

Data File : BN003958.D
Acq On : 15 Dec 2018 14:31
Operator : JU/SJ
Sample : J6227-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F33

Quant Time: Dec 15 22:02:07 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	1778	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8864	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5432	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	511226	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	10	0.40	ng/ul	0.12
20) Perylene-d12	23.93	264	8	0.40	ng/ul	0.22

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2435	0.18	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

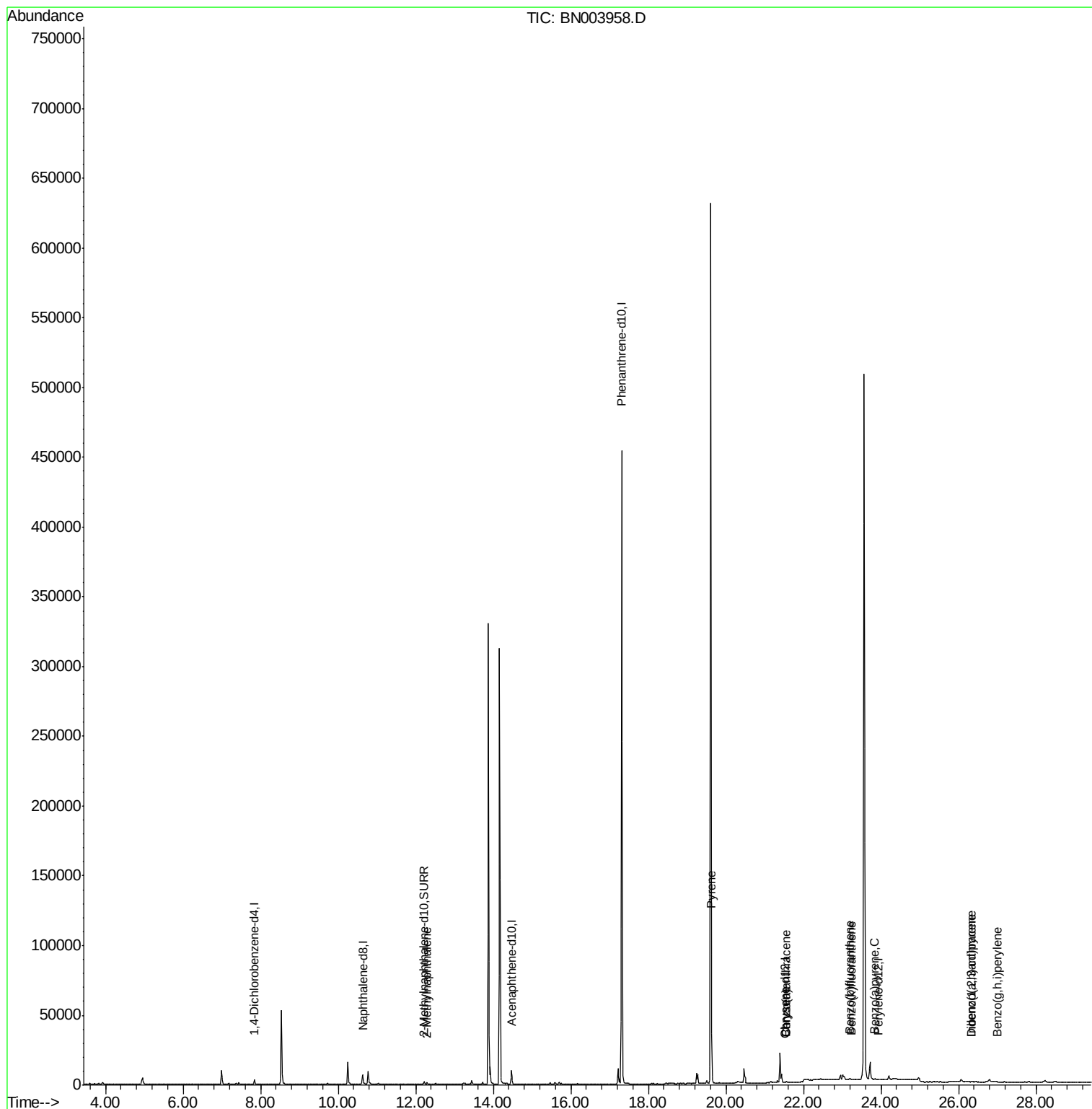
Target Compounds				Qvalue		
5) 2-Methylnaphthalene	12.29	142	814	0.047	ng/ul	100
17) Pyrene	19.63	202	9624	268.332	ng/ul#	93
18) Benzo(a)anthracene	21.55	228	462	14.627	ng/ul#	1
19) Chrysene	21.55	228	462	12.782	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	795	24.023	ng/ul#	1
22) Benzo(k)fluoranthene	23.24	252	40	1.241	ng/ul#	1
23) Benzo(a)pyrene	23.84	252	447	15.598	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.33	276	35	1.065	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.34	278	454	17.165	ng/ul#	1
26) Benzo(g,h,i)perylene	26.99	276	21	0.735	ng/ul#	1

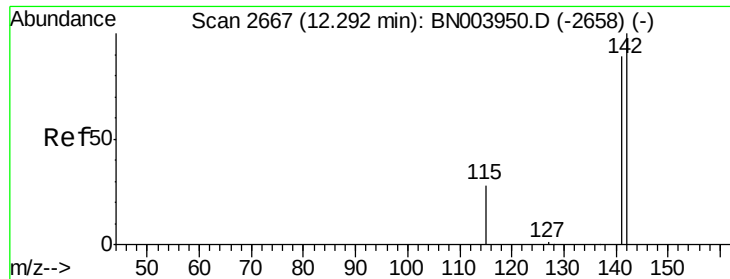
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

2-Methylnaphthalene

Concen: 0.047 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampleId :

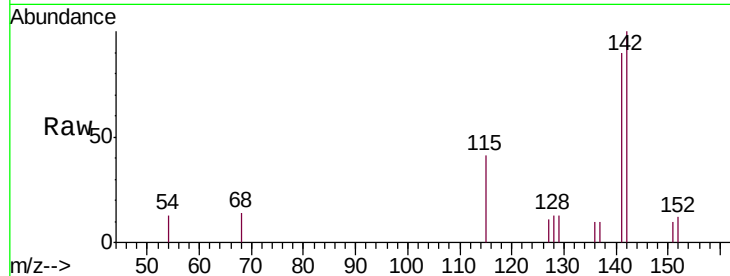
F9F33

Tgt Ion:142 Resp: 814

Ion Ratio Lower Upper

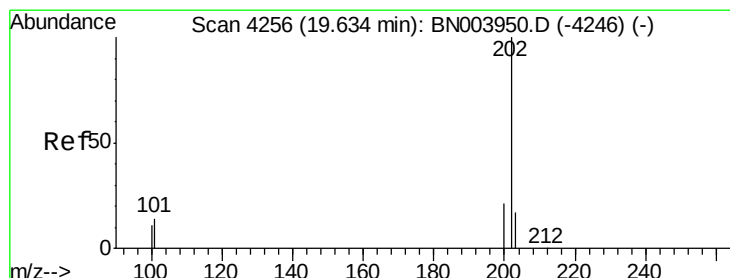
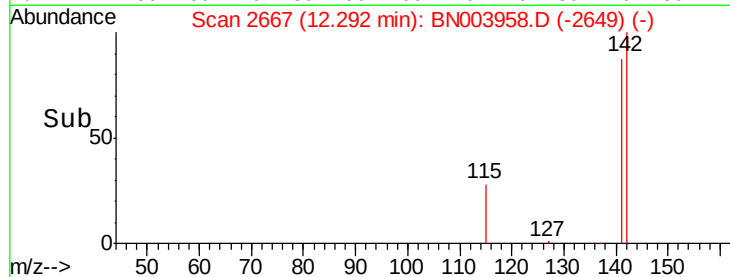
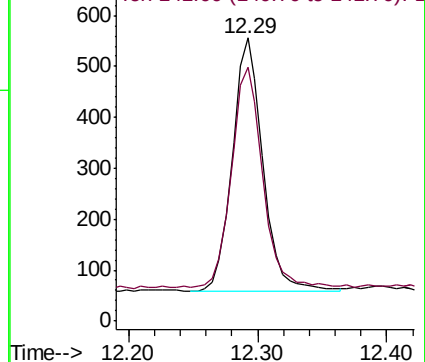
142 100

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



#17

Pyrene

Concen: 268.332 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. -0.00 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

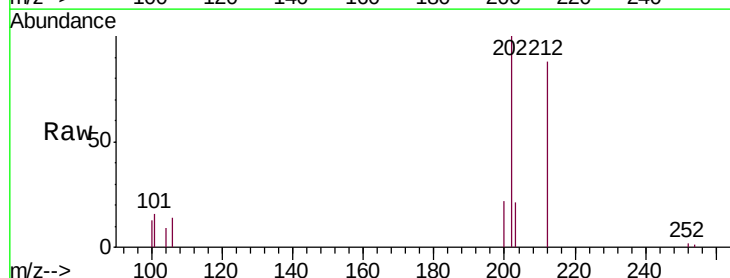
Tgt Ion:202 Resp: 9624

Ion Ratio Lower Upper

202 100

101 16.0 10.3 15.5#

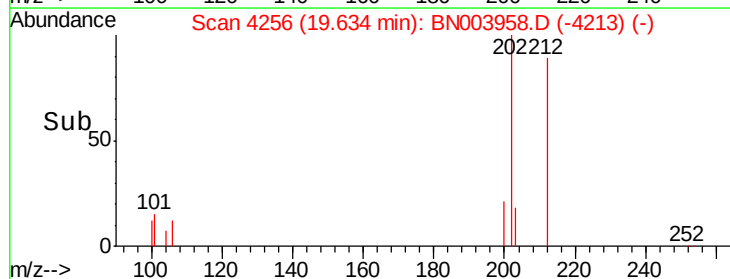
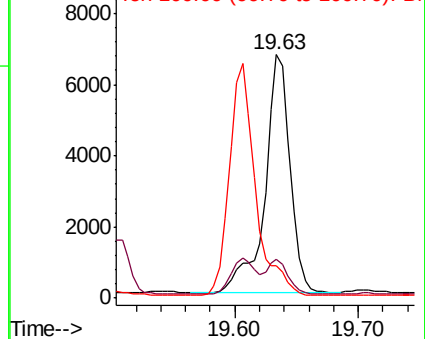
100 13.2 8.5 12.7#

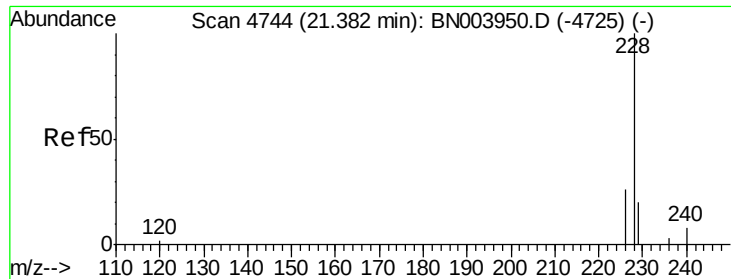


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 14.627 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.17 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampled :

F9F33

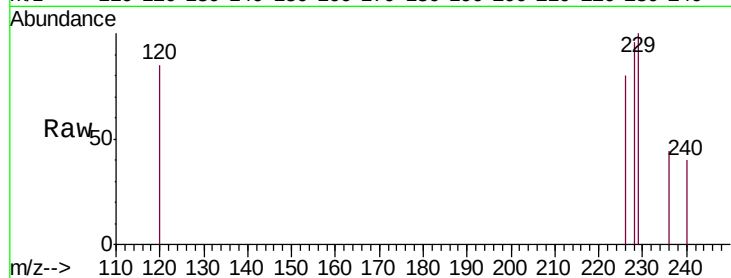
Tgt Ion:228 Resp: 462

Ion Ratio Lower Upper

228 100

229 103.7 15.6 23.4#

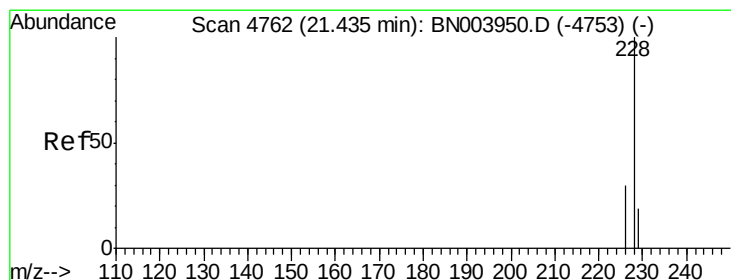
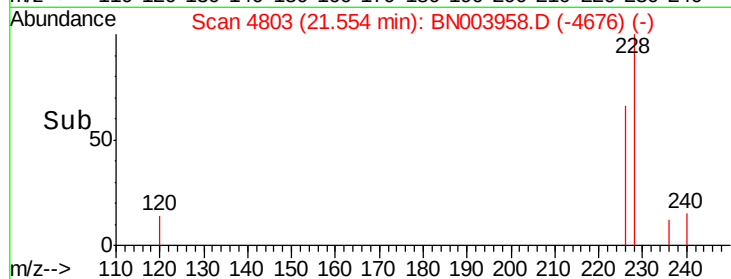
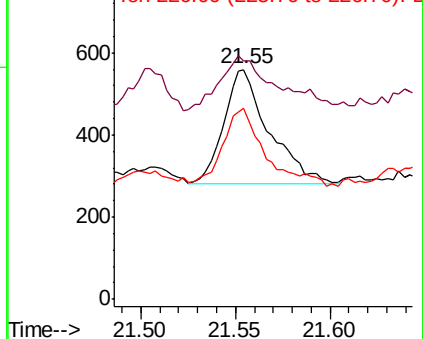
226 82.9 21.1 31.7#



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: 12.782 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.12 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

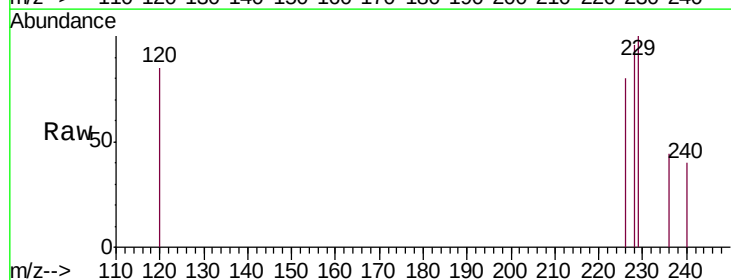
Tgt Ion:228 Resp: 462

Ion Ratio Lower Upper

228 100

226 82.9 24.0 36.0#

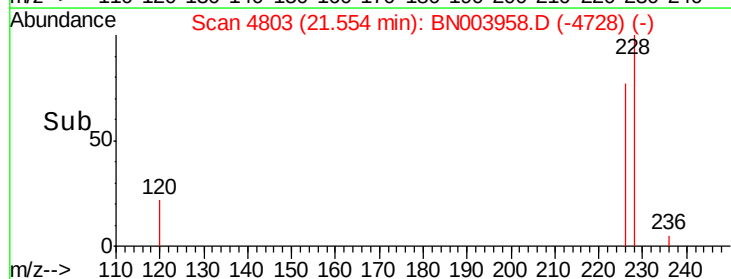
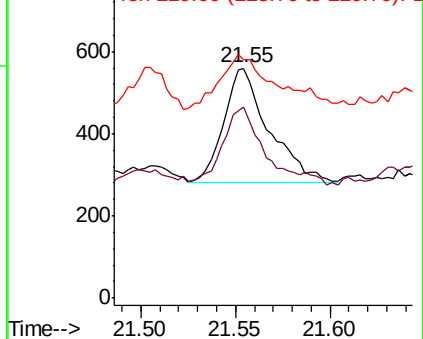
229 103.7 15.7 23.5#

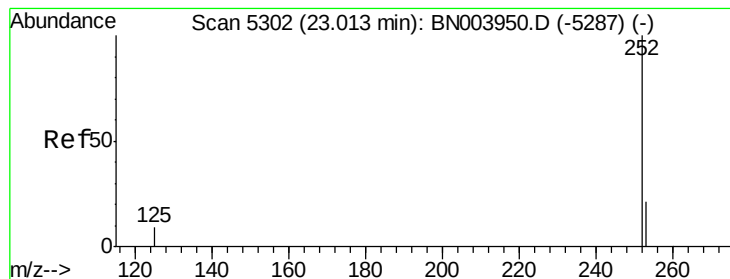


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 24.023 ng/ul

RT: 23.19 min Scan# 5363

Delta R.T. 0.18 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampleId :

F9F33

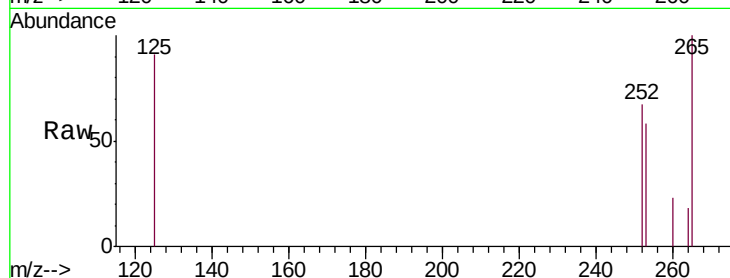
Tgt Ion:252 Resp: 795

Ion Ratio Lower Upper

252 100

253 87.9 0.0 46.0#

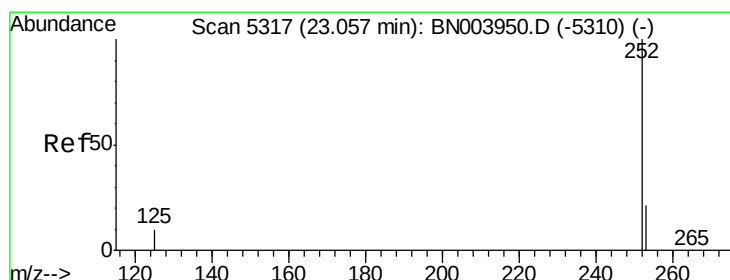
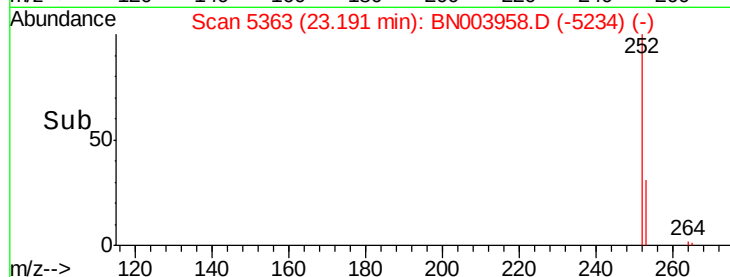
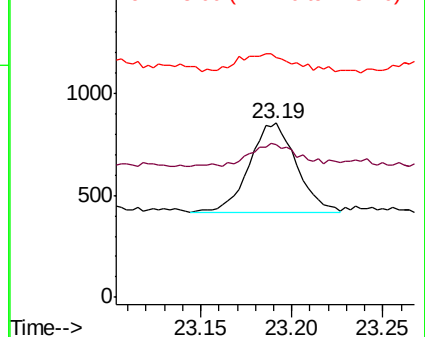
125 137.1 0.0 22.4#



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: 1.241 ng/ul

RT: 23.24 min Scan# 5378

Delta R.T. 0.18 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

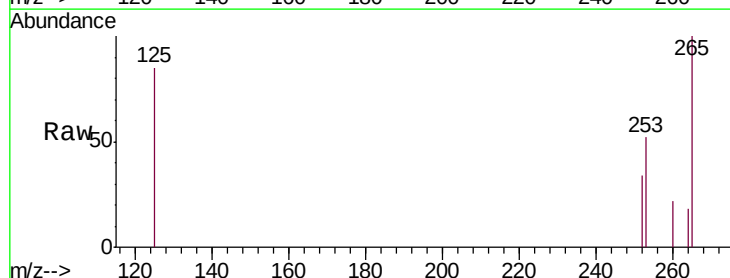
Tgt Ion:252 Resp: 40

Ion Ratio Lower Upper

252 100

253 149.7 18.5 27.7#

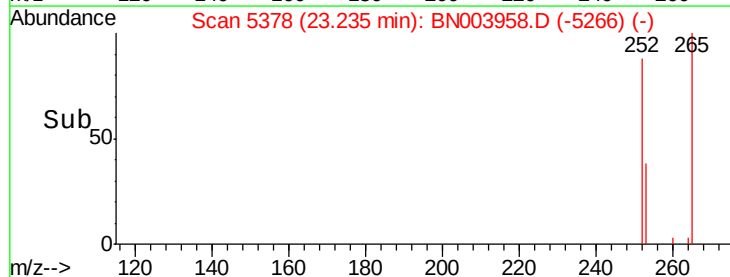
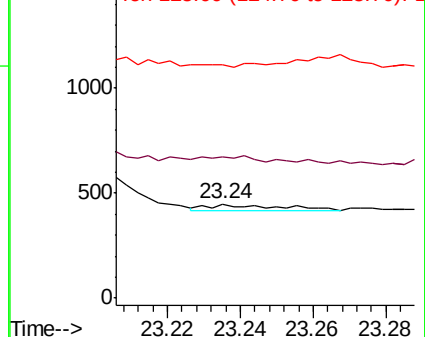
125 247.9 9.0 13.6#

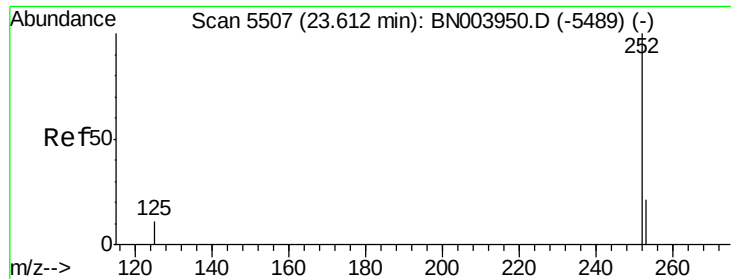


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.598 ng/uL

RT: 23.84 min Scan# 5586

Delta R.T. 0.23 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampleId :

F9F33

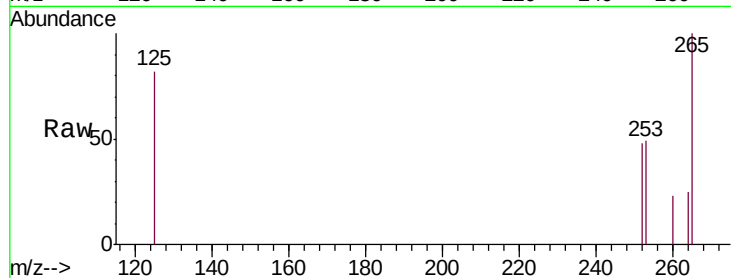
Tgt Ion: 252 Resp: 447

Ion Ratio Lower Upper

252 100

253 102.9 19.0 28.4#

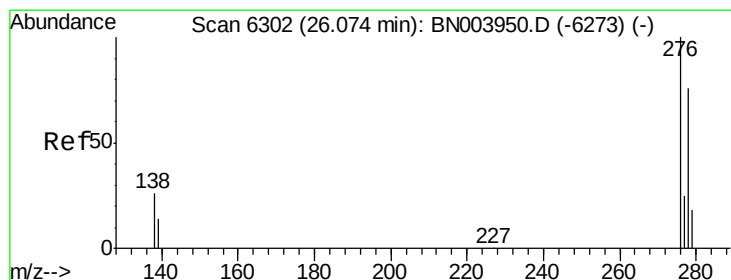
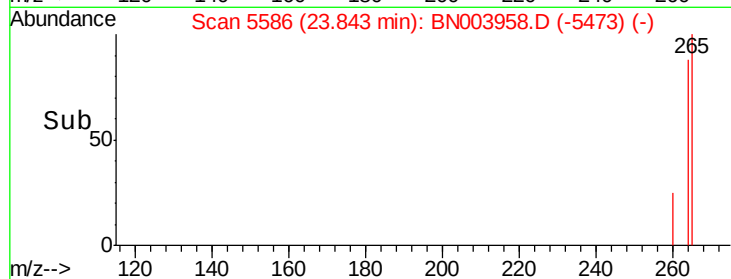
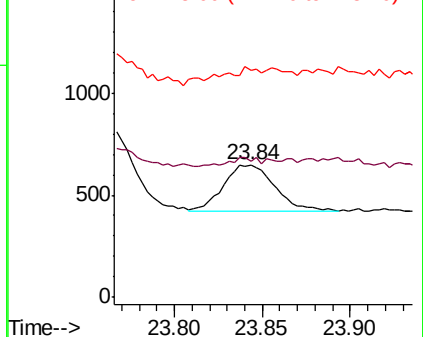
125 171.3 10.2 15.4#



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: 1.065 ng/uL

RT: 26.33 min Scan# 6377

Delta R.T. 0.25 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

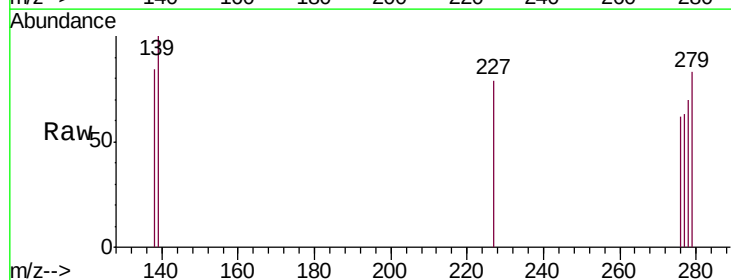
Tgt Ion: 276 Resp: 35

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

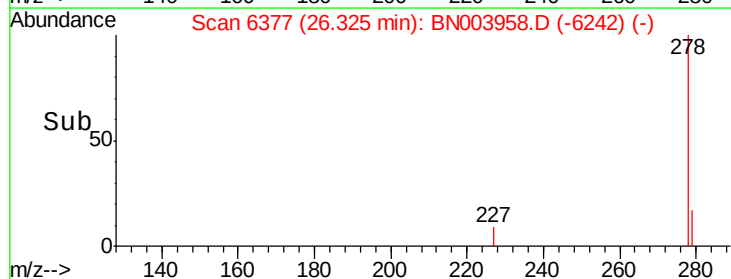
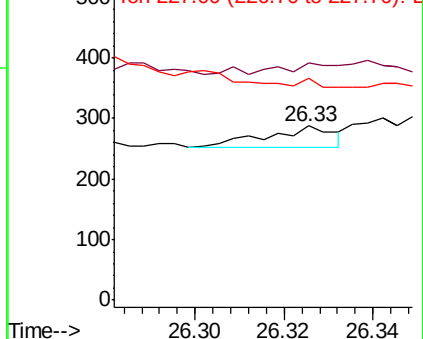
227 0.0 0.2 0.2#

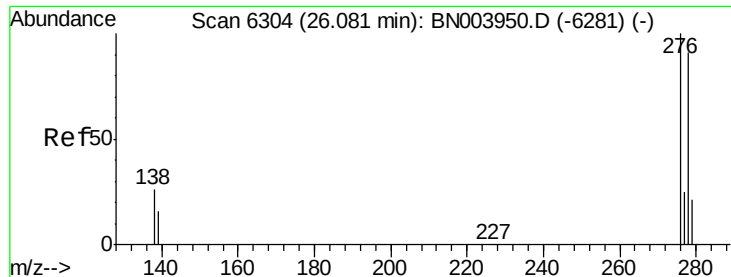


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 17.165 ng/ul

RT: 26.34 min Scan# 6382

Delta R.T. 0.26 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

Instrument :

BNA_N

ClientSampleId :

F9F33

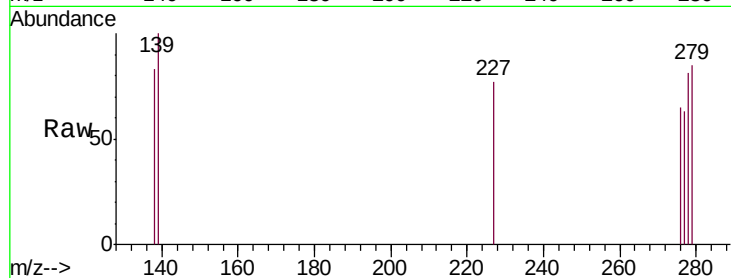
Tgt Ion:278 Resp: 454

Ion Ratio Lower Upper

278 100

139 123.7 14.2 21.4#

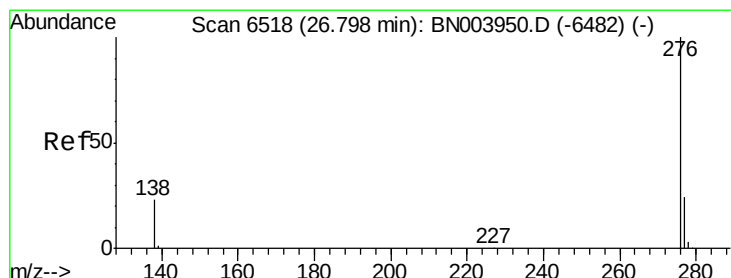
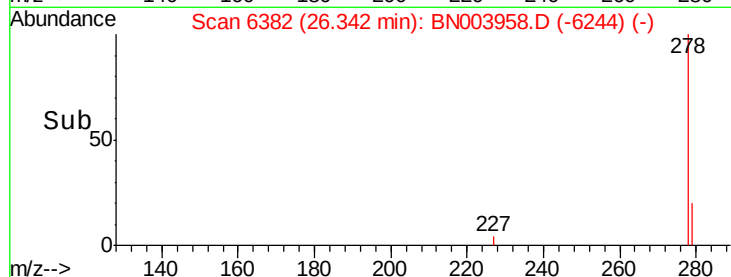
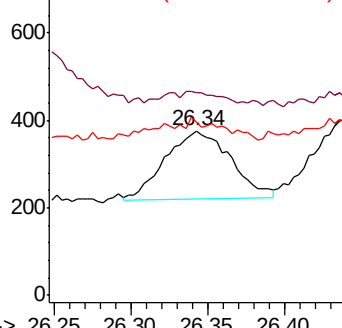
279 105.1 19.8 29.6#



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: 0.735 ng/ul

RT: 26.99 min Scan# 6576

Delta R.T. 0.19 min

Lab File: BN003958.D

Acq: 15 Dec 2018 14:31

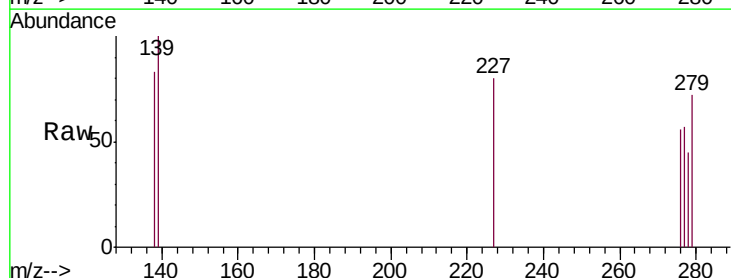
Tgt Ion:276 Resp: 21

Ion Ratio Lower Upper

276 100

138 147.0 17.7 26.5#

277 100.4 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

