

Data File : BN004089.D
Acq On : 18 Dec 2018 22:34
Operator : JU/SJ
Sample : J6271-05
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F12

Quant Time: Dec 19 04:12:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 04:08:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	1645	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7952	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5096	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	660485	0.40	ng/ul	0.10
16) Chrysene-d12	21.51	240	130	0.40	ng/ul	0.11
20) Perylene-d12	23.98	264	447	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3112	0.25	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	559	0.00	ng/ul	0.09

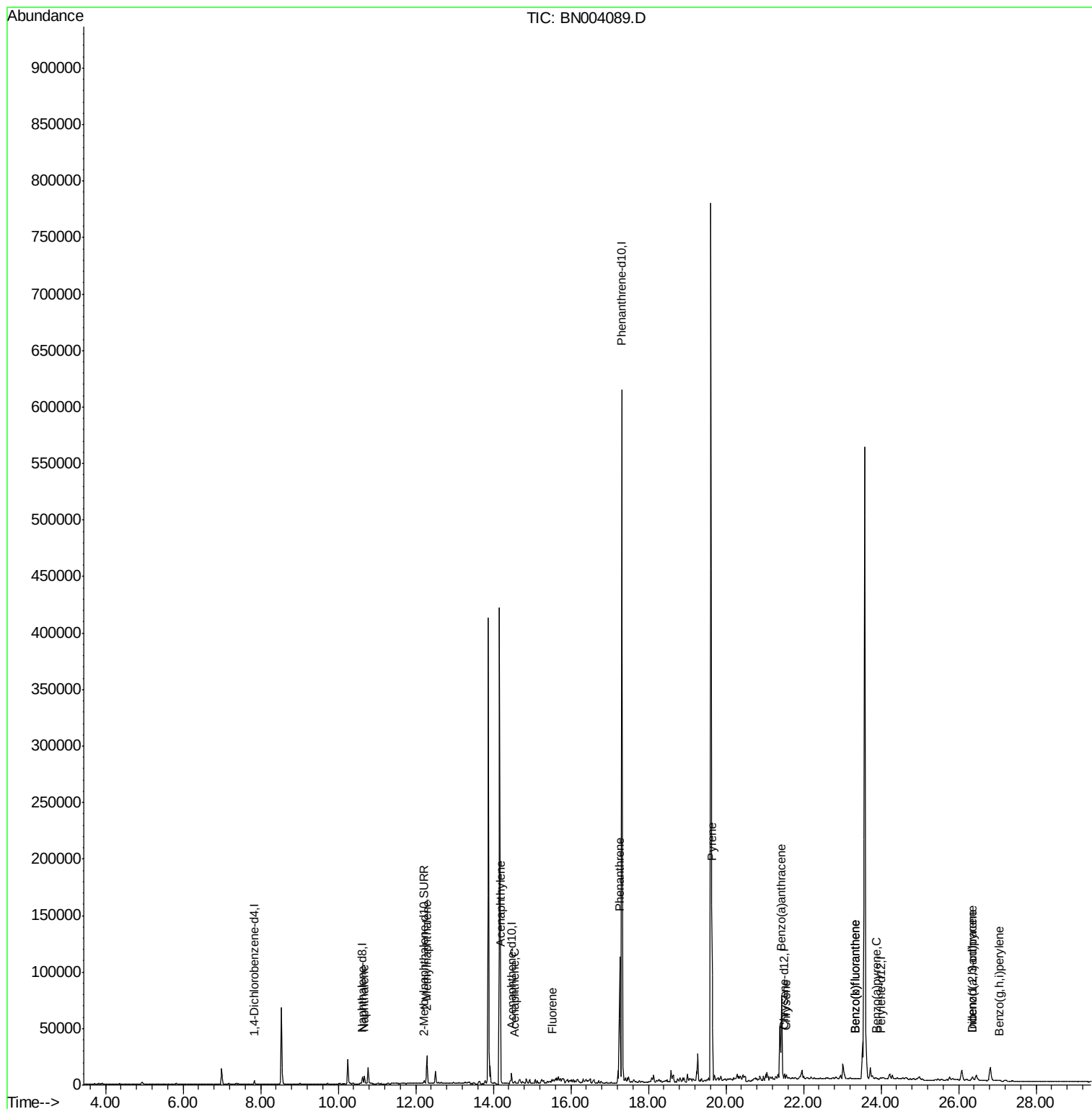
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	9370	0.419	ng/ul	96
5) 2-Methylnaphthalene	12.29	142	17584	1.127	ng/ul	100
7) Acenaphthylene	14.19	152	554	0.024	ng/ul#	1
8) Acenaphthene	14.53	153	1488	0.074	ng/ul#	87
9) Fluorene	15.52	166	2215	0.094	ng/ul#	89
12) Phenanthrene	17.26	178	117765	0.054	ng/ul	100
17) Pyrene	19.64	202	114604	245.795	ng/ul	95
18) Benzo(a)anthracene	21.44	228	73529	179.077	ng/ul#	91
19) Chrysene	21.56	228	2020	4.299	ng/ul#	1
21) Benzo(b)fluoranthene	23.33	252	138	0.075	ng/ul#	1
22) Benzo(k)fluoranthene	23.33	252	138	0.077	ng/ul#	1
23) Benzo(a)pyrene	23.87	252	443	0.277	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.36	276	1380	0.752	ng/ul#	33
25) Dibenzo(a,h)anthracene	26.36	278	4957	3.354	ng/ul#	39
26) Benzo(g,h,i)perylene	27.04	276	237	0.149	ng/ul#	1

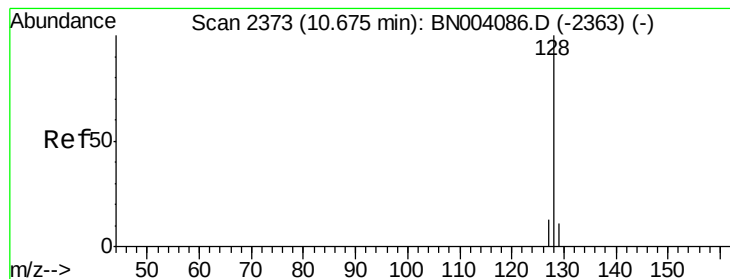
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
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Response via : Initial Calibration





#3

Naphthalene

Concen: 0.419 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

ClientSampleId :

F9F12

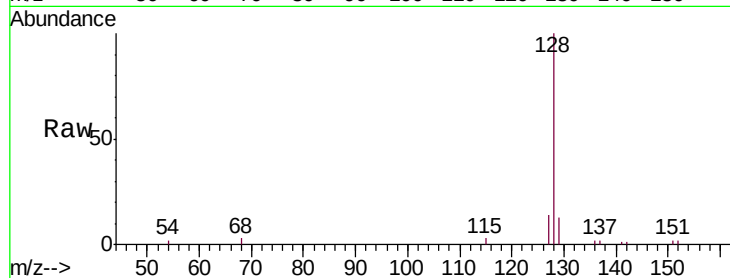
Tgt Ion:128 Resp: 9370

Ion Ratio Lower Upper

128 100

129 13.0 9.0 13.6

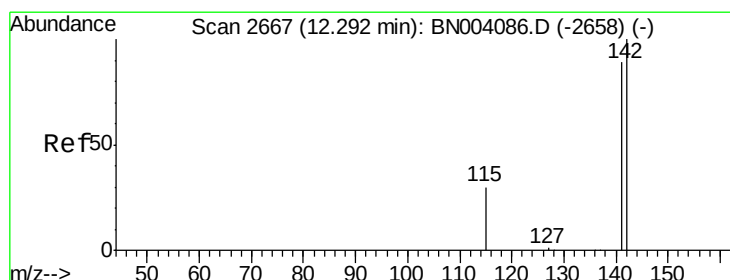
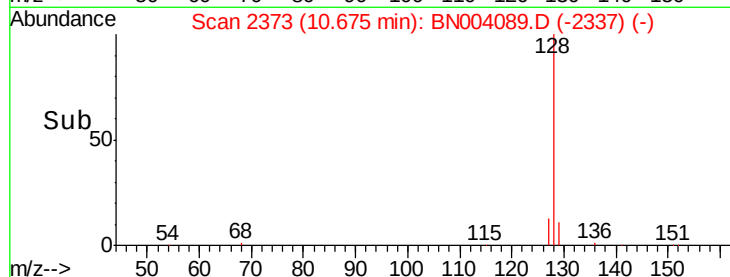
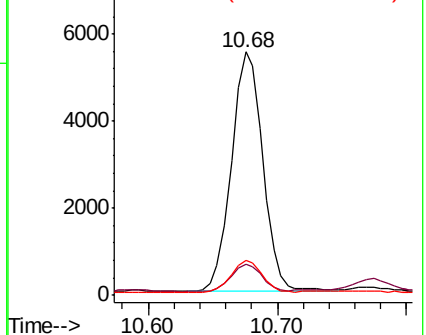
127 14.2 10.5 15.7



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: 1.127 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004089.D

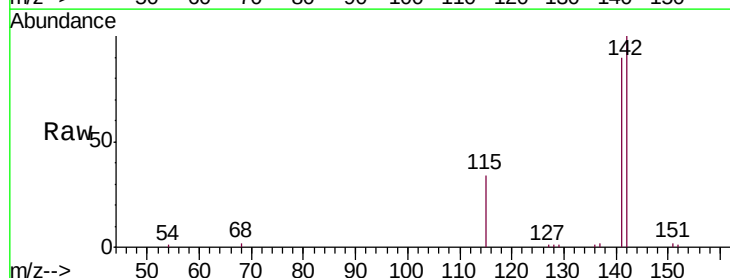
Acq: 18 Dec 2018 22:34

Tgt Ion:142 Resp: 17584

Ion Ratio Lower Upper

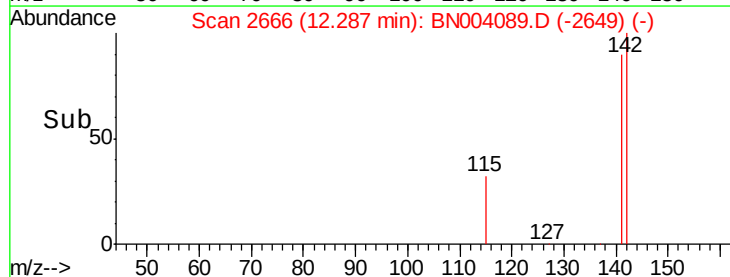
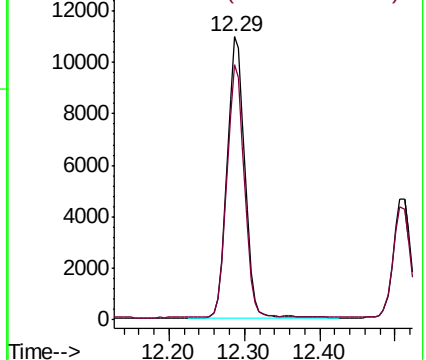
142 100

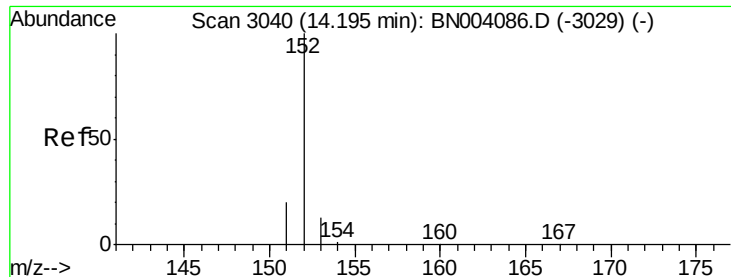
141 89.6 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.024 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

ClientSampleId :

F9F12

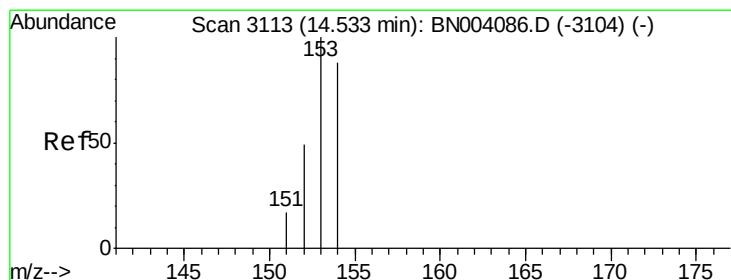
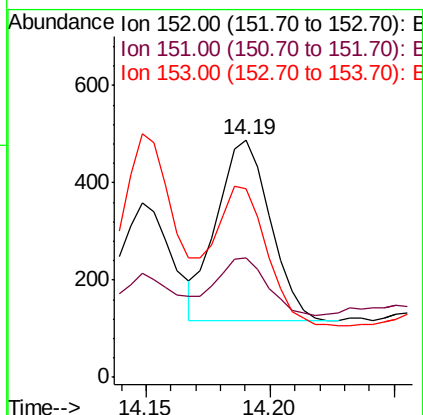
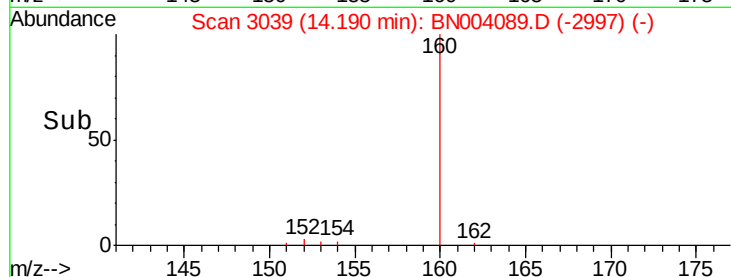
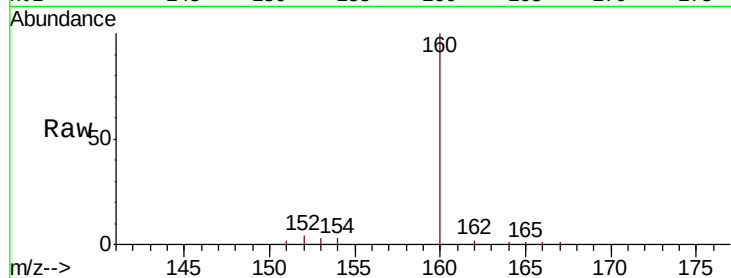
Tgt Ion:152 Resp: 554

Ion Ratio Lower Upper

152 100

151 50.3 15.9 23.9#

153 79.6 10.7 16.1#



#8

Acenaphthene

Concen: 0.074 ng/ul

RT: 14.53 min Scan# 3113

Delta R.T. -0.00 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

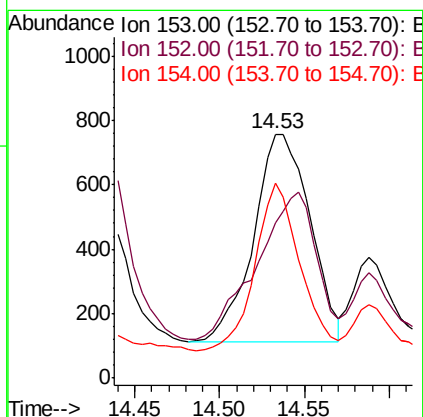
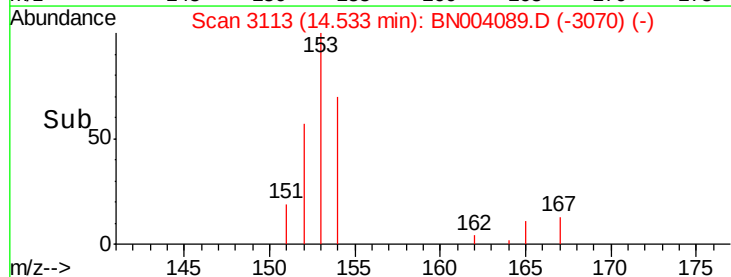
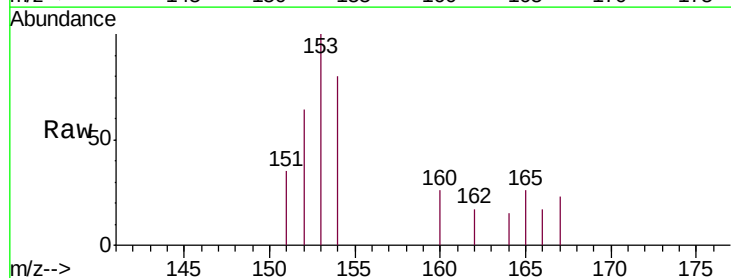
Tgt Ion:153 Resp: 1488

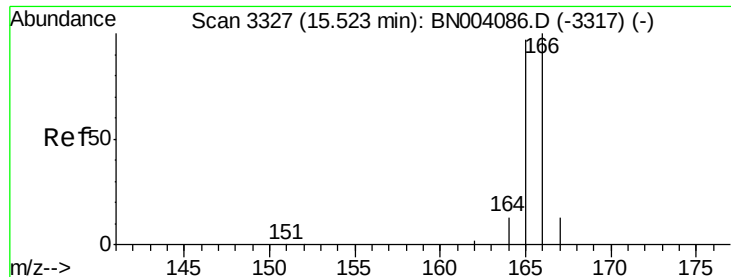
Ion Ratio Lower Upper

153 100

152 63.6 39.3 58.9#

154 80.3 70.3 105.5

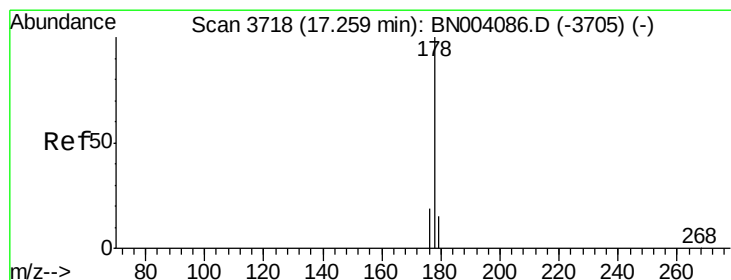
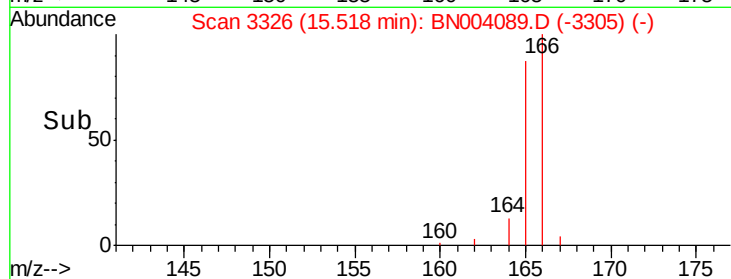
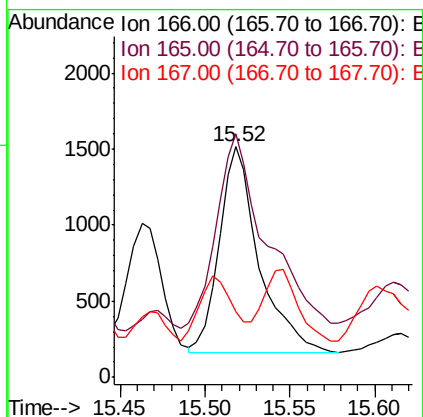
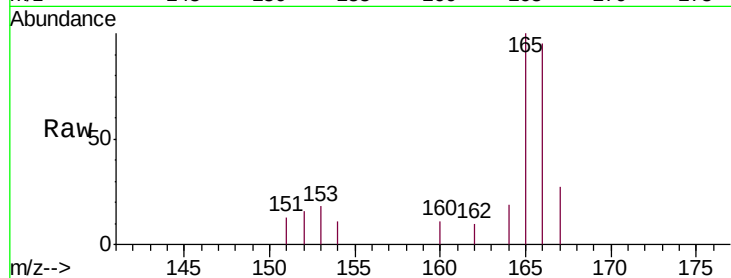




#9
Fluorene
 Concen: 0.094 ng/ul
 RT: 15.52 min Scan# 3326
 Delta R.T. -0.00 min
 Lab File: BN004089.D
 Acq: 18 Dec 2018 22:34

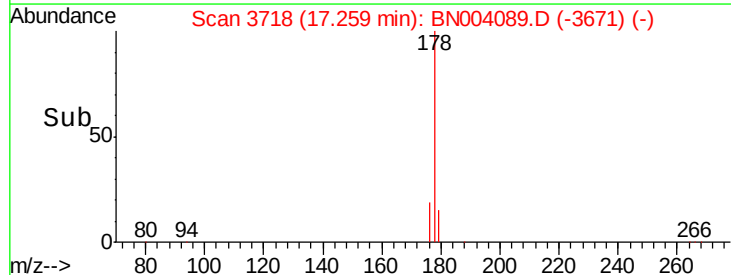
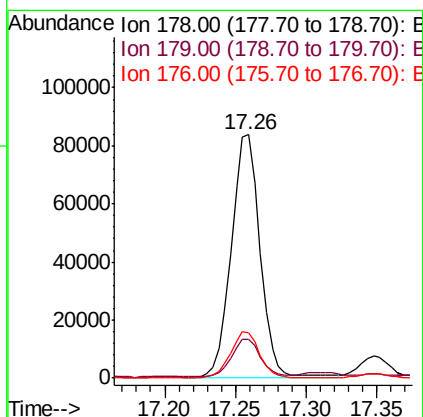
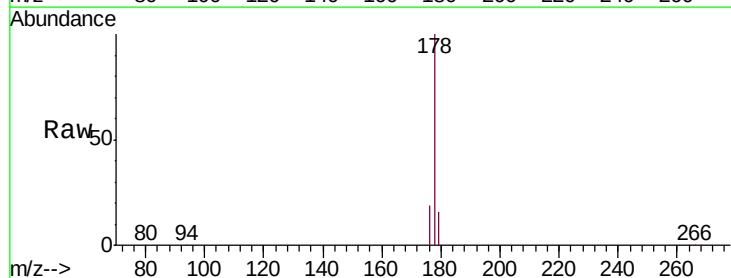
Instrument :
 BNA_N
 ClientSampleId :
 F9F12

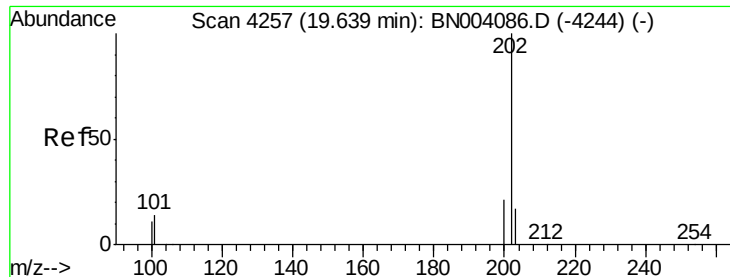
Tgt Ion:166 Resp: 2215
 Ion Ratio Lower Upper
 166 100
 165 105.8 78.3 117.5
 167 28.6 11.3 16.9#



#12
Phenanthrene
 Concen: 0.054 ng/ul
 RT: 17.26 min Scan# 3718
 Delta R.T. -0.00 min
 Lab File: BN004089.D
 Acq: 18 Dec 2018 22:34

Tgt Ion:178 Resp: 117765
 Ion Ratio Lower Upper
 178 100
 179 15.9 12.5 18.7
 176 18.8 15.0 22.4

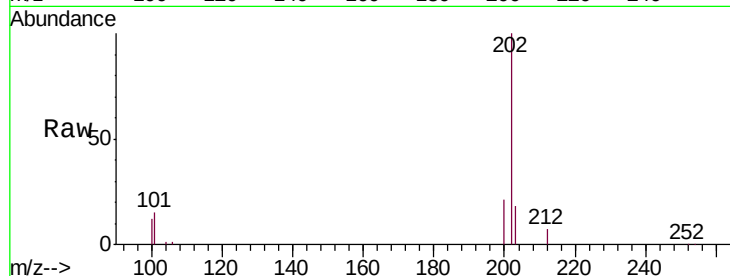




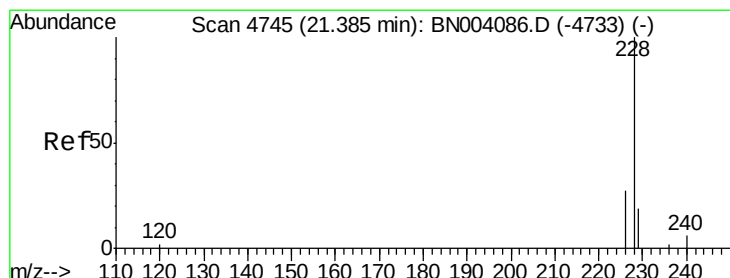
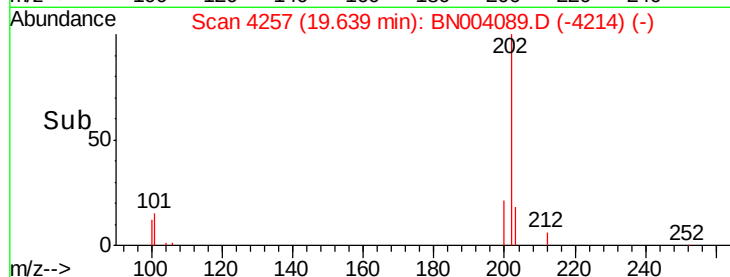
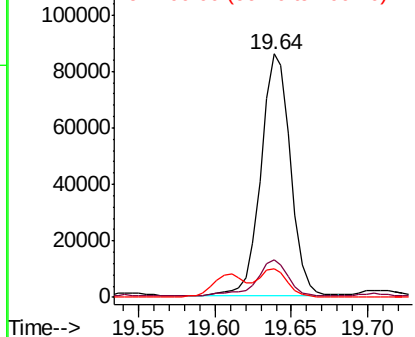
#17
 Pyrene
 Concen: 245.795 ng/ul
 RT: 19.64 min Scan# 4257
 Delta R.T. -0.00 min
 Lab File: BN004089.D
 Acq: 18 Dec 2018 22:34

Instrument :
 BNA_N
 ClientSampleId :
 F9F12

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.4	10.3	15.5
100	11.8	8.5	12.7

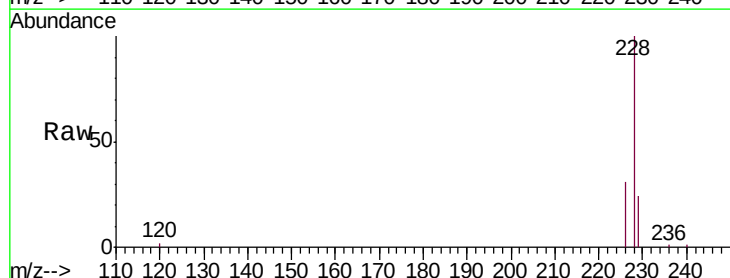


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

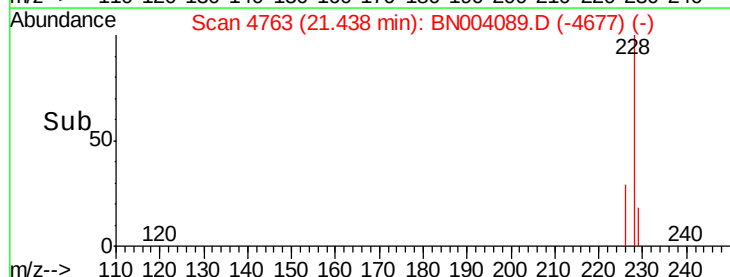
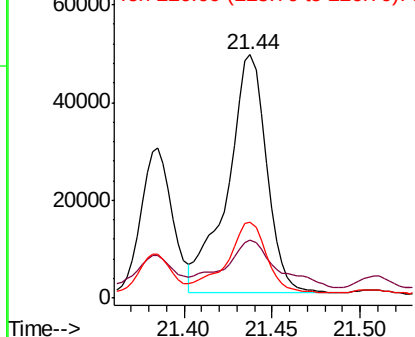


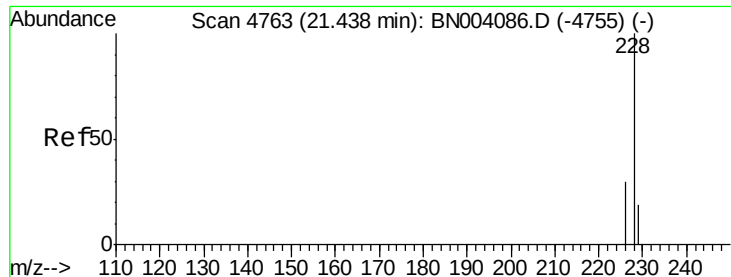
#18
 Benzo(a)anthracene
 Concen: 179.077 ng/ul
 RT: 21.44 min Scan# 4763
 Delta R.T. 0.05 min
 Lab File: BN004089.D
 Acq: 18 Dec 2018 22:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.7	15.6	23.4#
226	31.3	21.1	31.7



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: 4.299 ng/ul

RT: 21.56 min Scan# 4804

Delta R.T. 0.12 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

ClientSampleId :

F9F12

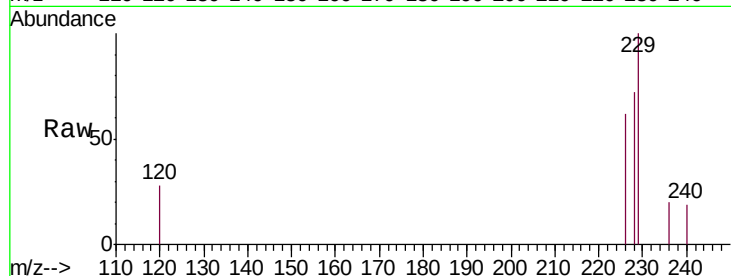
Tgt Ion:228 Resp: 2020

Ion Ratio Lower Upper

228 100

226 86.3 24.0 36.0#

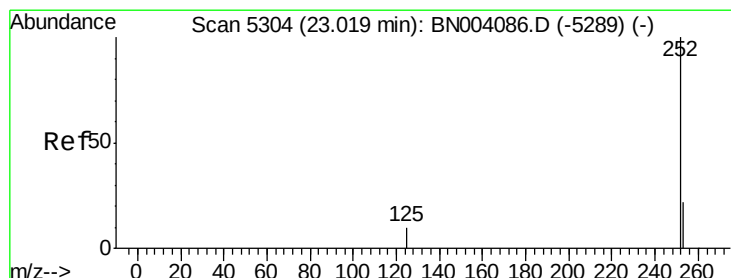
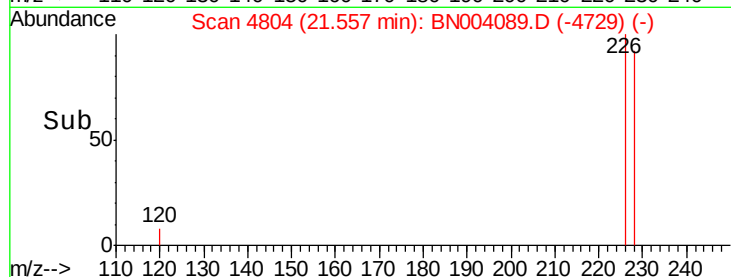
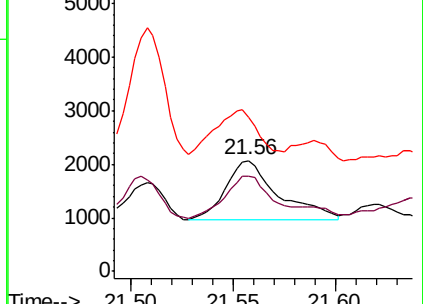
229 138.9 15.7 23.5#



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: 0.075 ng/ul

RT: 23.33 min Scan# 5410

Delta R.T. 0.31 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

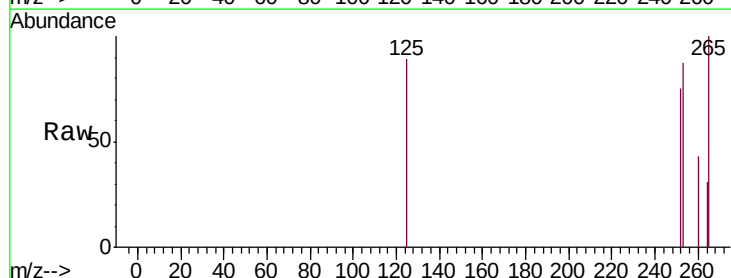
Tgt Ion:252 Resp: 138

Ion Ratio Lower Upper

252 100

253 116.5 0.0 46.0#

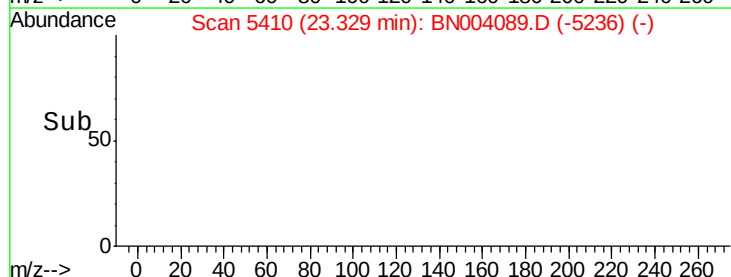
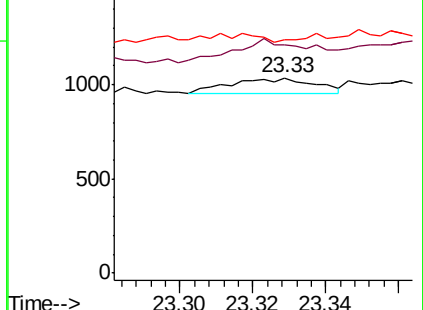
125 119.4 0.0 22.4#

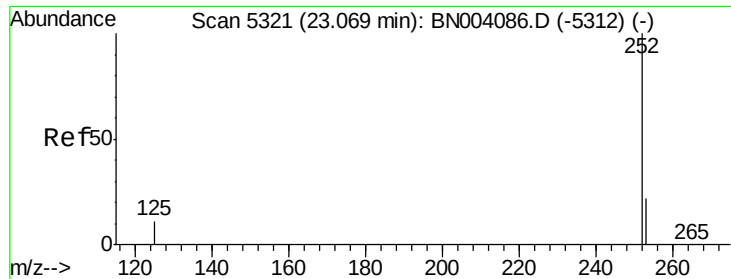


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.077 ng/ul

RT: 23.33 min Scan# 5410

Delta R.T. 0.26 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

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F9F12

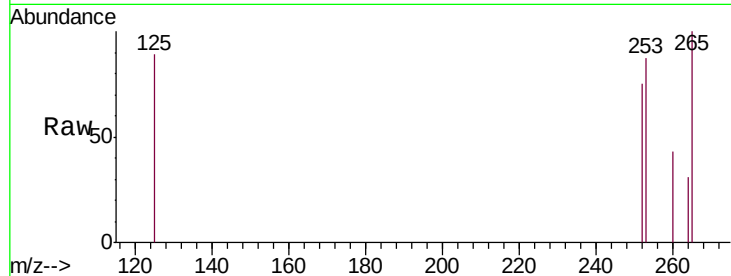
Tgt Ion:252 Resp: 138

Ion Ratio Lower Upper

252 100

253 116.5 18.5 27.7#

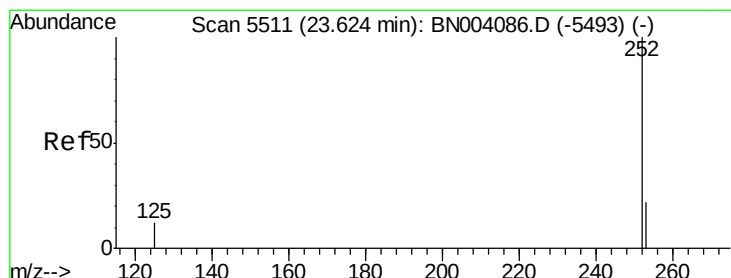
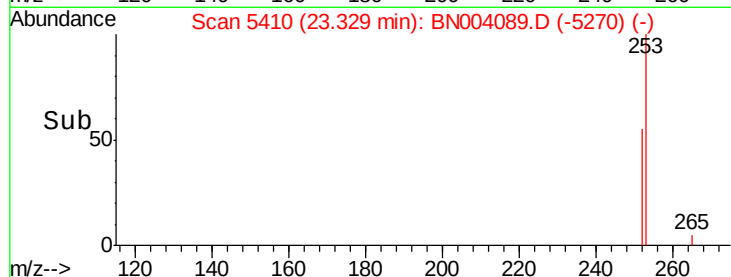
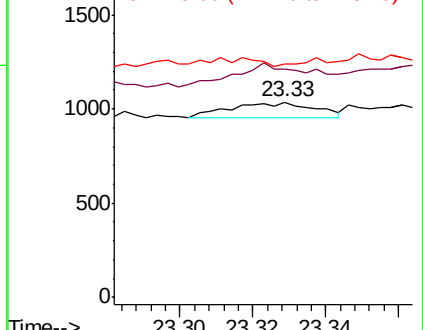
125 119.4 9.0 13.6#



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



#23

Benzo(a)pyrene

Concen: 0.277 ng/ul

RT: 23.87 min Scan# 5594

Delta R.T. 0.24 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

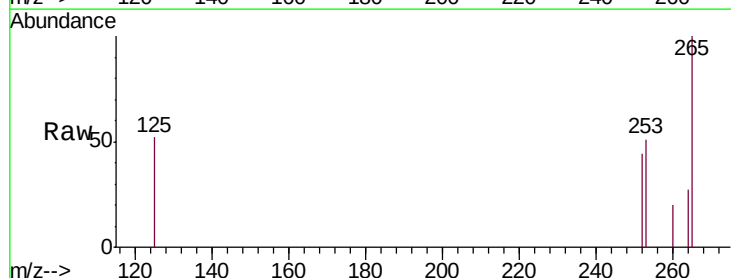
Tgt Ion:252 Resp: 443

Ion Ratio Lower Upper

252 100

253 116.0 19.0 28.4#

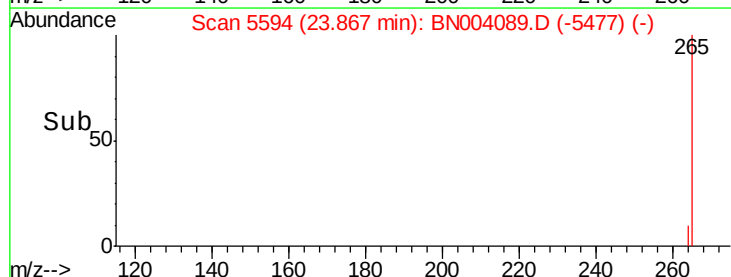
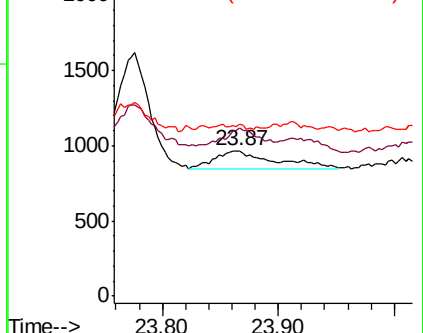
125 118.1 10.2 15.4#

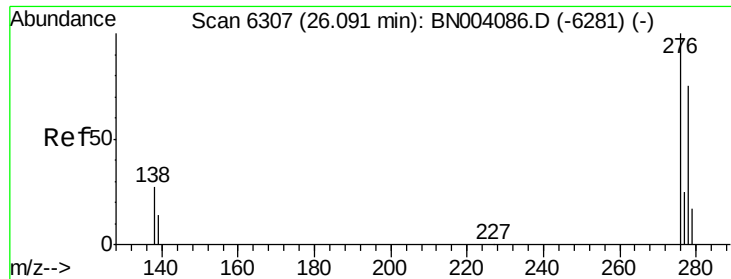


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.752 ng/ul

RT: 26.36 min Scan# 6388

Delta R.T. 0.27 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

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F9F12

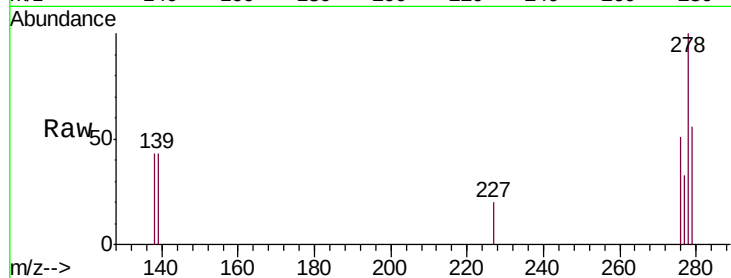
Tgt Ion:276 Resp: 1380

Ion Ratio Lower Upper

276 100

138 59.6 20.3 30.5#

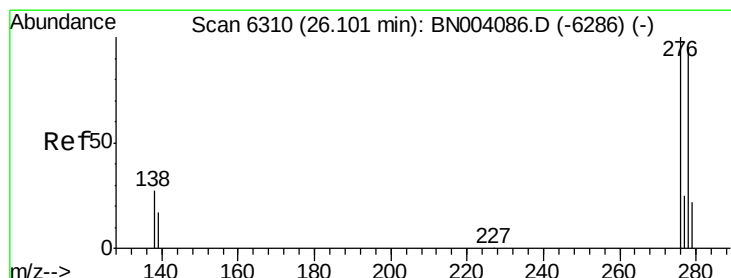
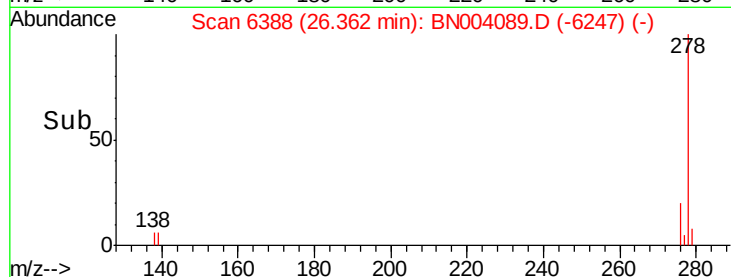
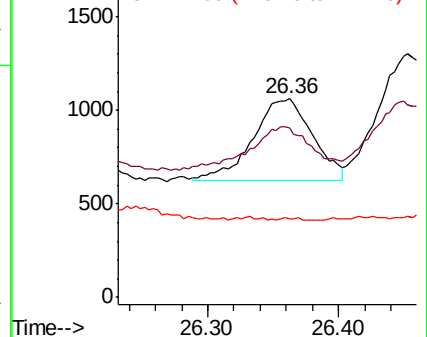
227 1.0 0.2 0.2#



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: 3.354 ng/ul

RT: 26.36 min Scan# 6387

Delta R.T. 0.26 min

Lab File: BN004089.D

Acq: 18 Dec 2018 22:34

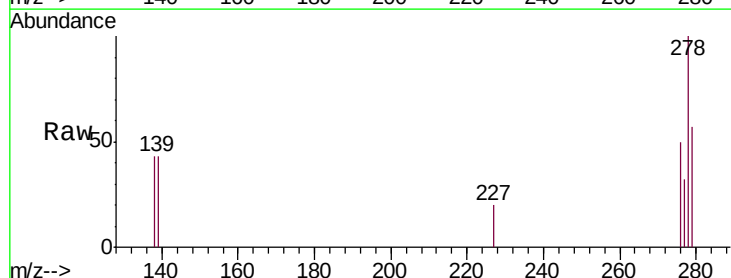
Tgt Ion:278 Resp: 4957

Ion Ratio Lower Upper

278 100

139 42.7 14.2 21.4#

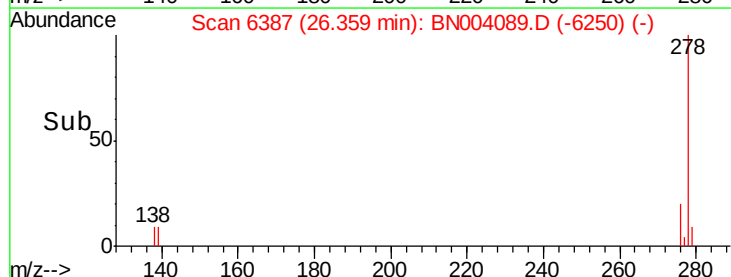
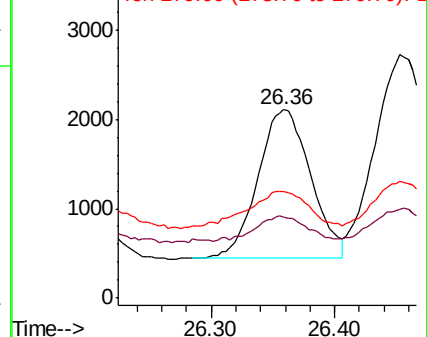
279 56.9 19.8 29.6#

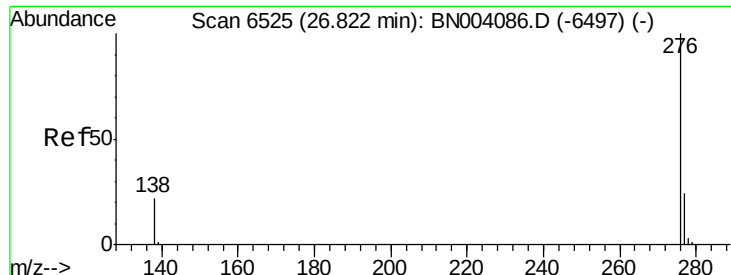


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.149 ng/ul

RT: 27.04 min Scan# 6590

Delta R.T. 0.22 min

Lab File: BN004089.D

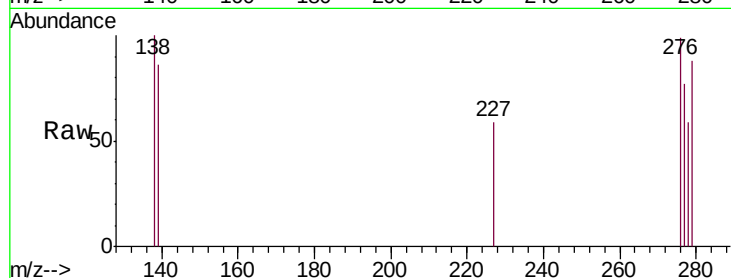
Acq: 18 Dec 2018 22:34

Instrument :

BNA_N

ClientSampleId :

F9F12



Tgt Ion: 276 Resp: 237

Ion Ratio Lower Upper

276 100

138 101.0 17.7 26.5#

277 78.3 19.3 28.9#

