

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021119\
 Data File : BN004379.D
 Acq On : 11 Feb 2019 15:47
 Operator : JU/SJ
 Sample : K1410-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Quant Time: Feb 11 16:33:53 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN021119.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Feb 11 14:04:55 2019

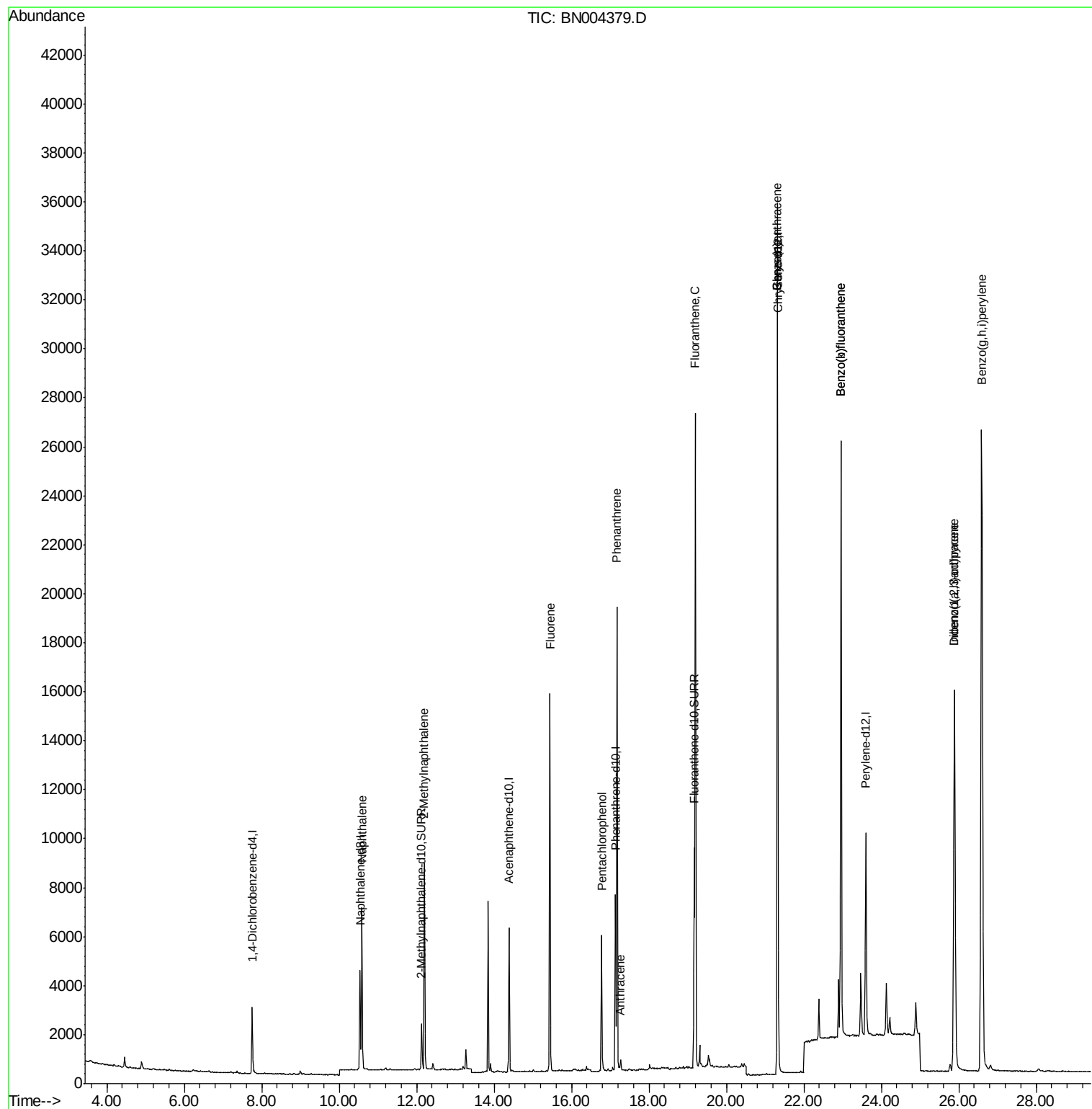
Response via : Initial Calibration

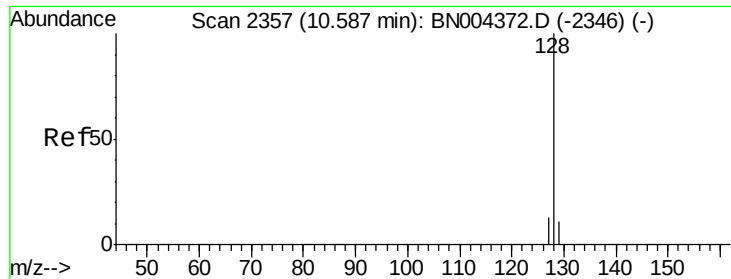
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	1380	0.40	ng/ul	0.00
2) Naphthalene-d8	10.54	136	5518	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.39	164	3142	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.14	188	8540	0.40	ng/ul	0.00
16) Chrysene-d12	21.33	240	10803	0.40	ng/ul	0.00
20) Perylene-d12	23.60	264	11360	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.13	152	2533	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.17	212	9936	0.37	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.59	128	8839	0.558	ng/ul	99
5) 2-Methylnaphthalene	12.20	142	5958	0.526	ng/ul	100
9) Fluorene	15.44	166	9523	0.639	ng/ul	99
11) Pentachlorophenol	16.78	266	3780	2.079	ng/ul	97
12) Phenanthrene	17.17	178	19799	0.713	ng/ul	100
13) Anthracene	17.27	178	539	0.023	ng/ul#	68
15) Fluoranthene	19.20	202	22680	0.667	ng/ul	99
18) Benzo(a)anthracene	21.32	228	29127	0.836	ng/ul	99
19) Chrysene	21.32	228	29201	0.722	ng/ul	97
21) Benzo(b)fluoranthene	22.96	252	30922	0.681	ng/ul	99
22) Benzo(k)fluoranthene	22.96	252	30912	0.693	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.89	276	30572	0.573	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.89	278	1221	0.028	ng/ul#	50
26) Benzo(g,h,i)perylene	26.59	276	55266	1.141	ng/ul	100

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

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#3

Naphthalene

Concen: 0.558 ng/ul

RT: 10.59 min Scan# 2357

Delta R.T. -0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

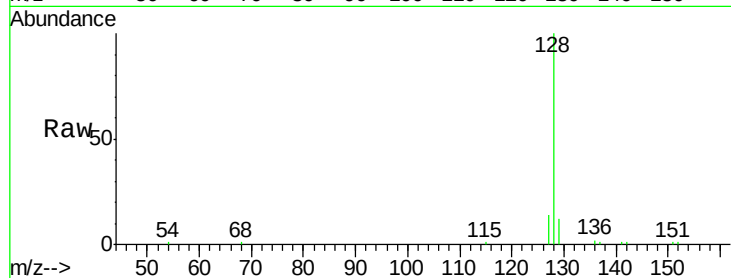
Tgt Ion:128 Resp: 8839

Ion Ratio Lower Upper

128 100

129 11.7 9.8 14.6

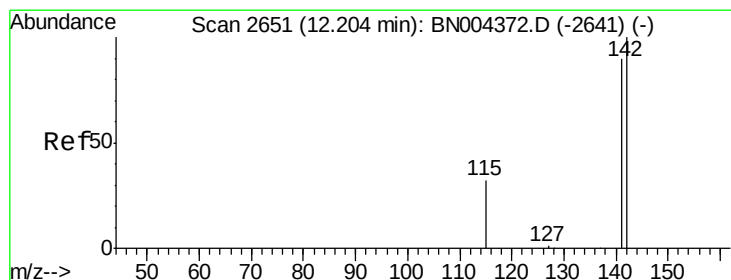
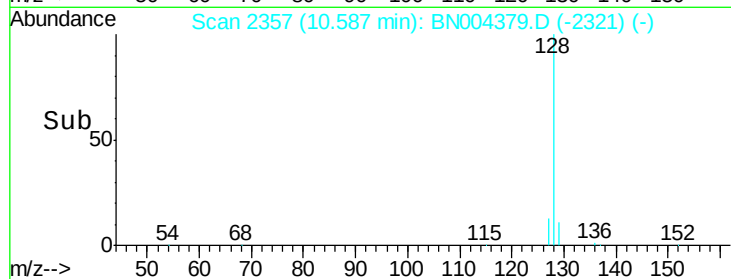
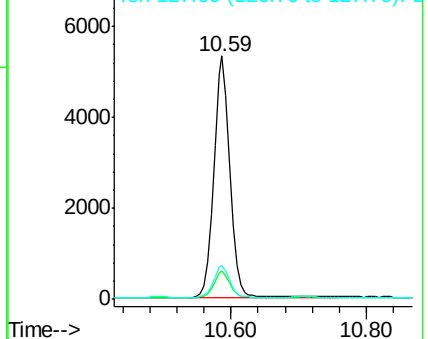
127 13.9 11.4 17.0



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: 0.526 ng/ul

RT: 12.20 min Scan# 2651

Delta R.T. -0.00 min

Lab File: BN004379.D

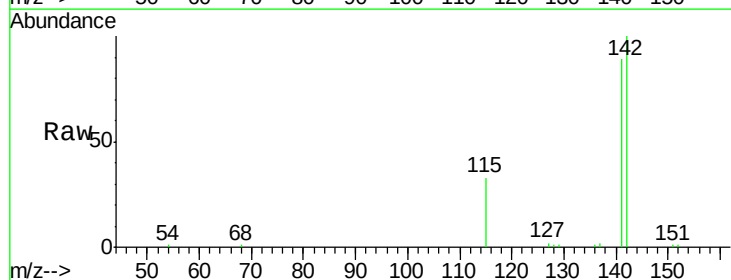
Acq: 11 Feb 2019 15:47

Tgt Ion:142 Resp: 5958

Ion Ratio Lower Upper

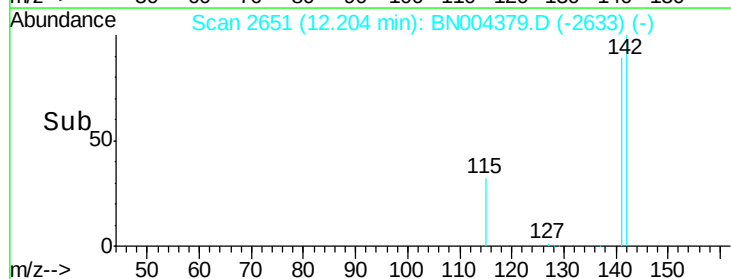
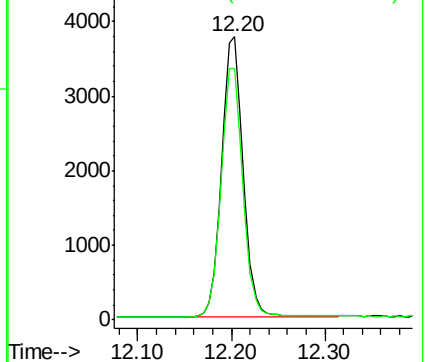
142 100

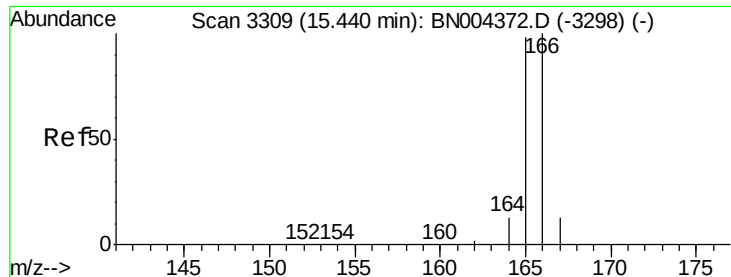
141 90.2 71.8 107.6



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.639 ng/ul

RT: 15.44 min Scan# 3309

Delta R.T. -0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

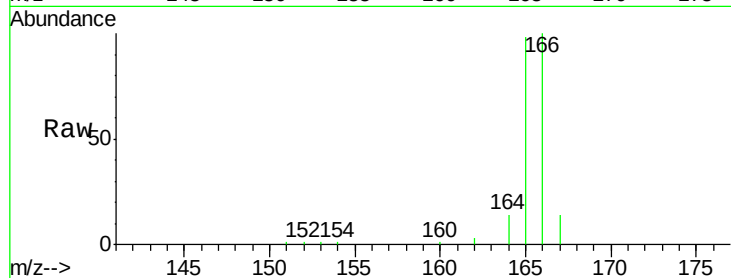
Tgt Ion:166 Resp: 9523

Ion Ratio Lower Upper

166 100

165 98.3 78.9 118.3

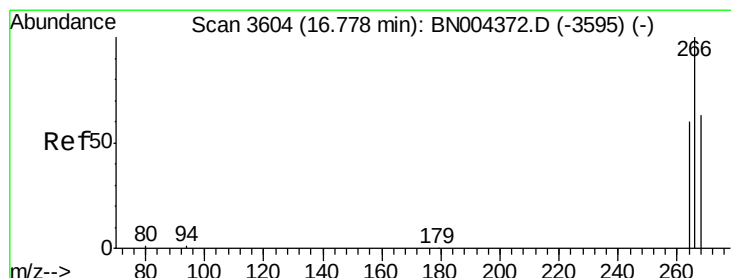
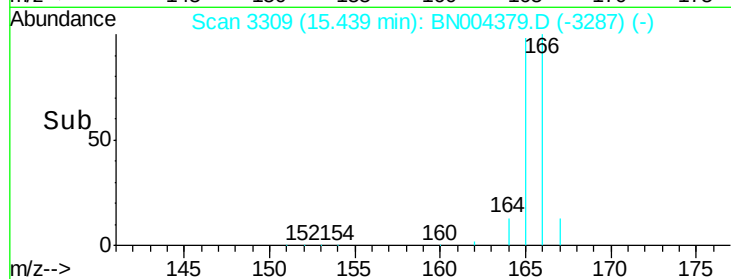
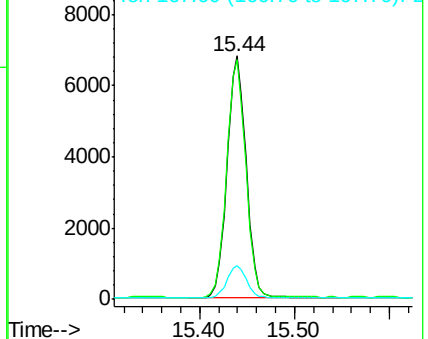
167 13.8 11.6 17.4



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



#11

Pentachlorophenol

Concen: 2.079 ng/ul

RT: 16.78 min Scan# 3604

Delta R.T. -0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

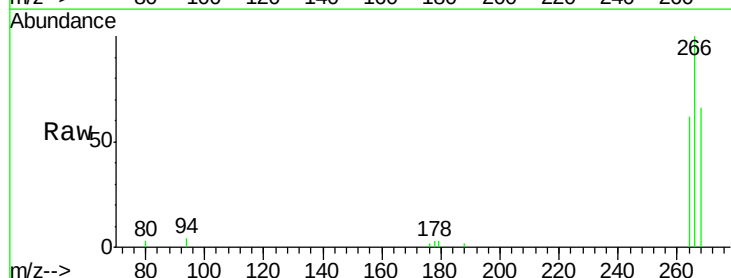
Tgt Ion:266 Resp: 3780

Ion Ratio Lower Upper

266 100

264 63.1 52.3 78.5

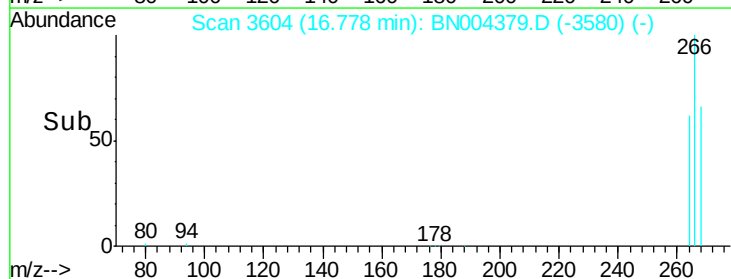
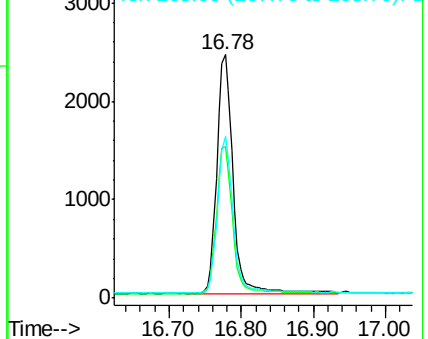
268 63.6 49.0 73.6

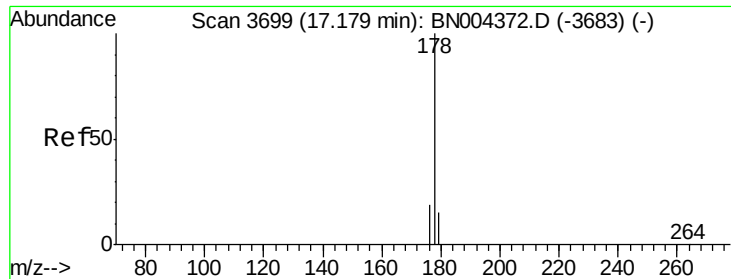


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.713 ng/ul

RT: 17.17 min Scan# 3698

Delta R.T. -0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

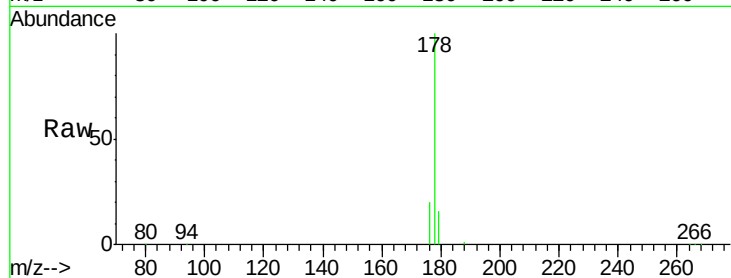
Tgt Ion:178 Resp: 19799

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

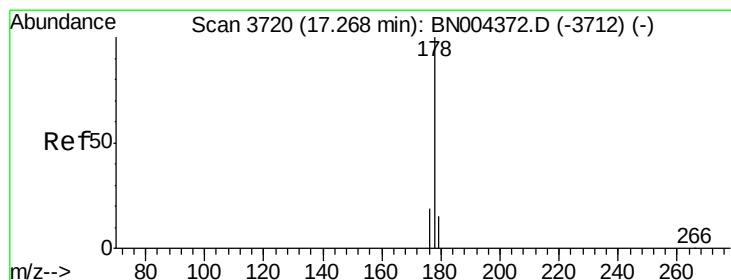
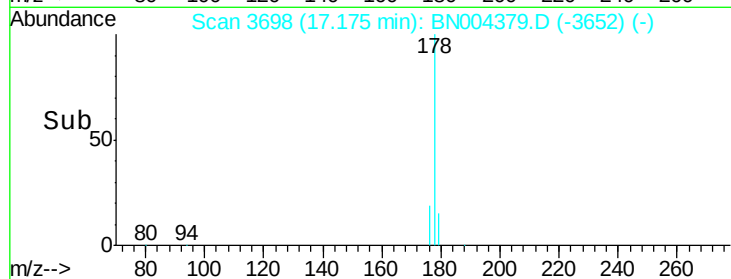
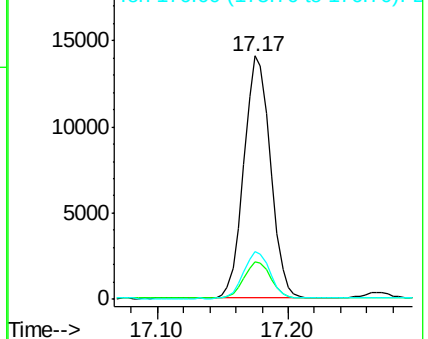
176 19.6 15.8 23.6



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



#13

Anthracene

Concen: 0.023 ng/ul

RT: 17.27 min Scan# 3720

Delta R.T. -0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

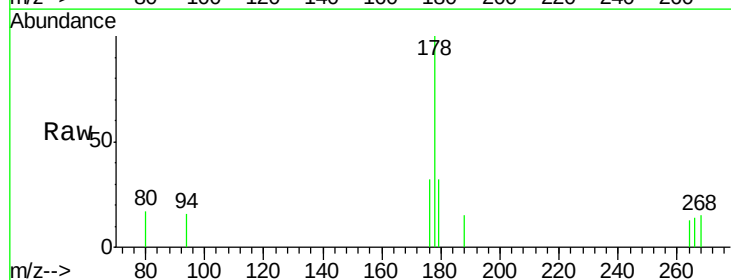
Tgt Ion:178 Resp: 539

Ion Ratio Lower Upper

178 100

179 31.9 13.0 19.4#

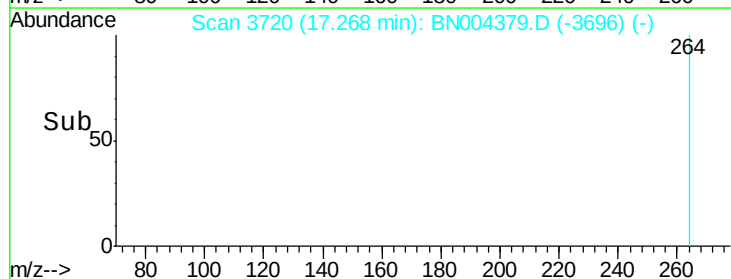
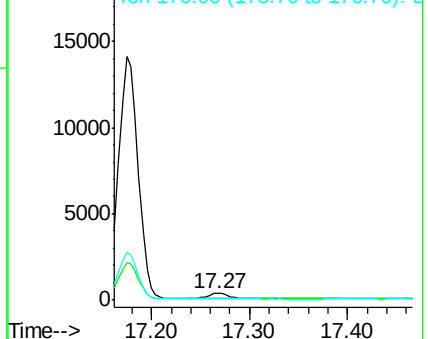
176 31.7 15.5 23.3#

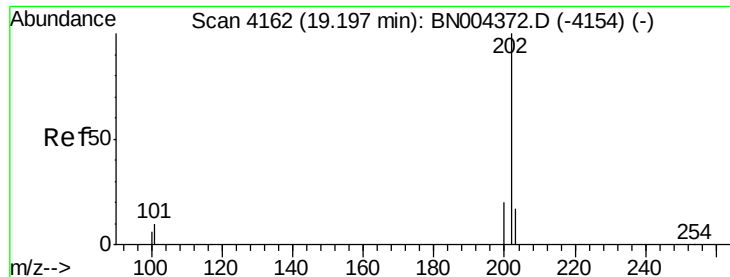


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

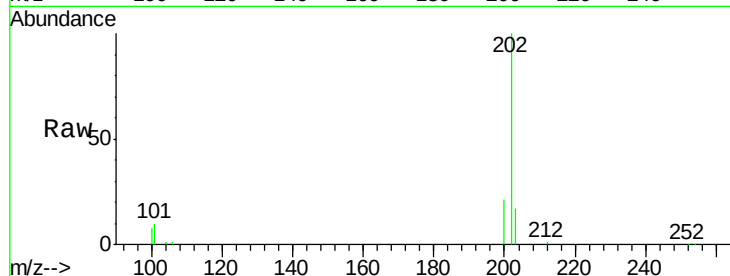
Ion 176.00 (175.70 to 176.70): E



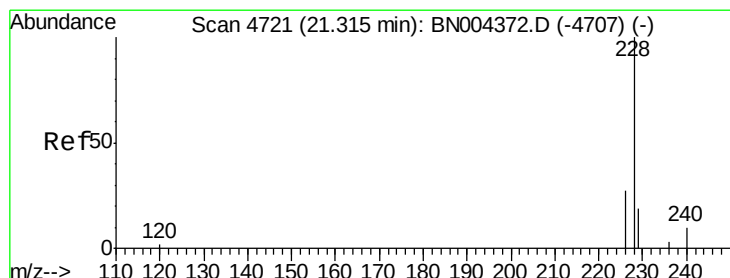
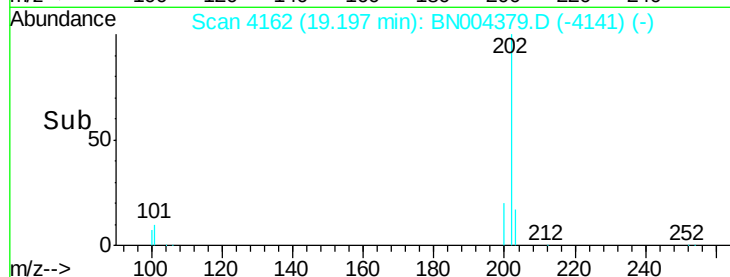
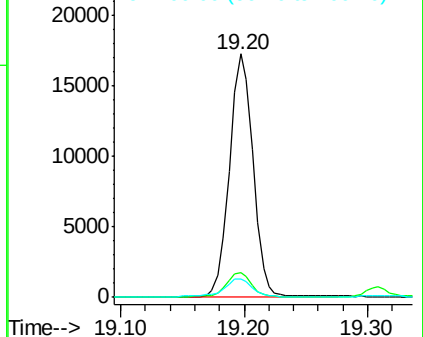


#15
 Fluoranthene
 Concen: 0.667 ng/ul
 RT: 19.20 min Scan# 4162
 Delta R.T. -0.00 min
 Lab File: BN004379.D
 Acq: 11 Feb 2019 15:47

Tgt Ion:	202	Resp:	22680
Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	30.4
100	7.6	0.0	27.6

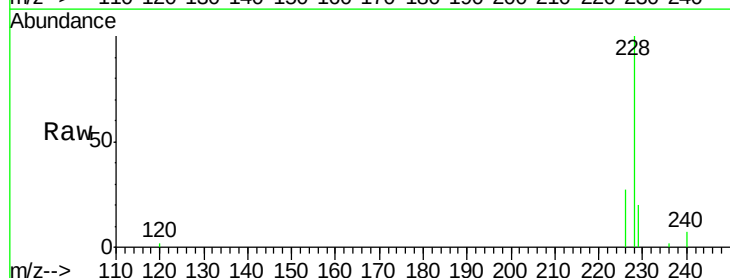


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

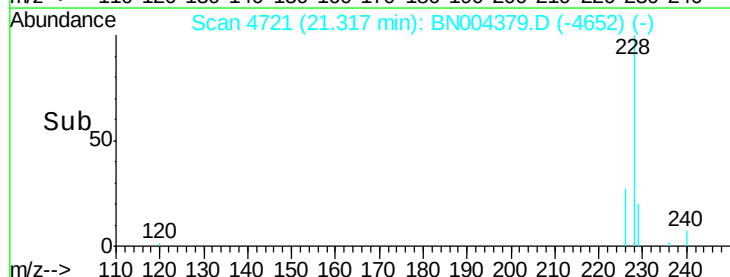
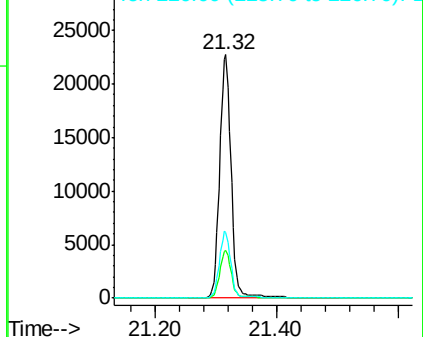


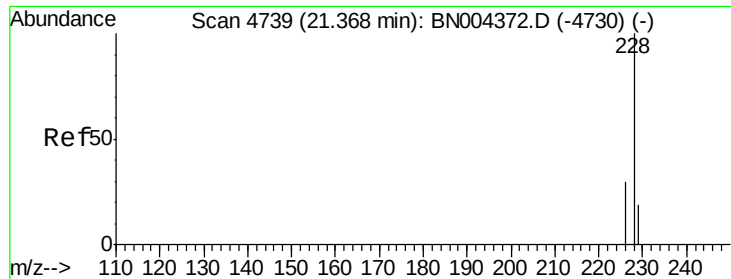
#18
 Benzo(a)anthracene
 Concen: 0.836 ng/ul
 RT: 21.32 min Scan# 4721
 Delta R.T. 0.00 min
 Lab File: BN004379.D
 Acq: 11 Feb 2019 15:47

Tgt Ion:	228	Resp:	29127
Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.1	22.1	33.1



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: 0.722 ng/ul

RT: 21.32 min Scan# 4721

Delta R.T. -0.05 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

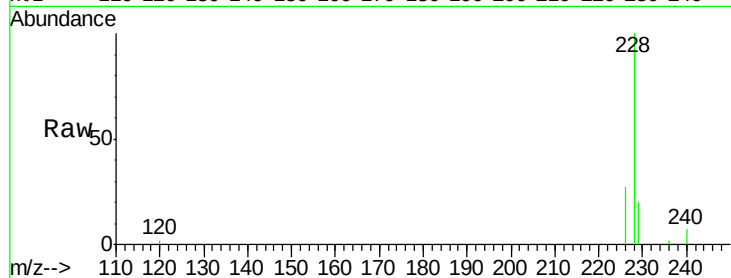
Tgt Ion: 228 Resp: 29201

Ion Ratio Lower Upper

228 100

226 27.1 23.8 35.8

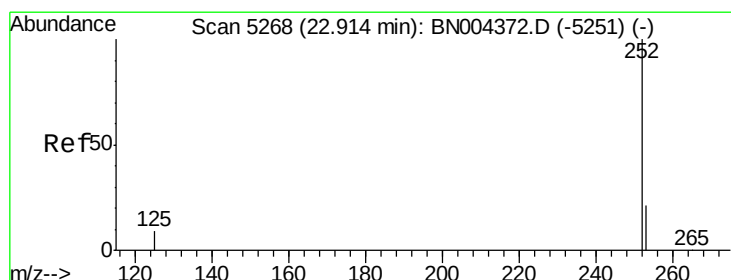
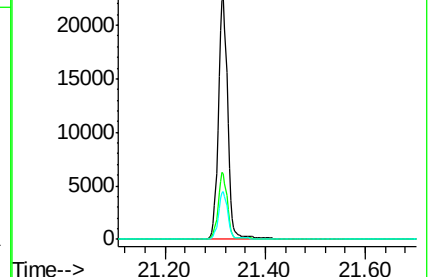
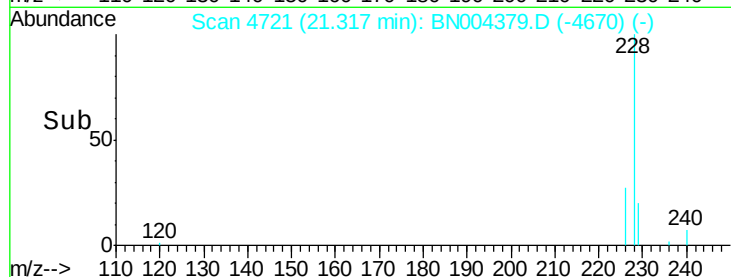
229 19.8 15.8 23.6



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: 0.681 ng/ul

RT: 22.96 min Scan# 5284

Delta R.T. 0.05 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

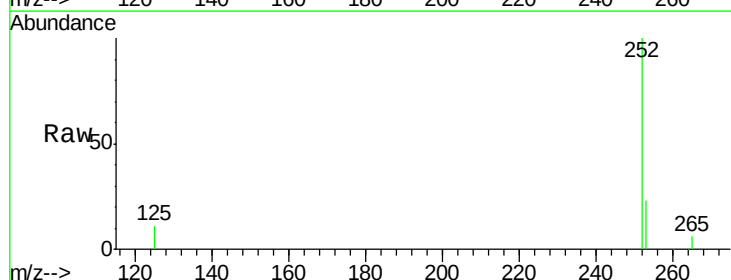
Tgt Ion: 252 Resp: 30922

Ion Ratio Lower Upper

252 100

253 23.2 0.0 48.0

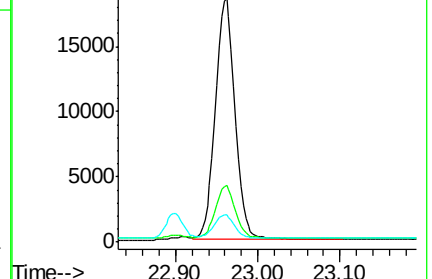
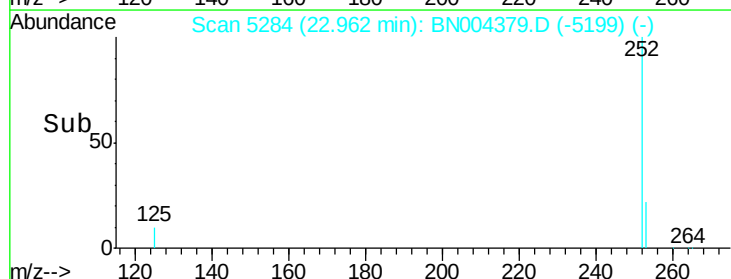
125 11.1 0.0 22.8

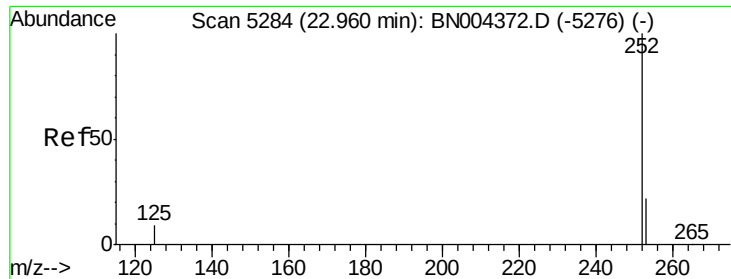


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.693 ng/ul

RT: 22.96 min Scan# 5284

Delta R.T. 0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

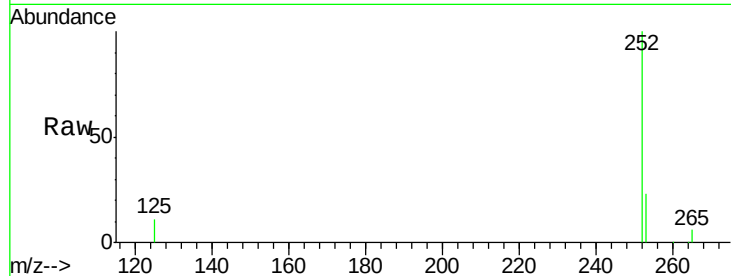
Tgt Ion: 252 Resp: 30912

Ion Ratio Lower Upper

252 100

253 23.2 19.5 29.3

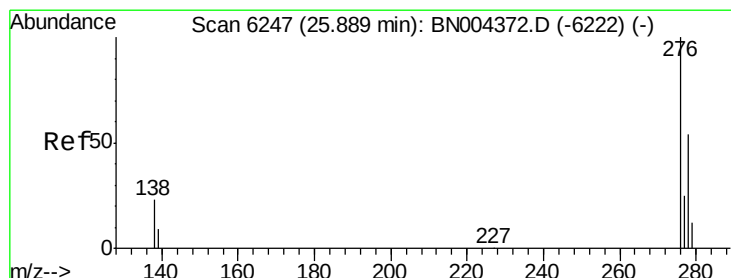
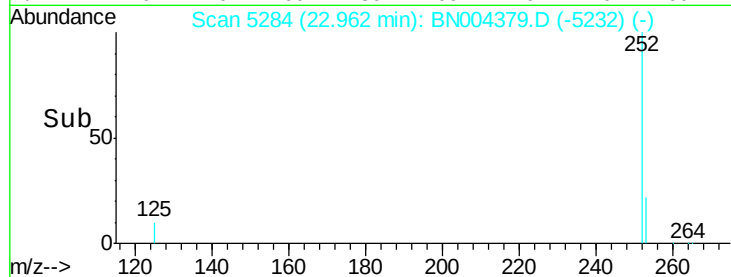
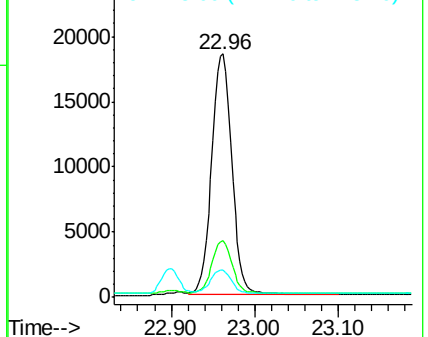
125 11.1 9.1 13.7



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: 0.573 ng/ul

RT: 25.89 min Scan# 6247

Delta R.T. 0.00 min

Lab File: BN004379.D

Acq: 11 Feb 2019 15:47

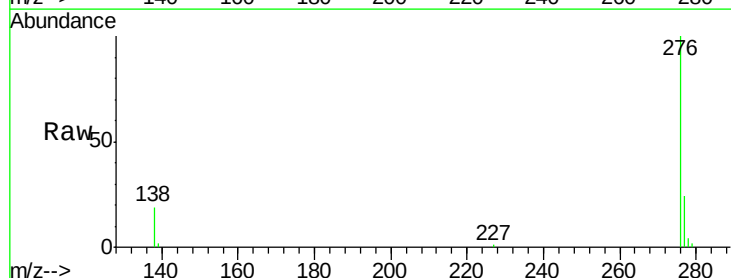
Tgt Ion: 276 Resp: 30572

Ion Ratio Lower Upper

276 100

138 18.9 19.1 28.7#

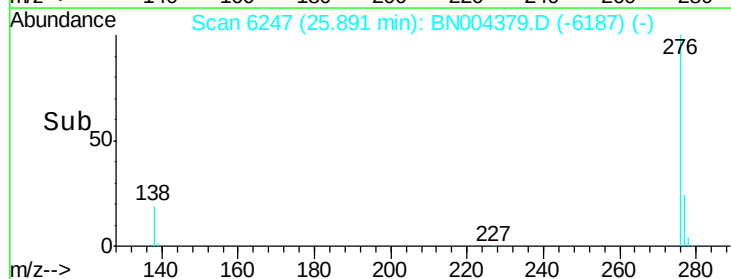
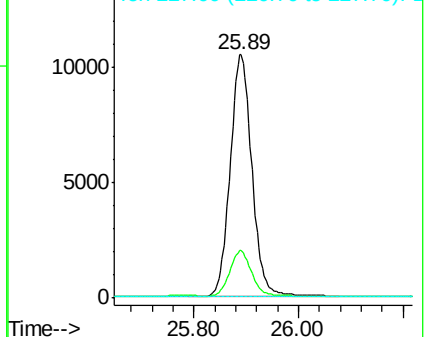
227 0.1 0.2 0.4#

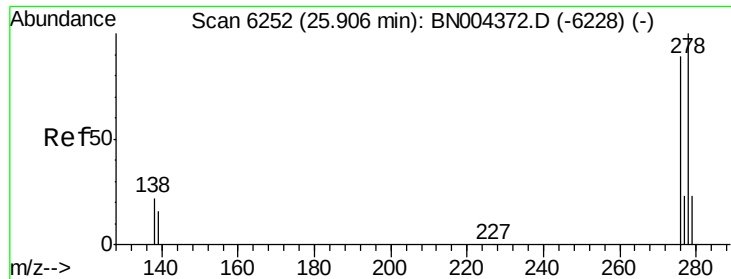


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

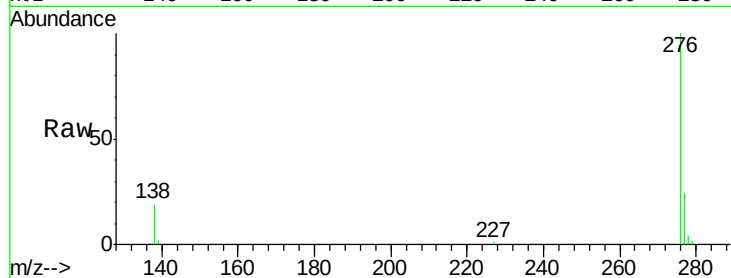
Ion 227.00 (226.70 to 227.70): E



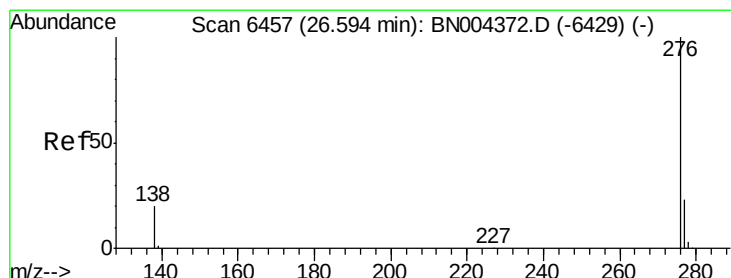
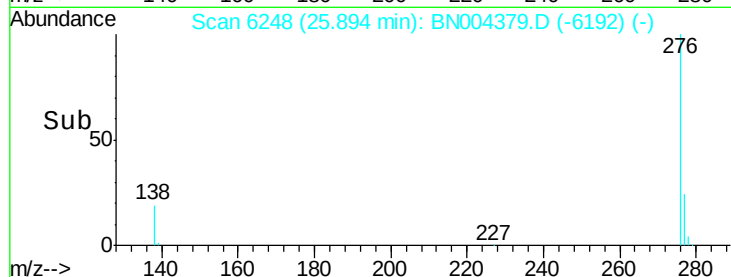
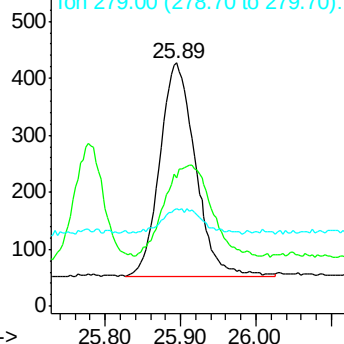


#25
Dibenzo(a,h)anthracene
Concen: 0.028 ng/ul
RT: 25.89 min Scan# 6248
Delta R.T. -0.01 min
Lab File: BN004379.D
Acq: 11 Feb 2019 15:47

Tgt Ion: 278 Resp: 1221
Ion Ratio Lower Upper
278 100
139 52.7 13.8 20.6#
279 40.3 20.4 30.6#

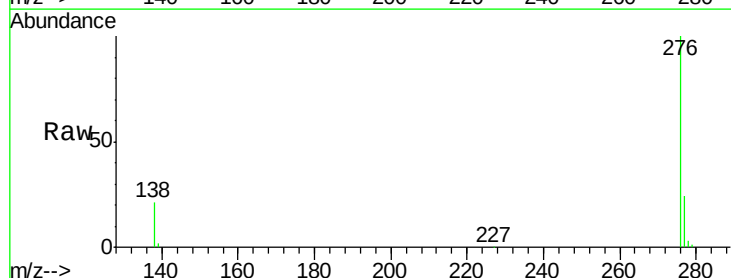


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.141 ng/ul
RT: 26.59 min Scan# 6456
Delta R.T. -0.00 min
Lab File: BN004379.D
Acq: 11 Feb 2019 15:47

Tgt Ion: 276 Resp: 55266
Ion Ratio Lower Upper
276 100
138 21.0 16.8 25.2
277 23.8 19.4 29.0



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

