

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006144.D
 Acq On : 06 Jun 2019 20:01
 Operator : JU/SJ
 Sample : K3201-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AB1

Quant Time: Jun 07 00:29:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 07 00:25:28 2019
 Response via : Initial Calibration

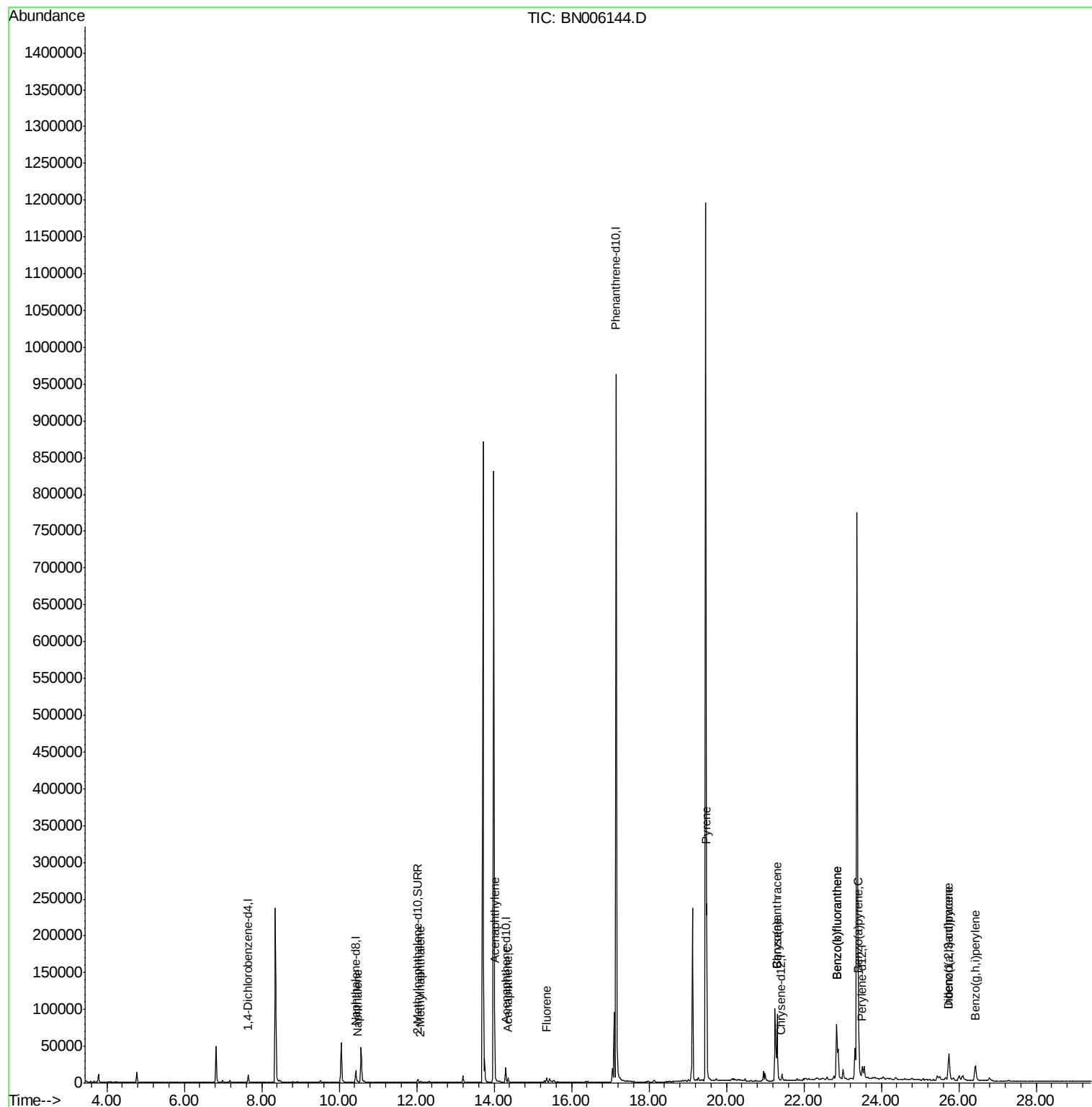
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5839	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21683	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11080	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1092393	0.40	ng/ul	0.10
16) Chrysene-d12	21.40	240	44	0.40	ng/ul	0.11
20) Perylene-d12	23.51	264	29401	0.40	ng/ul	-0.05
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	6665	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	2352	0.039	ng/ul#	87
5) 2-Methylnaphthalene	12.10	142	845	0.020	ng/ul	95
7) Acenaphthylene	14.02	152	9725	0.158	ng/ul	98
8) Acenaphthene	14.36	153	3831	0.090	ng/ul	99
9) Fluorene	15.36	166	4503	0.090	ng/ul#	96
17) Pyrene	19.49	202	179499	774.481	ng/ul	98
18) Benzo(a)anthracene	21.31	228	93681	481.389	ng/ul	96
19) Chrysene	21.31	228	90719	496.571	ng/ul	98
21) Benzo(b)fluoranthene	22.85	252	162423	1.325	ng/ul	97
22) Benzo(k)fluoranthene	22.85	252	162518	1.361	ng/ul	96
23) Benzo(a)pyrene	23.41	252	80521	0.705	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.74	276	58443	0.473	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.75	278	13919	0.141	ng/ul#	93
26) Benzo(g,h,i)perylene	26.43	276	43686	0.422	ng/ul	98

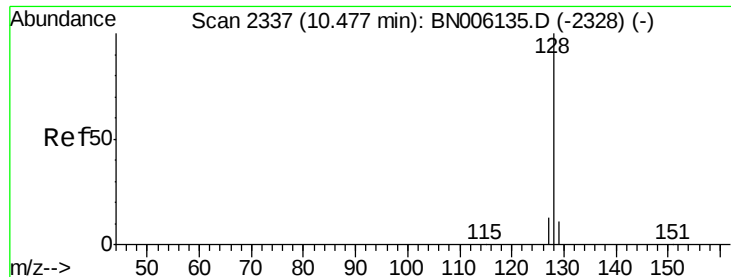
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.039 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

ClientSampleId :

C0AB1

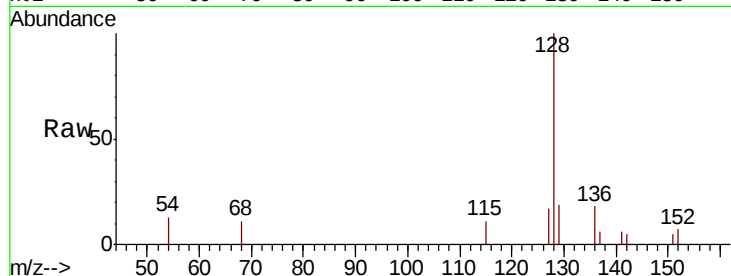
Tgt Ion:128 Resp: 2352

Ion Ratio Lower Upper

128 100

129 18.9 9.3 13.9#

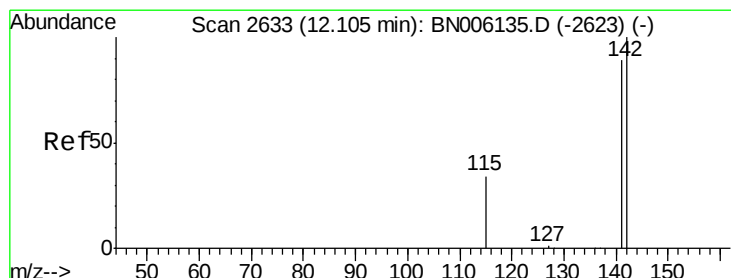
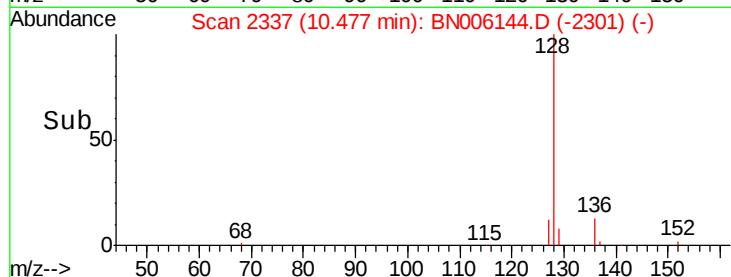
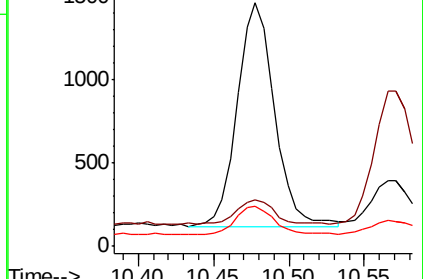
127 16.6 10.7 16.1#



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: 0.020 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.01 min

Lab File: BN006144.D

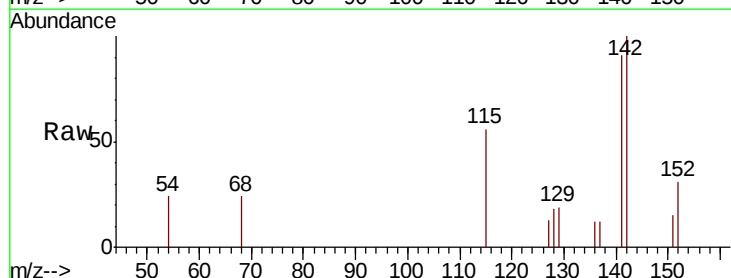
Acq: 06 Jun 2019 20:01

Tgt Ion:142 Resp: 845

Ion Ratio Lower Upper

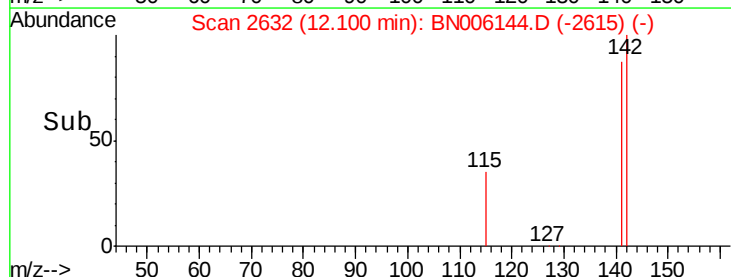
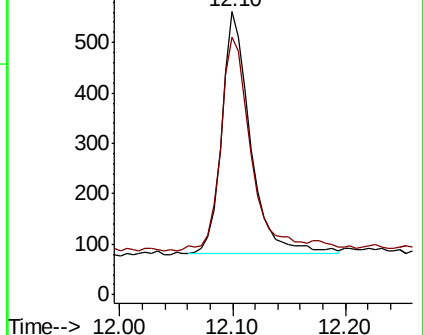
142 100

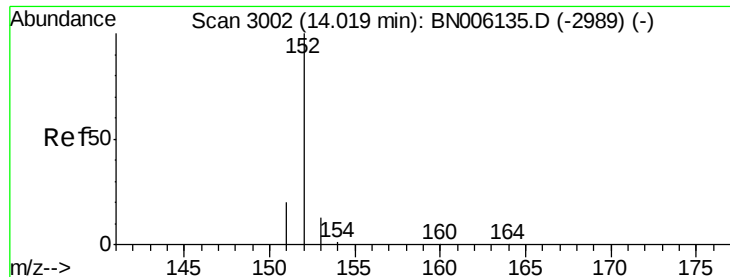
141 92.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.158 ng/ul

RT: 14.02 min Scan# 3002

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

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C0AB1

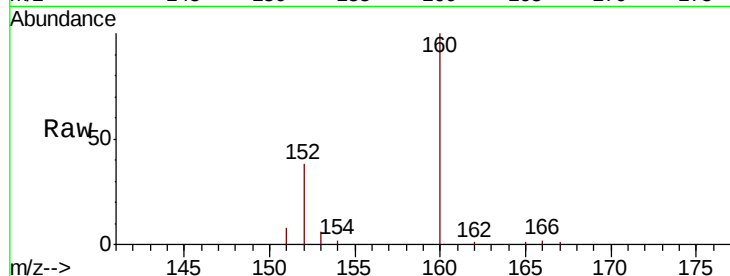
Tgt Ion:152 Resp: 9725

Ion Ratio Lower Upper

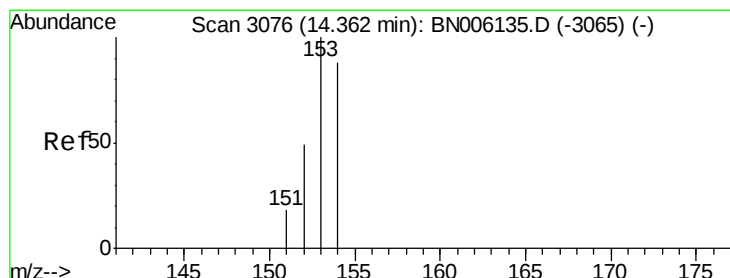
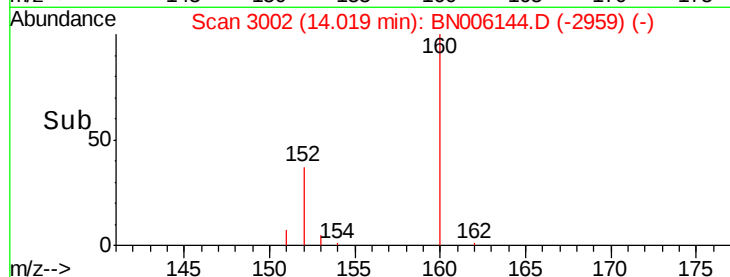
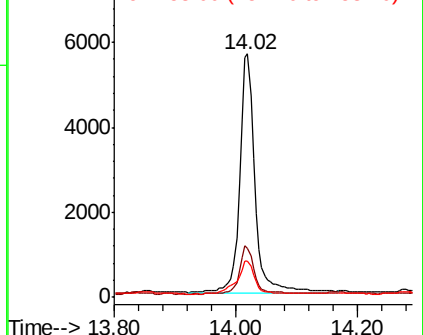
152 100

151 20.1 15.8 23.8

153 14.8 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



#8

Acenaphthene

Concen: 0.090 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. 0.00 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

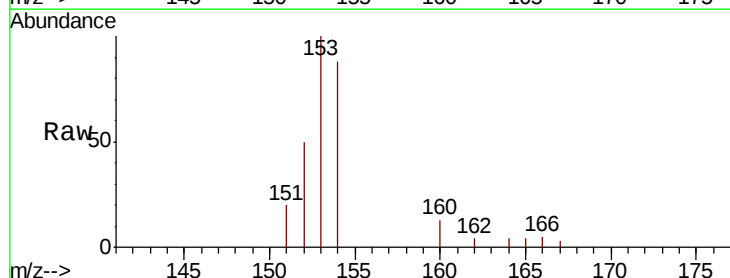
Tgt Ion:153 Resp: 3831

Ion Ratio Lower Upper

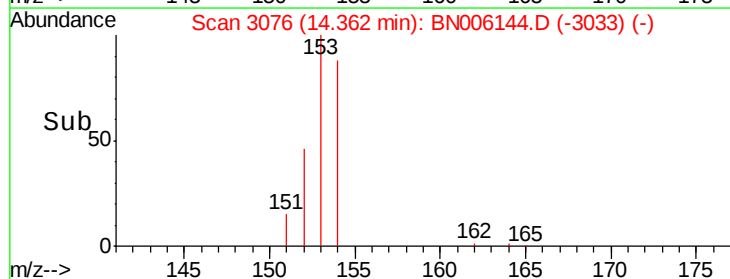
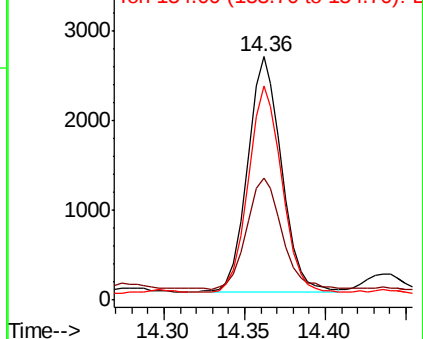
153 100

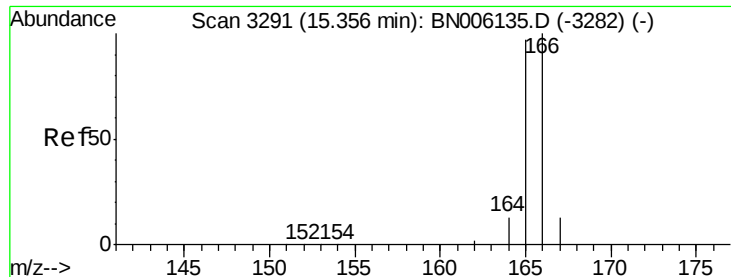
152 50.1 39.1 58.7

154 88.0 71.1 106.7



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

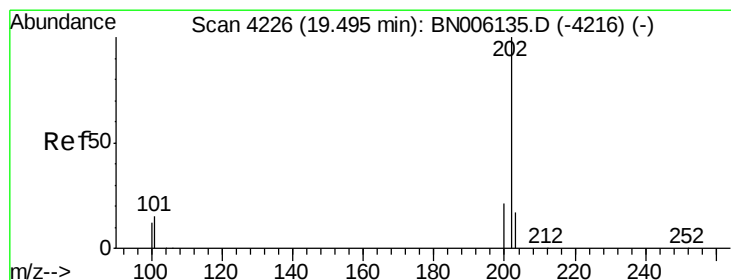
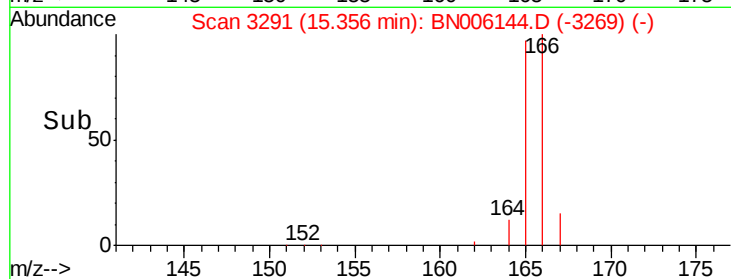
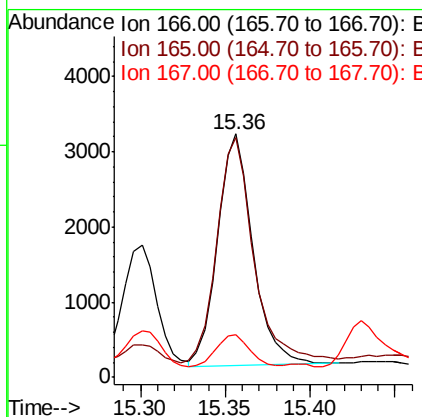
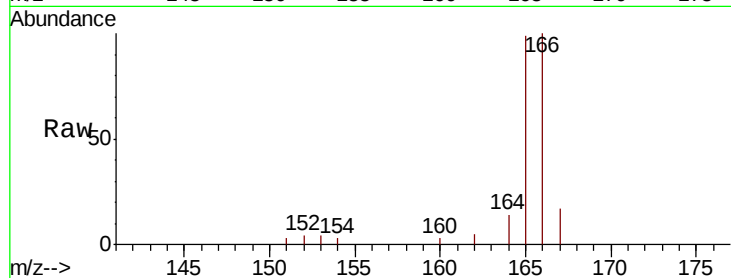




#9
Fluorene
 Concen: 0.090 ng/ul
 RT: 15.36 min Scan# 3291
 Delta R.T. 0.00 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

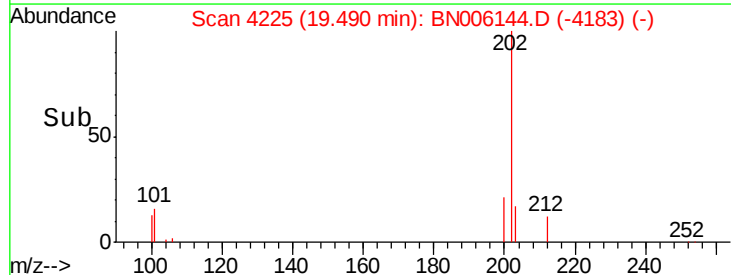
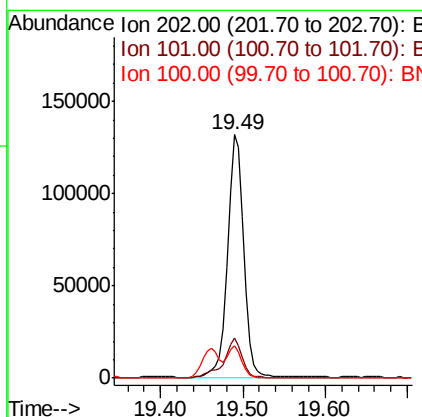
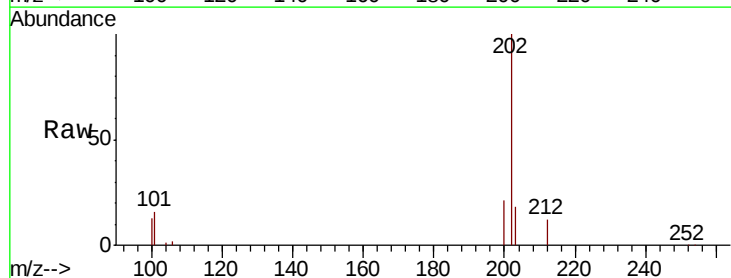
Instrument :
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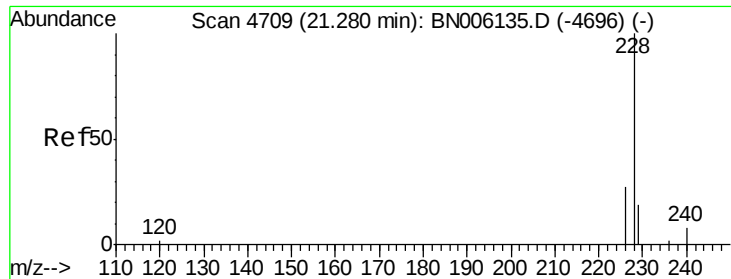
Tgt Ion:166 Resp: 4503
 Ion Ratio Lower Upper
 166 100
 165 98.5 76.4 114.6
 167 17.5 11.0 16.6#



#17
Pyrene
 Concen: 774.481 ng/ul
 RT: 19.49 min Scan# 4225
 Delta R.T. -0.00 min
 Lab File: BN006144.D
 Acq: 06 Jun 2019 20:01

Tgt Ion:202 Resp: 179499
 Ion Ratio Lower Upper
 202 100
 101 16.2 12.2 18.2
 100 13.1 9.8 14.6





#18

Benzo(a)anthracene

Concen: 481.389 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. 0.03 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

ClientSampleId :

C0AB1

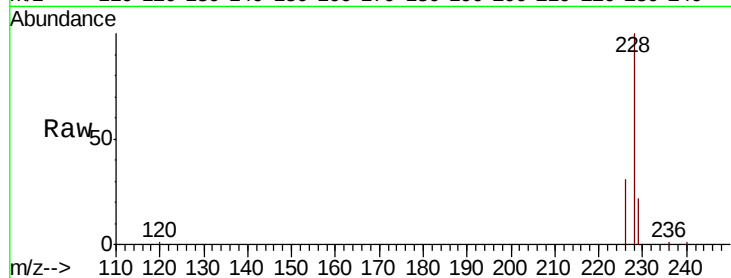
Tgt Ion:228 Resp: 93681

Ion Ratio Lower Upper

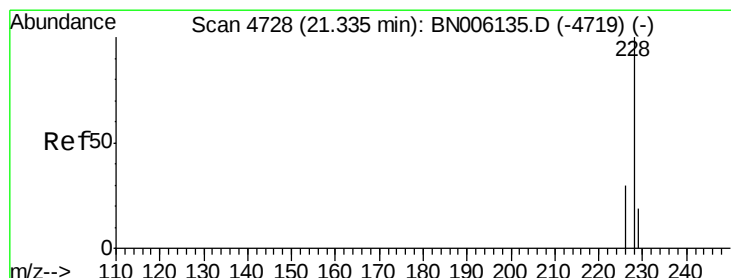
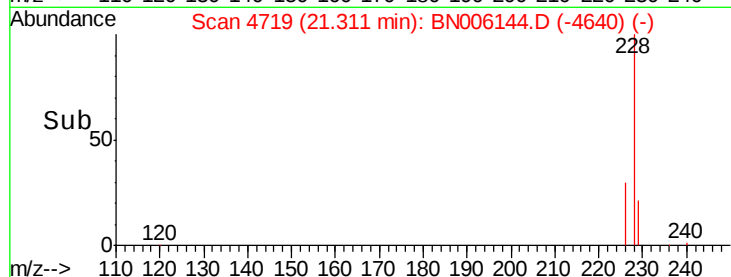
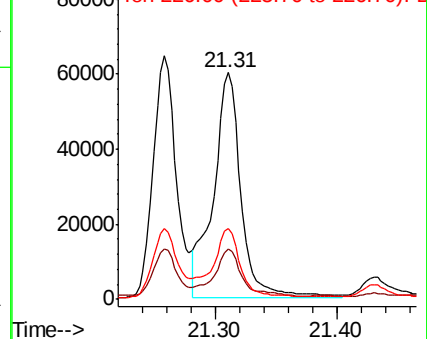
228 100

229 22.1 16.5 24.7

226 31.0 22.8 34.2



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: 496.571 ng/ul

RT: 21.31 min Scan# 4719

Delta R.T. -0.02 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

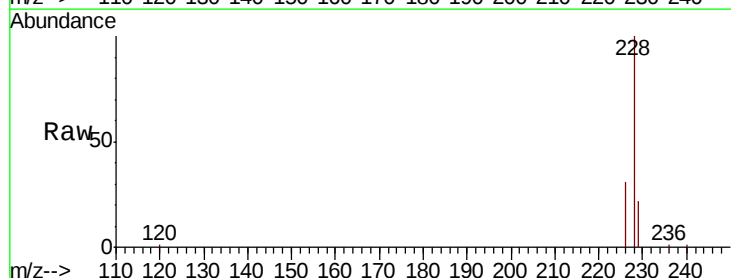
Tgt Ion:228 Resp: 90719

Ion Ratio Lower Upper

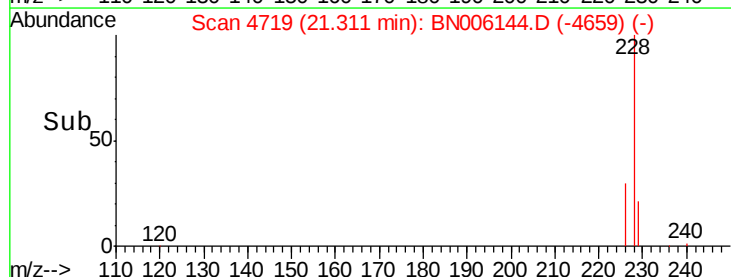
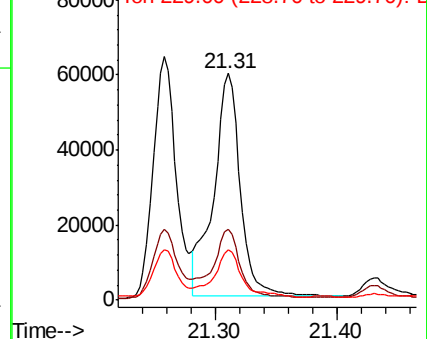
228 100

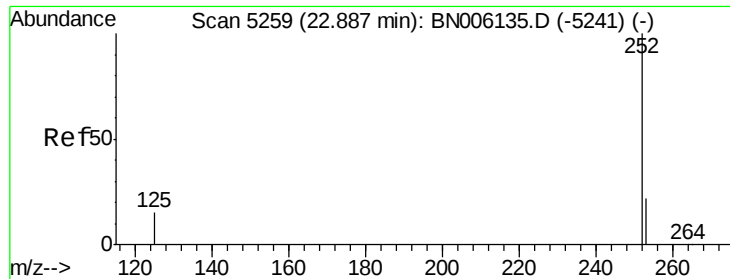
226 31.0 25.0 37.6

229 22.1 16.3 24.5



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: 1.325 ng/ul

RT: 22.85 min Scan# 5244

Delta R.T. -0.04 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

BNA_N

ClientSampleId :

C0AB1

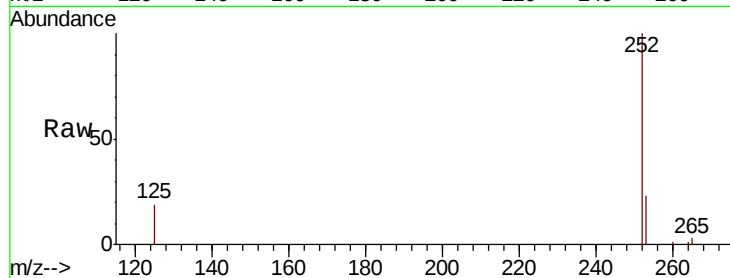
Tgt Ion:252 Resp: 162423

Ion Ratio Lower Upper

252 100

253 23.5 0.0 51.4

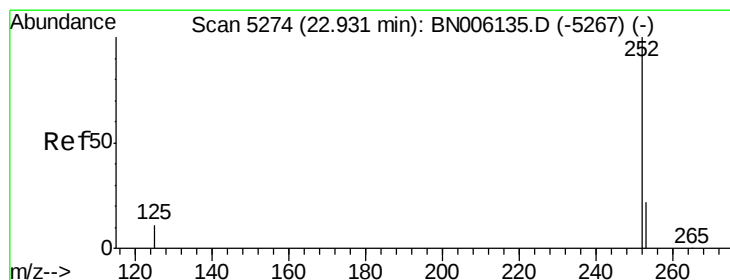
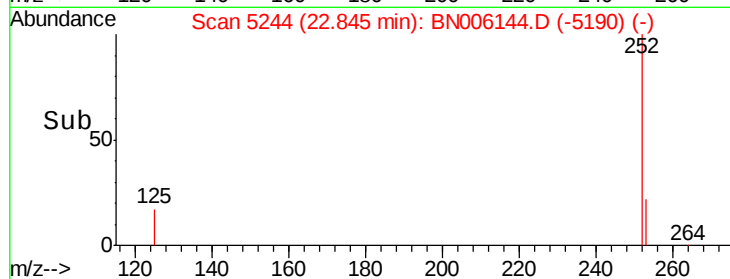
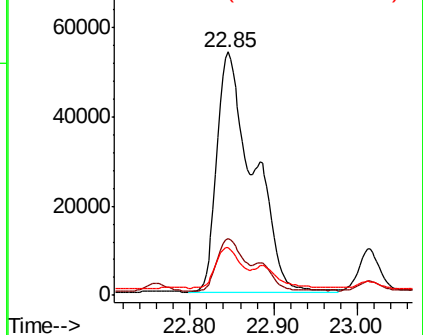
125 19.4 0.0 41.0



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: 1.361 ng/ul

RT: 22.85 min Scan# 5244

Delta R.T. -0.09 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

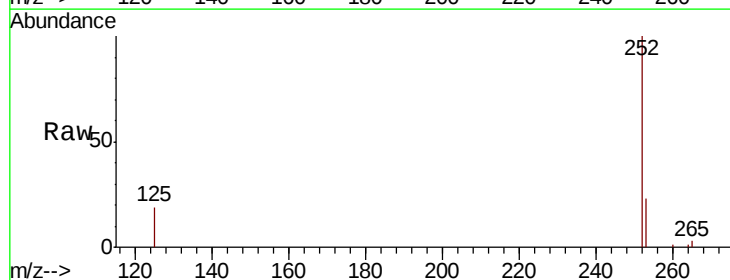
Tgt Ion:252 Resp: 162518

Ion Ratio Lower Upper

252 100

253 23.5 20.3 30.5

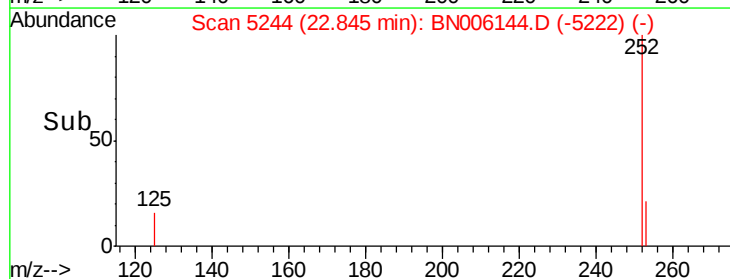
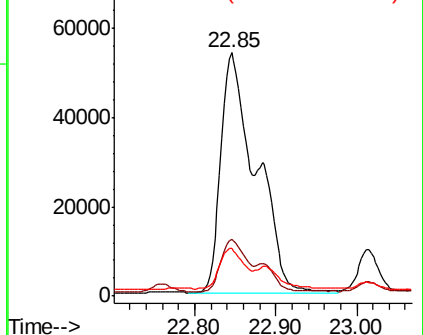
125 19.4 14.3 21.5

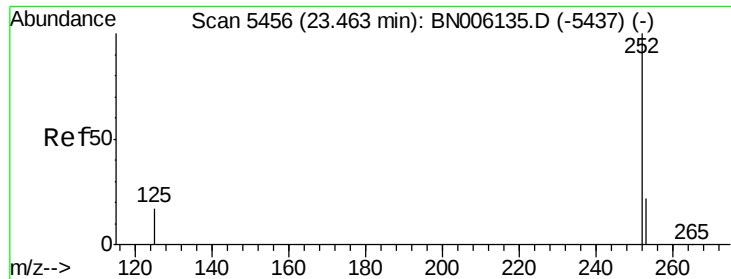


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.705 ng/u1

RT: 23.41 min Scan# 5438

Delta R.T. -0.05 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

Instrument :

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C0AB1

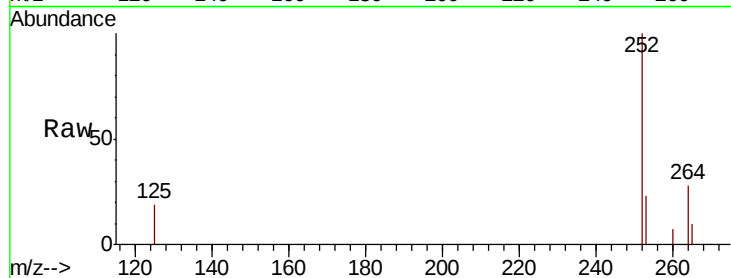
Tgt Ion:252 Resp: 80521

Ion Ratio Lower Upper

252 100

253 23.0 21.1 31.7

125 18.7 20.3 30.5#

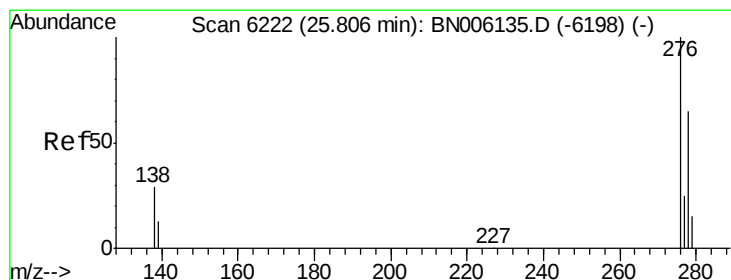
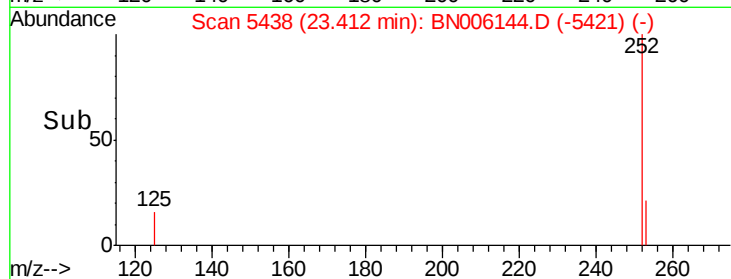
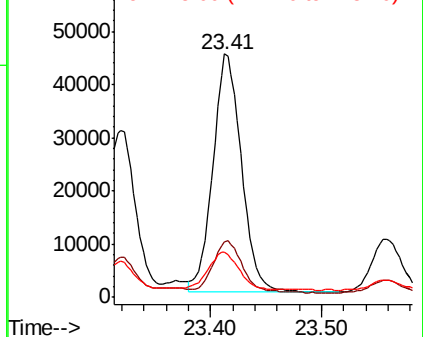


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.473 ng/u1

RT: 25.74 min Scan# 6203

Delta R.T. -0.06 min

Lab File: BN006144.D

Acq: 06 Jun 2019 20:01

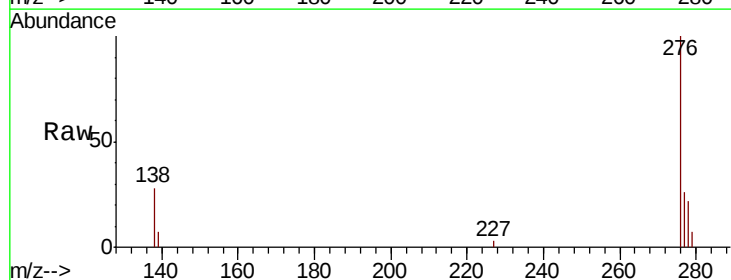
Tgt Ion:276 Resp: 58443

Ion Ratio Lower Upper

276 100

138 24.4 25.6 38.4#

227 0.6 0.3 0.5#

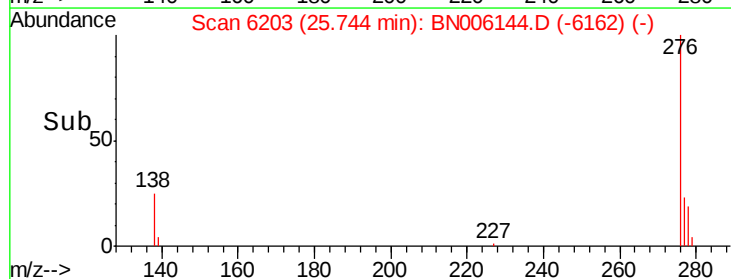
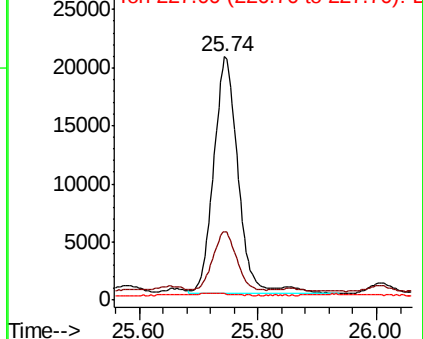


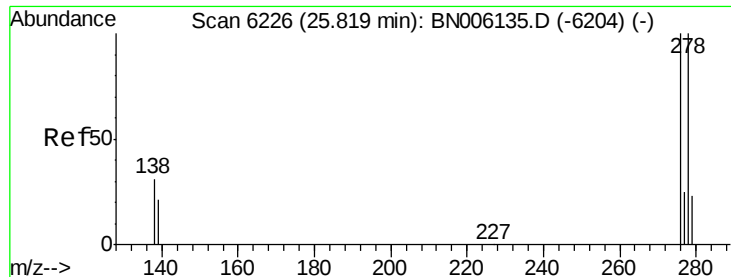
Abundance

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

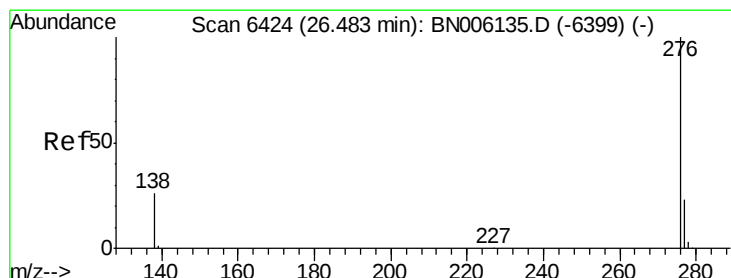
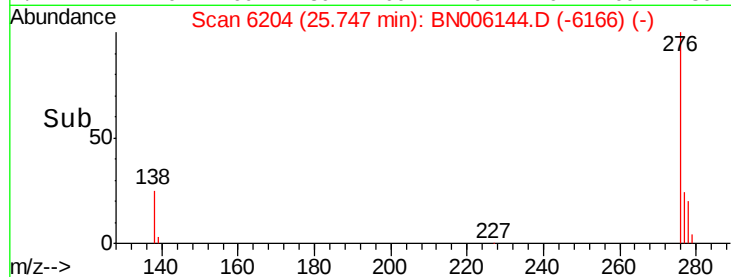
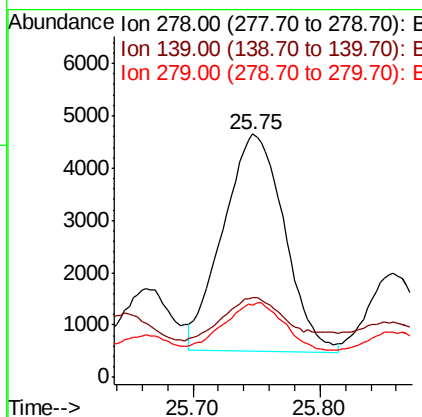
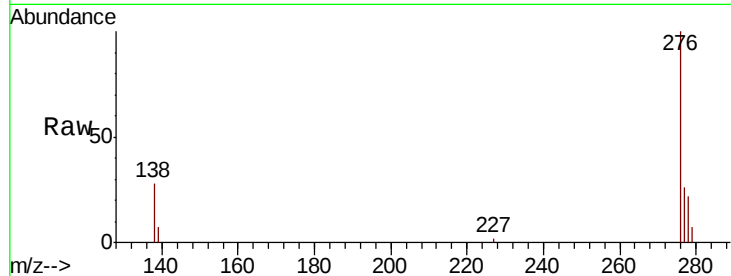




#25
Dibenzo(a,h)anthracene
Concen: 0.141 ng/ul
RT: 25.75 min Scan# 6204
Delta R.T. -0.07 min
Lab File: BN006144.D
Acq: 06 Jun 2019 20:01

Instrument :
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Tgt Ion: 278 Resp: 13919
Ion Ratio Lower Upper
278 100
139 32.7 21.2 31.8#
279 29.6 22.6 33.8



#26
Benzo(g,h,i)perylene
Concen: 0.422 ng/ul
RT: 26.43 min Scan# 6408
Delta R.T. -0.05 min
Lab File: BN006144.D
Acq: 06 Jun 2019 20:01

Tgt Ion: 276 Resp: 43686
Ion Ratio Lower Upper
276 100
138 29.4 24.2 36.4
277 25.4 21.5 32.3

