

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN060619\
 Data File : BN006150.D
 Acq On : 07 Jun 2019 00:38
 Operator : JU/SJ
 Sample : K3201-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

Quant Time: Jun 07 01:35:22 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 01:31:14 2019
 Response via : Initial Calibration

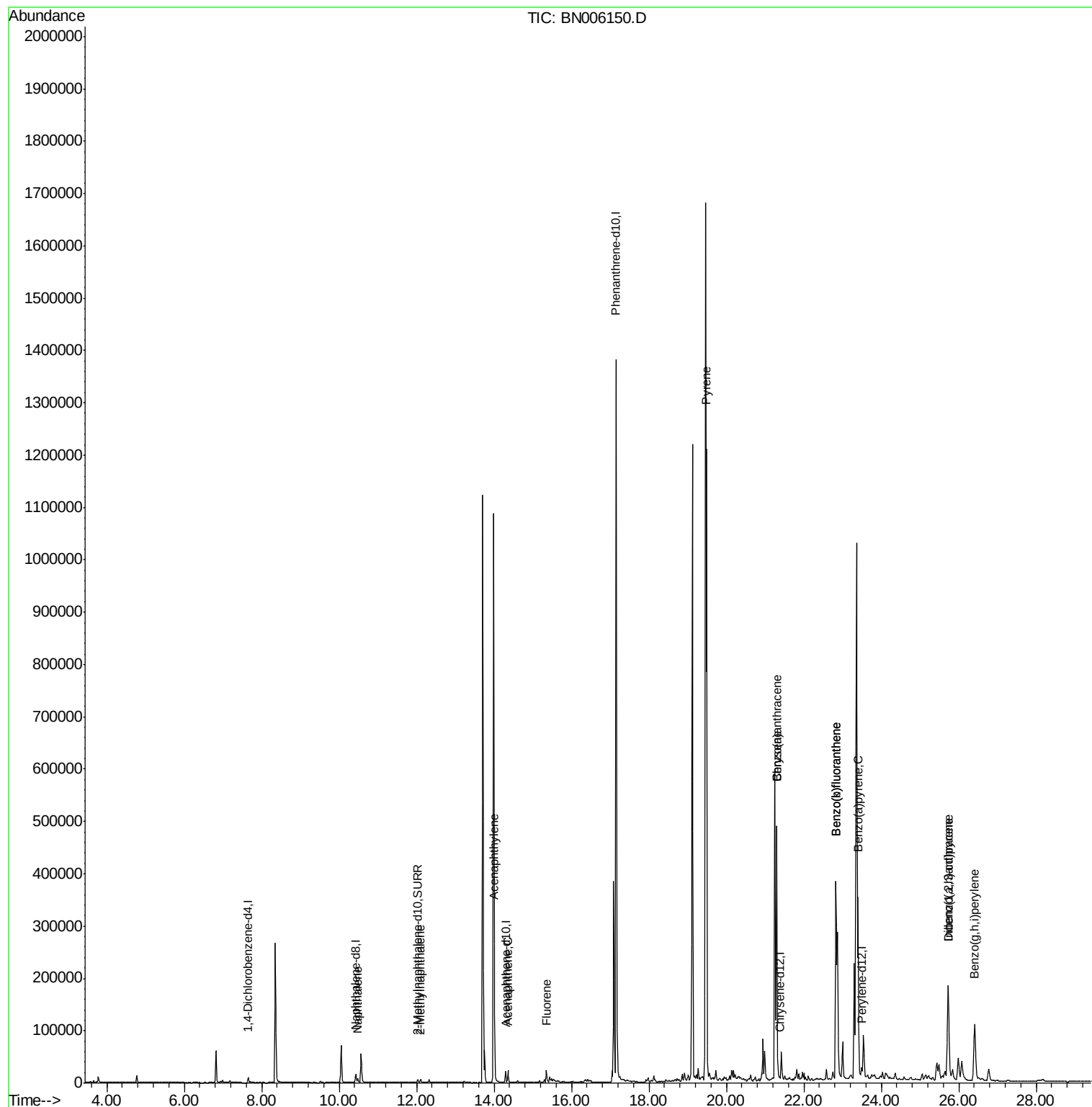
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	5827	0.40	ng/ul	0.00
2) Naphthalene-d8	10.43	136	21414	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11705	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	1498654	0.40	ng/ul	0.10
16) Chrysene-d12	21.37	240	83	0.40	ng/ul	0.11
20) Perylene-d12	23.49	264	37968	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	8807	0.27	ng/ul	0.00
14) Fluoranthene-d10	19.19	212	593	0.00	ng/ul	0.10
Target Compounds				Qvalue		
3) Naphthalene	10.48	128	9780	0.166	ng/ul	98
5) 2-Methylnaphthalene	12.10	142	4732	0.115	ng/ul	99
7) Acenaphthylene	14.01	152	45303	0.696	ng/ul	100
8) Acenaphthene	14.36	153	12972	0.287	ng/ul	99
9) Fluorene	15.35	166	15026	0.285	ng/ul#	97
17) Pyrene	19.49	202	957392	2189.844	ng/ul	98
18) Benzo(a)anthracene	21.30	228	512193	1395.252	ng/ul	96
19) Chrysene	21.30	228	512229	1486.352	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	821746	5.191	ng/ul	92
22) Benzo(k)fluoranthene	22.83	252	821463	5.327	ng/ul	95
23) Benzo(a)pyrene	23.40	252	429078	2.910	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.73	276	285344	1.788	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.73	278	75213	0.589	ng/ul	96
26) Benzo(g,h,i)perylene	26.41	276	230088	1.721	ng/ul	94

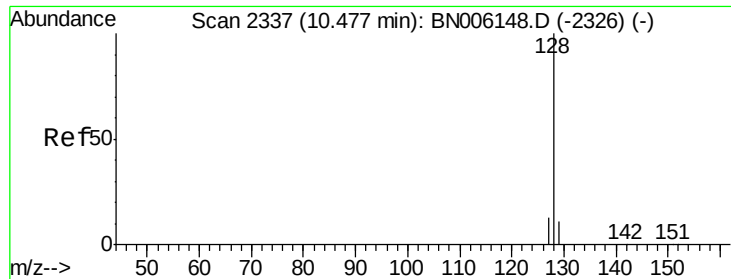
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.166 ng/ul

RT: 10.48 min Scan# 2337

Delta R.T. -0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

Instrument :

BNA_N

ClientSampleId :

C0AC1

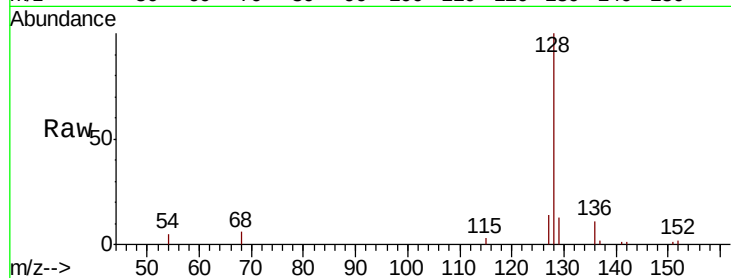
Tgt Ion:128 Resp: 9780

Ion Ratio Lower Upper

128 100

129 13.1 9.3 13.9

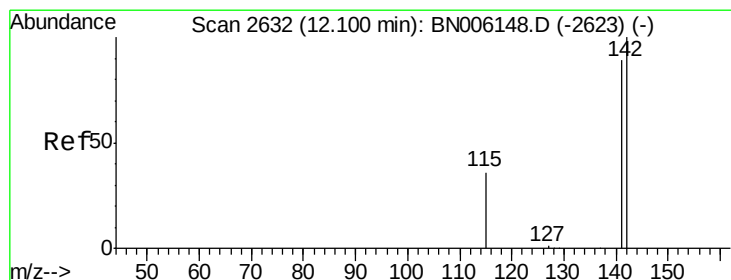
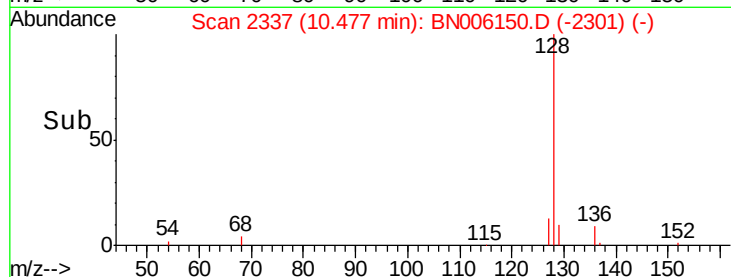
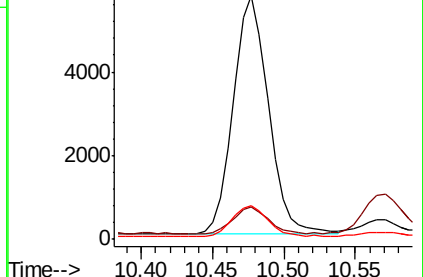
127 13.8 10.7 16.1



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: 0.115 ng/ul

RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

Lab File: BN006150.D

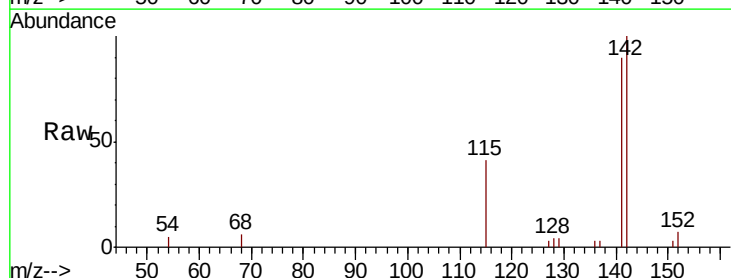
Acq: 07 Jun 2019 00:38

Tgt Ion:142 Resp: 4732

Ion Ratio Lower Upper

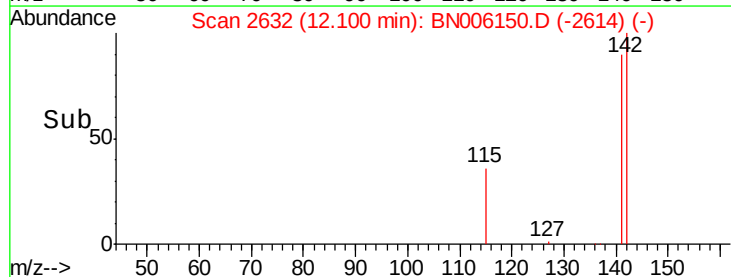
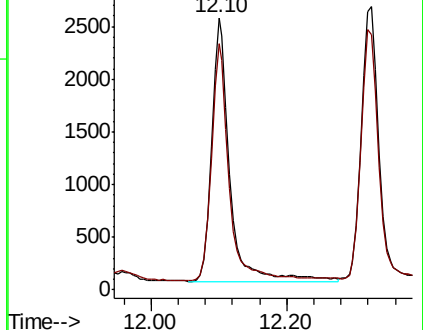
142 100

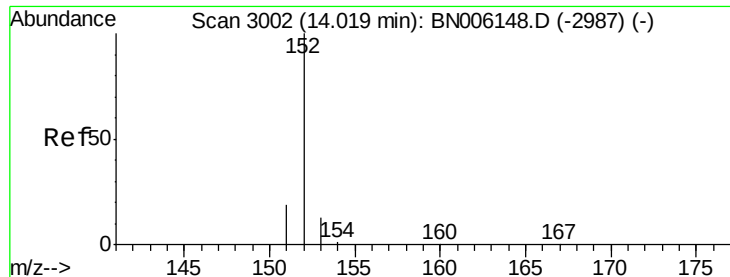
141 88.9 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.696 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

Instrument :

BNA_N

ClientSampleId :

C0AC1

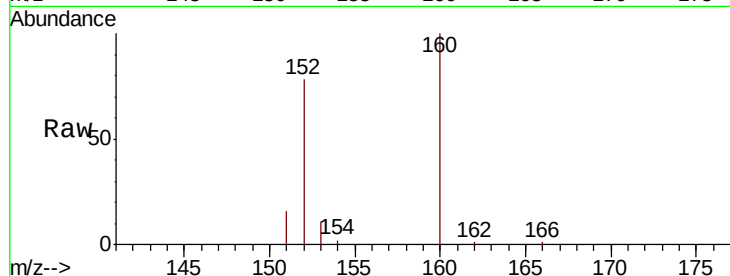
Tgt Ion:152 Resp: 45303

Ion Ratio Lower Upper

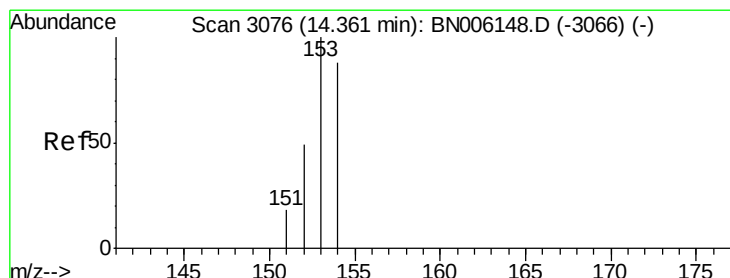
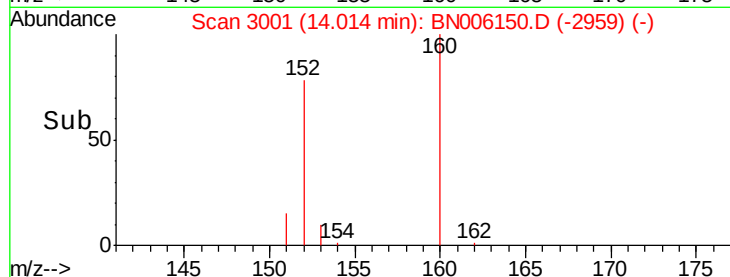
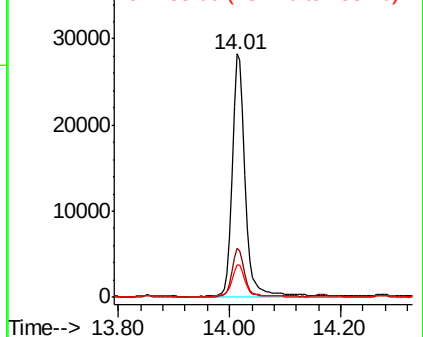
152 100

151 20.0 15.8 23.8

153 13.5 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



#8

Acenaphthene

Concen: 0.287 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

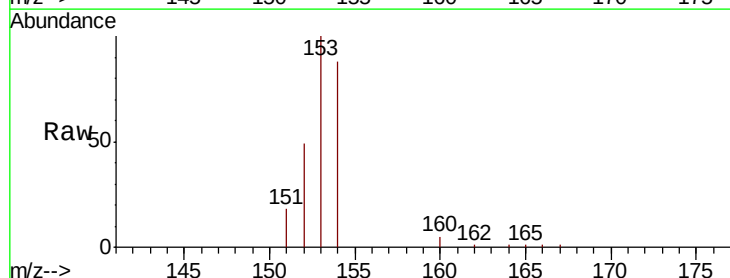
Tgt Ion:153 Resp: 12972

Ion Ratio Lower Upper

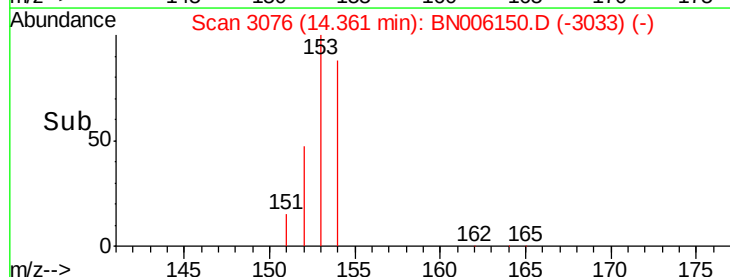
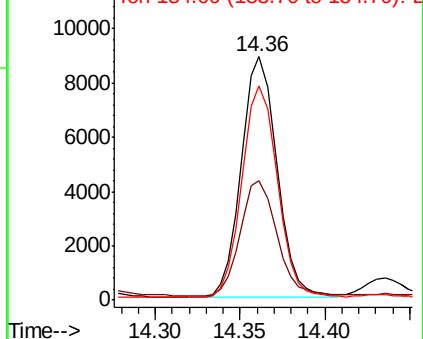
153 100

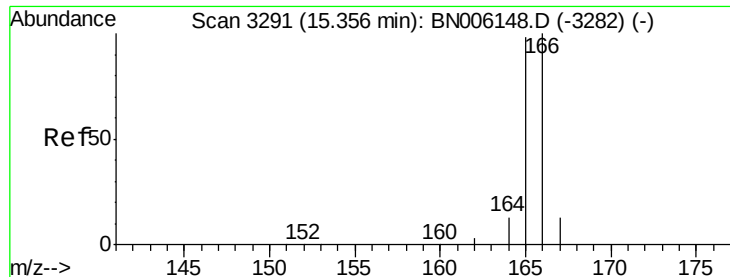
152 49.0 39.1 58.7

154 88.2 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

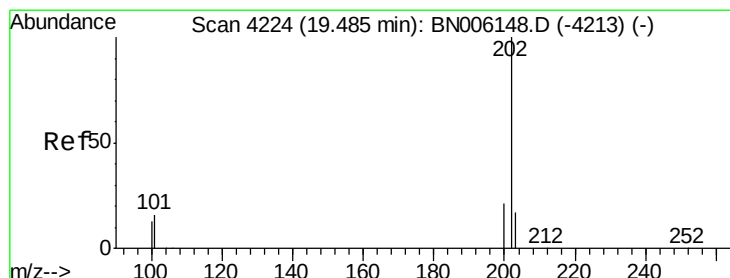
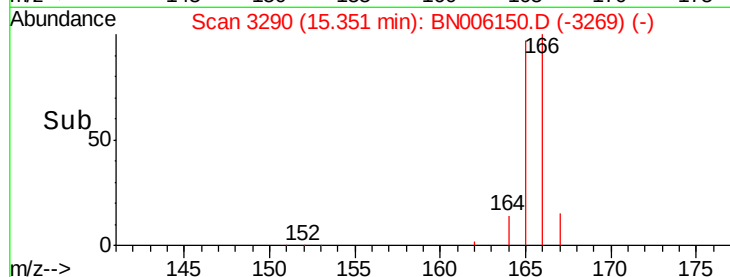
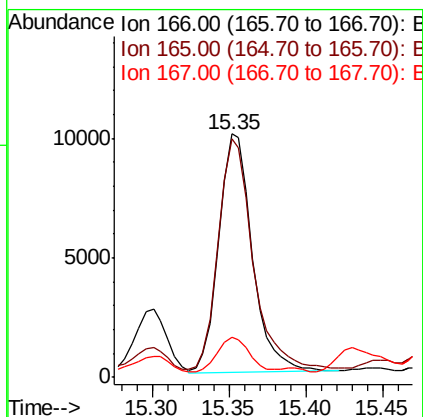
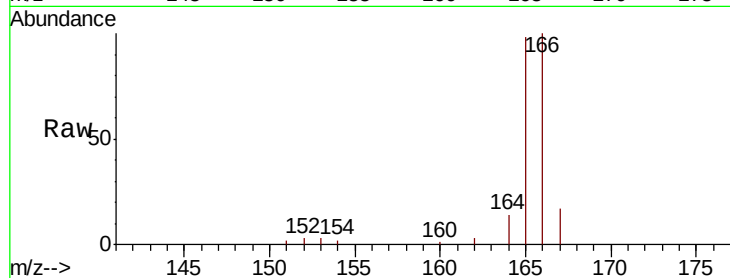




#9
Fluorene
 Concen: 0.285 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006150.D
 Acq: 07 Jun 2019 00:38

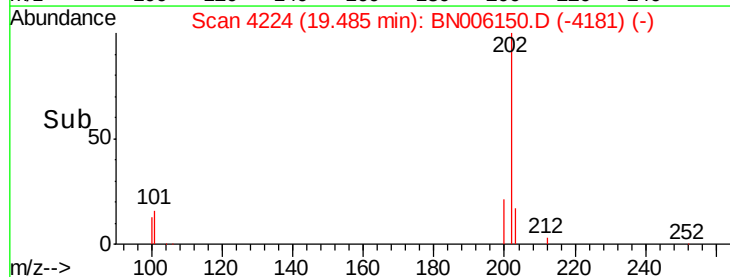
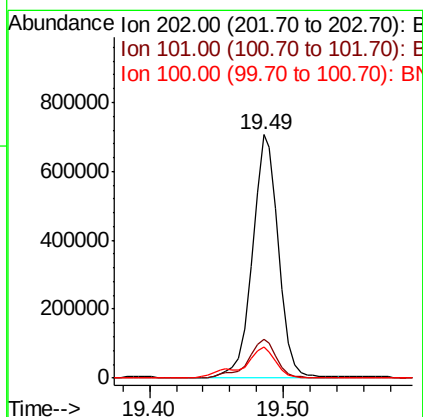
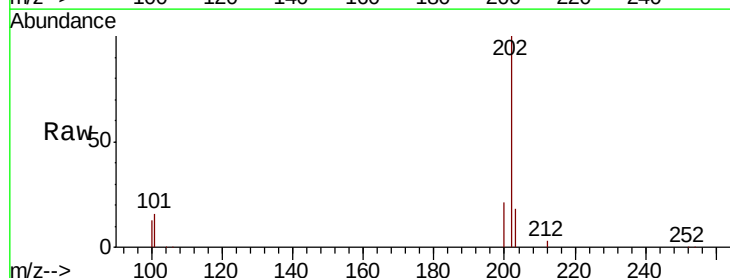
Instrument :
 BNA_N
 ClientSampleId :
 C0AC1

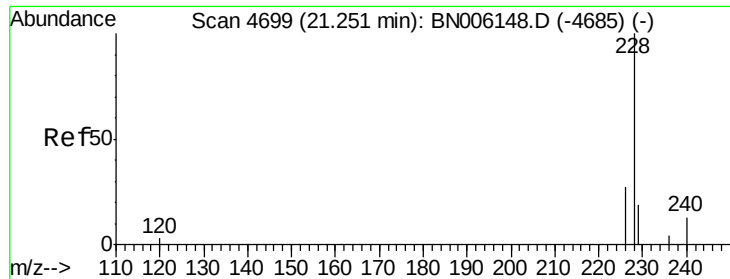
Tgt Ion:166 Resp: 15026
 Ion Ratio Lower Upper
 166 100
 165 98.1 76.4 114.6
 167 16.7 11.0 16.6#



#17
Pyrene
 Concen: 2189.844 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006150.D
 Acq: 07 Jun 2019 00:38

Tgt Ion:202 Resp: 957392
 Ion Ratio Lower Upper
 202 100
 101 16.2 12.2 18.2
 100 12.8 9.8 14.6





#18

Benzo(a)anthracene

Concen: 1395.252 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. 0.05 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

Instrument :

BNA_N

ClientSampleId :

C0AC1

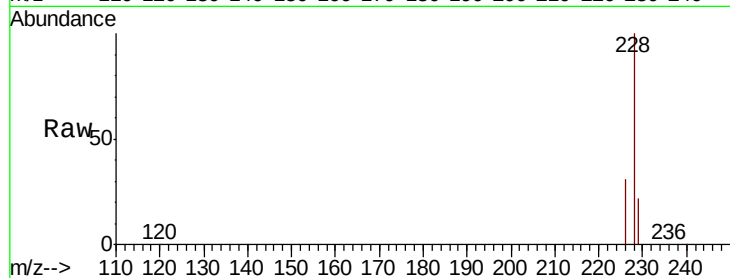
Tgt Ion:228 Resp: 512193

Ion Ratio Lower Upper

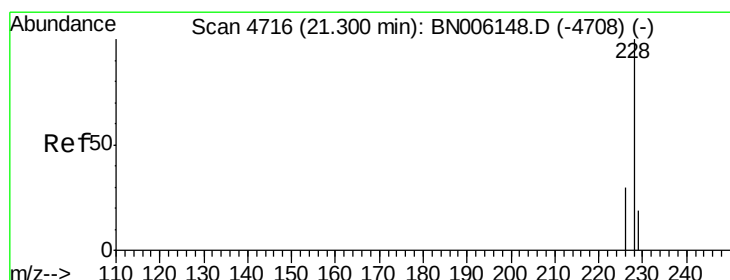
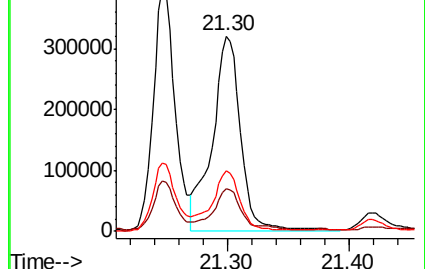
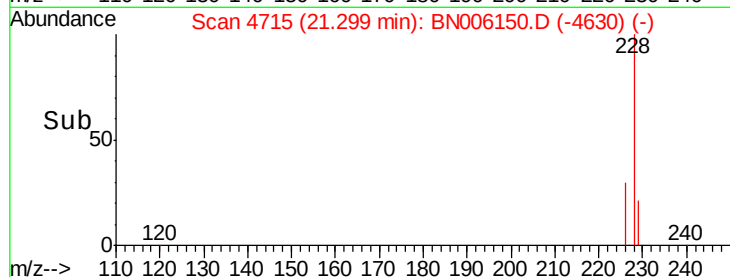
228 100

229 21.8 16.5 24.7

226 30.8 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: 1486.352 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

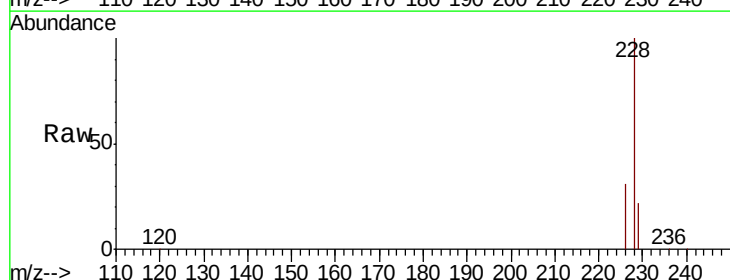
Tgt Ion:228 Resp: 512229

Ion Ratio Lower Upper

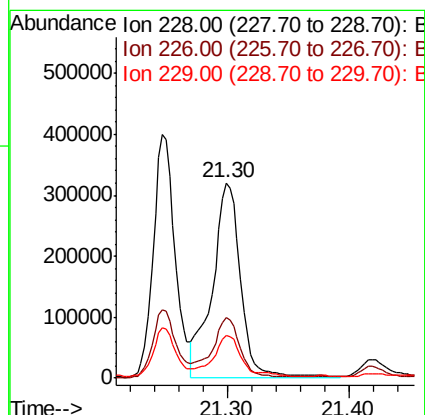
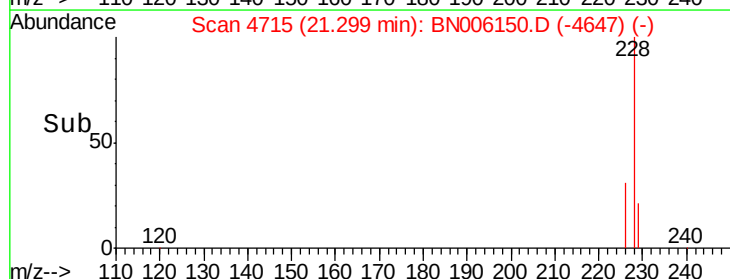
228 100

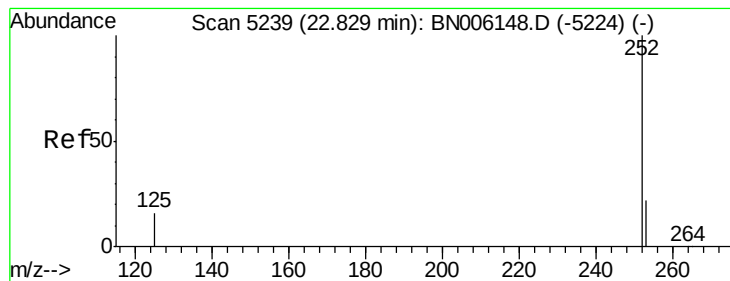
226 30.8 25.0 37.6

229 21.8 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: 5.191 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. 0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

Instrument :

BNA_N

ClientSampleId :

C0AC1

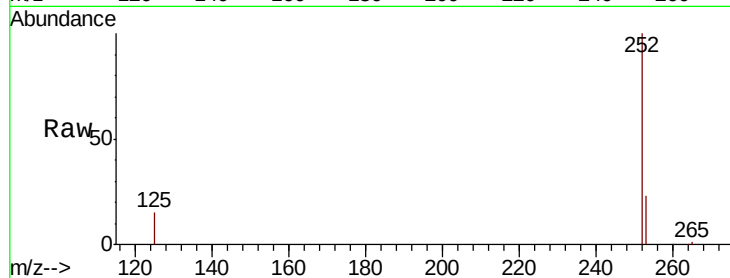
Tgt Ion:252 Resp: 821746

Ion Ratio Lower Upper

252 100

253 22.9 0.0 51.4

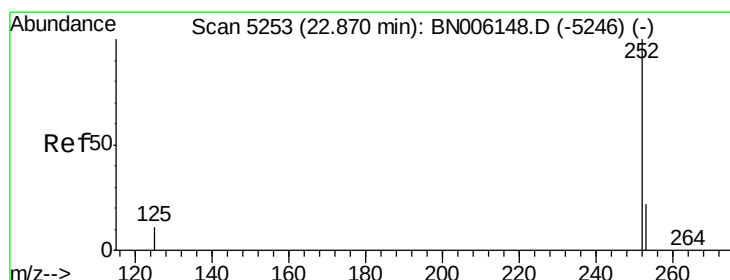
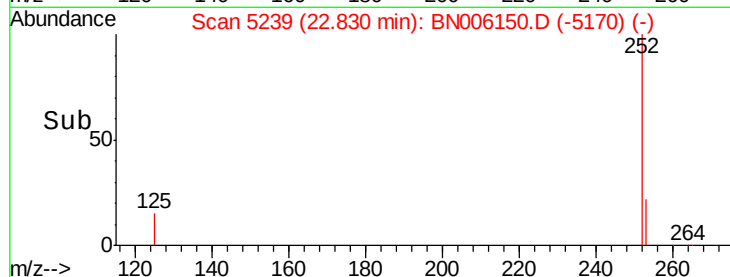
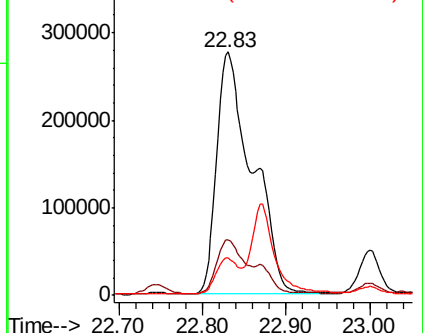
125 15.3 0.0 41.0



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: 5.327 ng/ul

RT: 22.83 min Scan# 5239

Delta R.T. -0.04 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

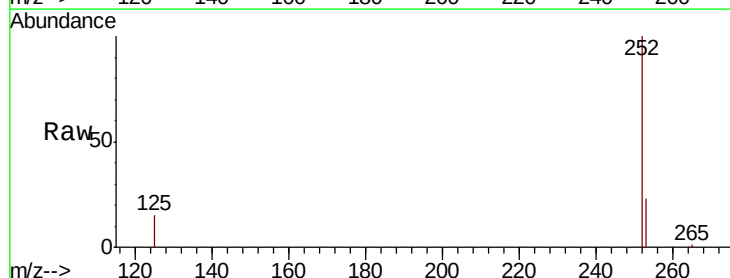
Tgt Ion:252 Resp: 821463

Ion Ratio Lower Upper

252 100

253 22.9 20.3 30.5

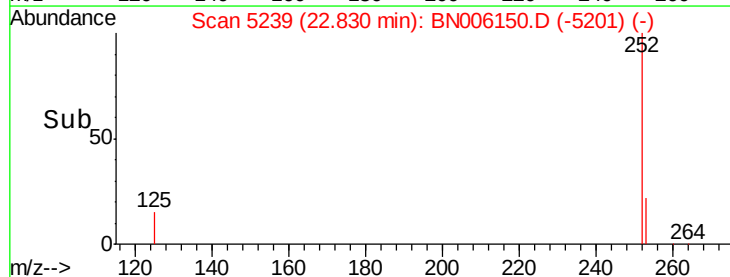
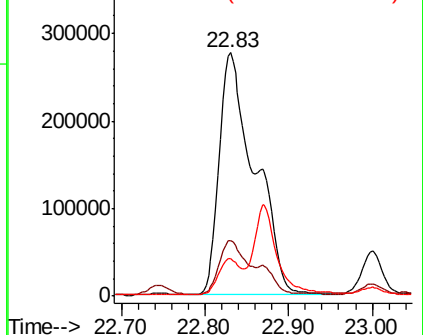
125 15.3 14.3 21.5

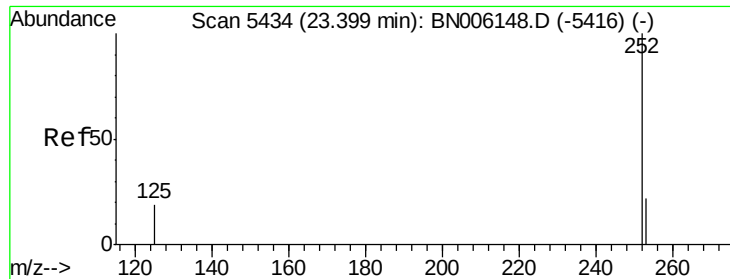


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 2.910 ng/ul

RT: 23.40 min Scan# 5434

Delta R.T. 0.00 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

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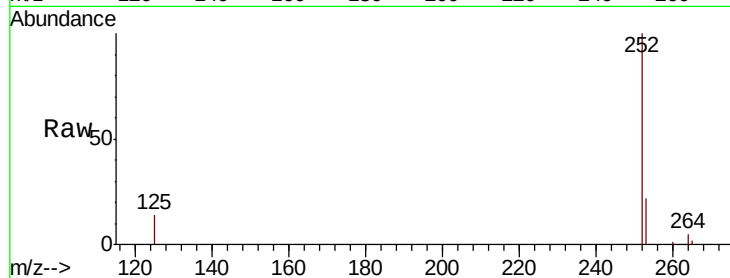
Tgt Ion:252 Resp: 429078

Ion Ratio Lower Upper

252 100

253 22.3 21.1 31.7

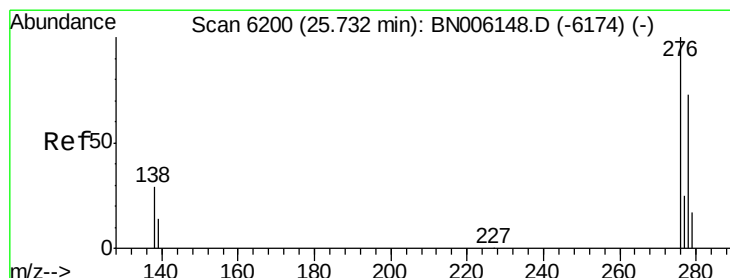
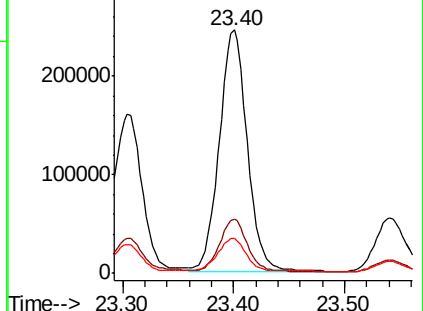
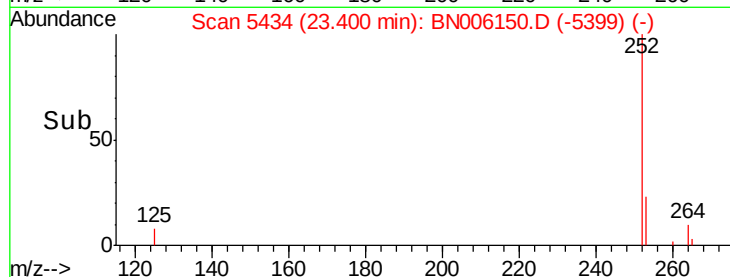
125 14.2 20.3 30.5#



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: 1.788 ng/ul

RT: 25.73 min Scan# 6198

Delta R.T. -0.01 min

Lab File: BN006150.D

Acq: 07 Jun 2019 00:38

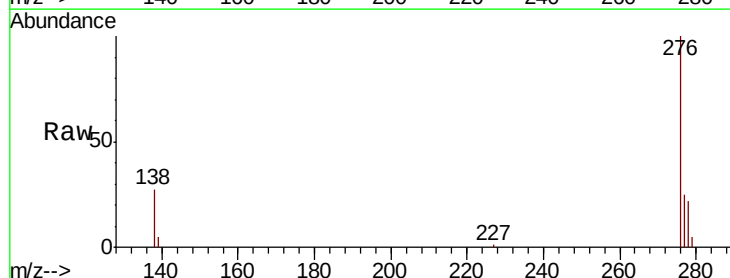
Tgt Ion:276 Resp: 285344

Ion Ratio Lower Upper

276 100

138 28.9 25.6 38.4

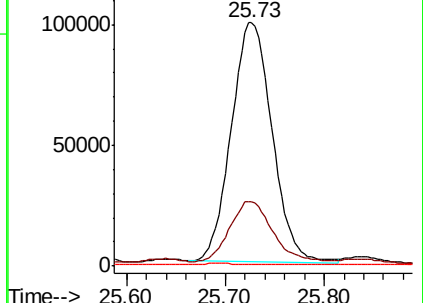
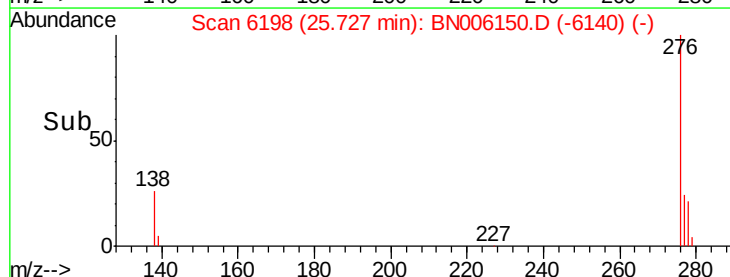
227 0.0 0.3 0.5#

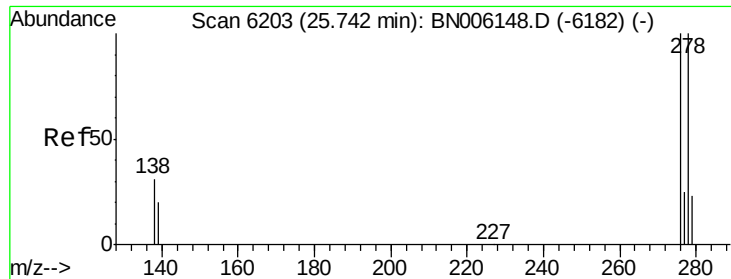


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



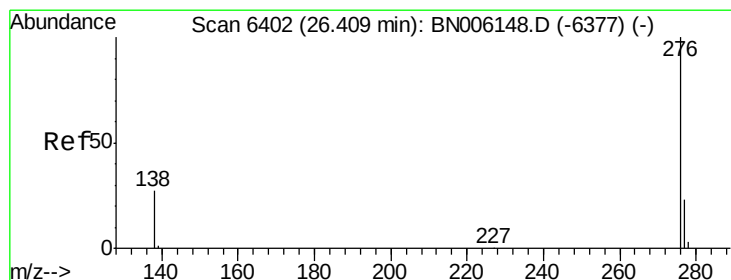
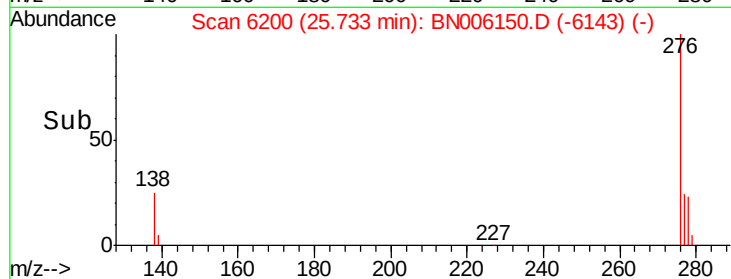
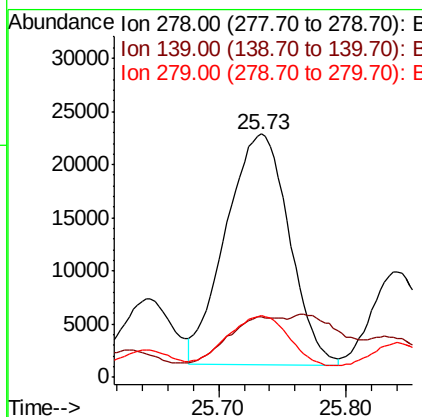
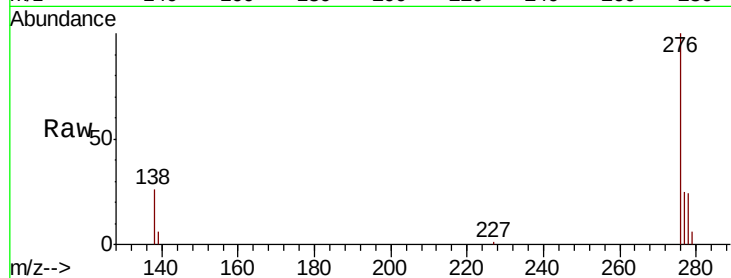


#25
Dibenzo(a,h)anthracene
Concen: 0.589 ng/ul
RT: 25.73 min Scan# 6200
Delta R.T. -0.01 min
Lab File: BN006150.D
Acq: 07 Jun 2019 00:38

Instrument :
BNA_N
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Tgt Ion: 278 Resp: 75213

Ion	Ratio	Lower	Upper
278	100		
139	25.1	21.2	31.8
279	25.3	22.6	33.8



#26
Benzo(g,h,i)perylene
Concen: 1.721 ng/ul
RT: 26.41 min Scan# 6402
Delta R.T. 0.00 min
Lab File: BN006150.D
Acq: 07 Jun 2019 00:38

Tgt Ion: 276 Resp: 230088

Ion	Ratio	Lower	Upper
276	100		
138	27.0	24.2	36.4
277	24.2	21.5	32.3

