 31 01:04:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 00:59:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2428	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8550	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.13	164	4511	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.88	188	8889	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	6975	0.40	ng/ul	0.00
20) Perylene-d12	23.21	264	7113	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	534	0.04	ng/ul	0.00
14) Fluoranthene-d10	18.92	212	1019	0.04	ng/ul	0.00

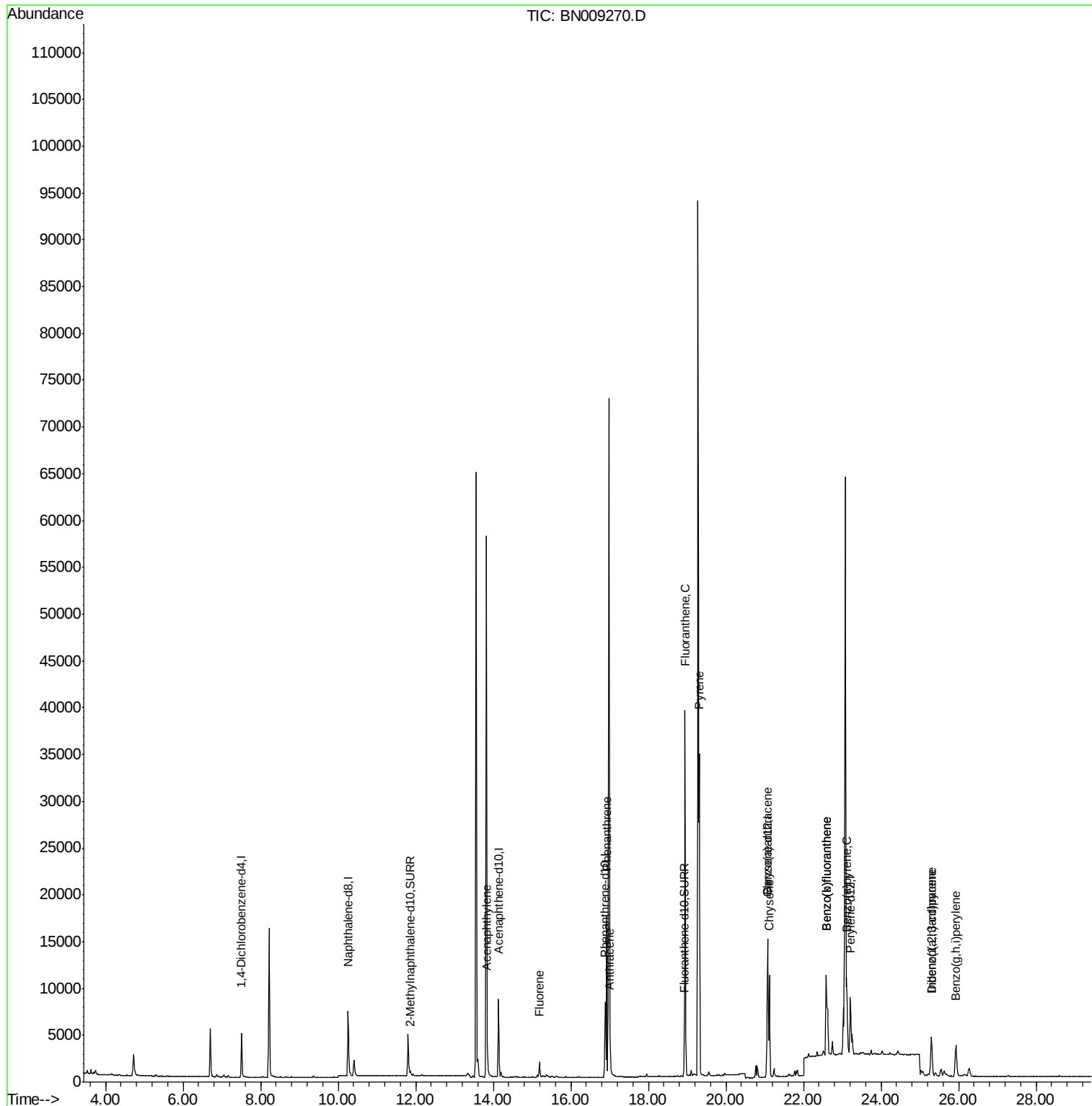
Target Compounds					Qvalue	
7) Acenaphthylene	13.85	152	1788	0.075	ng/ul#	93
9) Fluorene	15.19	166	1084	0.049	ng/ul#	96
12) Phenanthrene	16.92	178	17587	0.569	ng/ul	100
13) Anthracene	17.02	178	3332	0.120	ng/ul	97
15) Fluoranthene	18.95	202	32393	0.916	ng/ul	100
17) Pyrene	19.31	202	27585	0.775	ng/ul	99
18) Benzo(a)anthracene	21.07	228	10789	0.348	ng/ul	98
19) Chrysene	21.12	228	10578	0.340	ng/ul	97
21) Benzo(b)fluoranthene	22.59	252	17956	0.541	ng/ul	96
22) Benzo(k)fluoranthene	22.59	252	17956	0.536	ng/ul	97
23) Benzo(a)pyrene	23.12	252	9508	0.327	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.30	276	6341	0.200	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.31	278	1405	0.056	ng/ul#	62
26) Benzo(g,h,i)perylene	25.93	276	6441	0.241	ng/ul	98

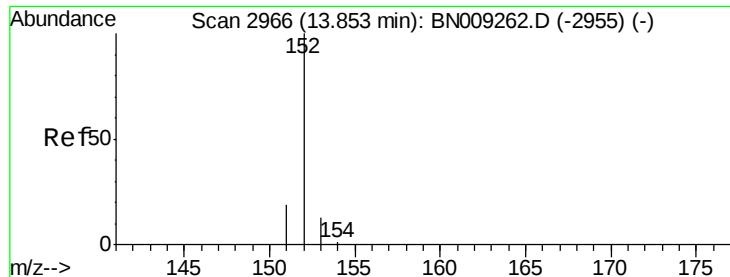
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.075 ng/ul

RT: 13.85 min Scan# 2966

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

ClientSampleId :

C0C95DL

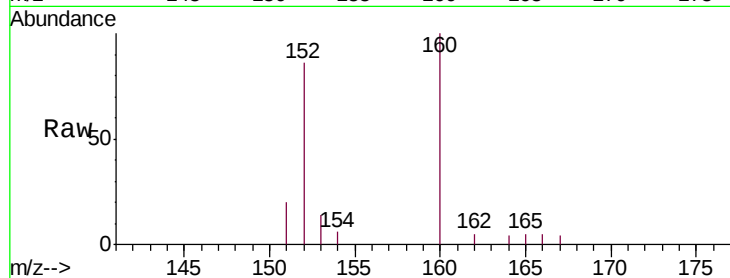
Tgt Ion:152 Resp: 1788

Ion Ratio Lower Upper

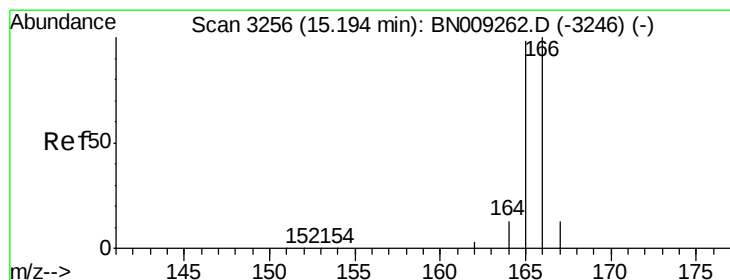
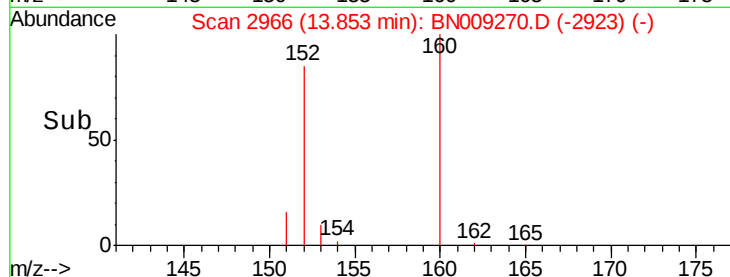
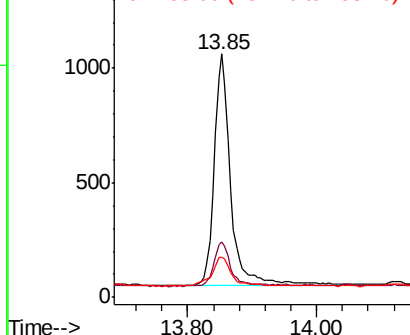
152 100

151 22.8 15.7 23.5

153 16.5 10.8 16.2#



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



#9

Fluorene

Concen: 0.049 ng/ul

RT: 15.19 min Scan# 3256

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

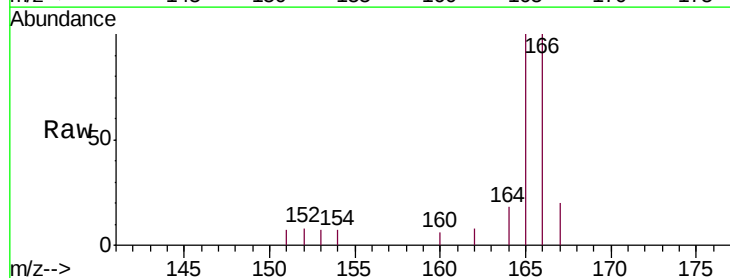
Tgt Ion:166 Resp: 1084

Ion Ratio Lower Upper

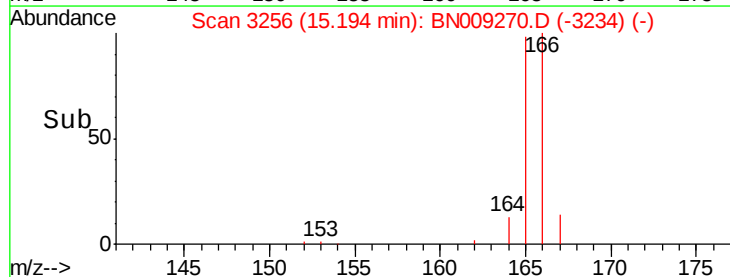
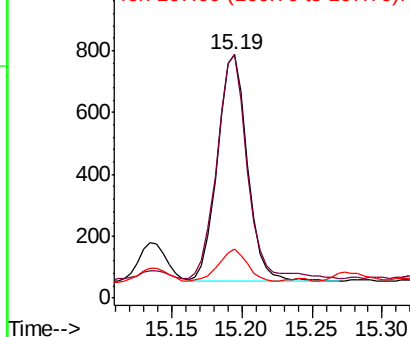
166 100

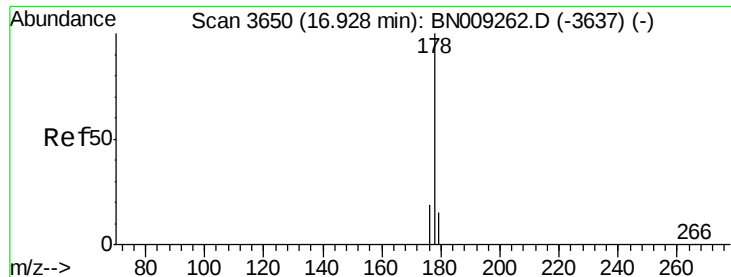
165 100.1 78.2 117.4

167 20.2 11.0 16.6#



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: 0.569 ng/ul

RT: 16.92 min Scan# 3649

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

ClientSampleId :

C0C95DL

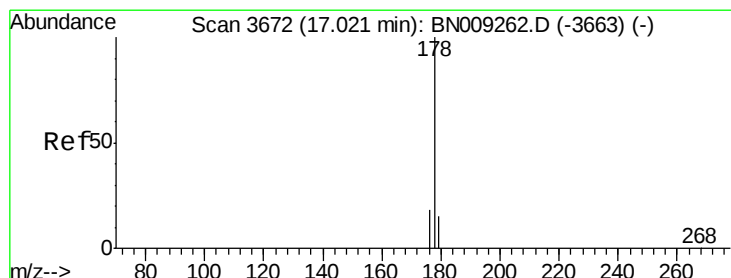
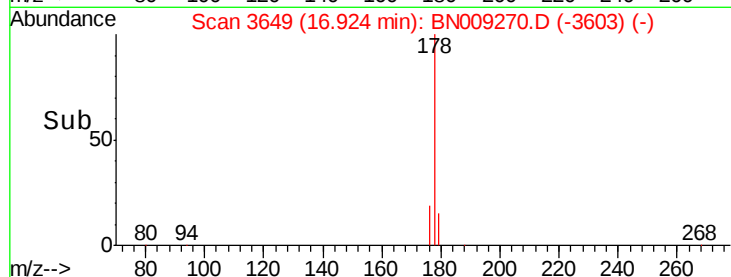
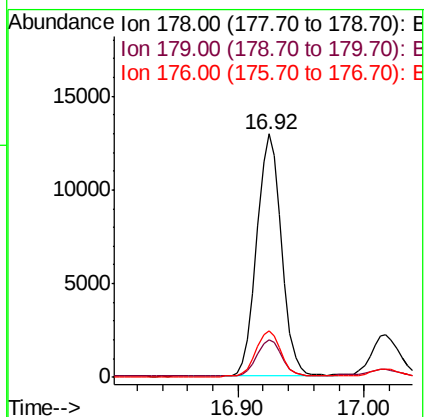
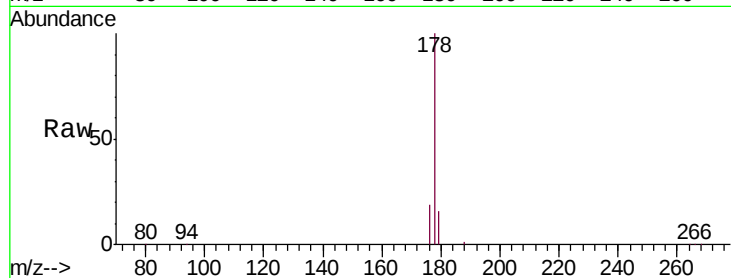
Tgt Ion:178 Resp: 17587

Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.1 15.1 22.7



#13

Anthracene

Concen: 0.120 ng/ul

RT: 17.02 min Scan# 3671

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

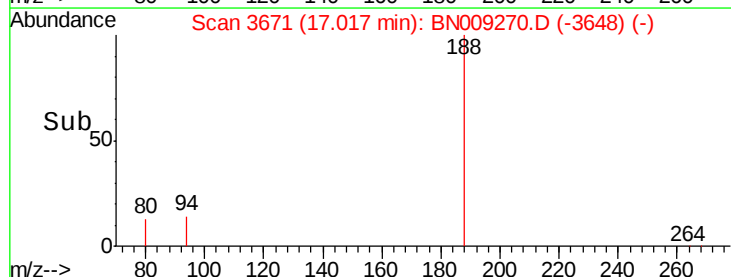
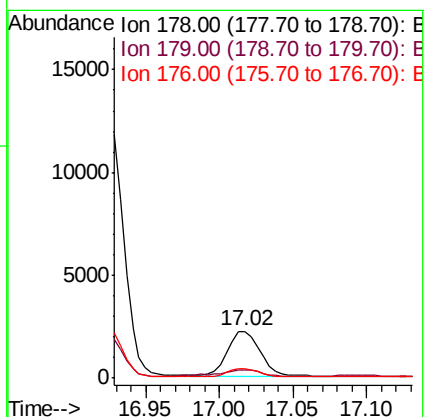
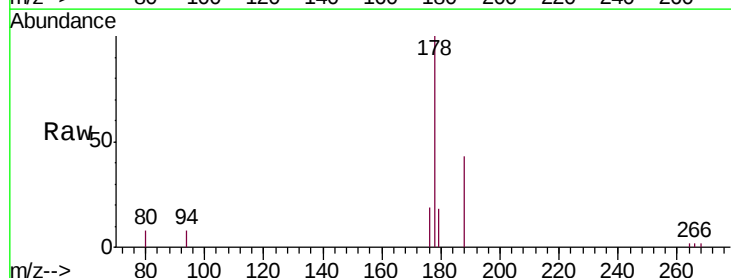
Tgt Ion:178 Resp: 3332

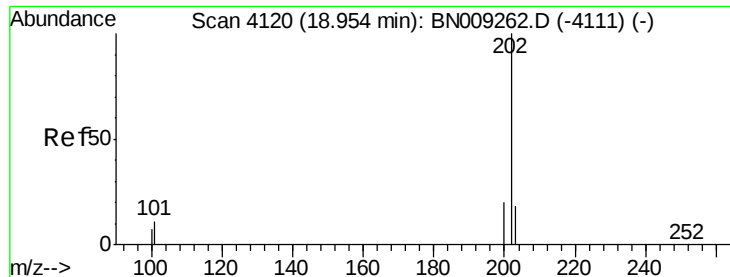
Ion Ratio Lower Upper

178 100

179 17.8 12.5 18.7

176 19.2 14.9 22.3





#15

Fluoranthene

Concen: 0.916 ng/ul

RT: 18.95 min Scan# 4119

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

BNA_N

ClientSampleId :

C0C95DL

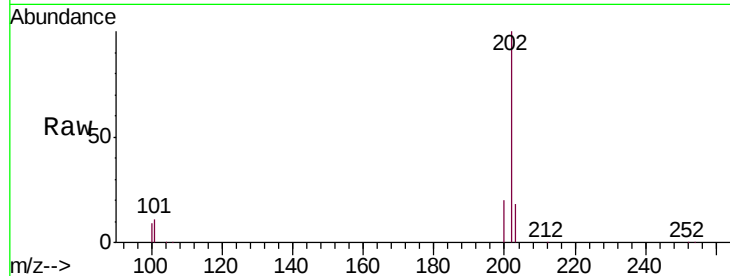
Tgt Ion:202 Resp: 32393

Ion Ratio Lower Upper

202 100

101 11.4 0.0 31.5

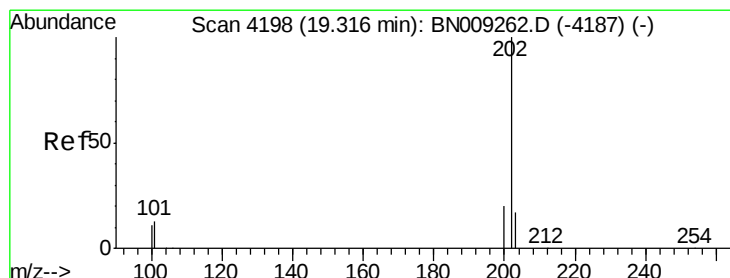
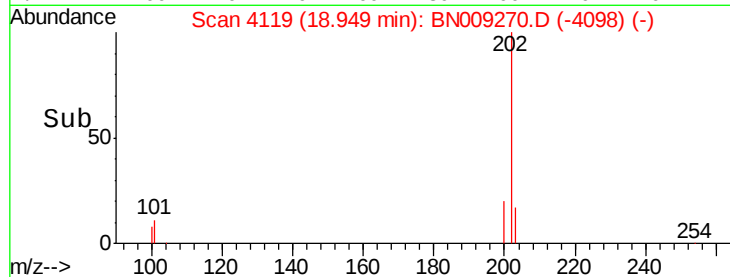
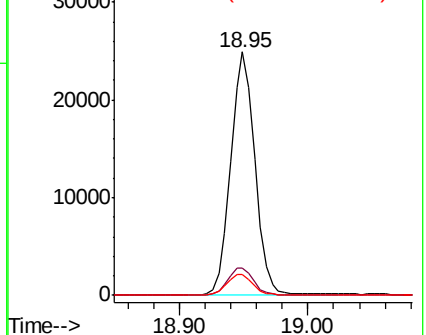
100 8.7 0.0 28.9



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



#17

Pyrene

Concen: 0.775 ng/ul

RT: 19.31 min Scan# 4197

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

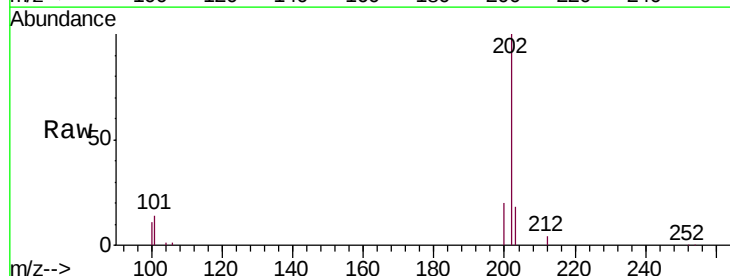
Tgt Ion:202 Resp: 27585

Ion Ratio Lower Upper

202 100

101 13.8 10.9 16.3

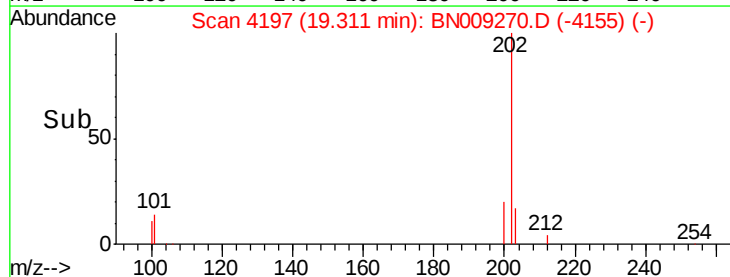
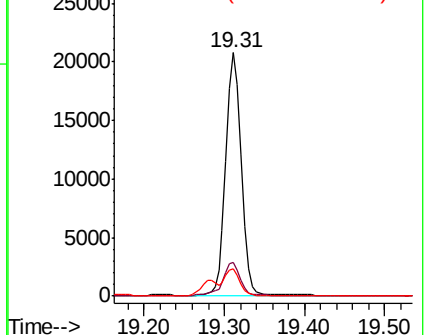
100 11.1 9.0 13.6

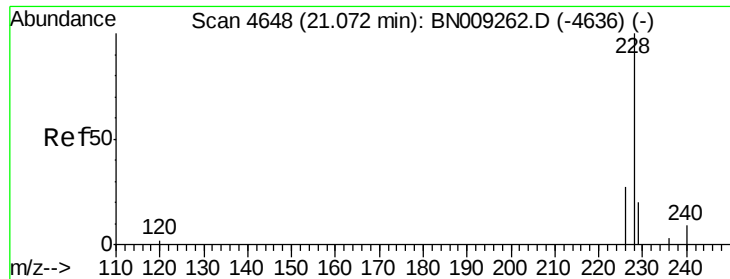


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.348 ng/ul

RT: 21.07 min Scan# 4647

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

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ClientSampleId :

C0C95DL

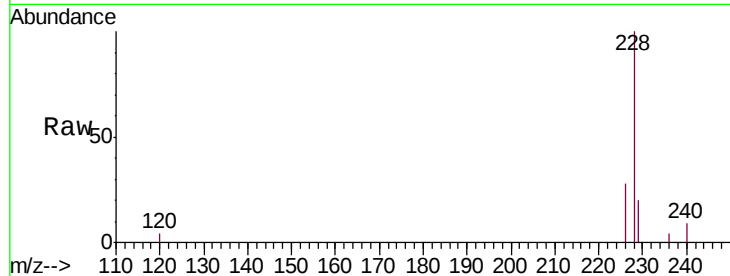
Tgt Ion:228 Resp: 10789

Ion Ratio Lower Upper

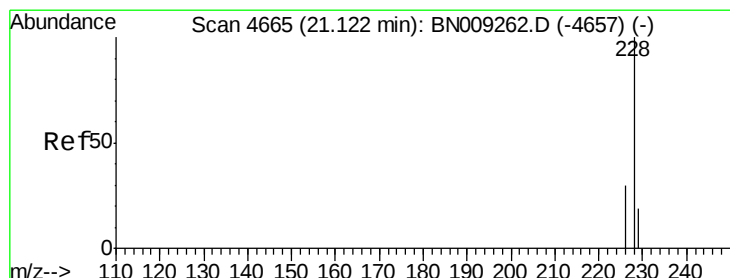
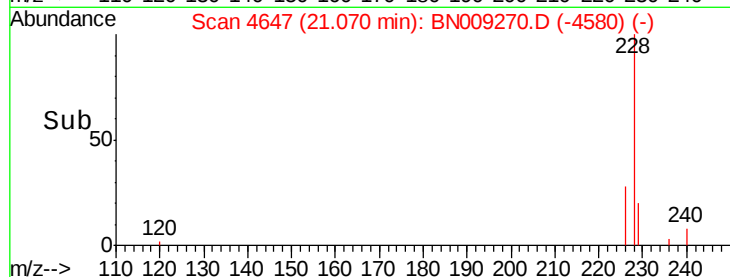
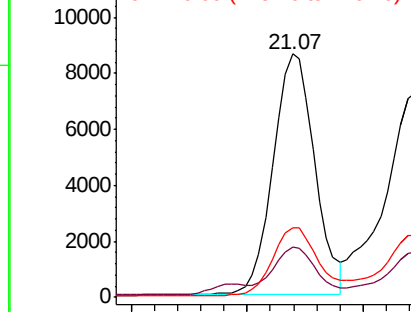
228 100

229 20.5 15.5 23.3

226 28.4 21.7 32.5



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: 0.340 ng/ul

RT: 21.12 min Scan# 4665

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

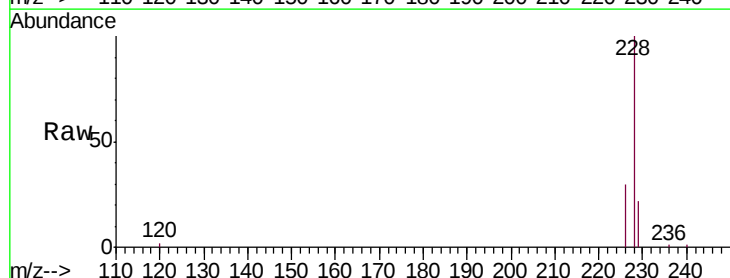
Tgt Ion:228 Resp: 10578

Ion Ratio Lower Upper

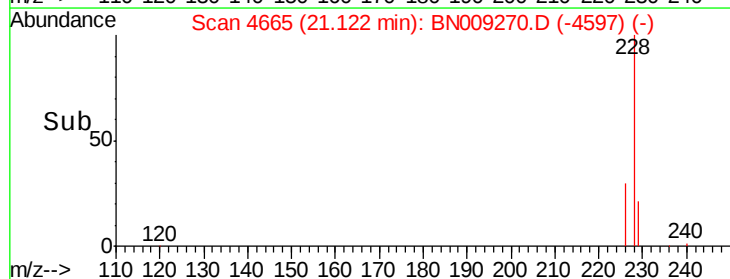
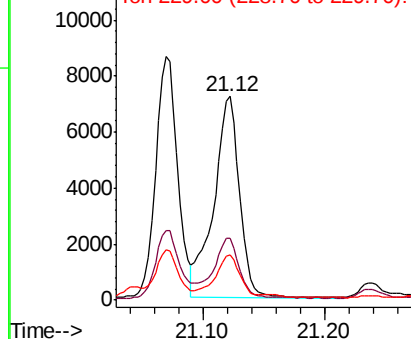
228 100

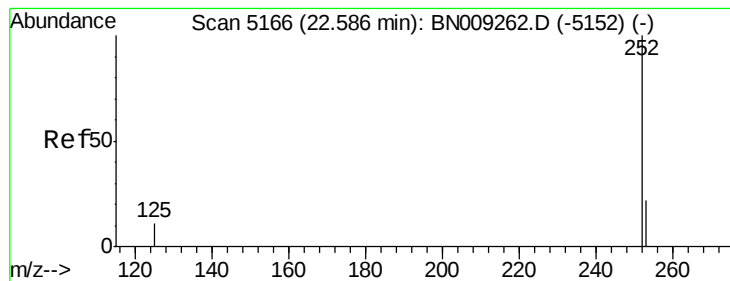
226 30.3 23.7 35.5

229 22.3 15.4 23.0



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: 0.541 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. 0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

Instrument :

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ClientSampleId :

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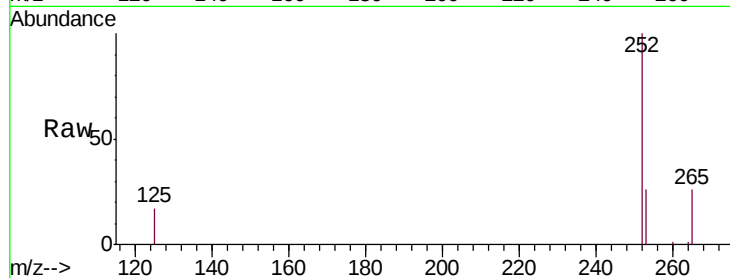
Tgt Ion:252 Resp: 17956

Ion Ratio Lower Upper

252 100

253 26.0 0.0 48.2

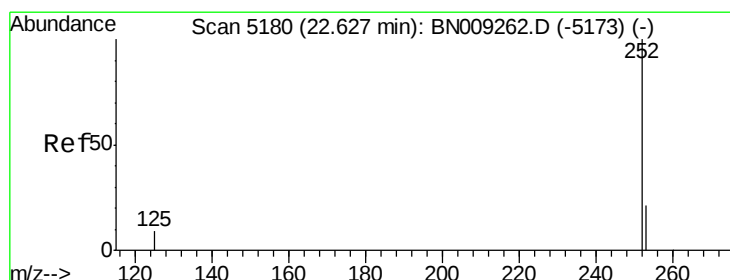
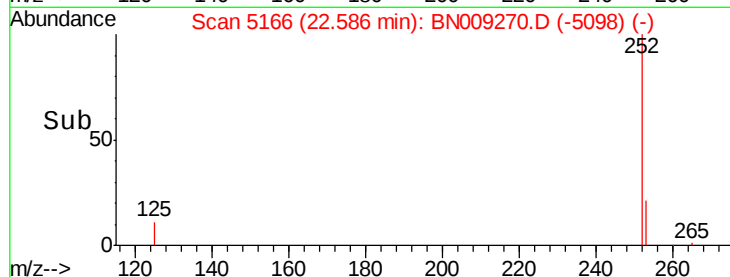
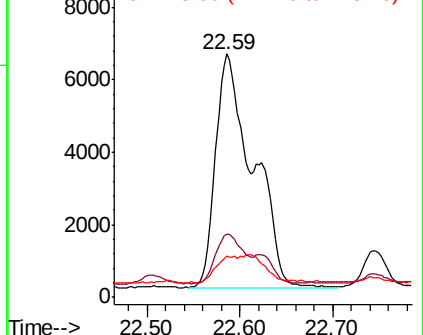
125 16.8 0.0 30.0



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



#22

Benzo(k)fluoranthene

Concen: 0.536 ng/ul

RT: 22.59 min Scan# 5166

Delta R.T. -0.04 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

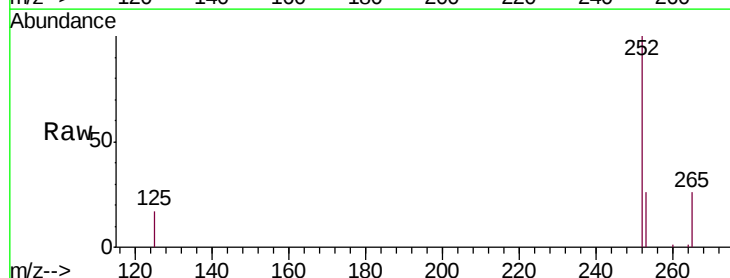
Tgt Ion:252 Resp: 17956

Ion Ratio Lower Upper

252 100

253 26.0 19.4 29.0

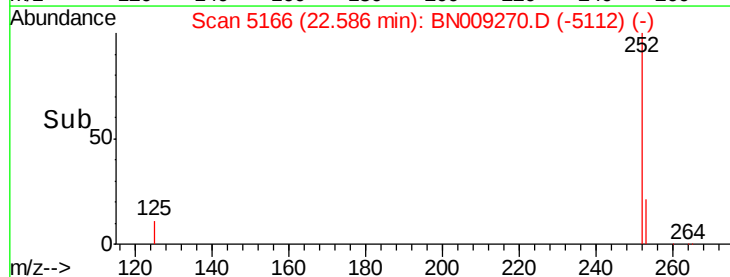
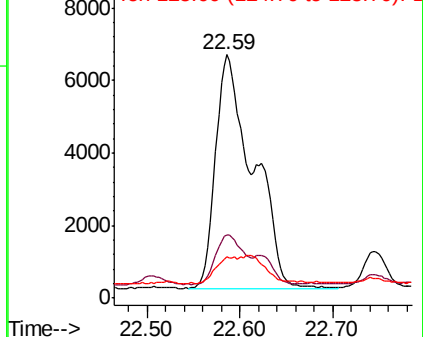
125 16.8 12.4 18.6

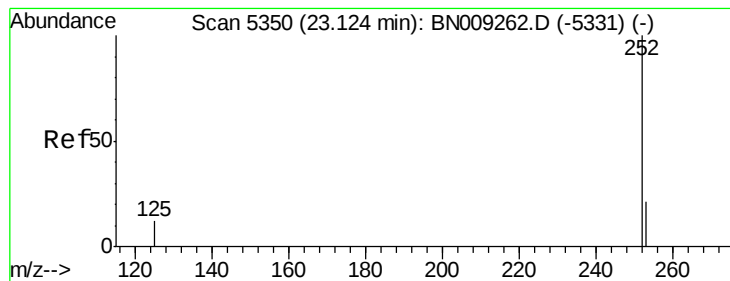


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.327 ng/ul

RT: 23.12 min Scan# 5348

Delta R.T. -0.01 min

Lab File: BN009270.D

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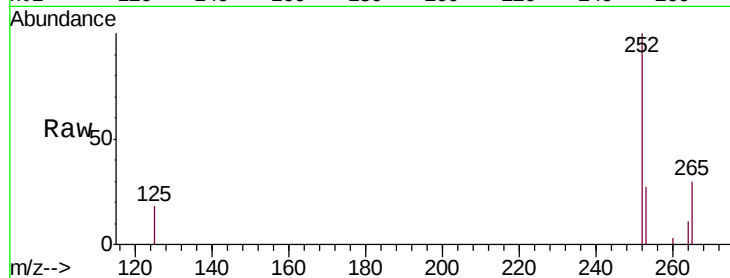
Tgt Ion:252 Resp: 9508

Ion Ratio Lower Upper

252 100

253 27.4 20.2 30.4

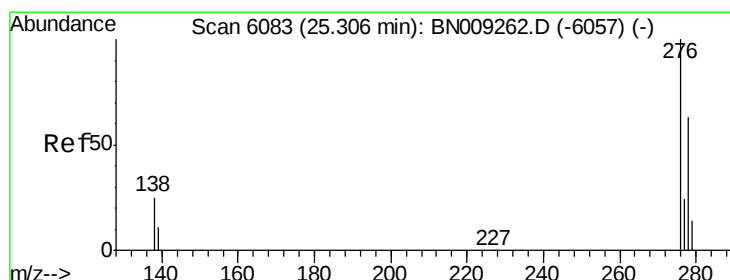
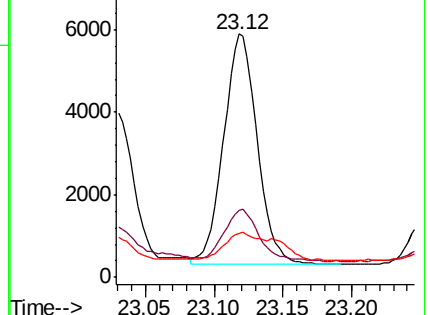
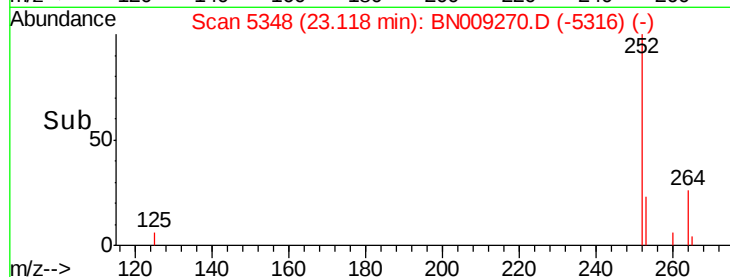
125 18.0 13.2 19.8



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: 0.200 ng/ul

RT: 25.30 min Scan# 6082

Delta R.T. -0.00 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

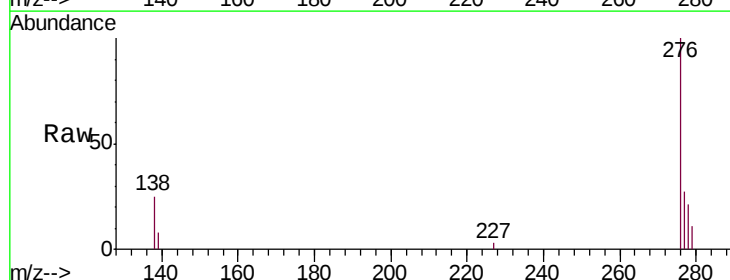
Tgt Ion:276 Resp: 6341

Ion Ratio Lower Upper

276 100

138 22.5 22.4 33.6

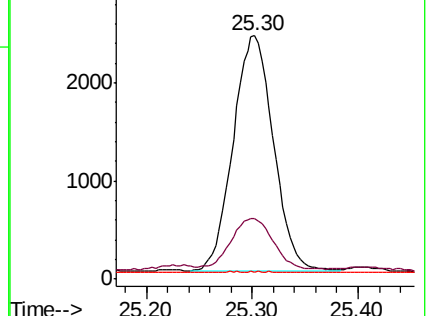
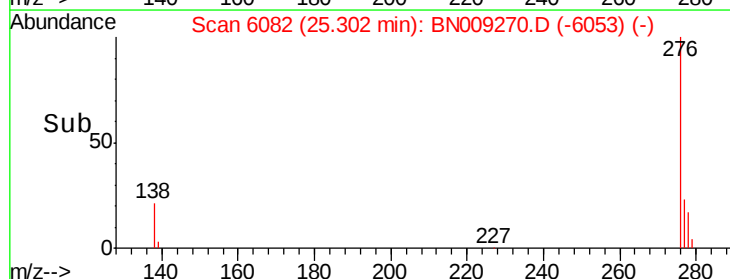
227 0.1 0.2 0.4#

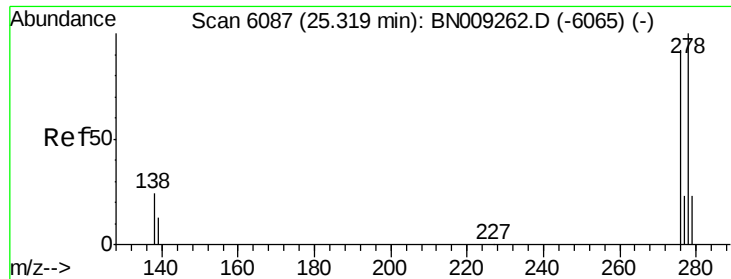


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.056 ng/ul

RT: 25.31 min Scan# 6085

Delta R.T. -0.01 min

Lab File: BN009270.D

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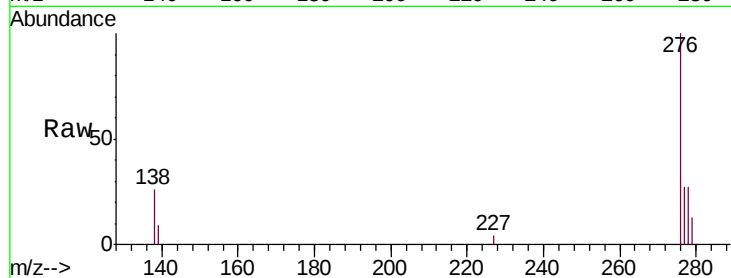
Tgt Ion: 278 Resp: 1405

Ion Ratio Lower Upper

278 100

139 32.3 16.2 24.2#

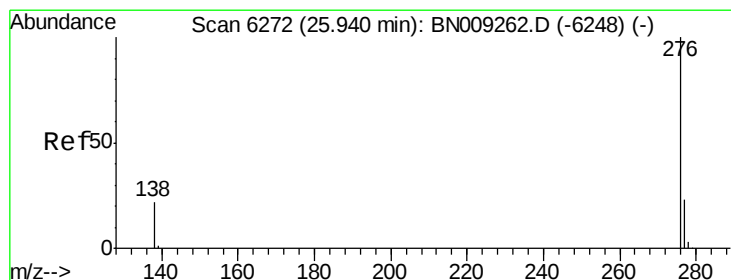
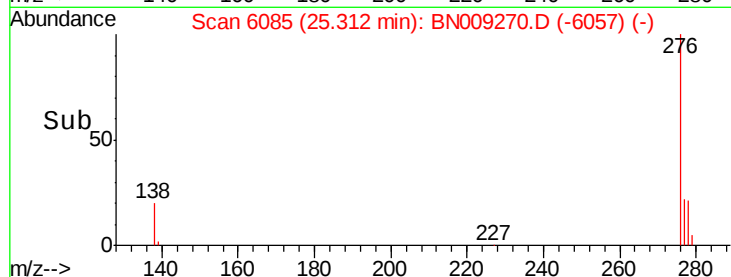
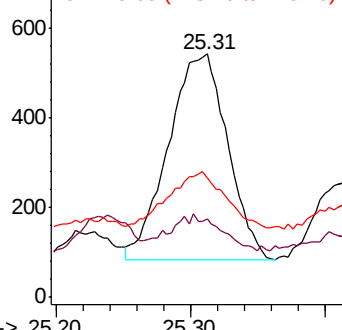
279 49.3 20.3 30.5#



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: 0.241 ng/ul

RT: 25.93 min Scan# 6269

Delta R.T. -0.01 min

Lab File: BN009270.D

Acq: 30 Dec 2019 21:18

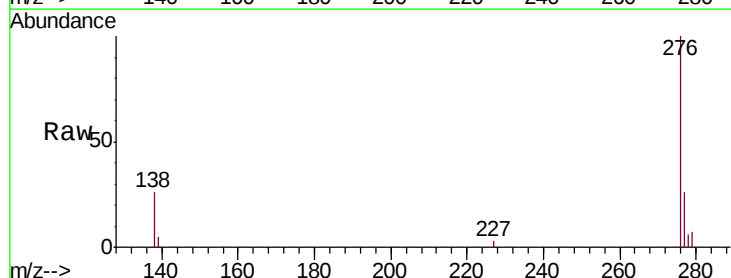
Tgt Ion: 276 Resp: 6441

Ion Ratio Lower Upper

276 100

138 26.1 20.6 30.8

277 26.2 19.6 29.4



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

