

Data File : BN004134.D
Acq On : 20 Dec 2018 03:15
Operator : JU/SJ
Sample : J6299-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F24

Quant Time: Dec 20 07:20:29 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 : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7734	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4747	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	488821	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.71	264	13642	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2045	0.17	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

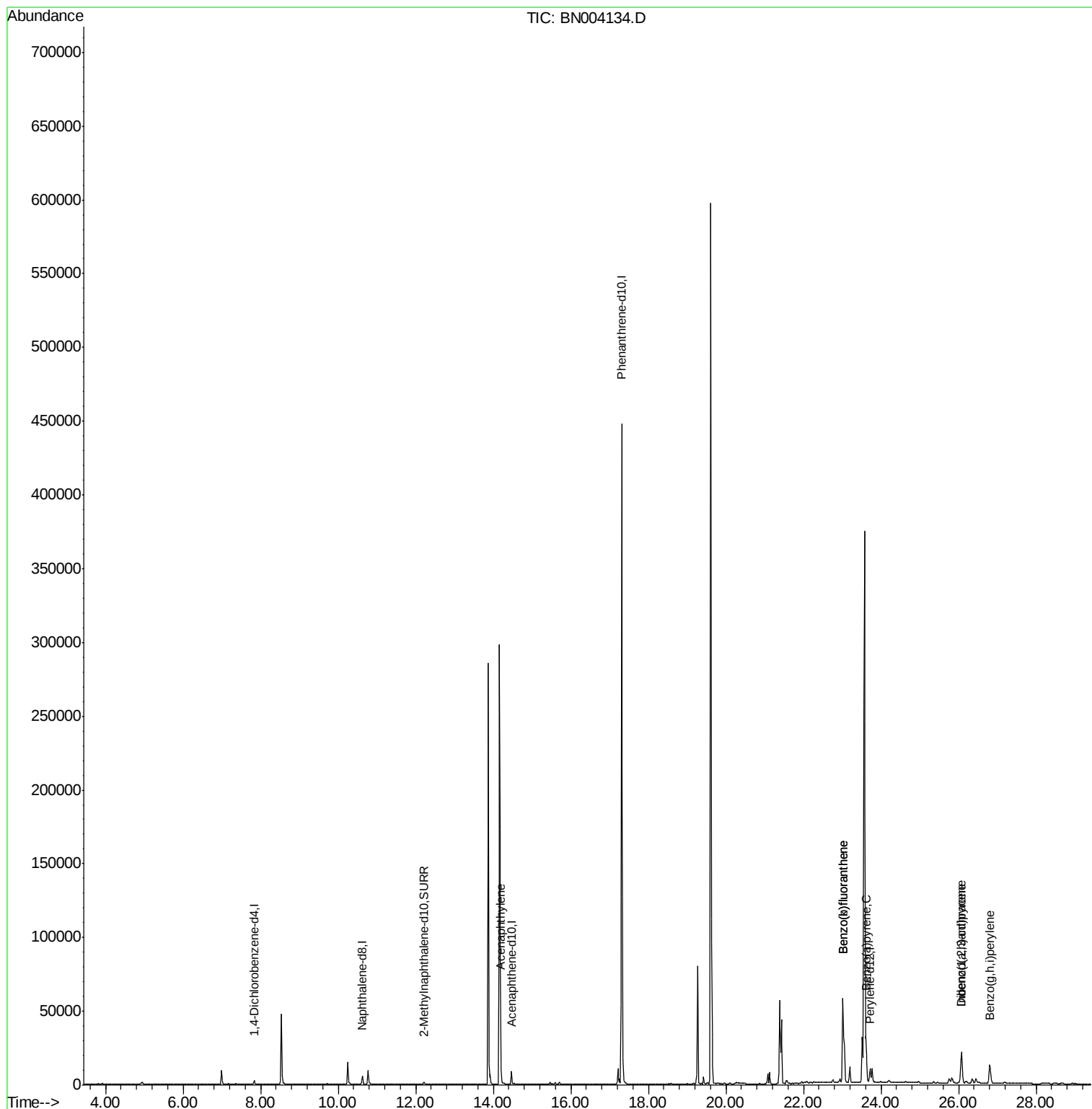
Target Compounds				Qvalue		
7) Acenaphthylene	14.19	152	14824	0.694	ng/ul	99
21) Benzo(b)fluoranthene	23.01	252	120829	2.141	ng/ul	98
22) Benzo(k)fluoranthene	23.01	252	120829	2.198	ng/ul	98
23) Benzo(a)pyrene	23.61	252	39668	0.812	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	26.07	276	36565	0.653	ng/ul#	95
25) Dibenzo(a,h)anthracene	26.07	278	9568	0.212	ng/ul#	89
26) Benzo(g,h,i)perylene	26.80	276	26348	0.541	ng/ul	96

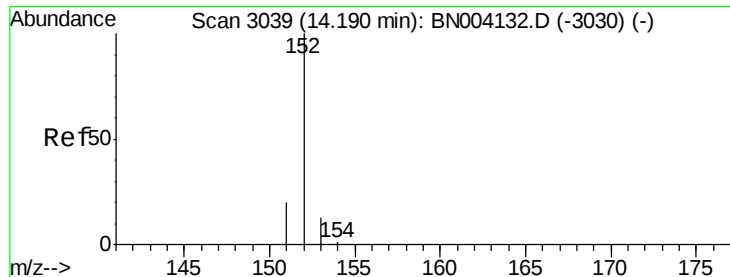
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BN004134.D
Acq On : 20 Dec 2018 03:15
Operator : JU/SJ
Sample : J6299-08
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F24

Quant Time: Dec 20 07:20:29 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 : Thu Dec 20 07:15:48 2018
Response via : Initial Calibration





#7

Acenaphthylene

Concen: 0.694 ng/ul

RT: 14.19 min Scan# 3039

Delta R.T. 0.00 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

Instrument :

BNA_N

ClientSampleId :

F9F24

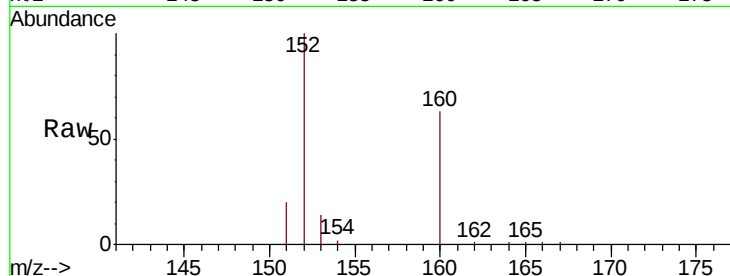
Tgt Ion:152 Resp: 14824

Ion Ratio Lower Upper

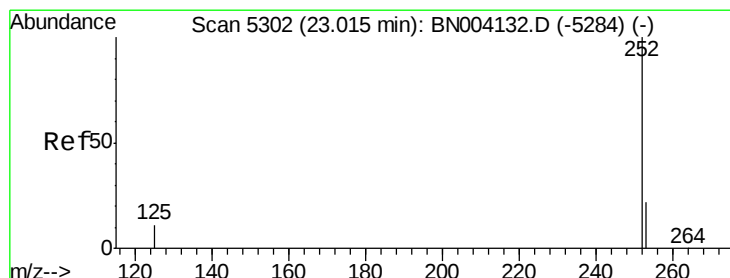
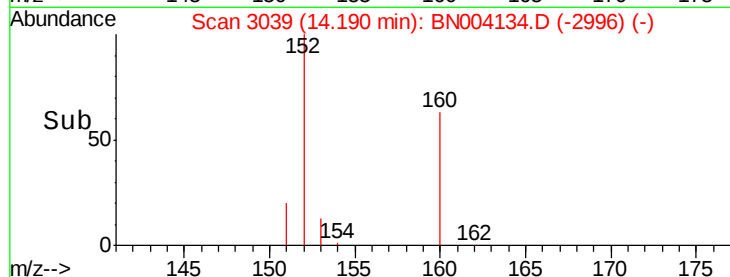
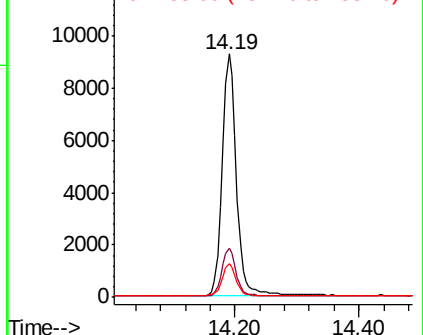
152 100

151 20.4 15.9 23.9

153 13.7 10.7 16.1



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



#21

Benzo(b)fluoranthene

Concen: 2.141 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.00 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

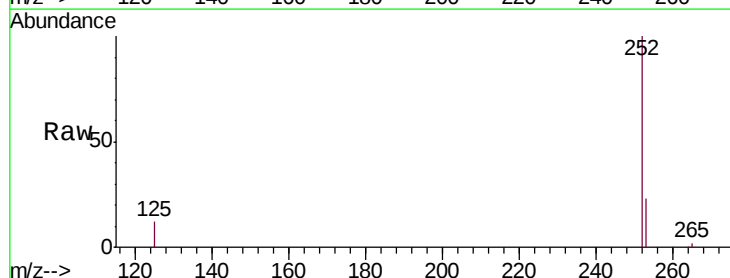
Tgt Ion:252 Resp: 120829

Ion Ratio Lower Upper

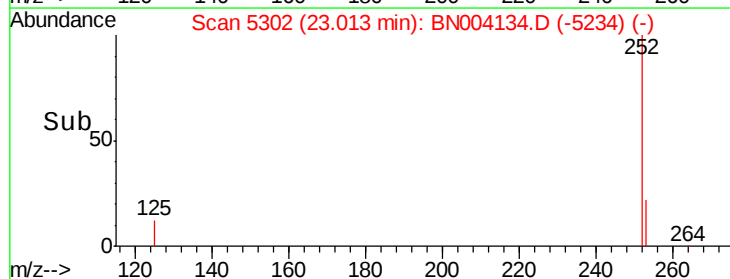
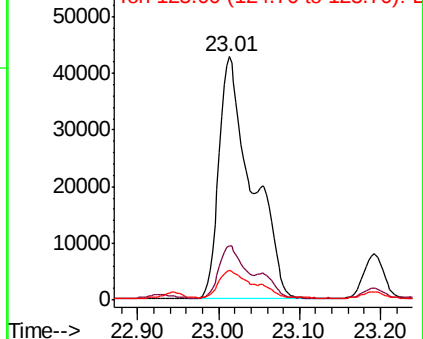
252 100

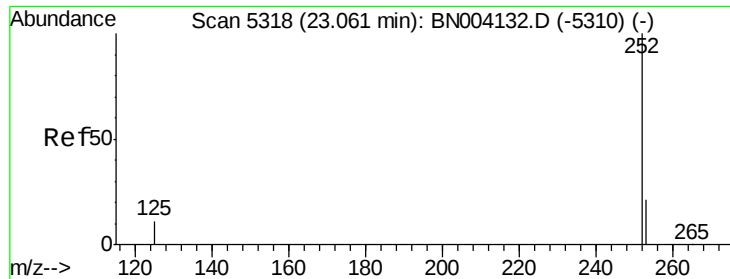
253 22.5 0.0 46.0

125 12.4 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: 2.198 ng/ul

RT: 23.01 min Scan# 5302

Delta R.T. -0.05 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

Instrument :

BNA_N

ClientSampleId :

F9F24

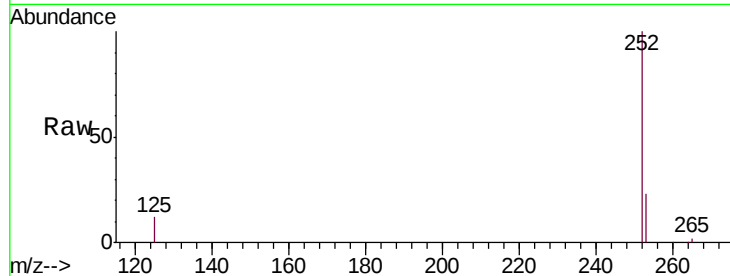
Tgt Ion:252 Resp: 120829

Ion Ratio Lower Upper

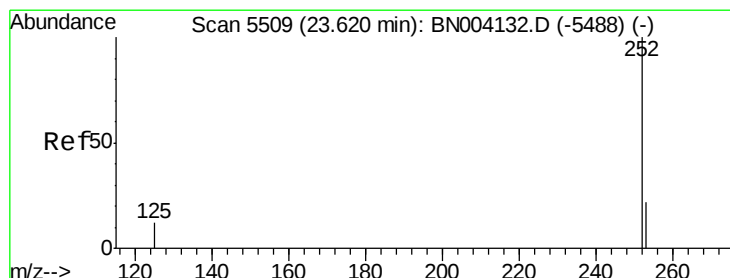
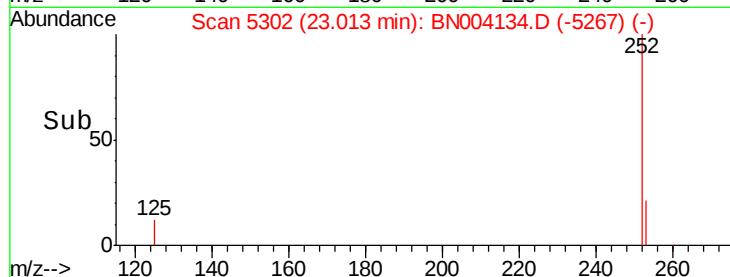
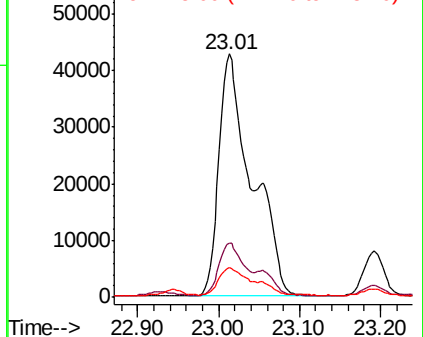
252 100

253 22.5 18.5 27.7

125 12.4 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: 0.812 ng/ul

RT: 23.61 min Scan# 5507

Delta R.T. -0.01 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

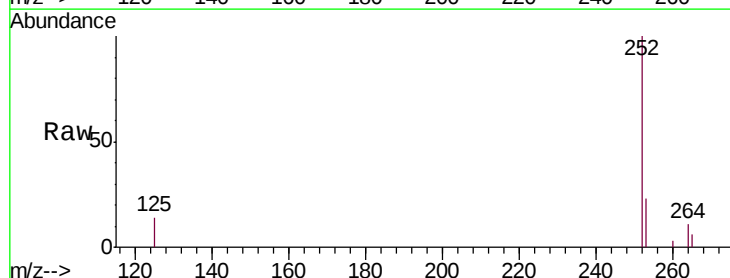
Tgt Ion:252 Resp: 39668

Ion Ratio Lower Upper

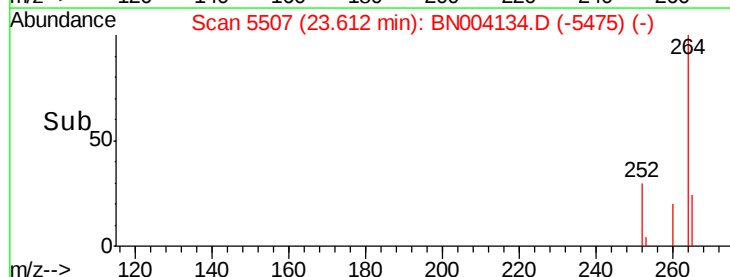
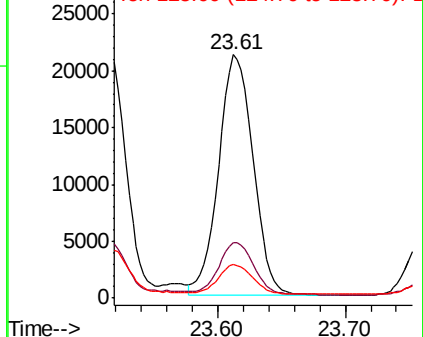
252 100

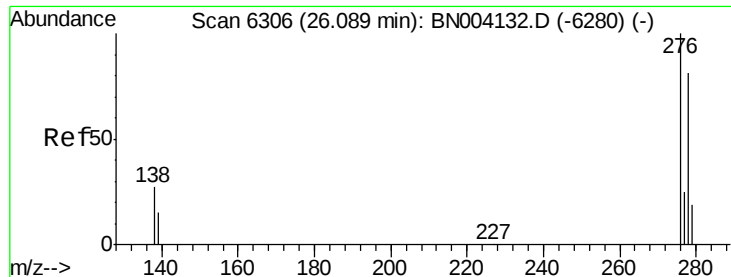
253 22.9 19.0 28.4

125 13.8 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: 0.653 ng/ul

RT: 26.07 min Scan# 6301

Delta R.T. -0.02 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

Instrument :

BNA_N

ClientSampleId :

F9F24

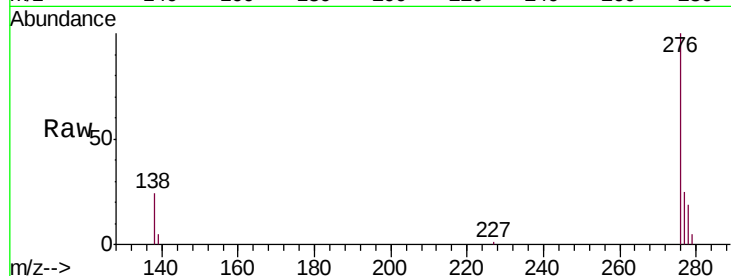
Tgt Ion:276 Resp: 36565

Ion Ratio Lower Upper

276 100

138 22.8 20.3 30.5

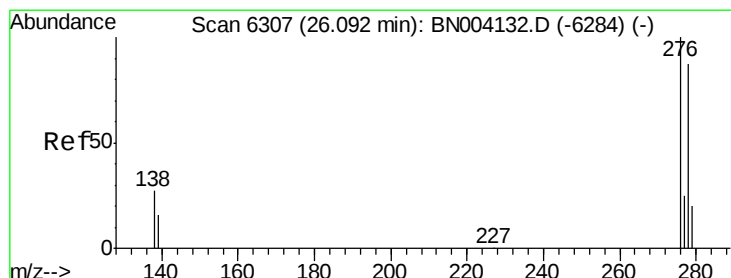
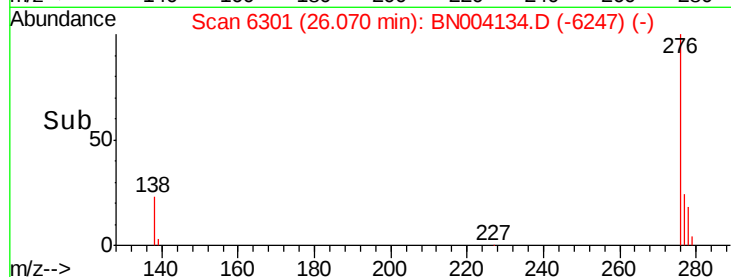
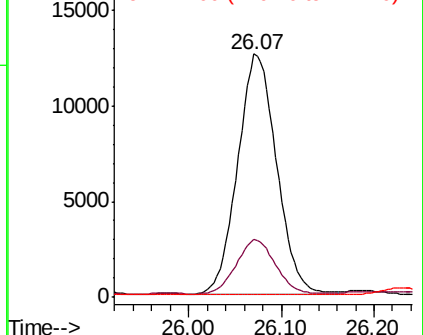
227 0.3 0.2 0.2#



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: 0.212 ng/ul

RT: 26.07 min Scan# 6302

Delta R.T. -0.02 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

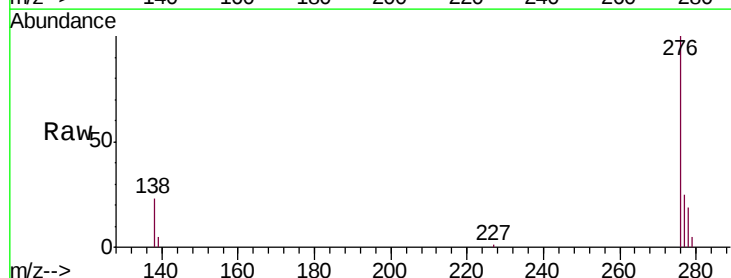
Tgt Ion:278 Resp: 9568

Ion Ratio Lower Upper

278 100

139 26.0 14.2 21.4#

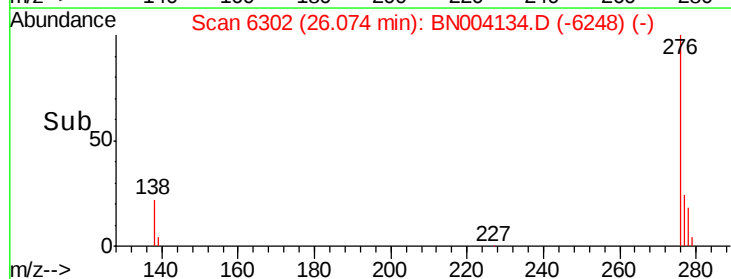
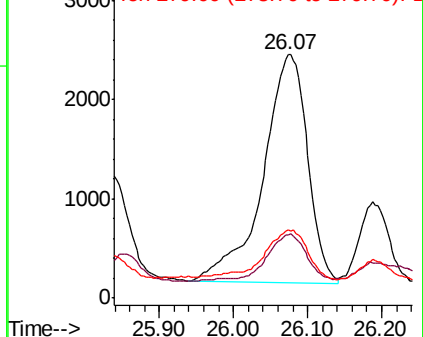
279 27.8 19.8 29.6

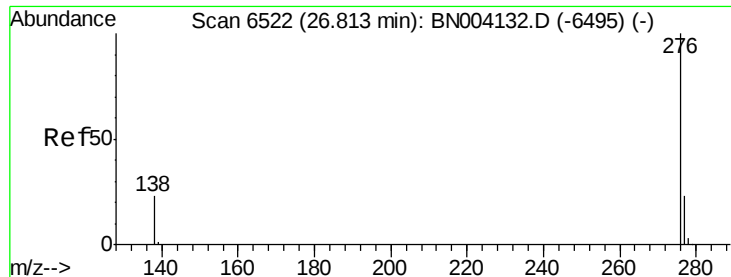


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.541 ng/ul

RT: 26.80 min Scan# 6520

Delta R.T. -0.01 min

Lab File: BN004134.D

Acq: 20 Dec 2018 03:15

Instrument :

BNA_N

ClientSampleId :

F9F24

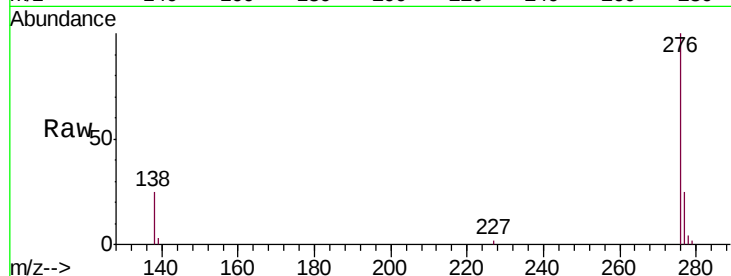
Tgt Ion: 276 Resp: 26348

Ion Ratio Lower Upper

276 100

138 25.0 17.7 26.5

277 25.1 19.3 28.9



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

