

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN090820\
 Data File : BN011749.D
 Acq On : 08 Sep 2020 22:31
 Operator : CG/JU
 Sample : L3840-14
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

Quant Time: Sep 09 06:37:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN090820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 09 06:29:50 2020
 Response via : Initial Calibration

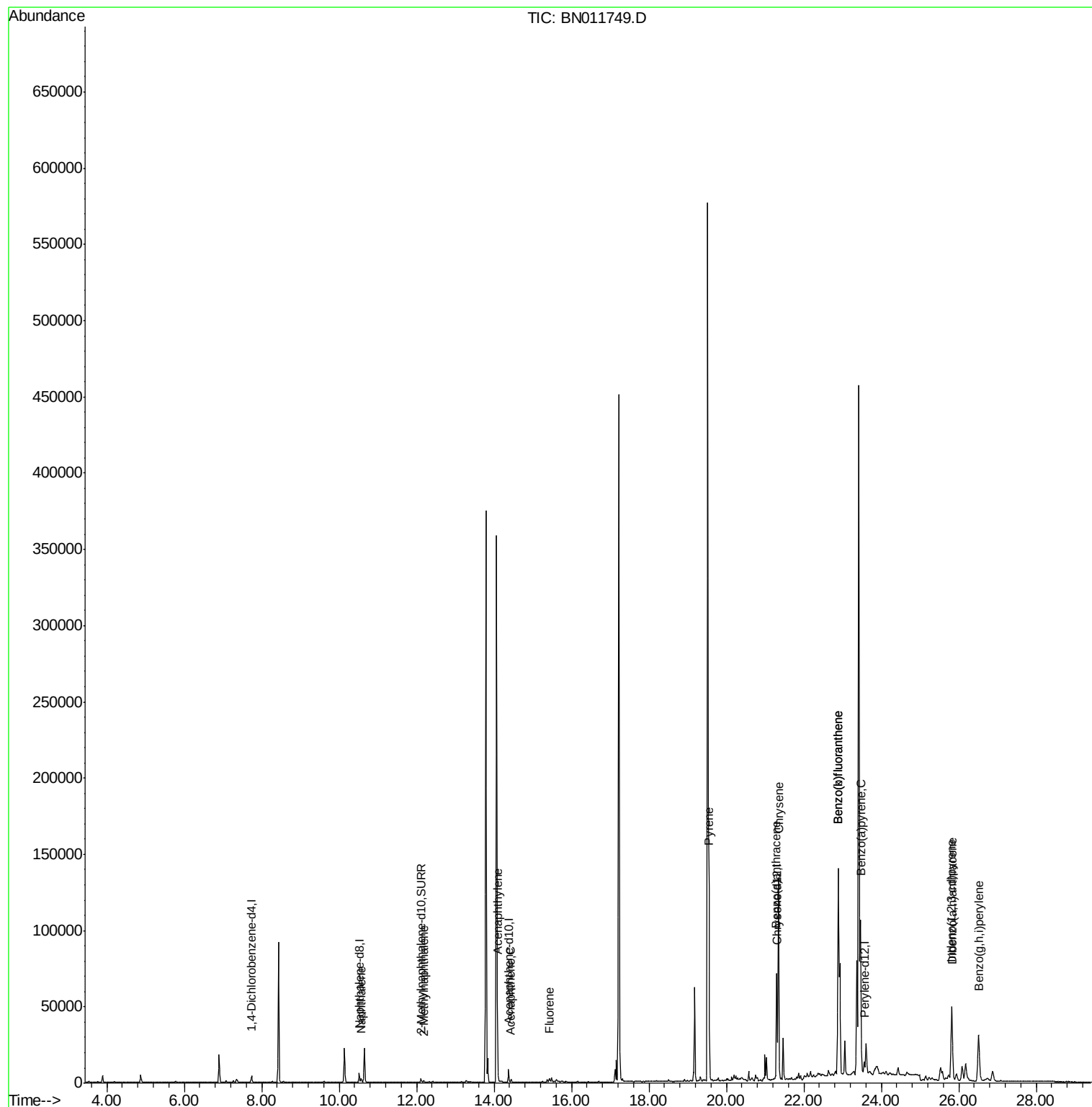
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	2013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.52	136	7853	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.38	164	4546	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.12
16) Chrysene-d12	21.31	240	8945	0.40	ng/ul	0.00
20) Perylene-d12	23.56	264	8892	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.11	152	2676	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.15	212	6184	0.00	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.57	128	3234	0.139	ng/ul	97
5) 2-Methylnaphthalene	12.18	142	636	0.041	ng/ul	99
7) Acenaphthylene	14.09	152	11318	0.516	ng/ul	99
8) Acenaphthene	14.44	153	998	0.057	ng/ul	99
9) Fluorene	15.43	166	1716	0.084	ng/ul#	95
17) Pyrene	19.54	202	104565	2.632	ng/ul	98
18) Benzo(a)anthracene	21.29	228	58791	1.690	ng/ul	96
19) Chrysene	21.35	228	122444	3.152	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	309037	7.415	ng/ul	95
22) Benzo(k)fluoranthene	22.88	252	309037	7.229	ng/ul	94
23) Benzo(a)pyrene	23.46	252	134802	3.747	ng/ul#	91
24) Indeno(1,2,3-cd)pyrene	25.82	276	74952	1.585	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.83	278	21354	0.553	ng/ul	97
26) Benzo(g,h,i)perylene	26.51	276	62883	1.522	ng/ul	98

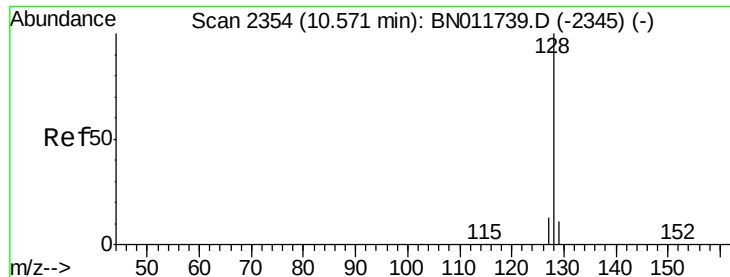
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.139 ng/ul

RT: 10.57 min Scan# 2353

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

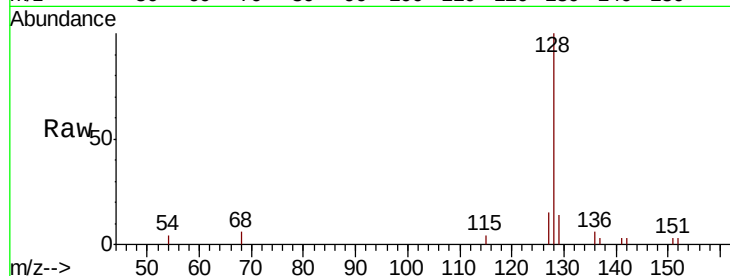
Tot Ion:128 Resp: 3234

Ion Ratio Lower Upper

128 100

129 13.8 9.8 14.6

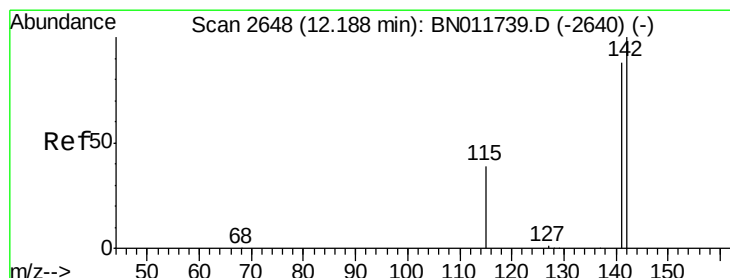
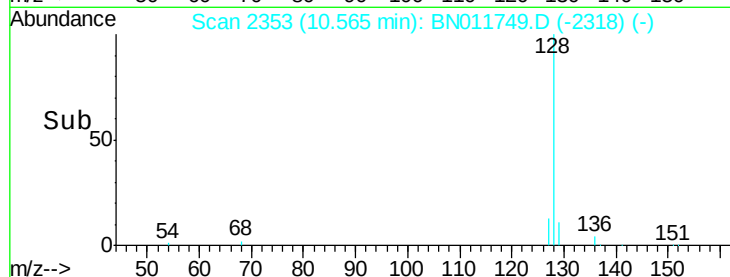
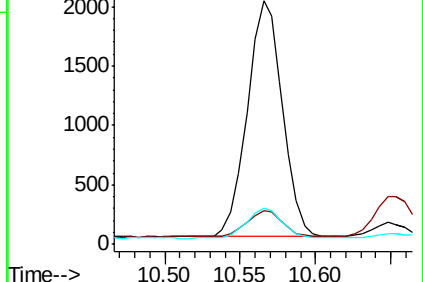
127 14.8 11.0 16.6



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: 0.041 ng/ul

RT: 12.18 min Scan# 2647

Delta R.T. -0.01 min

Lab File: BN011749.D

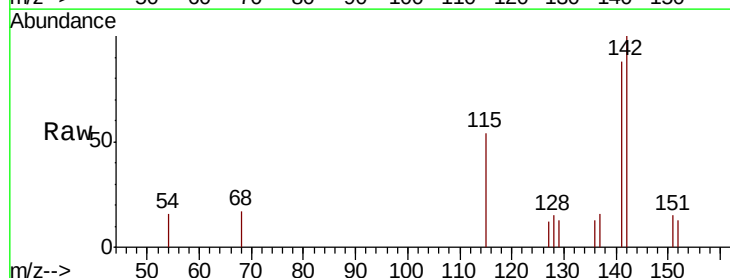
Acq: 08 Sep 2020 22:31

Tgt Ion:142 Resp: 636

Ion Ratio Lower Upper

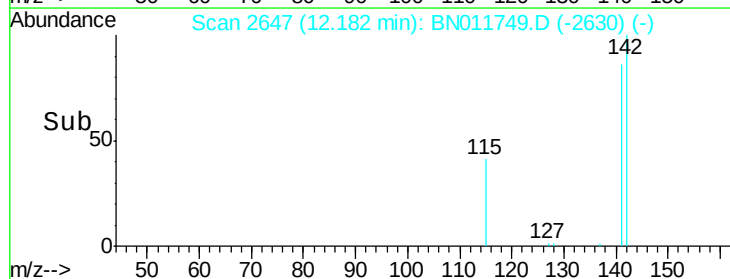
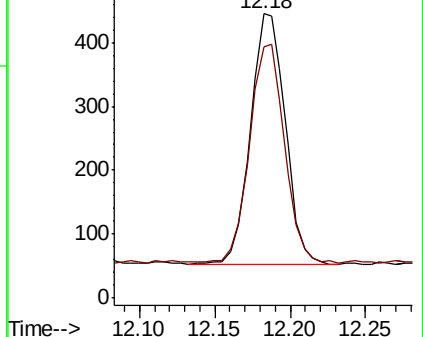
142 100

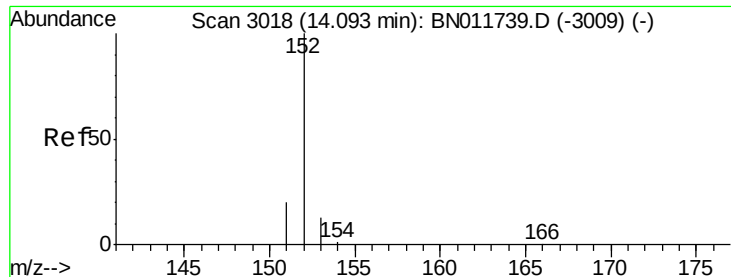
141 87.7 71.0 106.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.516 ng/ul

RT: 14.09 min Scan# 3018

Delta R.T. 0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

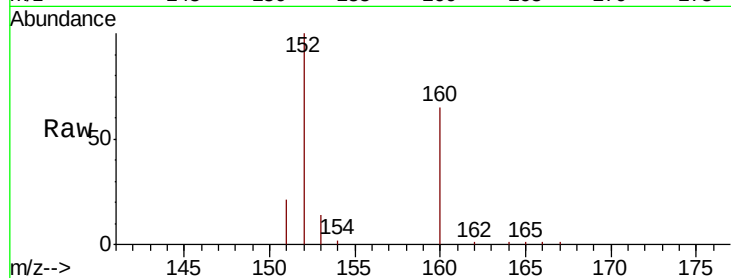
Tot Ion:152 Resp: 11318

Ion Ratio Lower Upper

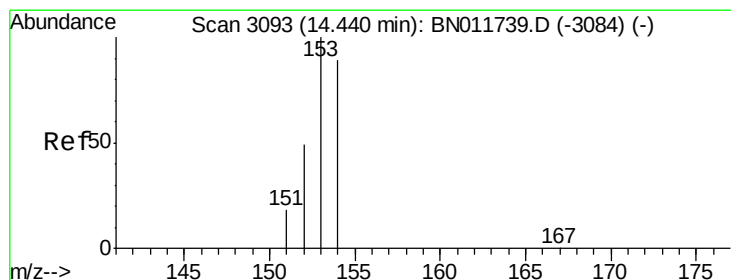
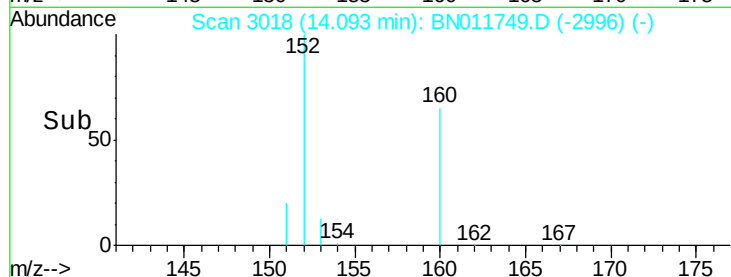
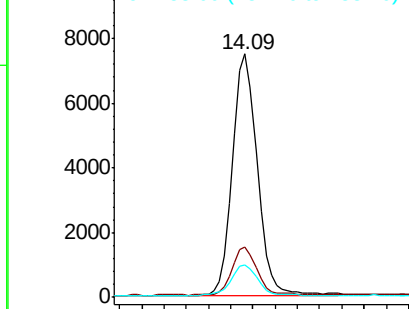
152 100

151 20.7 16.2 24.4

153 13.5 11.4 17.0



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: 0.057 ng/ul

RT: 14.44 min Scan# 3093

Delta R.T. 0.00 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

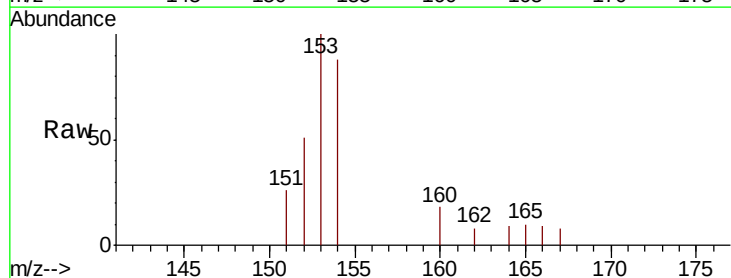
Tgt Ion:153 Resp: 998

Ion Ratio Lower Upper

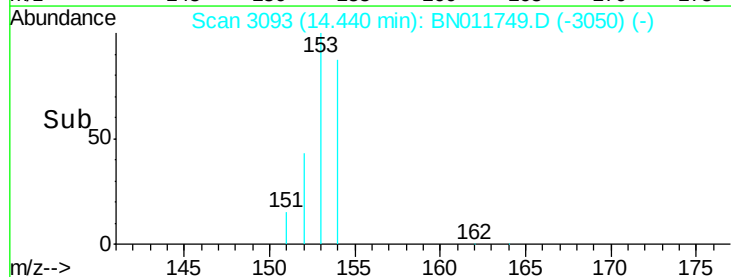
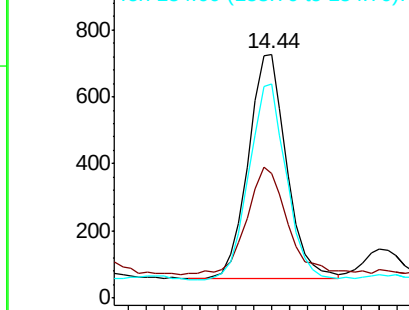
153 100

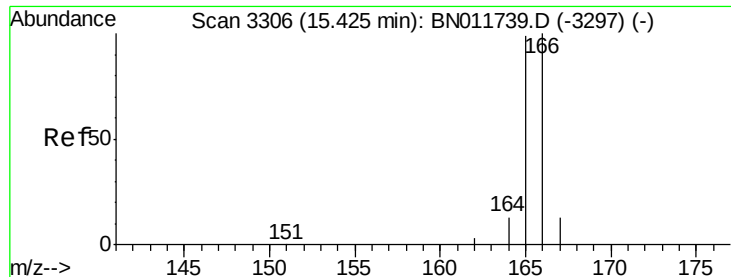
152 51.4 40.3 60.5

154 87.9 70.1 105.1



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

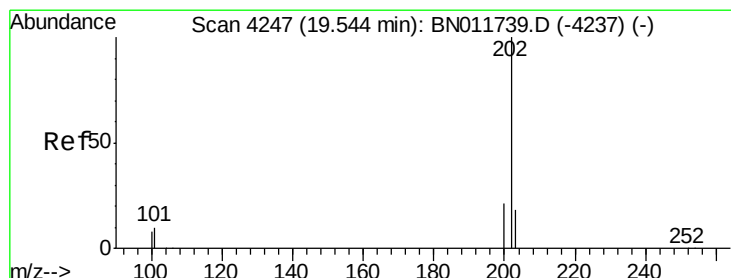
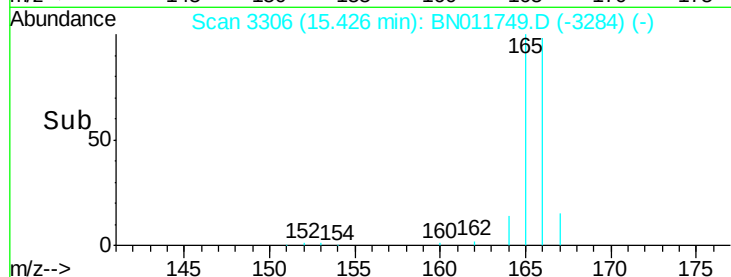
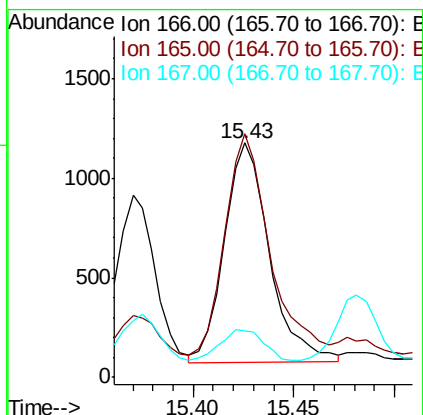
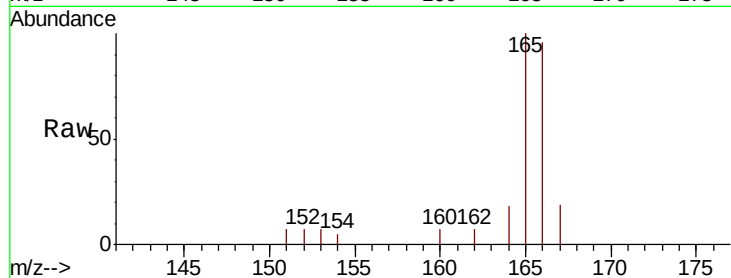




#9
Fluorene
 Concen: 0.084 ng/ul
 RT: 15.43 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

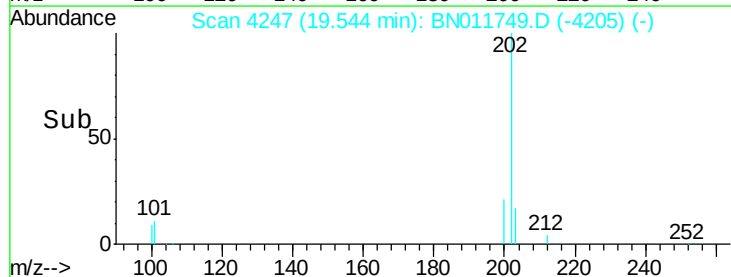
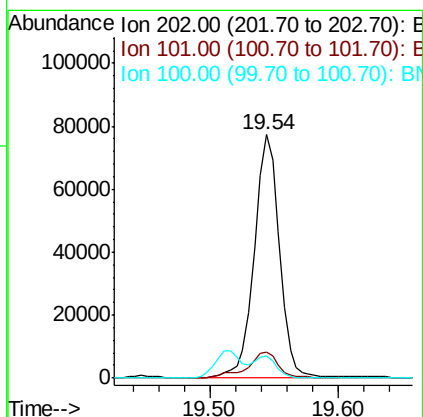
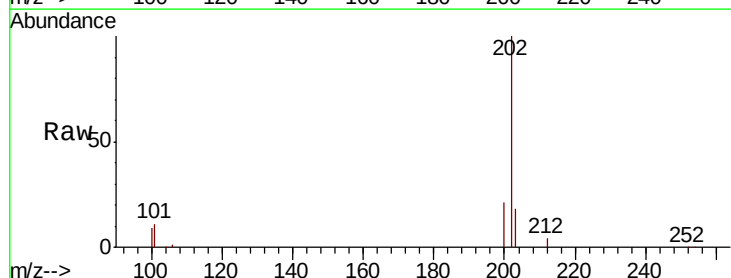
Instrument :
 BNA_N
 ClientSampleId :
 C0AB0

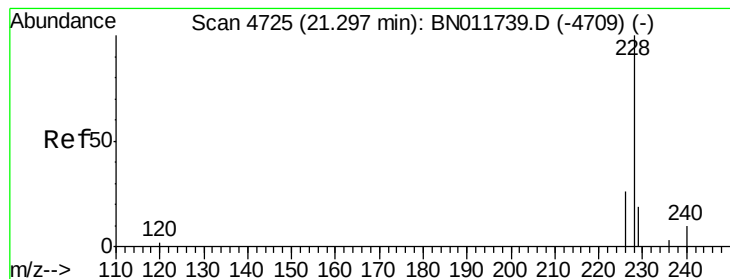
Tot Ion:166 Resp: 1716
 Ion Ratio Lower Upper
 166 100
 165 104.0 80.2 120.2
 167 19.9 11.8 17.6#



#17
Pyrene
 Concen: 2.632 ng/ul
 RT: 19.54 min Scan# 4247
 Delta R.T. -0.00 min
 Lab File: BN011749.D
 Acq: 08 Sep 2020 22:31

Tgt Ion:202 Resp: 104565
 Ion Ratio Lower Upper
 202 100
 101 10.9 8.0 12.0
 100 9.0 6.5 9.7





#18

Benzo(a)anthracene

Concen: 1.690 ng/ul

RT: 21.29 min Scan# 4724

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

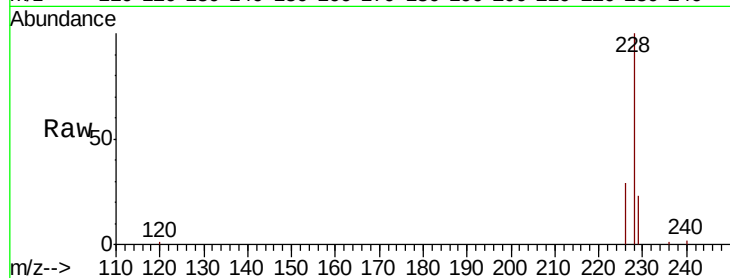
Tot Ion:228 Resp: 58791

Ion Ratio Lower Upper

228 100

229 22.6 15.9 23.9

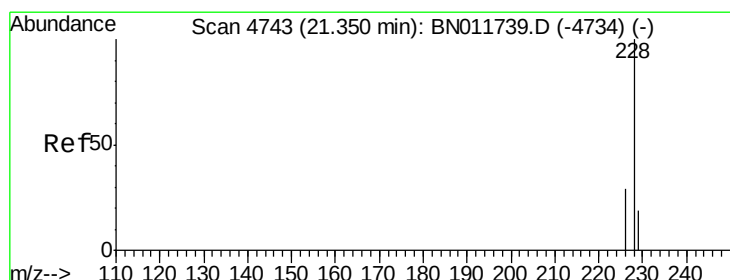
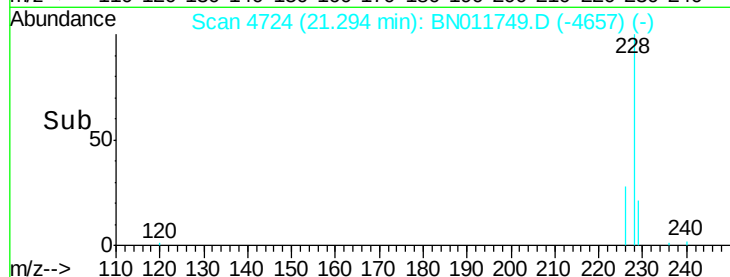
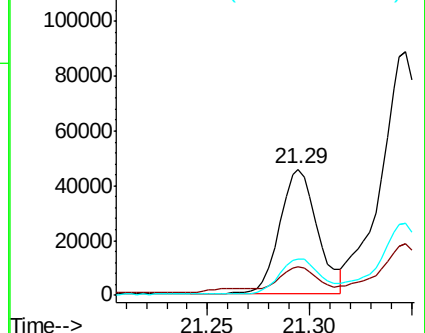
226 29.2 21.9 32.9



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: 3.152 ng/ul

RT: 21.35 min Scan# 4742

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

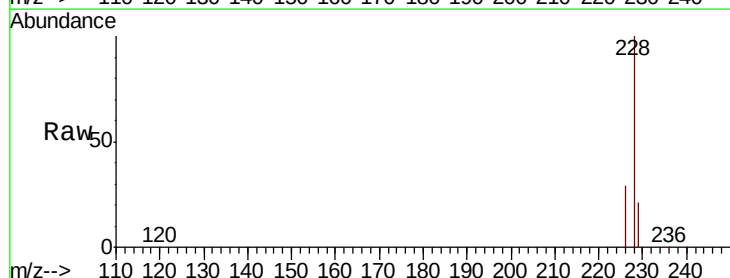
Tgt Ion:228 Resp: 122444

Ion Ratio Lower Upper

228 100

226 29.5 24.6 37.0

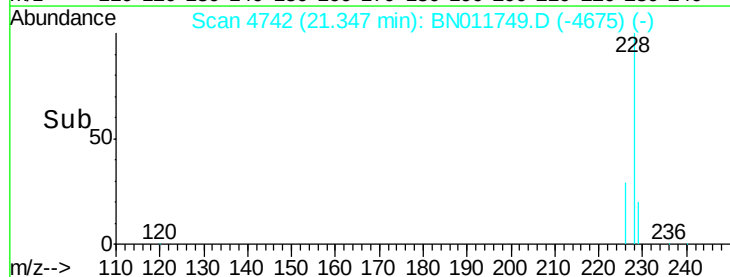
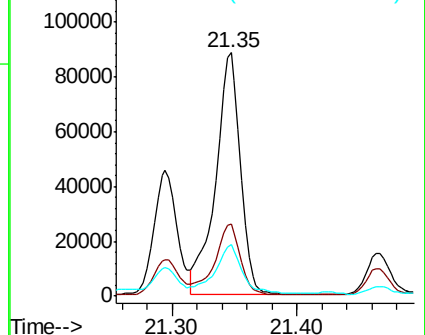
229 21.0 15.9 23.9

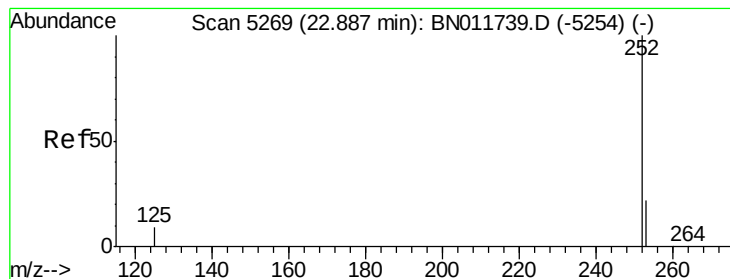


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 7.415 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

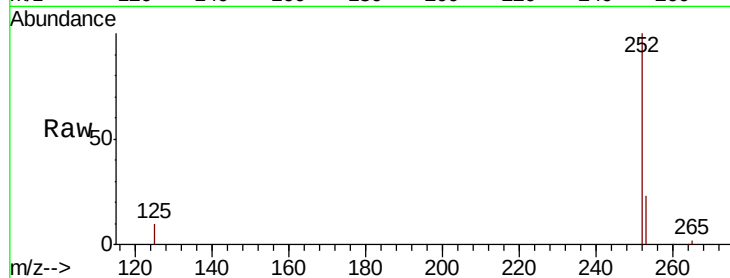
Tot Ion:252 Resp: 309037

Ion Ratio Lower Upper

252 100

253 22.7 0.0 50.6

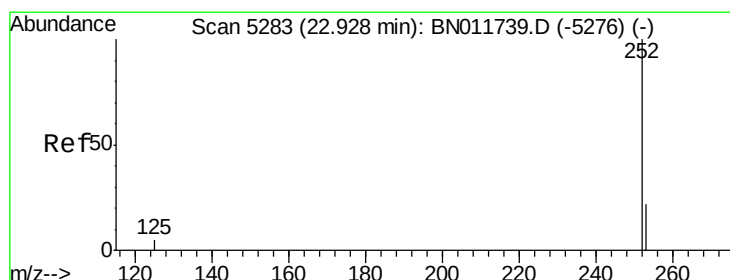
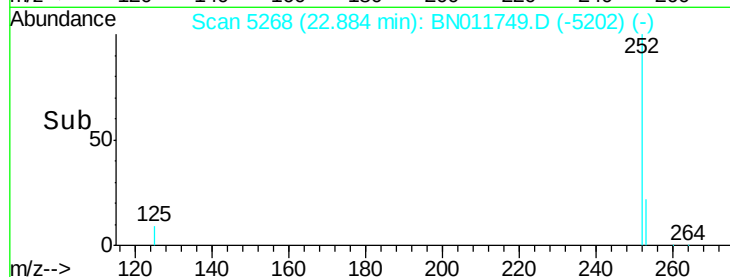
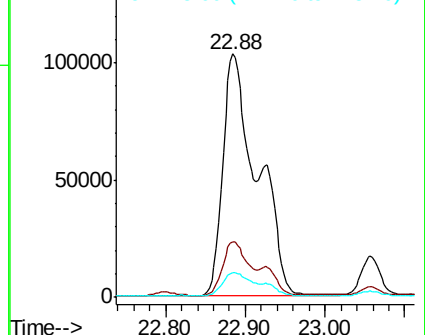
125 10.2 0.0 23.6



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



#22

Benzo(k)fluoranthene

Concen: 7.229 ng/ul

RT: 22.88 min Scan# 5268

Delta R.T. -0.05 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

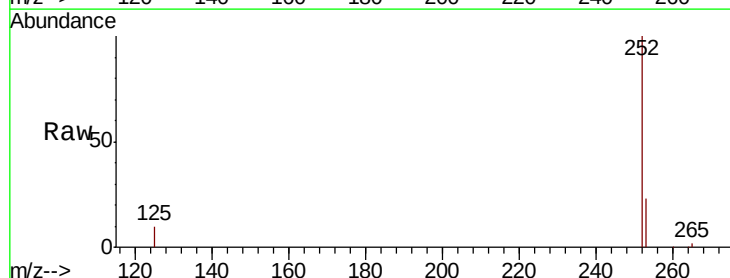
Tgt Ion:252 Resp: 309037

Ion Ratio Lower Upper

252 100

253 22.7 20.7 31.1

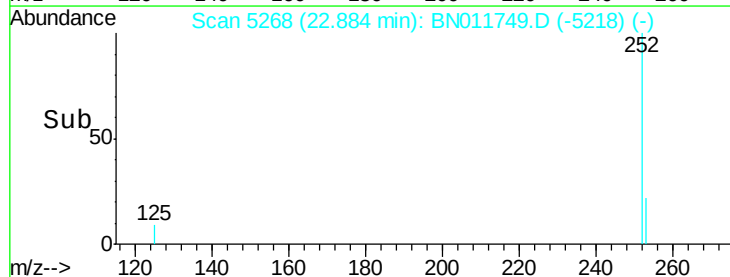
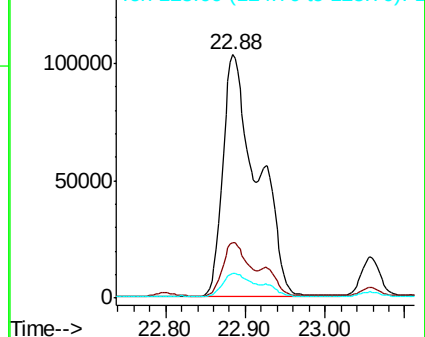
125 10.2 9.7 14.5

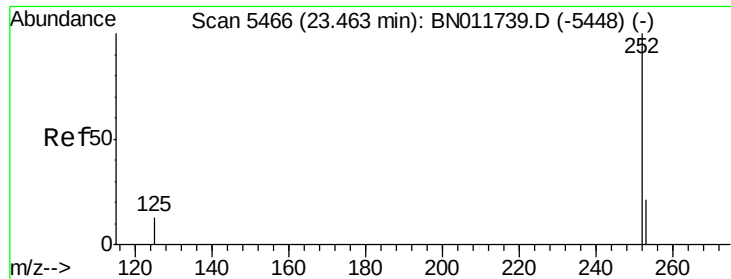


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 3.747 ng/ul

RT: 23.46 min Scan# 5466

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

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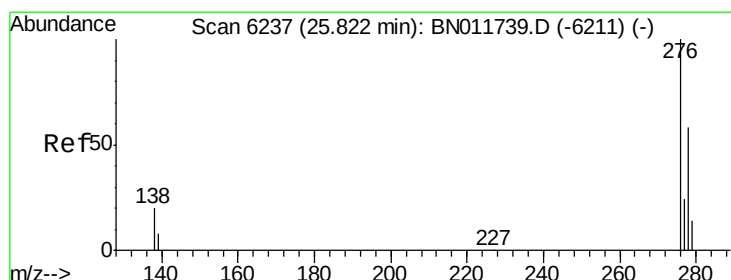
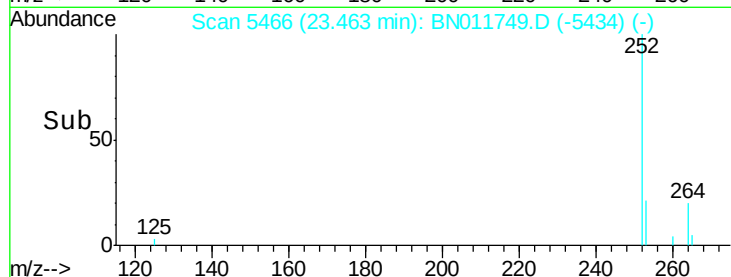
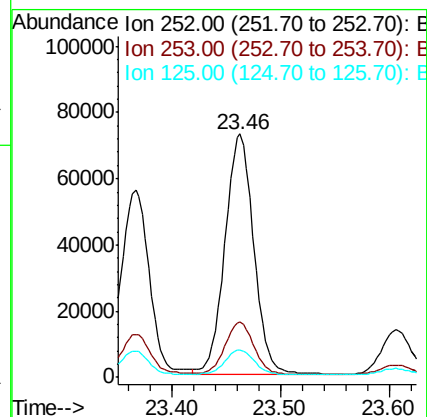
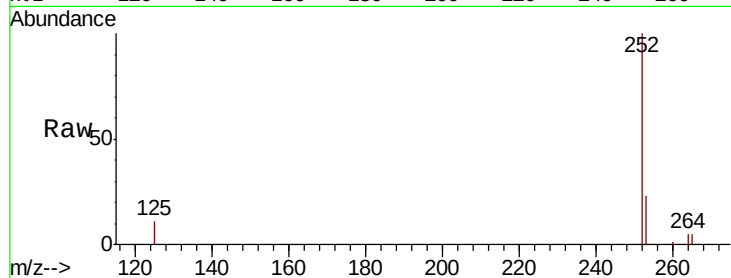
Tot Ion:252 Resp: 134802

Ion Ratio Lower Upper

252 100

253 22.7 21.6 32.4

125 11.3 12.6 18.8#



#24

Indeno(1,2,3-cd)pyrene

Concen: 1.585 ng/ul

RT: 25.82 min Scan# 6236

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

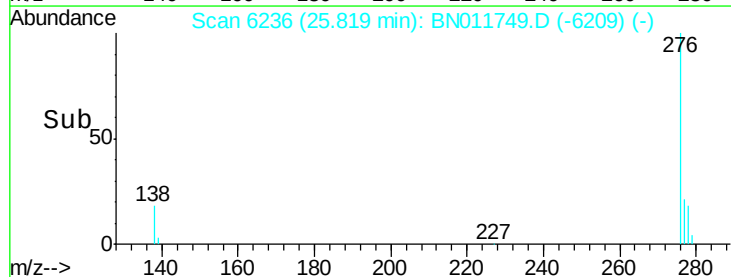
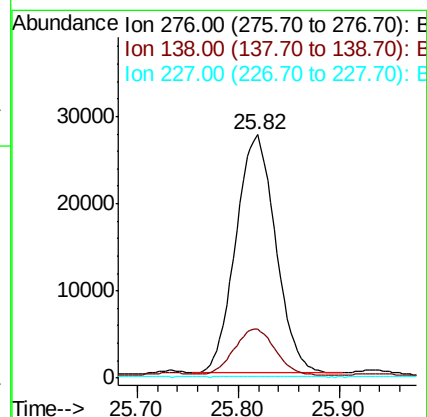
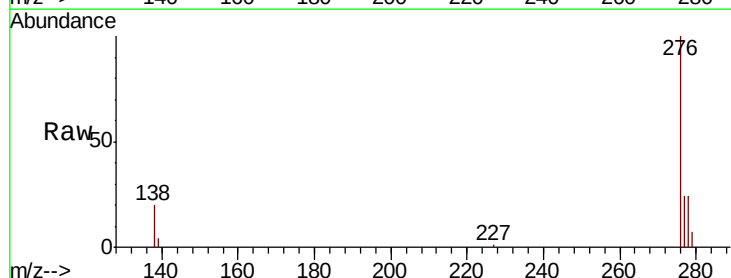
Tgt Ion:276 Resp: 74952

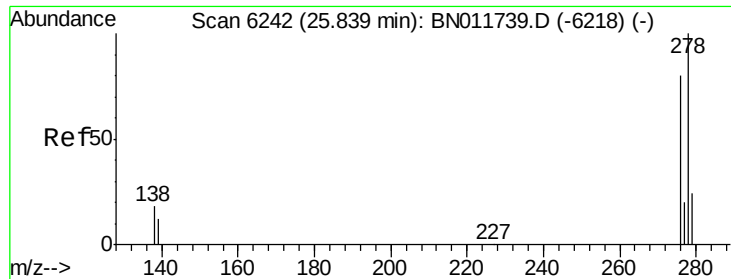
Ion Ratio Lower Upper

276 100

138 19.9 0.0 0.0#

227 0.2 0.1 0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.553 ng/ul

RT: 25.83 min Scan# 6239

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

Instrument :

BNA_N

ClientSampleId :

C0AB0

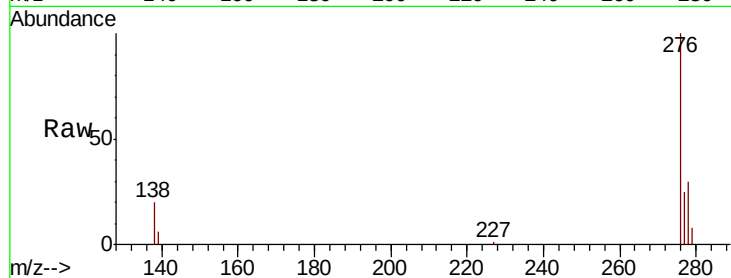
Tot Ion:278 Resp: 21354

Ion Ratio Lower Upper

278 100

139 18.5 12.4 18.6

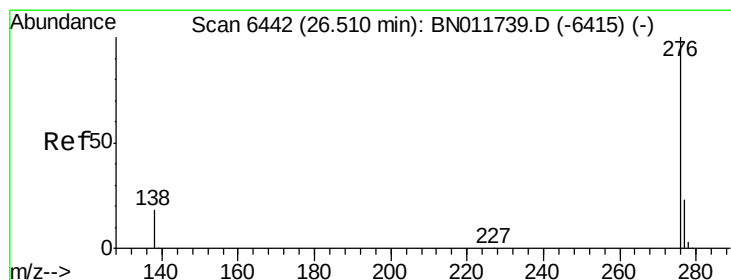
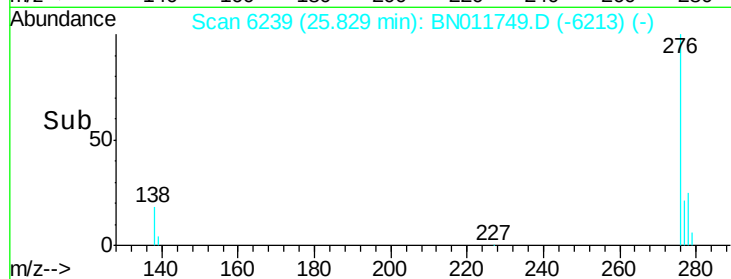
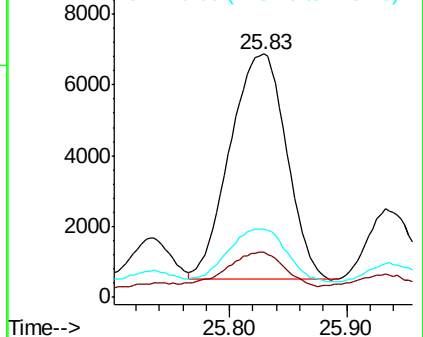
279 27.9 21.8 32.6



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: 1.522 ng/ul

RT: 26.51 min Scan# 6442

Delta R.T. -0.01 min

Lab File: BN011749.D

Acq: 08 Sep 2020 22:31

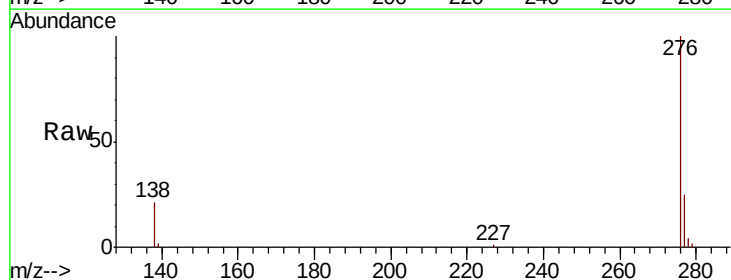
Tgt Ion:276 Resp: 62883

Ion Ratio Lower Upper

276 100

138 20.7 14.7 22.1

277 24.7 19.5 29.3



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

