

Data File : BN004121.D
Acq On : 19 Dec 2018 19:39
Operator : JU/SJ
Sample : J6297-11
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E44

Quant Time: Dec 20 05:53:14 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 05:49:27 2018
Response via : Initial Calibration

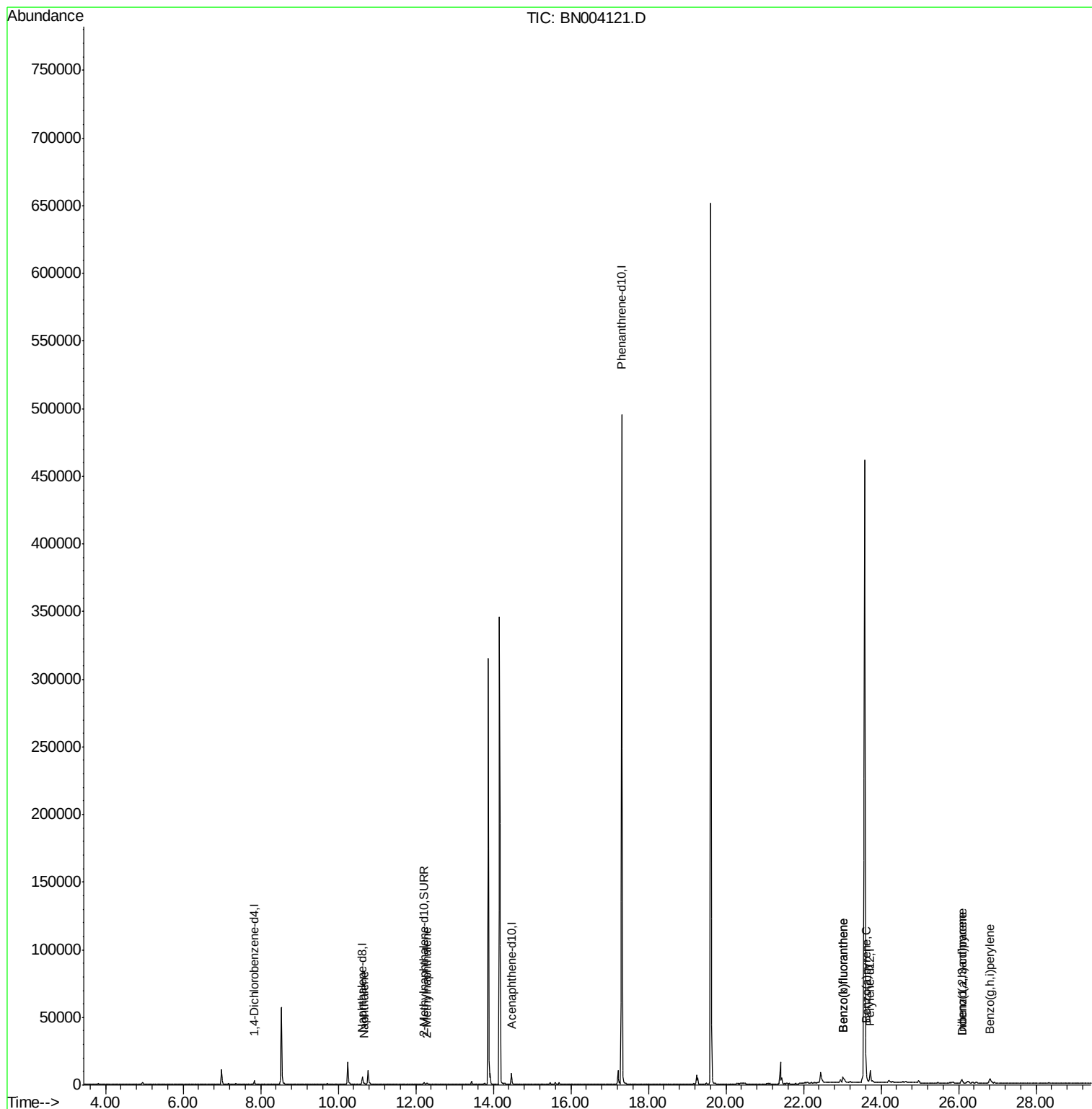
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	1415	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	7333	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	4491	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	548750	0.40	ng/ul	0.10
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.40
20) Perylene-d12	23.72	264	13007	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2326	0.21	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.68	128	1073	0.052	ng/ul#	81
5) 2-Methylnaphthalene	12.29	142	737	0.051	ng/ul	100
21) Benzo(b)fluoranthene	23.02	252	9600	0.178	ng/ul#	79
22) Benzo(k)fluoranthene	23.02	252	9628	0.184	ng/ul#	80
23) Benzo(a)pyrene	23.62	252	4820	0.103	ng/ul#	76
24) Indeno(1,2,3-cd)pyrene	26.09	276	3989	0.075	ng/ul#	98
25) Dibenzo(a,h)anthracene	26.08	278	1198	0.028	ng/ul#	6
26) Benzo(g,h,i)perylene	26.81	276	7660	0.165	ng/ul#	86

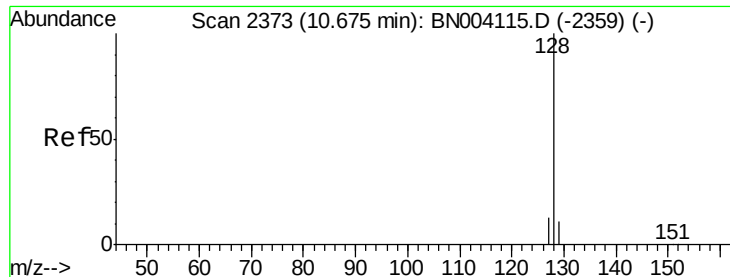
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 20 05:53:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN11918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 20 05:49:27 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.052 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9E44

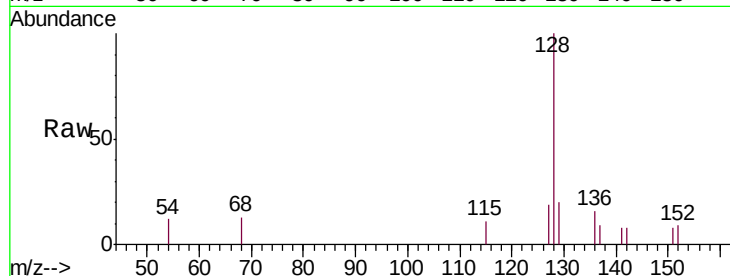
Tgt Ion:128 Resp: 1073

Ion Ratio Lower Upper

128 100

129 20.1 9.0 13.6#

127 19.4 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

10.68

800

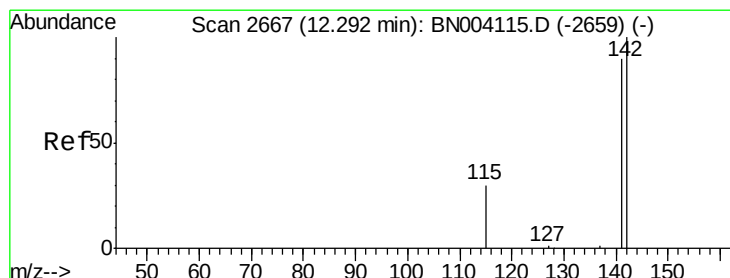
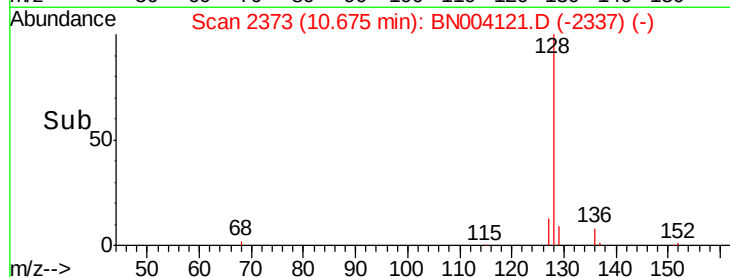
600

400

200

0

Time-->



#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

RT: 12.29 min Scan# 2666

Delta R.T. -0.01 min

Lab File: BN004121.D

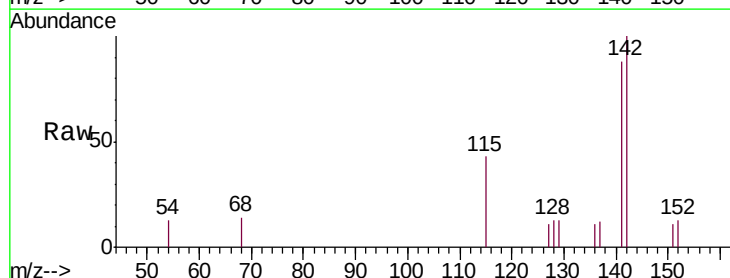
Acq: 19 Dec 2018 19:39

Tgt Ion:142 Resp: 737

Ion Ratio Lower Upper

142 100

141 89.8 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.29

500

400

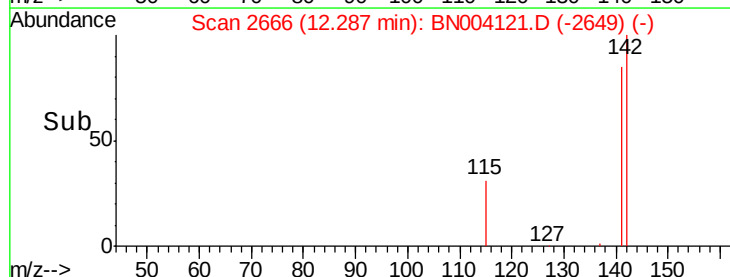
300

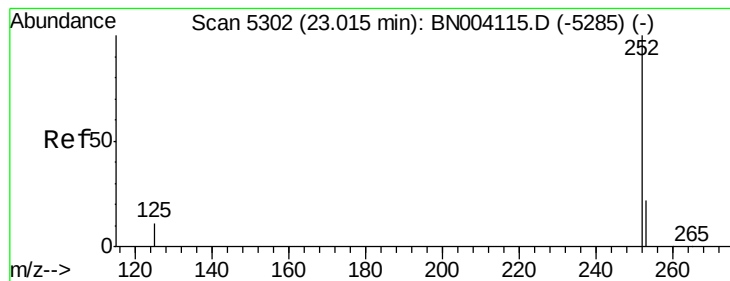
200

100

0

Time-->





#21

Benzo(b)fluoranthene

Concen: 0.178 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. 0.00 min

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Instrument :

BNA_N

ClientSampleId :

F9E44

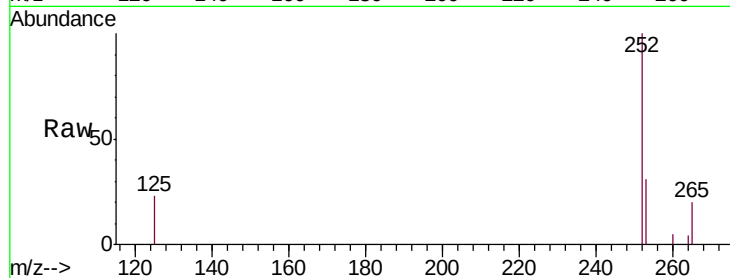
Tgt Ion:252 Resp: 9600

Ion Ratio Lower Upper

252 100

253 30.8 0.0 46.0

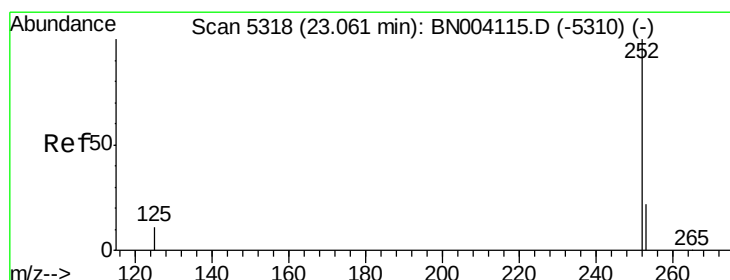
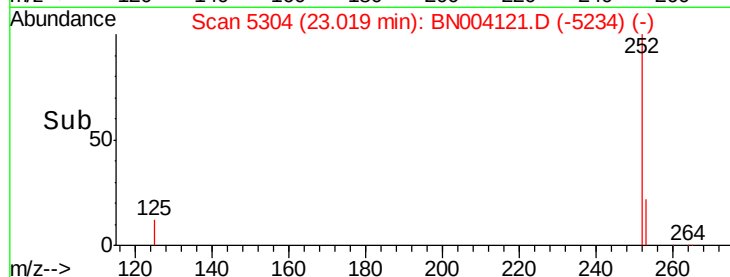
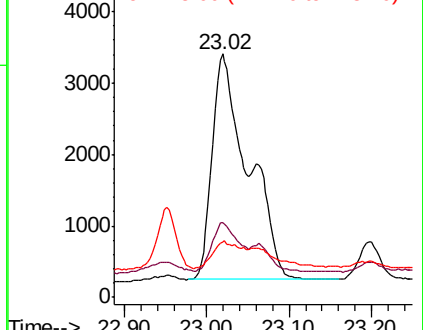
125 22.6 0.0 22.4#



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: 0.184 ng/ul

RT: 23.02 min Scan# 5304

Delta R.T. -0.04 min

Lab File: BN004121.D

Acq: 19 Dec 2018 19:39

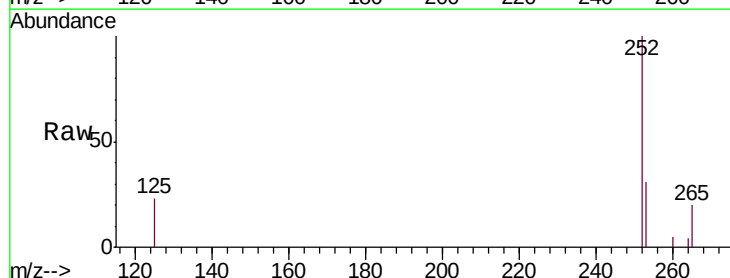
Tgt Ion:252 Resp: 9628

Ion Ratio Lower Upper

252 100

253 30.8 18.5 27.7#

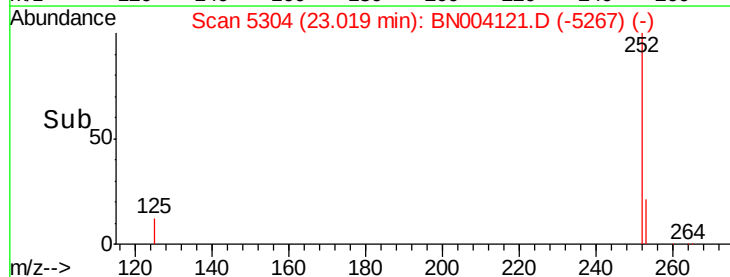
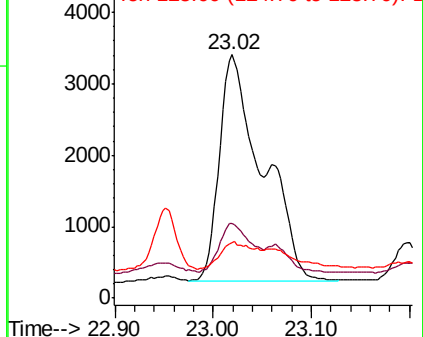
125 22.6 9.0 13.6#

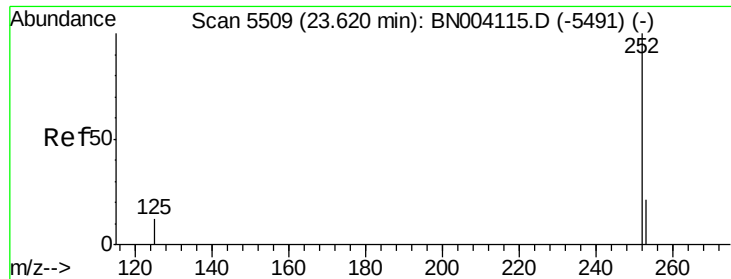


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.103 ng/ul

RT: 23.62 min Scan# 5510

Delta R.T. 0.00 min

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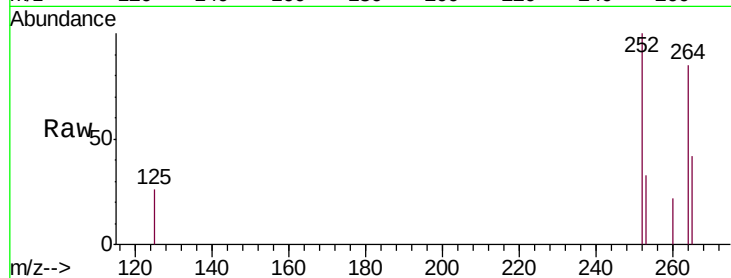
Tgt Ion:252 Resp: 4820

Ion Ratio Lower Upper

252 100

253 33.4 19.0 28.4#

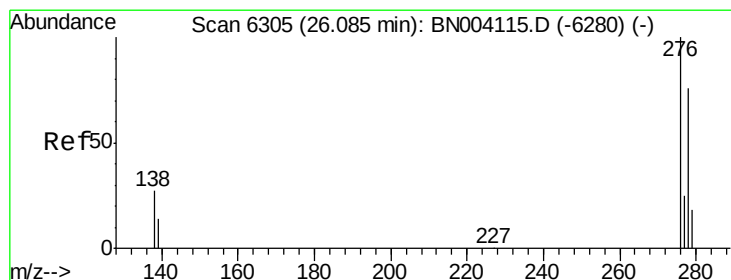
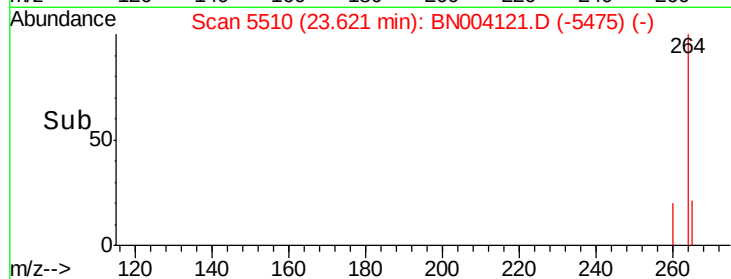
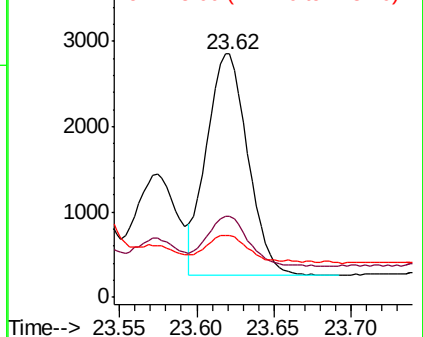
125 25.6 10.2 15.4#



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: 0.075 ng/ul

RT: 26.09 min Scan# 6306

Delta R.T. 0.00 min

Lab File: BN004121.D

Acq: 19 Dec 2018 19:39

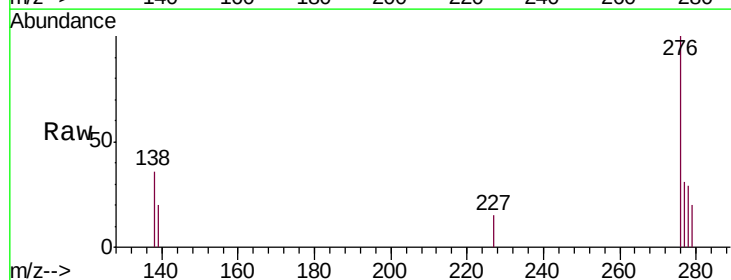
Tgt Ion:276 Resp: 3989

Ion Ratio Lower Upper

276 100

138 24.4 20.3 30.5

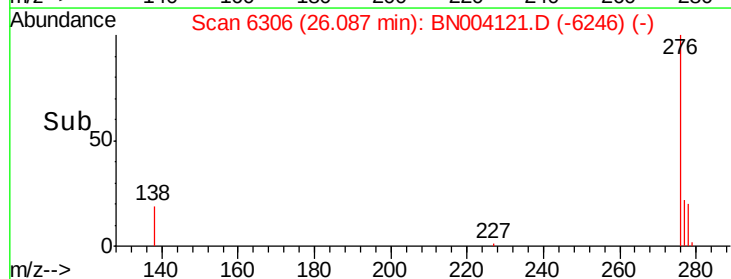
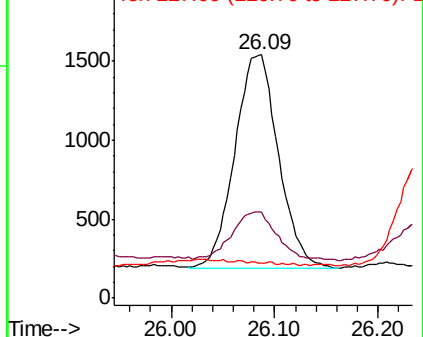
227 0.0 0.2 0.2#

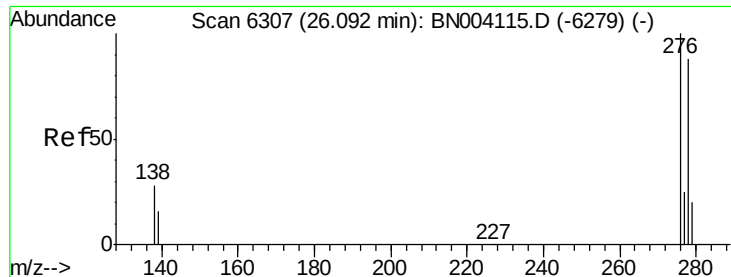


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 0.028 ng/ul

RT: 26.08 min Scan# 6304

Delta R.T. -0.01 min

Lab File: BN004121.D

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BNA_N

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F9E44

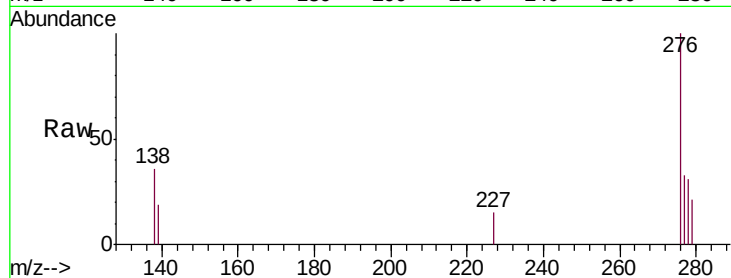
Tgt Ion: 278 Resp: 1198

Ion Ratio Lower Upper

278 100

139 63.7 14.2 21.4#

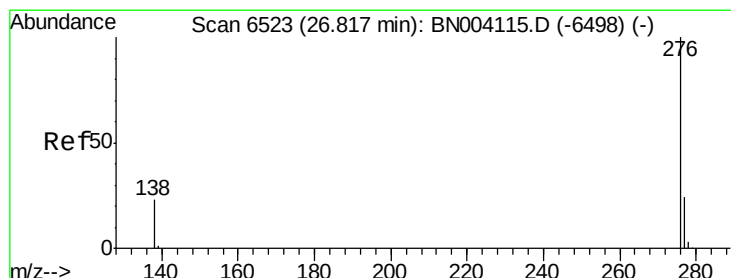
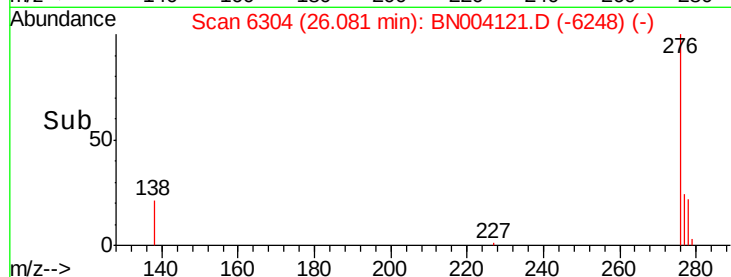
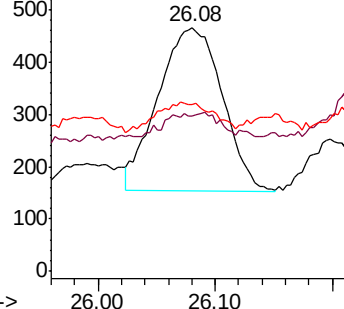
279 68.2 19.8 29.6#



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: 0.165 ng/ul

RT: 26.81 min Scan# 6522

Delta R.T. -0.00 min

Lab File: BN004121.D

Acq: 19 Dec 2018 19:39

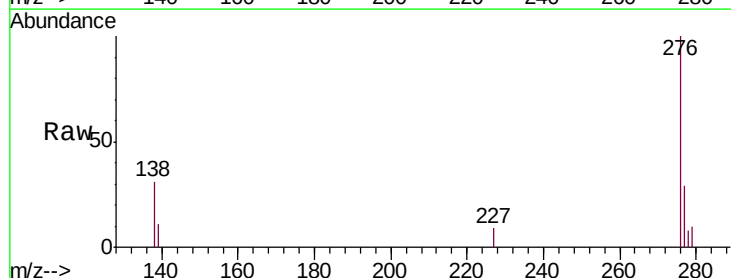
Tgt Ion: 276 Resp: 7660

Ion Ratio Lower Upper

276 100

138 30.9 17.7 26.5#

277 29.3 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

