

Data File : BN003956.D
Acq On : 15 Dec 2018 13:20
Operator : JU/SJ
Sample : J6227-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E67

Quant Time: Dec 15 22:01:53 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 : Sat Dec 15 21:58:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	2004	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	9654	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5826	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	490269	0.40	ng/ul	0.10
16) Chrysene-d12	21.53	240	13	0.40	ng/ul	0.13
20) Perylene-d12	23.88	264	32	0.40	ng/ul	0.16

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2381	0.16	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

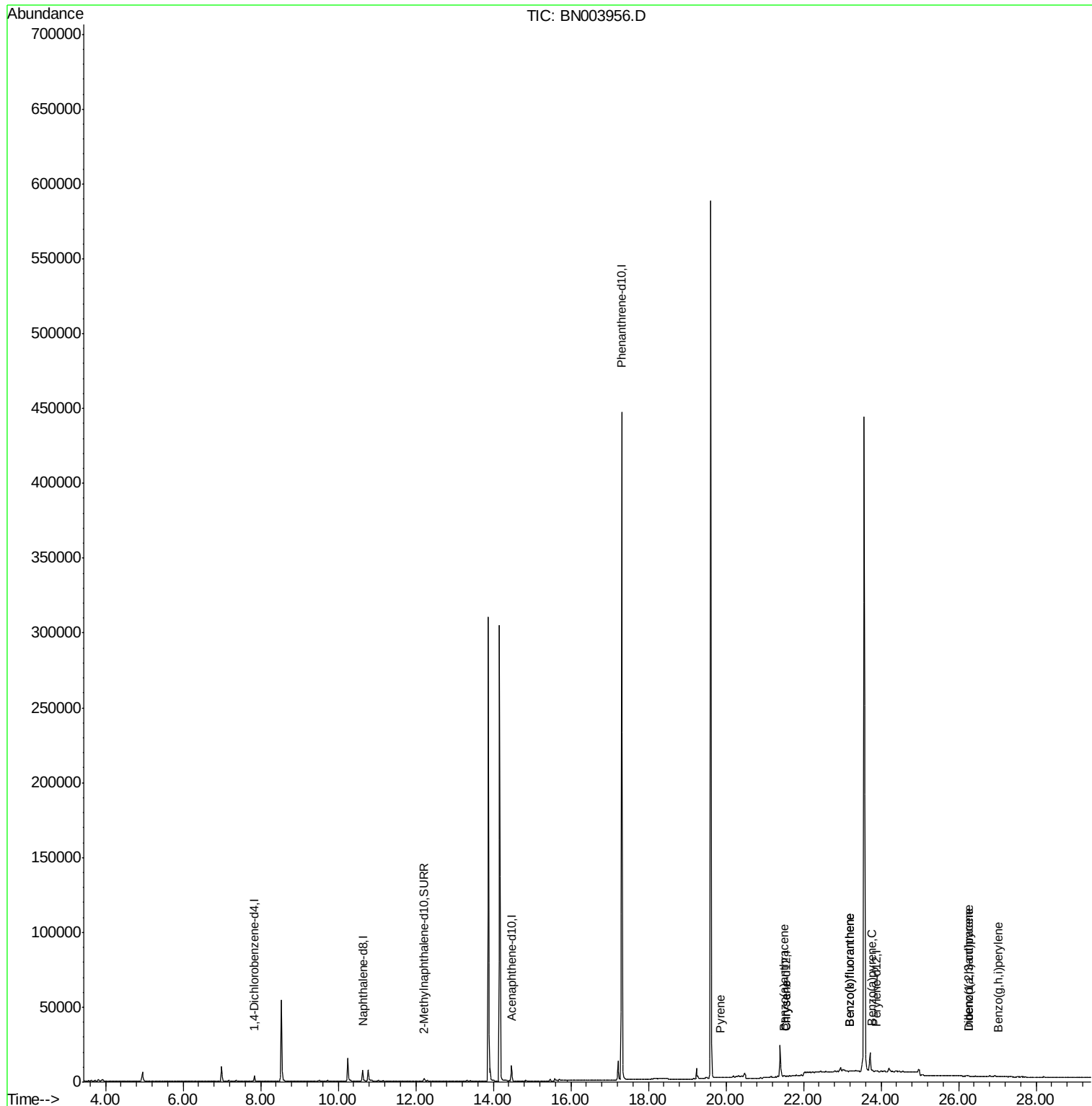
Target Compounds				Qvalue		
17) Pyrene	19.85	202	178	3.818	ng/ul#	28
18) Benzo(a)anthracene	21.49	228	182	4.433	ng/ul#	1
19) Chrysene	21.55	228	138	2.937	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	295	2.229	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	295	2.288	ng/ul#	1
23) Benzo(a)pyrene	23.77	252	259	2.259	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.26	276	15	0.114	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.25	278	11	0.104	ng/ul#	1
26) Benzo(g,h,i)perylene	27.02	276	58	0.508	ng/ul#	1

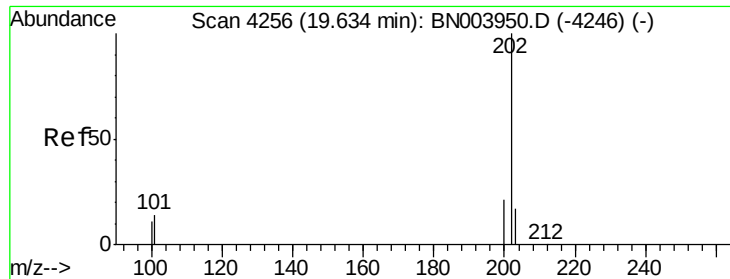
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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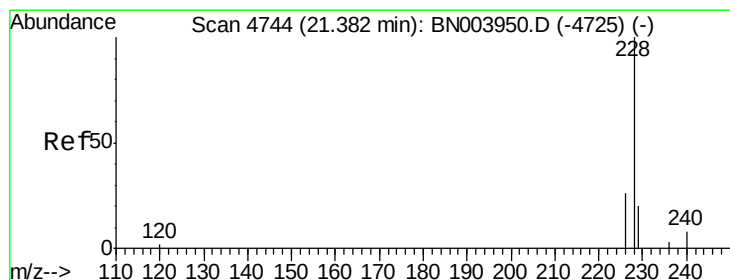
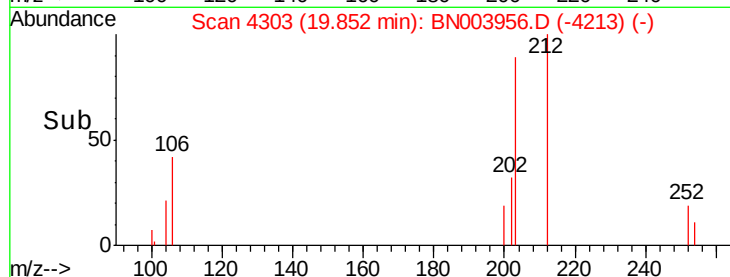
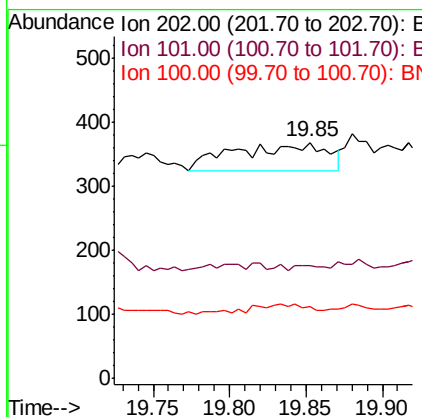
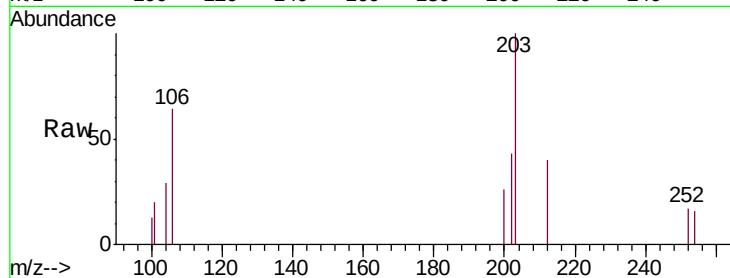




#17
 Pyrene
 Concen: 3.818 ng/ul
 RT: 19.85 min Scan# 4303
 Delta R.T. 0.22 min
 Lab File: BN003956.D
 Acq: 15 Dec 2018 13:20

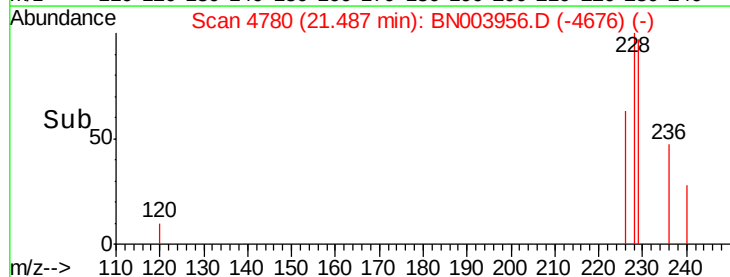
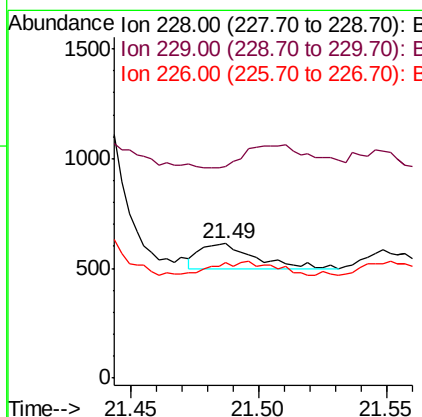
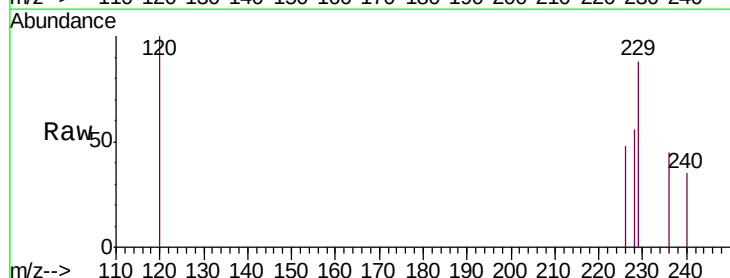
Instrument :
 BNA_N
 ClientSampleId :
 F9E67

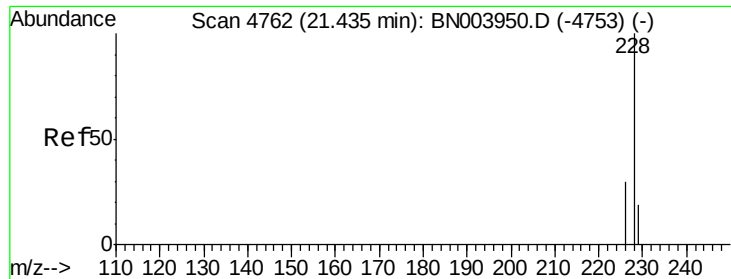
Tgt Ion:202 Resp: 178
 Ion Ratio Lower Upper
 202 100
 101 47.6 10.3 15.5#
 100 30.4 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 4.433 ng/ul
 RT: 21.49 min Scan# 4780
 Delta R.T. 0.11 min
 Lab File: BN003956.D
 Acq: 15 Dec 2018 13:20

Tgt Ion:228 Resp: 182
 Ion Ratio Lower Upper
 228 100
 229 157.2 15.6 23.4#
 226 86.2 21.1 31.7#





#19

Chrysene

Concen: 2.937 ng/ul

RT: 21.55 min Scan# 4801

Delta R.T. 0.11 min

Lab File: BN003956.D

Acq: 15 Dec 2018 13:20

Instrument :

BNA_N

ClientSampleId :

F9E67

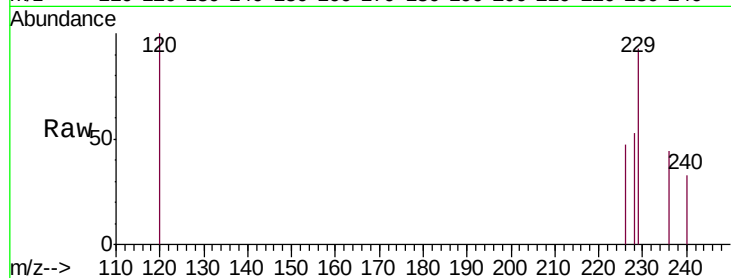
Tgt Ion:228 Resp: 138

Ion Ratio Lower Upper

228 100

226 88.7 24.0 36.0#

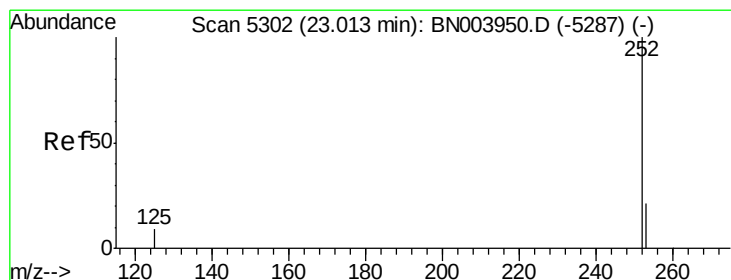
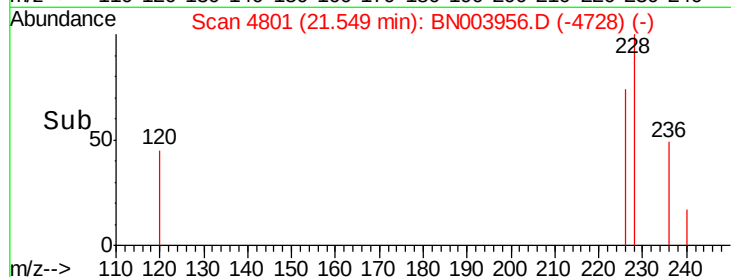
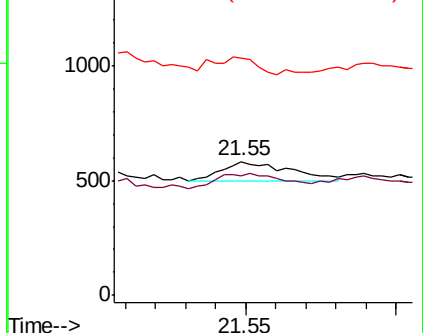
229 176.6 15.7 23.5#



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: 2.229 ng/ul

RT: 23.19 min Scan# 5362

Delta R.T. 0.18 min

Lab File: BN003956.D

Acq: 15 Dec 2018 13:20

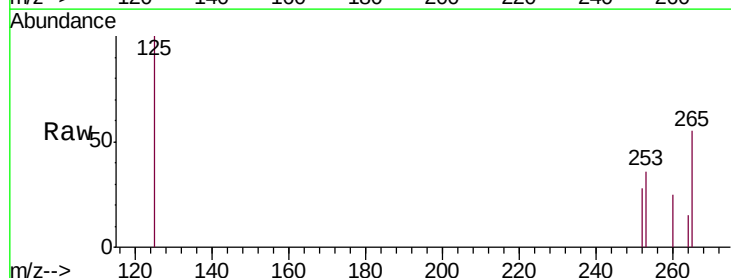
Tgt Ion:252 Resp: 295

Ion Ratio Lower Upper

252 100

253 129.4 0.0 46.0#

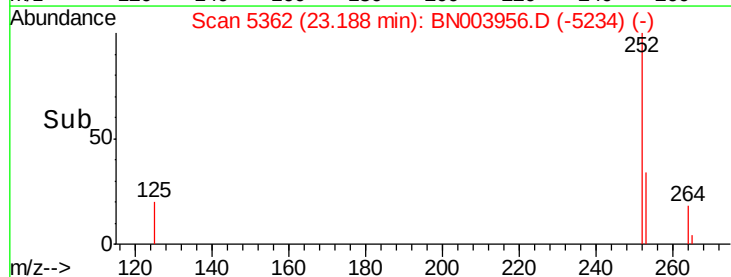
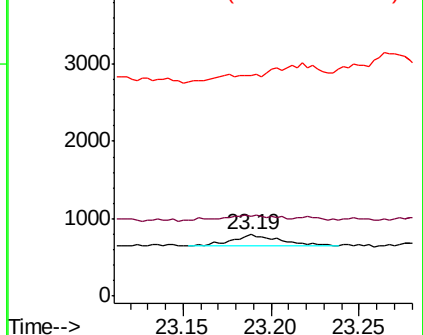
125 358.7 0.0 22.4#

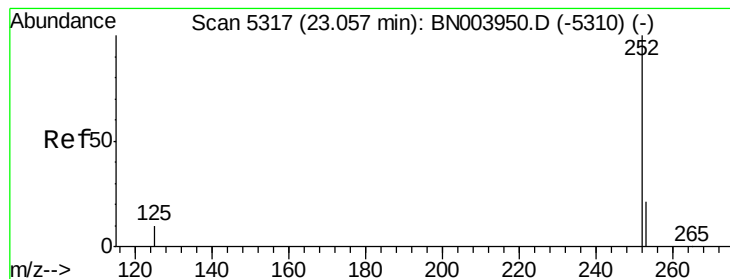


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 2.288 ng/ul

RT: 23.19 min Scan# 5362

Delta R.T. 0.13 min

Lab File: BN003956.D

Acq: 15 Dec 2018 13:20

Instrument :

BNA_N

ClientSampleId :

F9E67

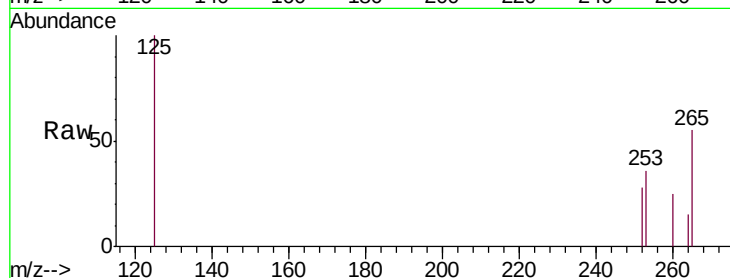
Tgt Ion:252 Resp: 295

Ion Ratio Lower Upper

252 100

253 129.4 18.5 27.7#

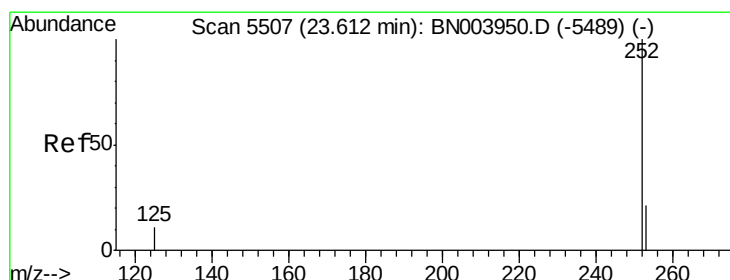
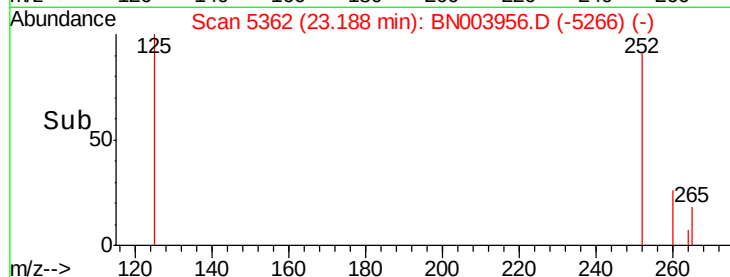
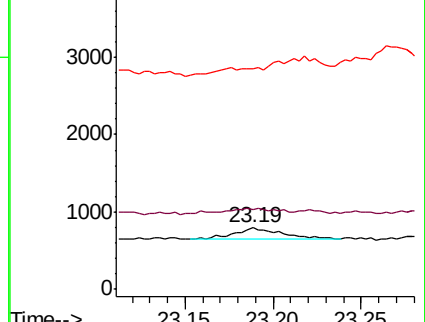
125 358.7 9.0 13.6#



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: 2.259 ng/ul

RT: 23.77 min Scan# 5560

Delta R.T. 0.15 min

Lab File: BN003956.D

Acq: 15 Dec 2018 13:20

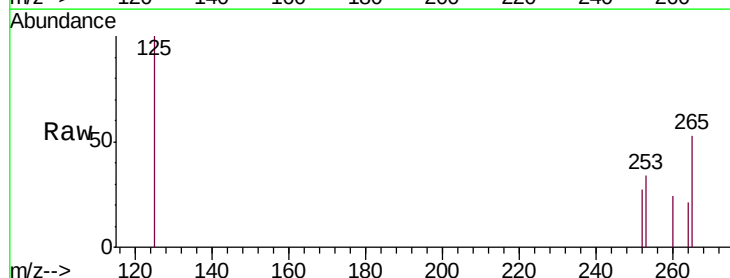
Tgt Ion:252 Resp: 259

Ion Ratio Lower Upper

252 100

253 125.3 19.0 28.4#

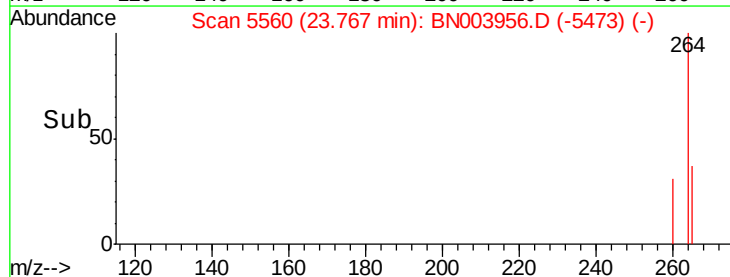
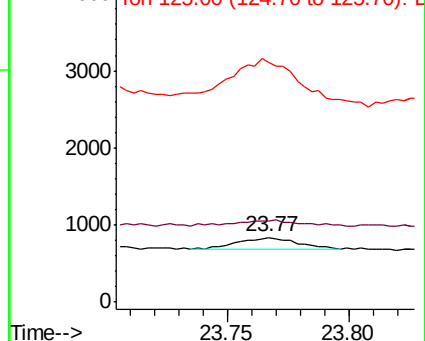
125 371.8 10.2 15.4#

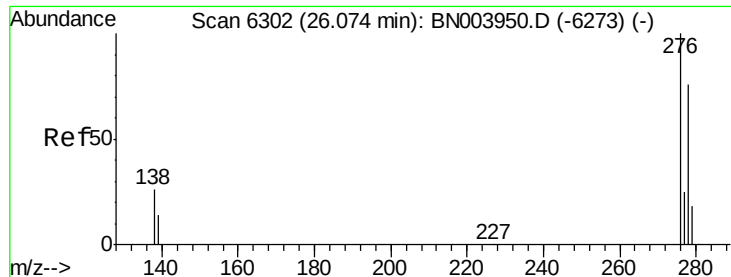


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



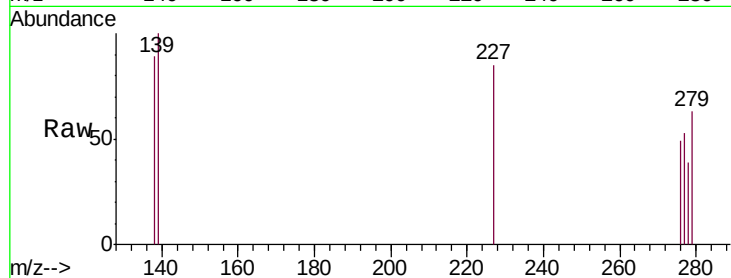


#24

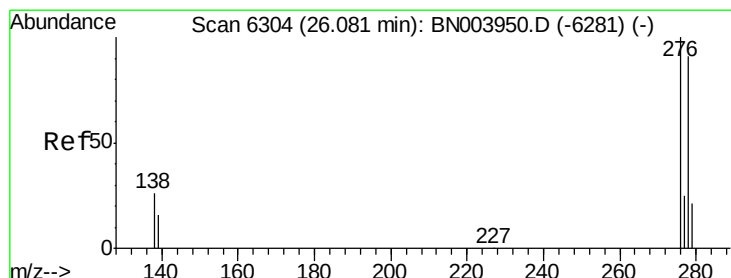
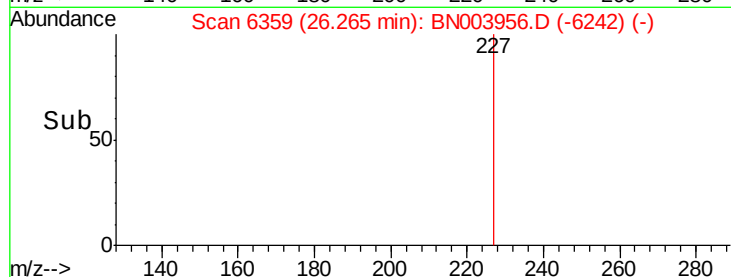
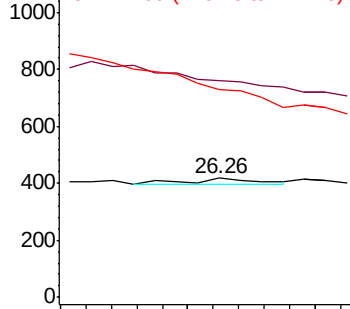
Indeno(1,2,3-cd)pyrene
Concen: 0.114 ng/ul
RT: 26.26 min Scan# 6359
Delta R.T. 0.19 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

Instrument :
BNA_N
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F9E67

Tgt Ion: 276 Resp: 15
Ion Ratio Lower Upper
276 100
138 0.0 20.3 30.5#
227 0.0 0.2 0.2#



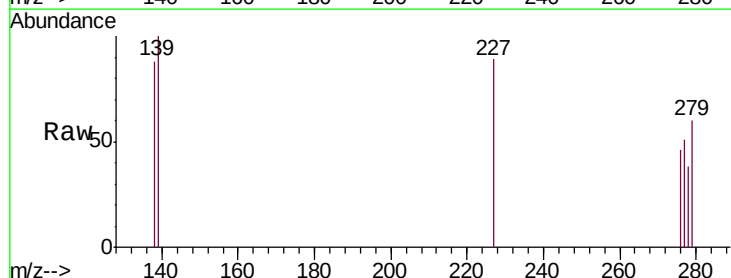
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



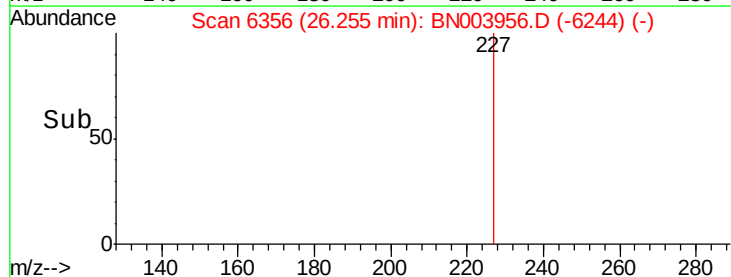
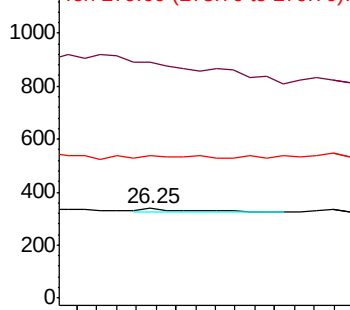
#25

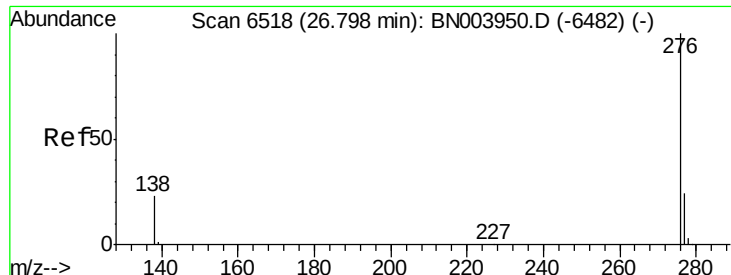
Dibenzo(a,h)anthracene
Concen: 0.104 ng/ul
RT: 26.25 min Scan# 6356
Delta R.T. 0.17 min
Lab File: BN003956.D
Acq: 15 Dec 2018 13:20

Tgt Ion: 278 Resp: 11
Ion Ratio Lower Upper
278 100
139 263.4 14.2 21.4#
279 159.0 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: 0.508 ng/ul

RT: 27.02 min Scan# 6585

Delta R.T. 0.22 min

Lab File: BN003956.D

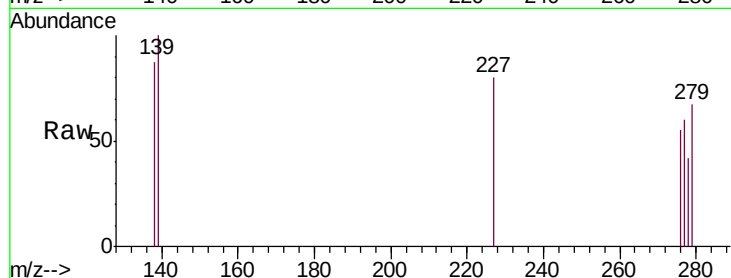
Acq: 15 Dec 2018 13:20

Instrument :

BNA_N

ClientSampleId :

F9E67



Tgt Ion: 276 Resp: 58

Ion Ratio Lower Upper

276 100

138 159.7 17.7 26.5#

277 110.4 19.3 28.9#

