

Data File : BN006205.D
Acq On : 09 Jun 2019 00:15
Operator : JU/SJ
Sample : K3017-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A51E2

Quant Time: Jun 09 05:15:47 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5436	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	20265	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	10947	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.15	188	911606	0.40	ng/ul	0.10
16) Chrysene-d12	21.42	240	99	0.40	ng/ul	0.16
20) Perylene-d12	23.49	264	21127	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	6154	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.18	212	212	0.00	ng/ul	0.09

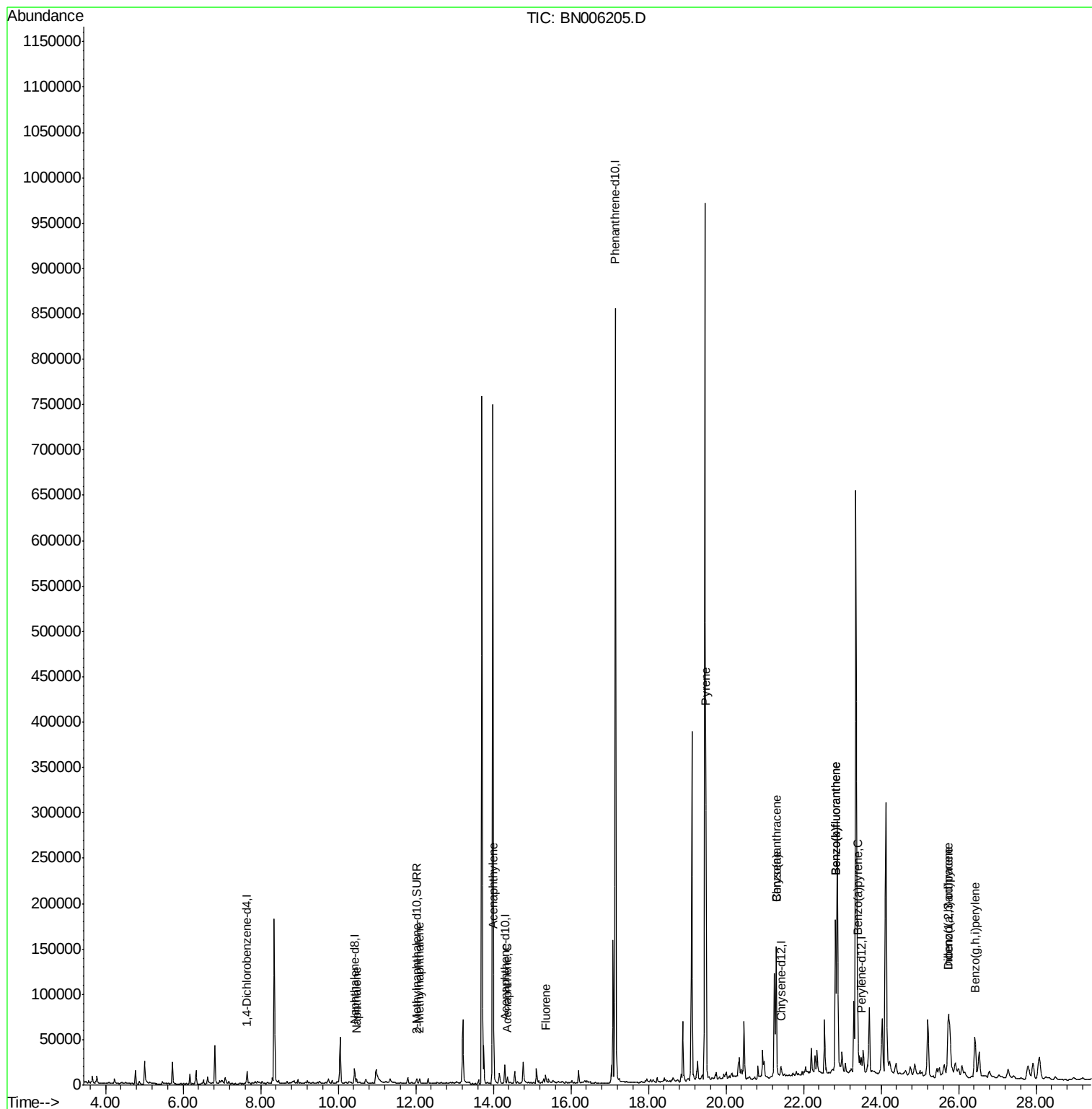
Target Compounds				Qvalue		
3) Naphthalene	10.47	128	7465	0.133	ng/ul	96
5) 2-Methylnaphthalene	12.09	142	4020	0.103	ng/ul	100
7) Acenaphthylene	14.01	152	26256	0.431	ng/ul	99
8) Acenaphthene	14.36	153	2936	0.070	ng/ul#	87
9) Fluorene	15.35	166	6652	0.135	ng/ul#	96
17) Pyrene	19.49	202	285301	547.104	ng/ul	100
18) Benzo(a)anthracene	21.30	228	152958	349.329	ng/ul	97
19) Chrysene	21.30	228	150522	366.185	ng/ul	97
21) Benzo(b)fluoranthene	22.83	252	236458	2.684	ng/ul#	13
22) Benzo(k)fluoranthene	22.83	252	236458	2.756	ng/ul#	12
23) Benzo(a)pyrene	23.40	252	122309	1.491	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.73	276	104345	1.175	ng/ul#	43
25) Dibenzo(a,h)anthracene	25.74	278	22649	0.319	ng/ul#	7
26) Benzo(g,h,i)perylene	26.42	276	102483	1.378	ng/ul	98

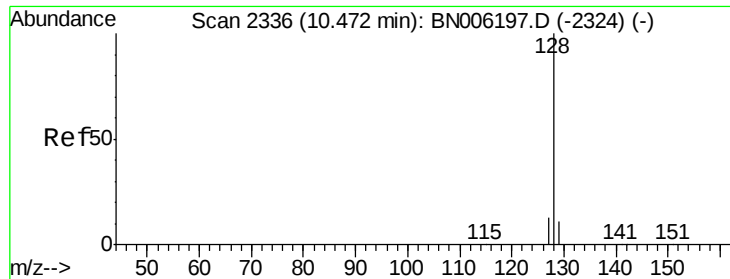
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.133 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

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ClientSampleId :

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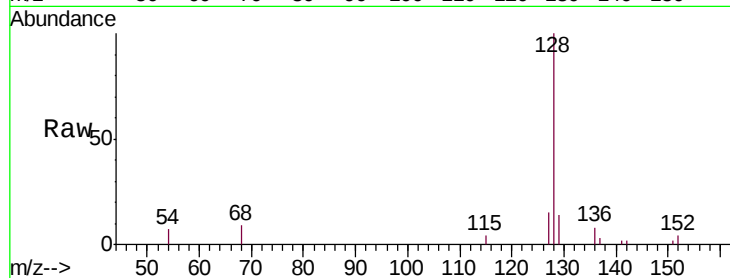
Tgt Ion:128 Resp: 7465

Ion Ratio Lower Upper

128 100

129 13.6 9.3 13.9

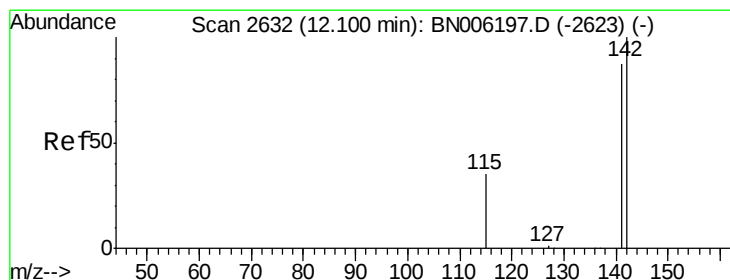
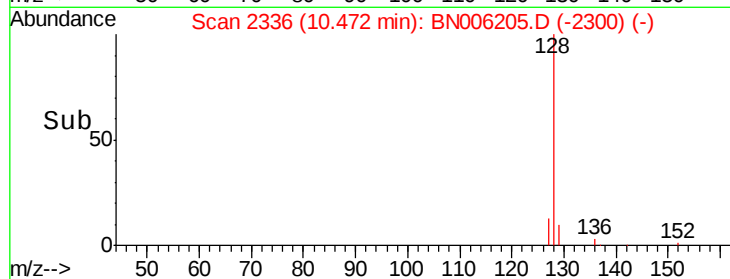
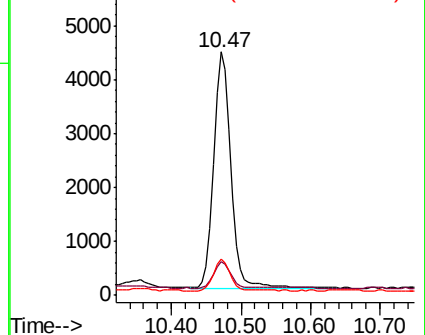
127 14.8 10.7 16.1



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: 0.103 ng/ul

RT: 12.09 min Scan# 2631

Delta R.T. -0.01 min

Lab File: BN006205.D

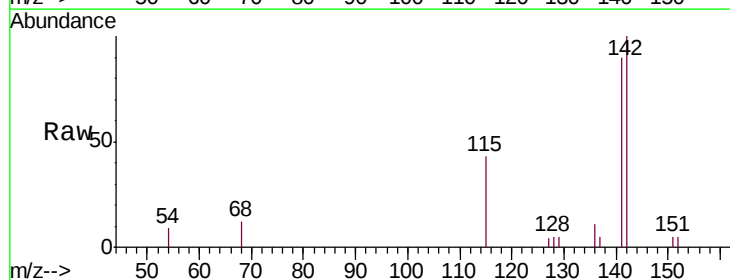
Acq: 09 Jun 2019 00:15

Tgt Ion:142 Resp: 4020

Ion Ratio Lower Upper

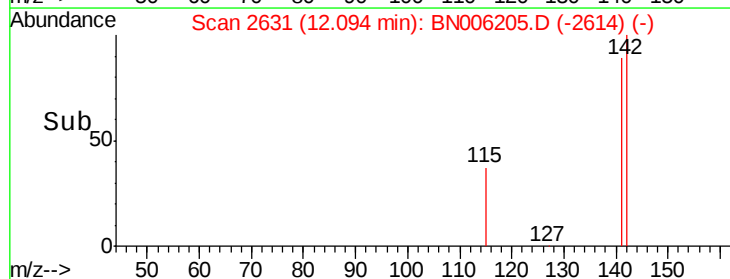
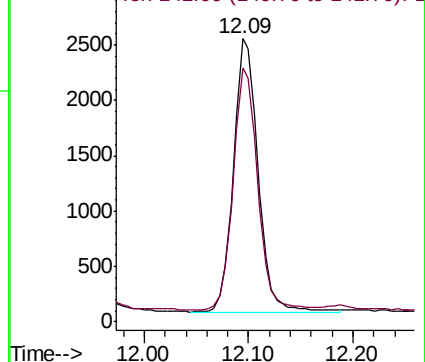
142 100

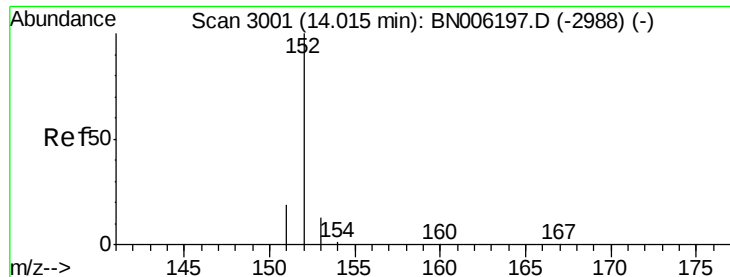
141 88.0 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.431 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

Instrument :

BNA_N

ClientSampleId :

A51E2

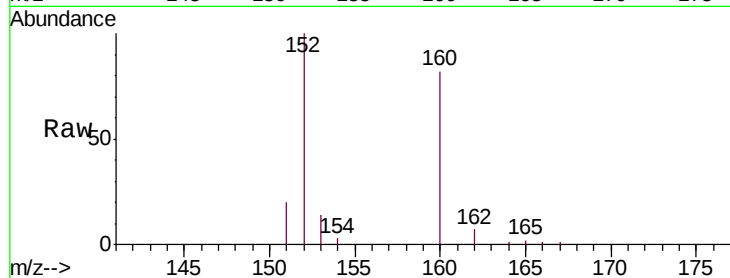
Tgt Ion:152 Resp: 26256

Ion Ratio Lower Upper

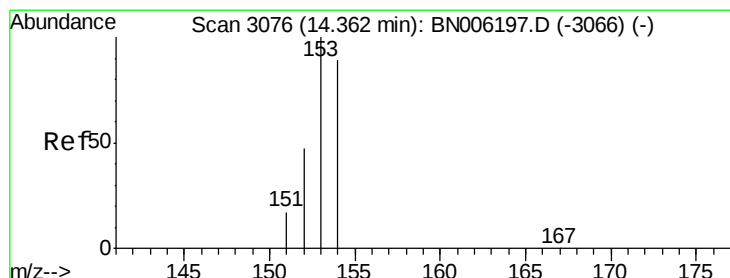
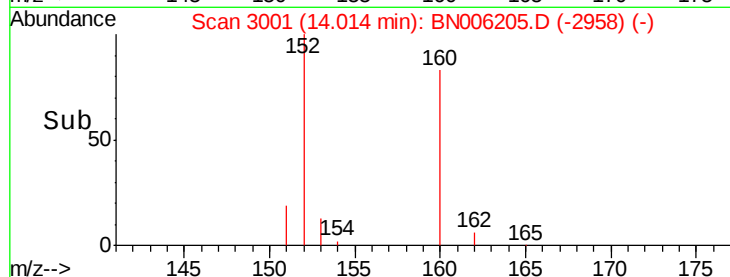
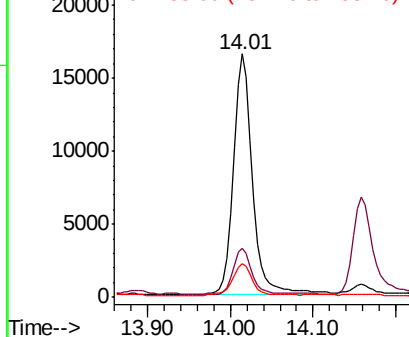
152 100

151 20.3 15.8 23.8

153 14.0 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: 0.070 ng/ul

RT: 14.36 min Scan# 3076

Delta R.T. -0.00 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

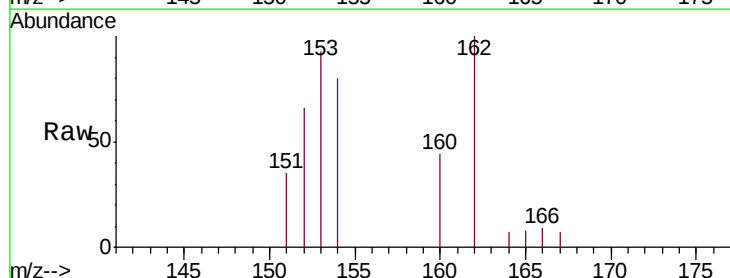
Tgt Ion:153 Resp: 2936

Ion Ratio Lower Upper

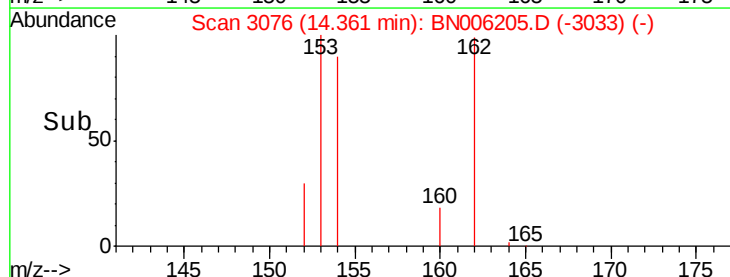
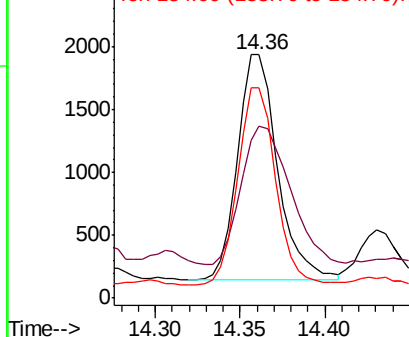
153 100

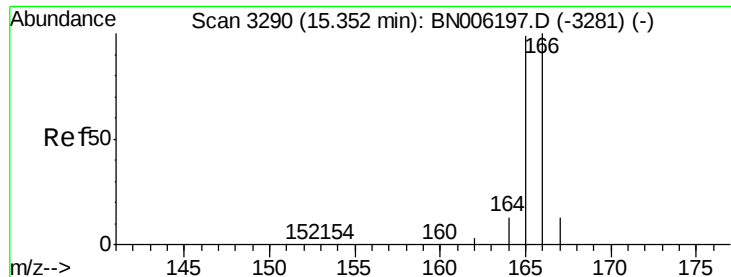
152 70.9 39.1 58.7#

154 86.3 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

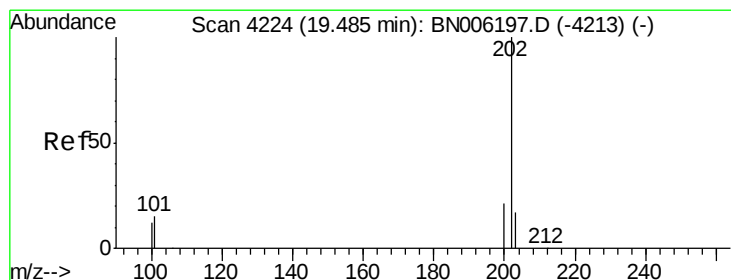
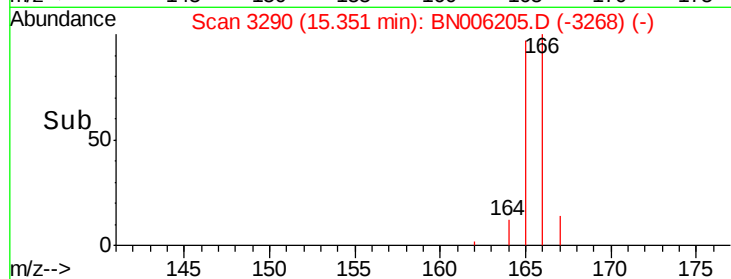
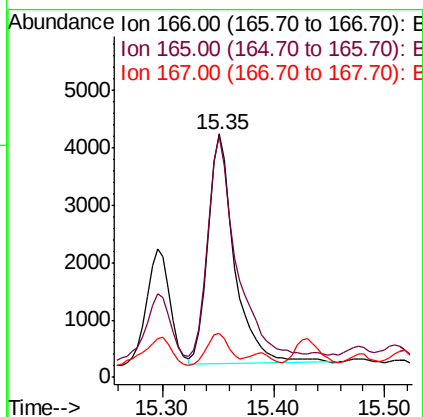
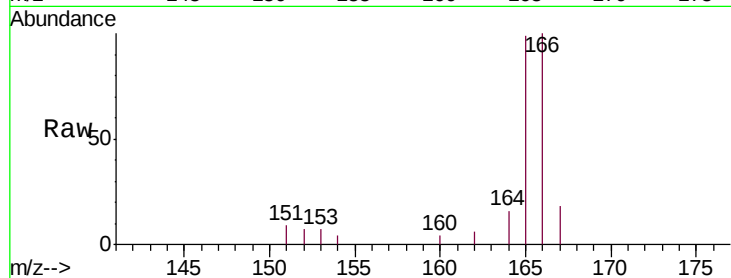




#9
Fluorene
 Concen: 0.135 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006205.D
 Acq: 09 Jun 2019 00:15

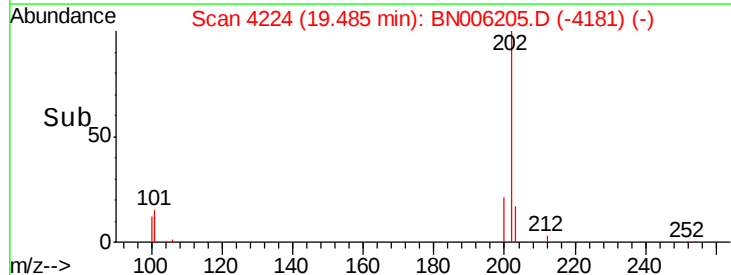
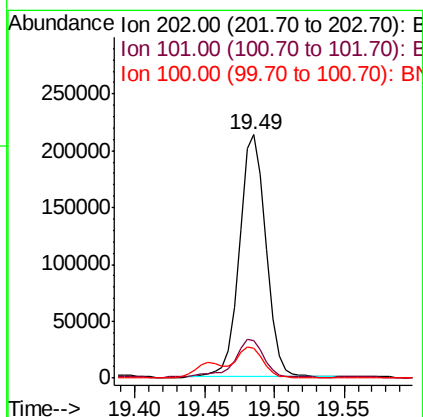
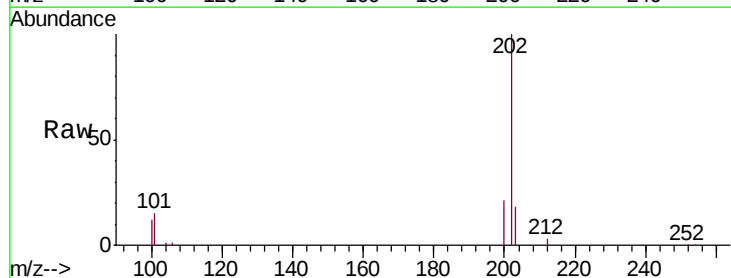
Instrument :
 BNA_N
 ClientSampleId :
 A51E2

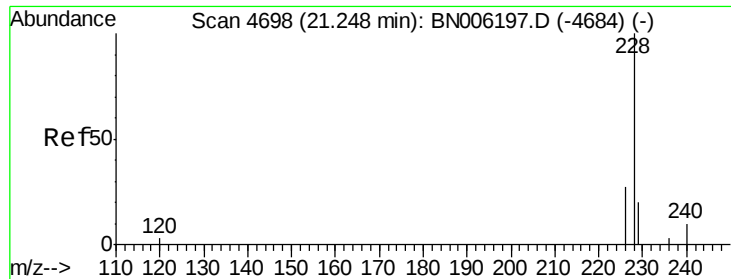
Tgt Ion:166 Resp: 6652
 Ion Ratio Lower Upper
 166 100
 165 98.8 76.4 114.6
 167 18.2 11.0 16.6#



#17
Pyrene
 Concen: 547.104 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. -0.00 min
 Lab File: BN006205.D
 Acq: 09 Jun 2019 00:15

Tgt Ion:202 Resp: 285301
 Ion Ratio Lower Upper
 202 100
 101 15.2 12.2 18.2
 100 12.0 9.8 14.6





#18

Benzo(a)anthracene

Concen: 349.329 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. 0.05 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

Instrument :

BNA_N

ClientSampleId :

A51E2

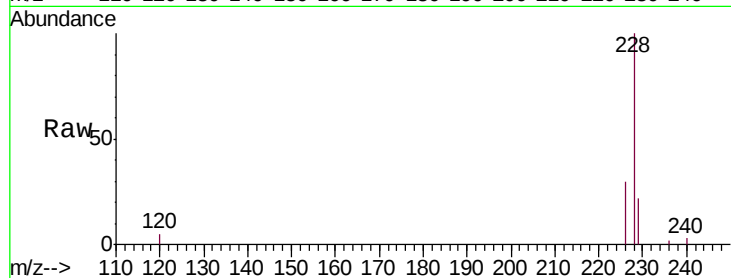
Tgt Ion:228 Resp: 152958

Ion Ratio Lower Upper

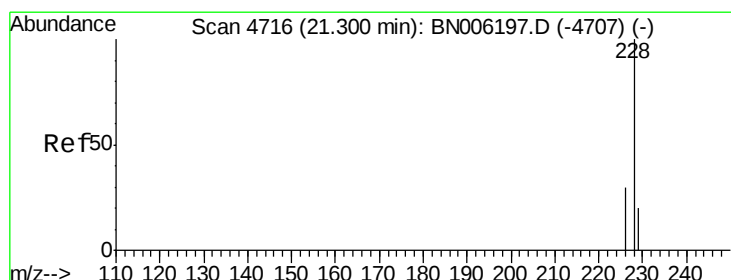
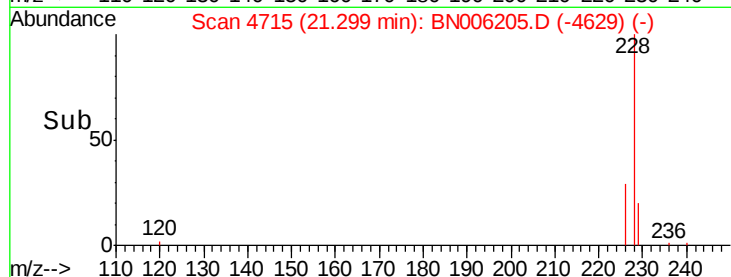
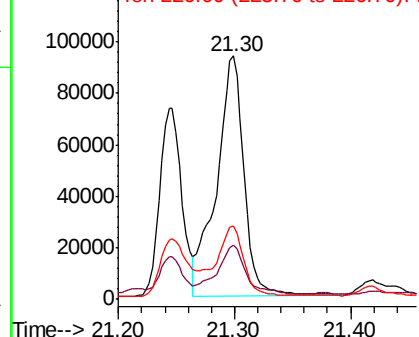
228 100

229 22.4 16.5 24.7

226 30.0 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: 366.185 ng/ul

RT: 21.30 min Scan# 4715

Delta R.T. -0.00 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

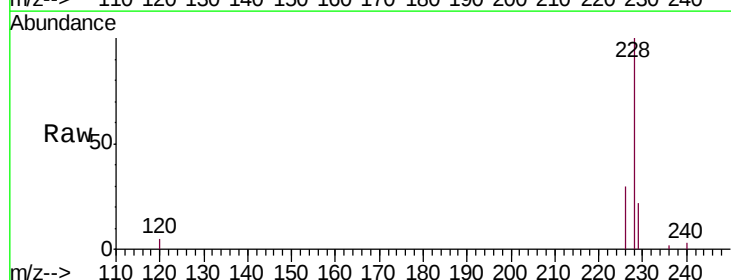
Tgt Ion:228 Resp: 150522

Ion Ratio Lower Upper

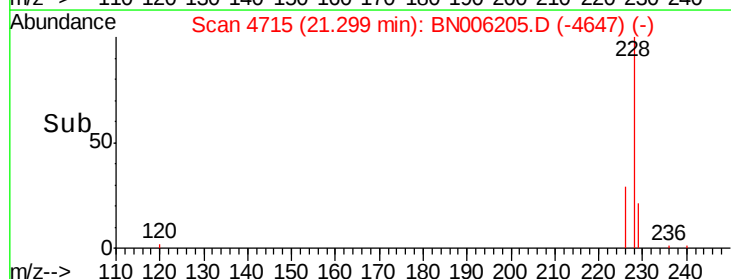
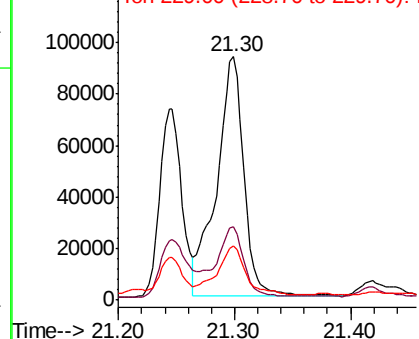
228 100

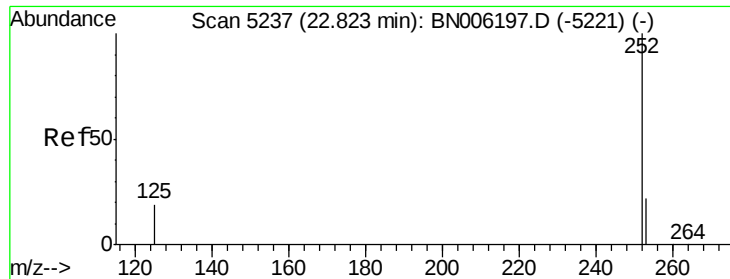
226 30.0 25.0 37.6

229 22.4 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: 2.684 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. 0.00 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

Instrument :

BNA_N

ClientSampleId :

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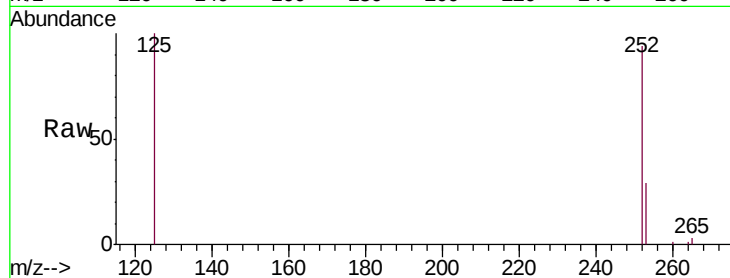
Tgt Ion:252 Resp: 236458

Ion Ratio Lower Upper

252 100

253 30.3 0.0 51.4

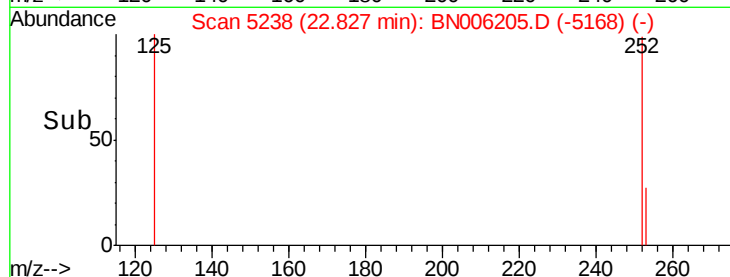
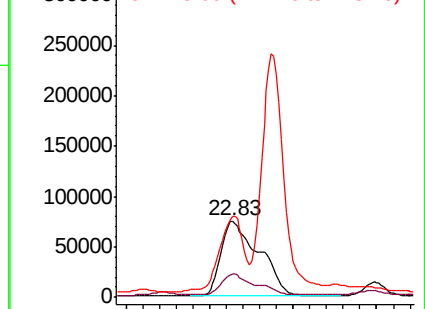
125 106.0 0.0 41.0#



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: 2.756 ng/ul

RT: 22.83 min Scan# 5238

Delta R.T. -0.04 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

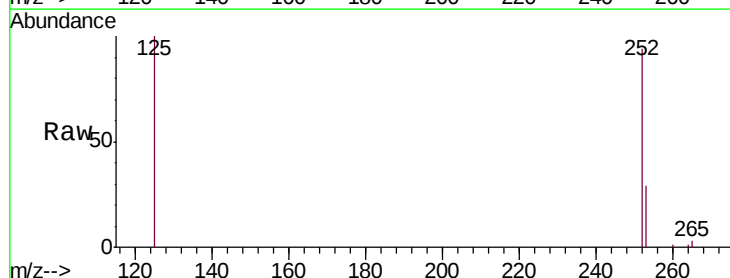
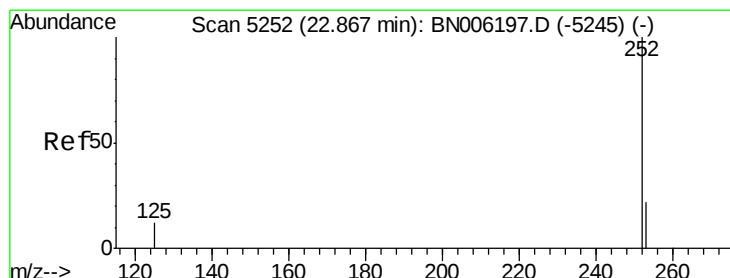
Tgt Ion:252 Resp: 236458

Ion Ratio Lower Upper

252 100

253 30.3 20.3 30.5

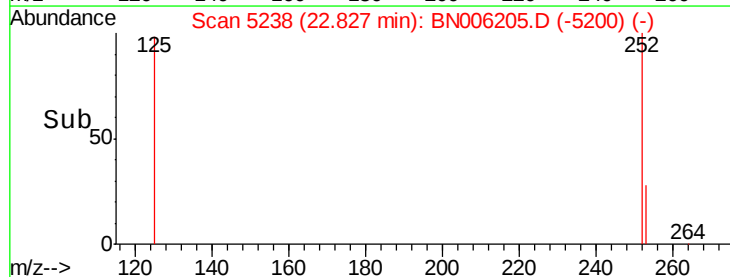
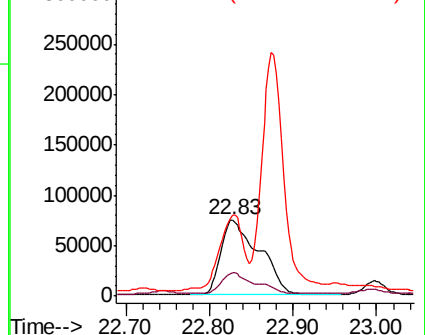
125 106.0 14.3 21.5#

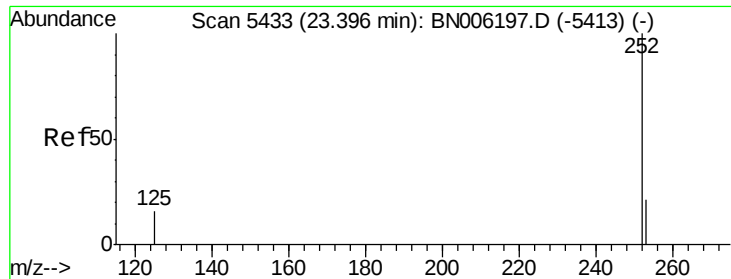


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.491 ng/u1

RT: 23.40 min Scan# 5433

Delta R.T. 0.00 min

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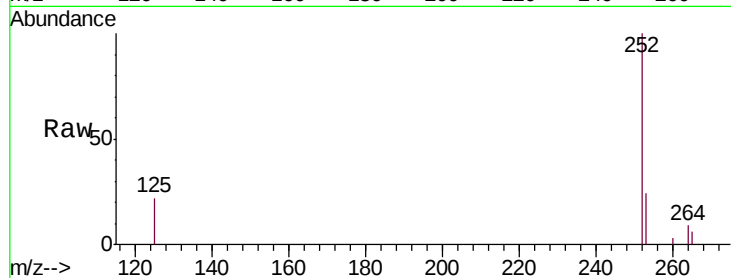
Tgt Ion:252 Resp: 122309

Ion Ratio Lower Upper

252 100

253 24.5 21.1 31.7

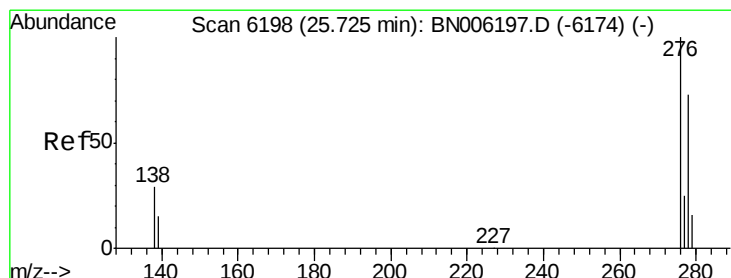
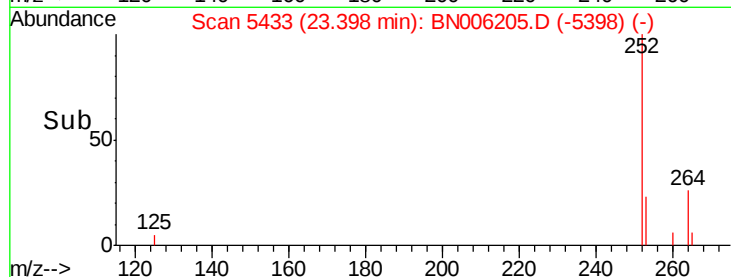
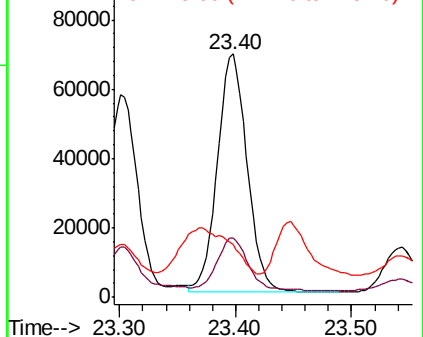
125 21.5 20.3 30.5



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: 1.175 ng/u1

RT: 25.73 min Scan# 6200

Delta R.T. 0.01 min

Lab File: BN006205.D

Acq: 09 Jun 2019 00:15

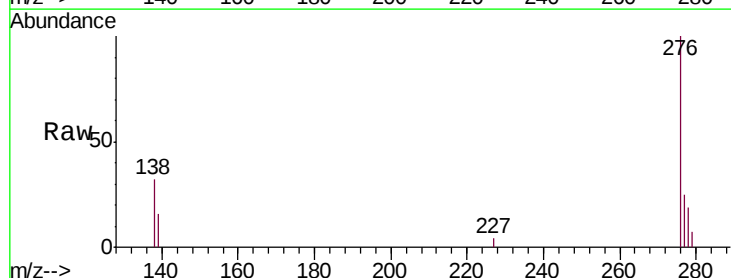
Tgt Ion:276 Resp: 104345

Ion Ratio Lower Upper

276 100

138 0.0 25.6 38.4#

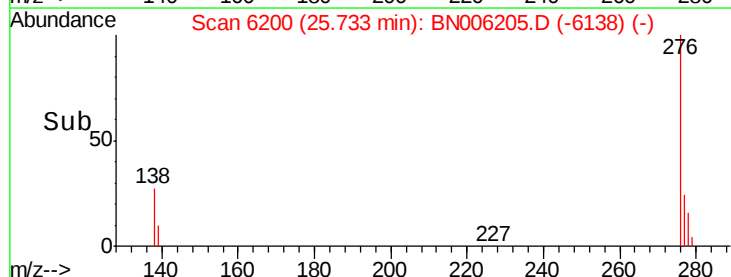
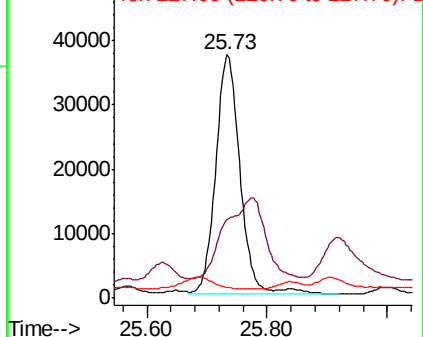
227 0.0 0.3 0.5#

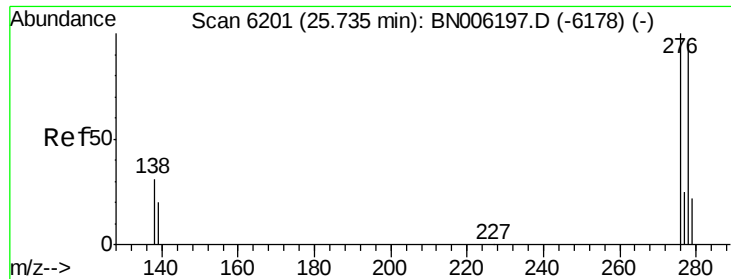


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

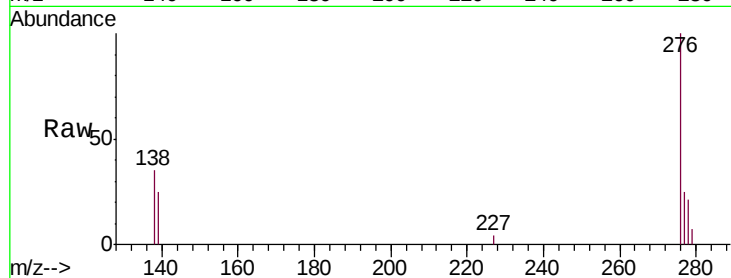




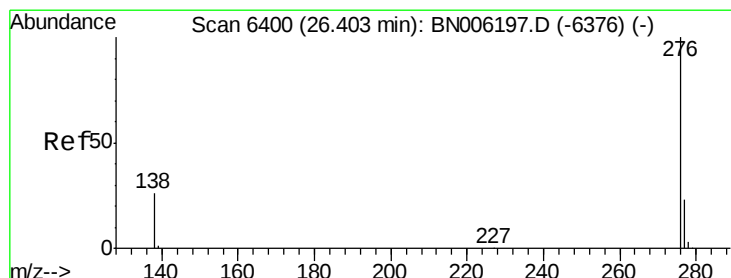
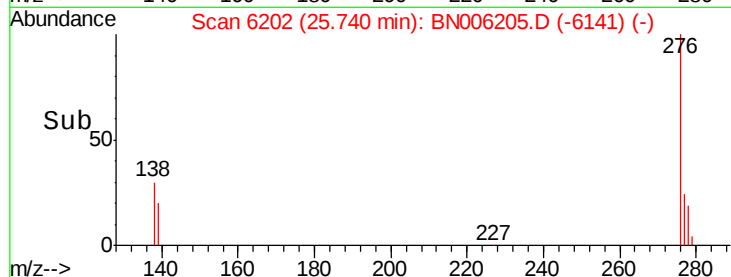
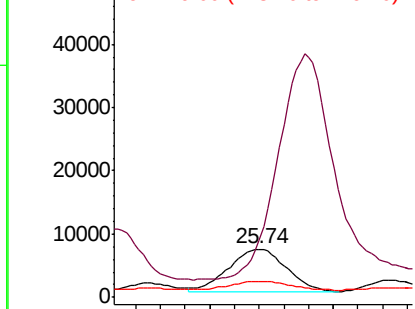
#25
Dibenzo(a,h)anthracene
Concen: 0.319 ng/u1
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

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BNA_N
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A51E2

Tgt Ion:278 Resp: 22649
Ion Ratio Lower Upper
278 100
139 119.2 21.2 31.8#
279 33.6 22.6 33.8

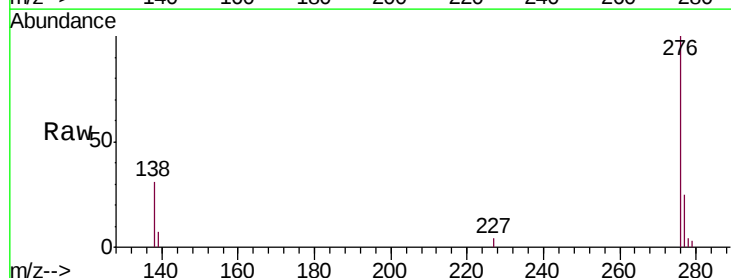


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#26
Benzo(g,h,i)perylene
Concen: 1.378 ng/u1
RT: 26.42 min Scan# 6406
Delta R.T. 0.02 min
Lab File: BN006205.D
Acq: 09 Jun 2019 00:15

Tgt Ion:276 Resp: 102483
Ion Ratio Lower Upper
276 100
138 30.7 24.2 36.4
277 25.4 21.5 32.3



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

