

Data File : BN003825.D
Acq On : 11 Dec 2018 21:19
Operator : JU/SJ
Sample : J6170-19
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9M14

Quant Time: Dec 12 02:56:50 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 12 02:52:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	4935	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	18933	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	8911	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	682633	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	14448	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	5331	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

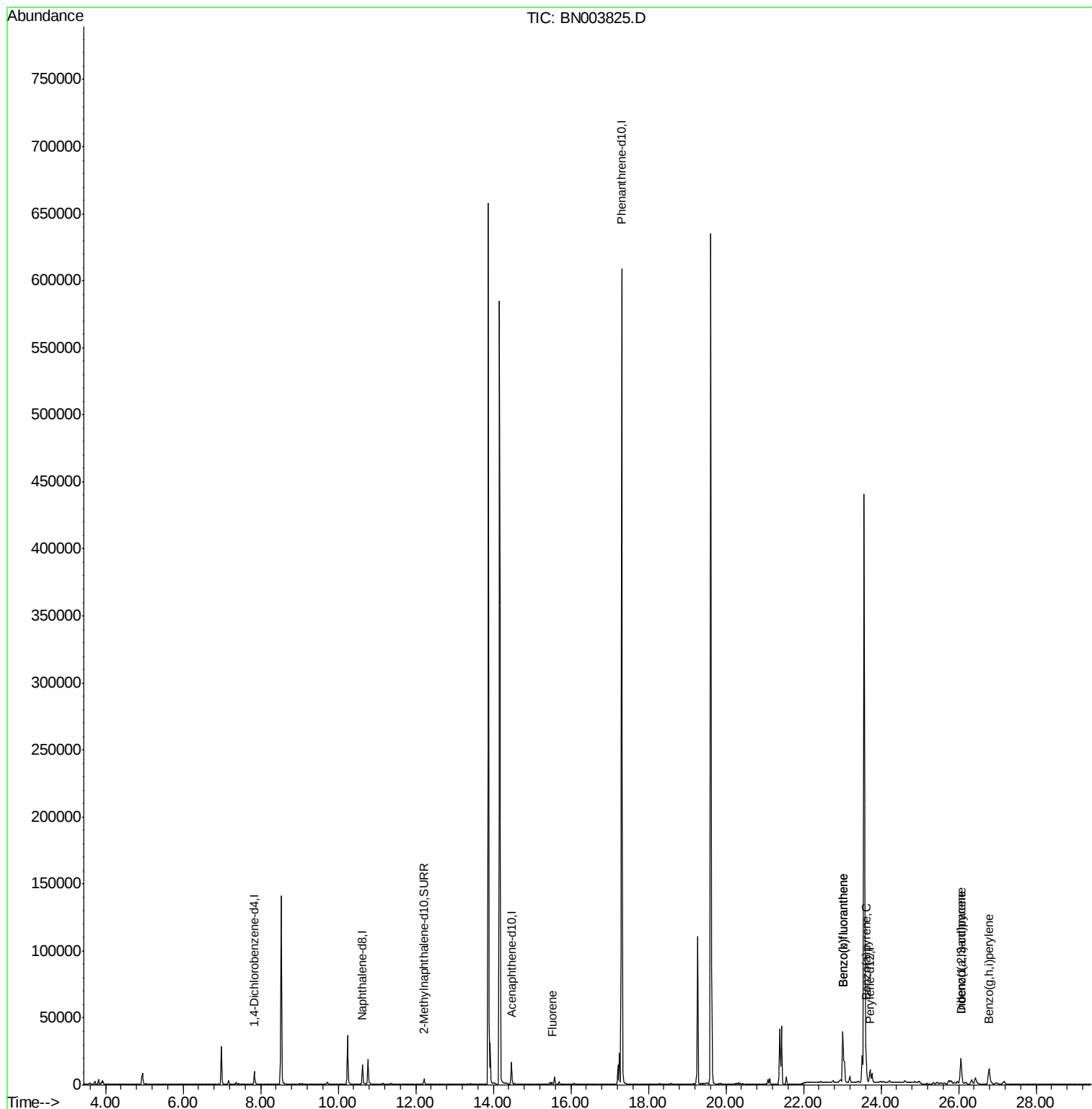
Target Compounds				Qvalue		
9) Fluorene	15.52	166	1058	0.026	ng/ul#	96
21) Benzo(b)fluoranthene	23.01	252	81449	1.363	ng/ul	98
22) Benzo(k)fluoranthene	23.01	252	81443	1.399	ng/ul	99
23) Benzo(a)pyrene	23.61	252	33947	0.656	ng/ul	99
24) Indeno(1,2,3-cd)pyrene	26.06	276	30865	0.520	ng/ul	95
25) Dibenzo(a,h)anthracene	26.07	278	7653	0.160	ng/ul#	88
26) Benzo(g,h,i)perylene	26.78	276	24541	0.476	ng/ul	96

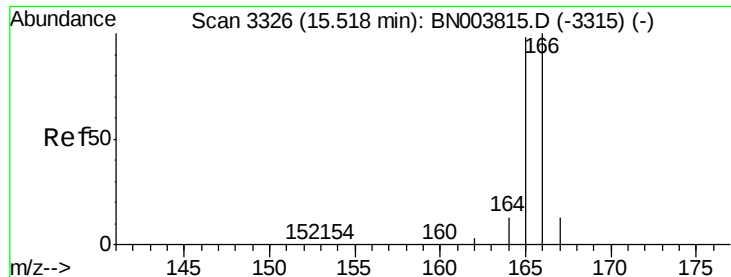
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.026 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. -0.00 min

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Acq: 11 Dec 2018 21:19

Instrument :

BNA_N

ClientSampleId :

F9M14

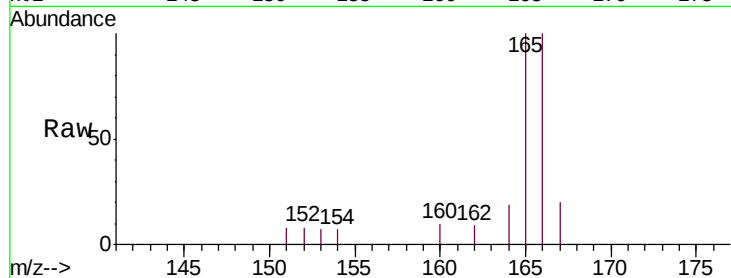
Tgt Ion:166 Resp: 1058

Ion Ratio Lower Upper

166 100

165 99.8 78.3 117.5

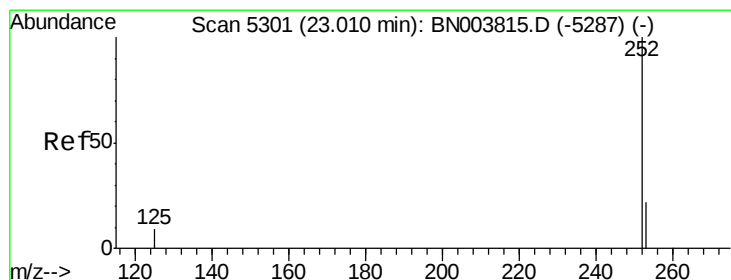
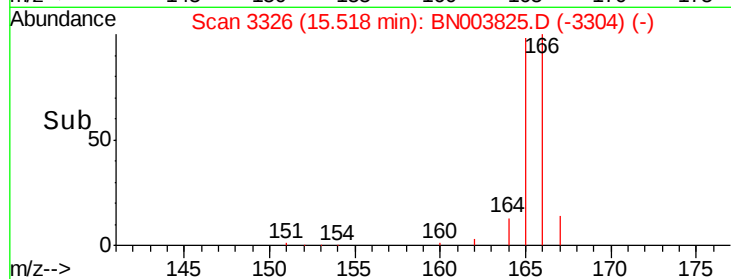
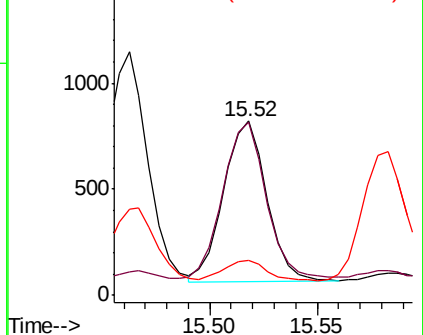
167 20.4 11.3 16.9#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#21

Benzo(b)fluoranthene

Concen: 1.363 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.00 min

Lab File: BN003825.D

Acq: 11 Dec 2018 21:19

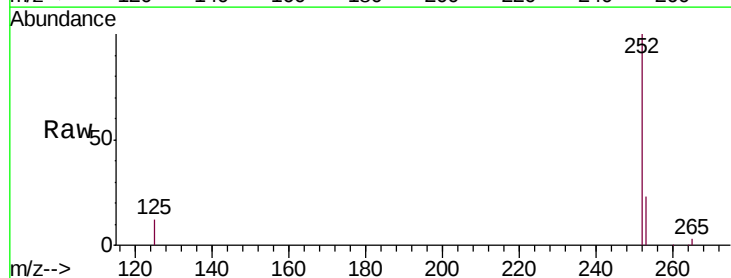
Tgt Ion:252 Resp: 81449

Ion Ratio Lower Upper

252 100

253 23.4 0.0 46.0

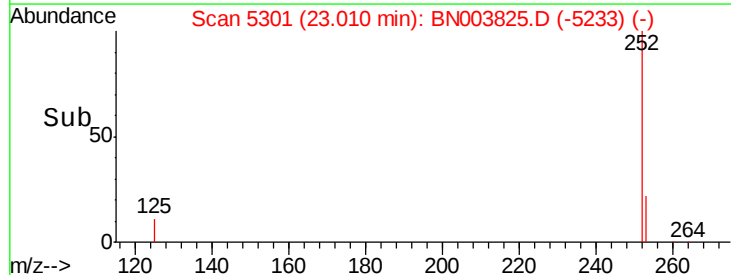
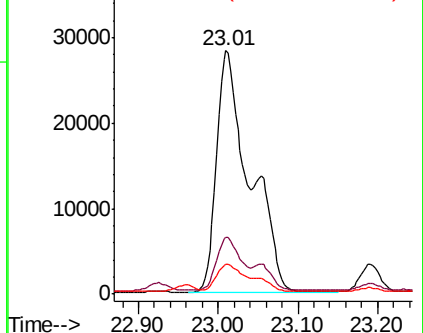
125 12.4 0.0 22.4

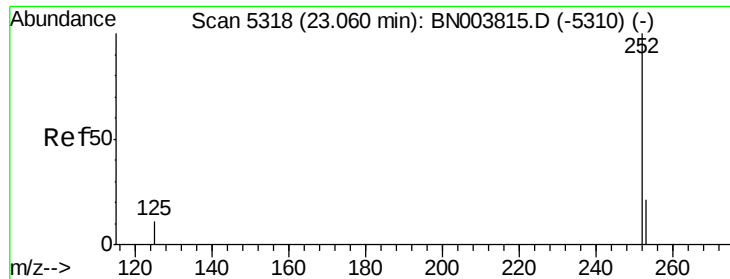


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 1.399 ng/ul

RT: 23.01 min Scan# 5301

Delta R.T. -0.05 min

Lab File: BN003825.D

Acq: 11 Dec 2018 21:19

Instrument :

BNA_N

ClientSampleId :

F9M14

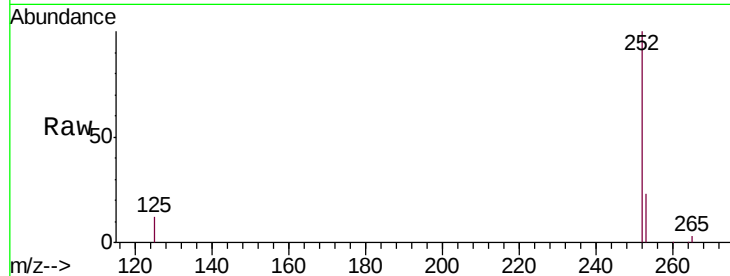
Tgt Ion:252 Resp: 81443

Ion Ratio Lower Upper

252 100

253 23.4 18.5 27.7

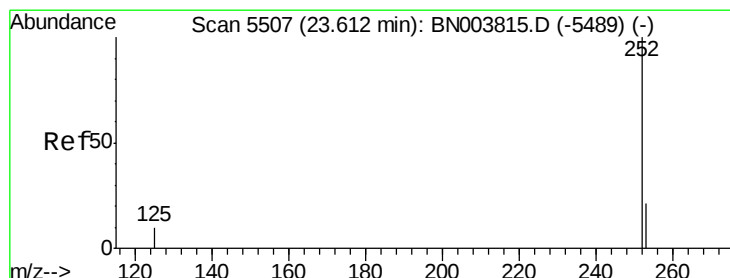
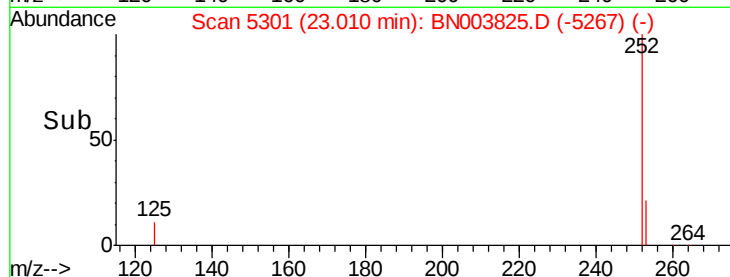
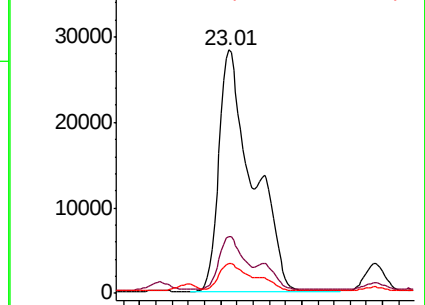
125 12.4 9.0 13.6



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: 0.656 ng/ul

RT: 23.61 min Scan# 5506

Delta R.T. -0.00 min

Lab File: BN003825.D

Acq: 11 Dec 2018 21:19

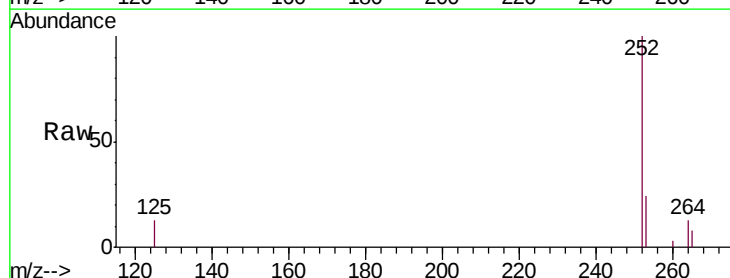
Tgt Ion:252 Resp: 33947

Ion Ratio Lower Upper

252 100

253 23.5 19.0 28.4

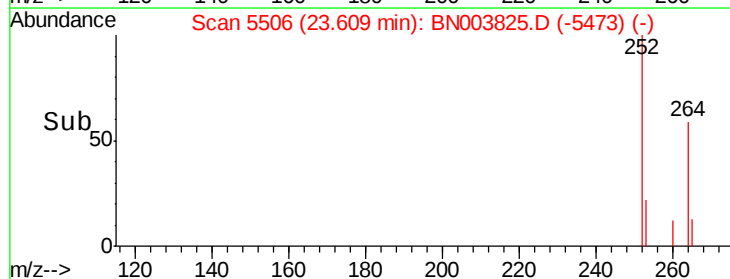
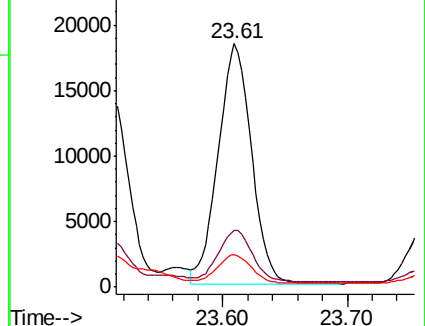
125 13.4 10.2 15.4

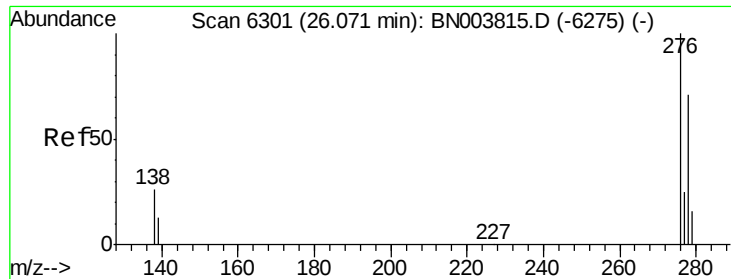


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



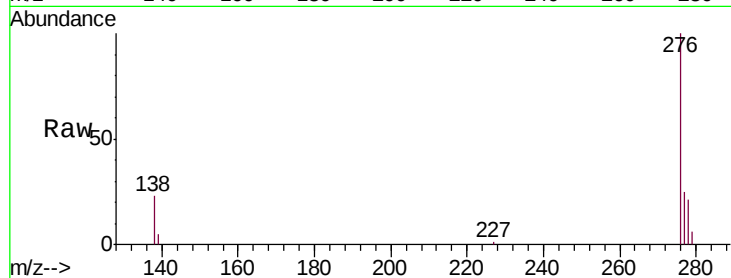


#24

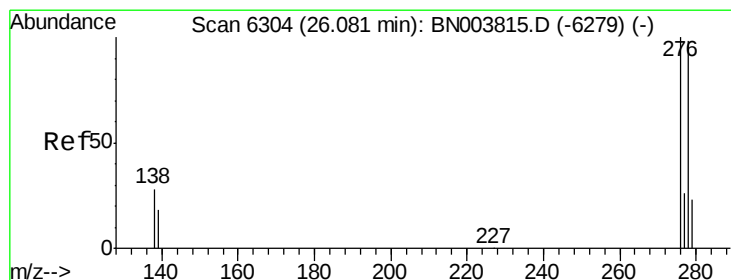
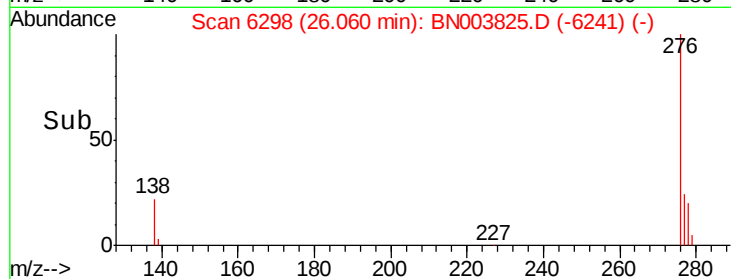
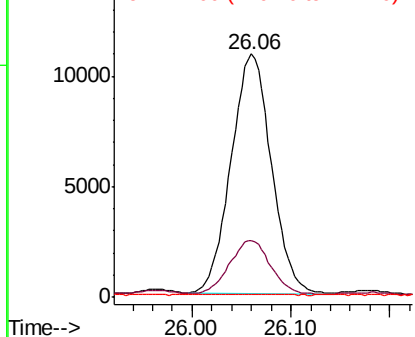
Indeno(1,2,3-cd)pyrene
Concen: 0.520 ng/u1
RT: 26.06 min Scan# 6298
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Instrument :
BNA_N
ClientSampleId :
F9M14

Tgt Ion: 276 Resp: 30865
Ion Ratio Lower Upper
276 100
138 22.7 20.3 30.5
227 0.2 0.2 0.2



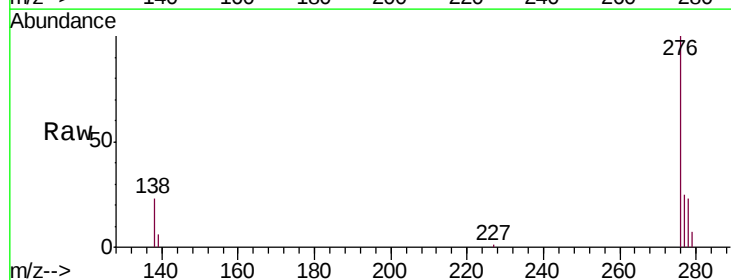
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



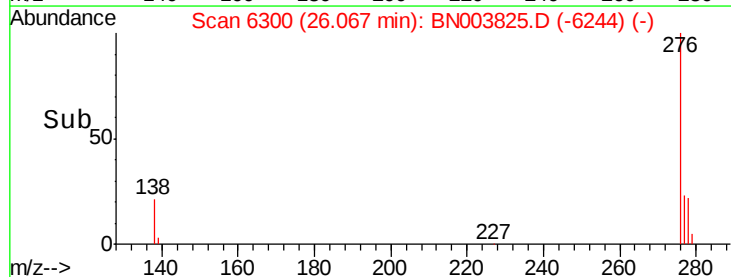
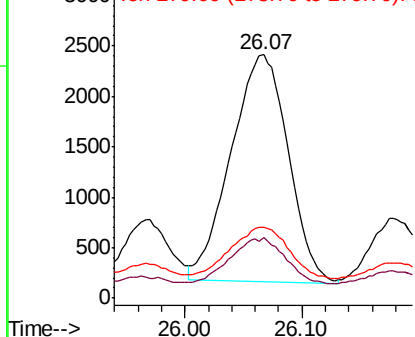
#25

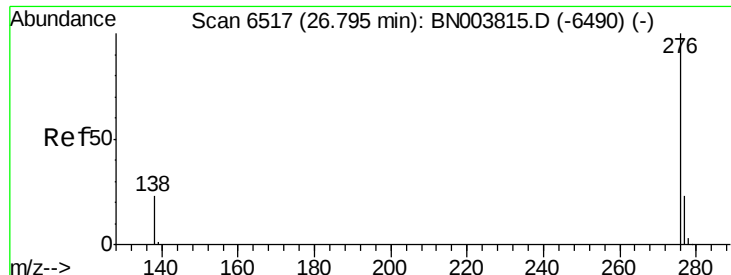
Dibenzo(a,h)anthracene
Concen: 0.160 ng/u1
RT: 26.07 min Scan# 6300
Delta R.T. -0.01 min
Lab File: BN003825.D
Acq: 11 Dec 2018 21:19

Tgt Ion: 278 Resp: 7653
Ion Ratio Lower Upper
278 100
139 25.0 14.2 21.4#
279 28.9 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: 0.476 ng/ul

RT: 26.78 min Scan# 6514

Delta R.T. -0.01 min

Lab File: BN003825.D

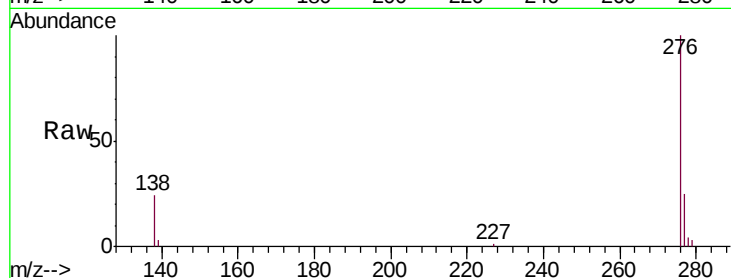
Acq: 11 Dec 2018 21:19

Instrument :

BNA_N

ClientSampleId :

F9M14



Tgt Ion: 276 Resp: 24541

Ion Ratio Lower Upper

276 100

138 24.4 17.7 26.5

277 25.3 19.3 28.9

