

Data File : BN003951.D
Acq On : 15 Dec 2018 10:24
Operator : JU/SJ
Sample : J6227-15
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F34

Quant Time: Dec 15 22:01:09 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	2284	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	10618	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	6240	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	740656	0.40	ng/ul	0.10
16) Chrysene-d12	21.53	240	9	0.40	ng/ul	0.13
20) Perylene-d12	23.97	264	59	0.40	ng/ul	0.25

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	3749	0.23	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	

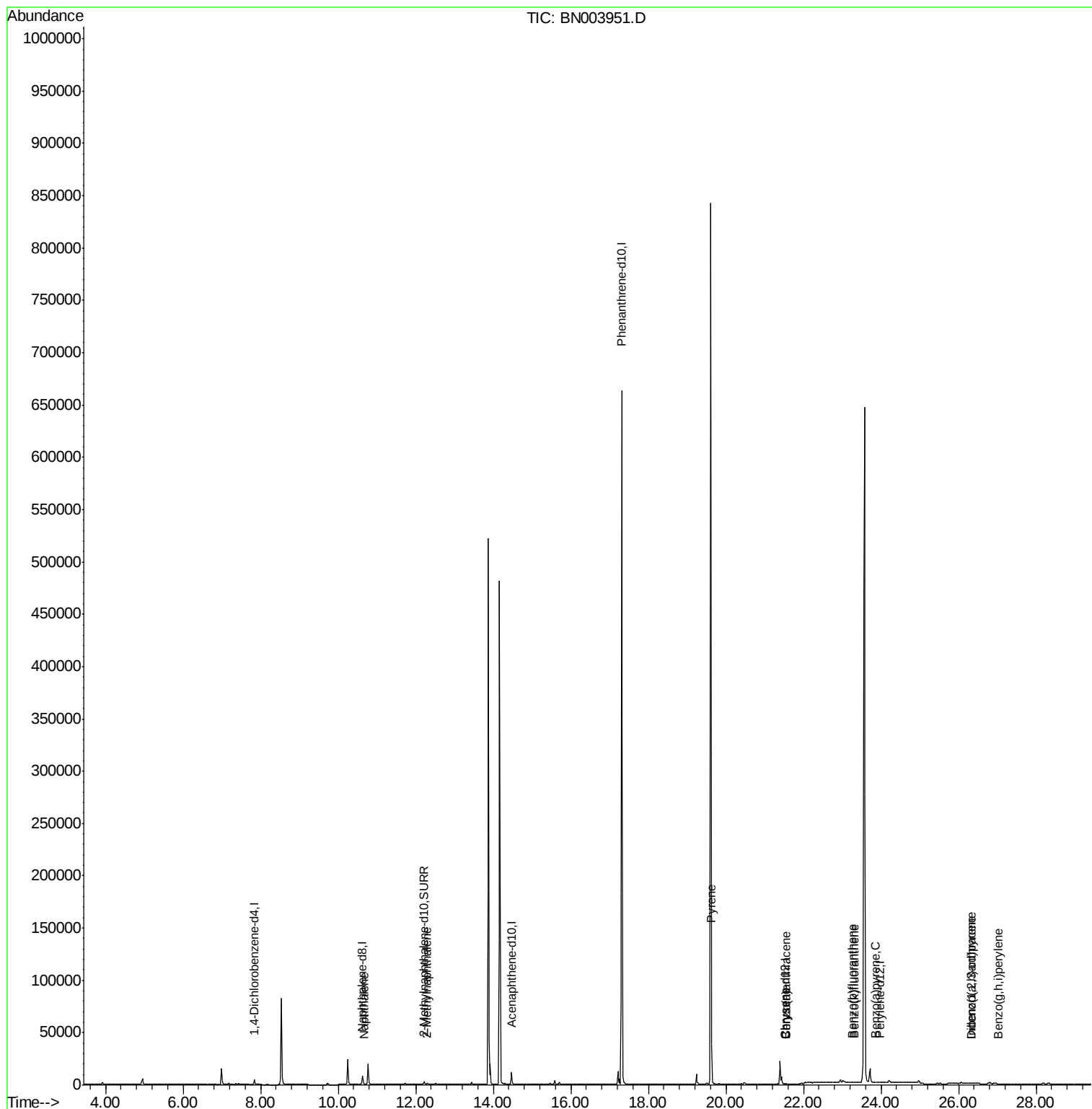
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	614	0.021	ng/ul#	68
5) 2-Methylnaphthalene	12.29	142	1057	0.051	ng/ul	97
17) Pyrene	19.63	202	7663	237.396	ng/ul#	94
18) Benzo(a)anthracene	21.55	228	274	9.639	ng/ul#	1
19) Chrysene	21.55	228	274	8.423	ng/ul#	1
21) Benzo(b)fluoranthene	23.26	252	22	0.090	ng/ul#	1
22) Benzo(k)fluoranthene	23.30	252	11	0.046	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	85	0.402	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.35	276	160	0.660	ng/ul#	83
25) Dibenzo(a,h)anthracene	26.34	278	620	3.178	ng/ul#	1
26) Benzo(g,h,i)perylene	27.03	276	18	0.085	ng/ul#	1

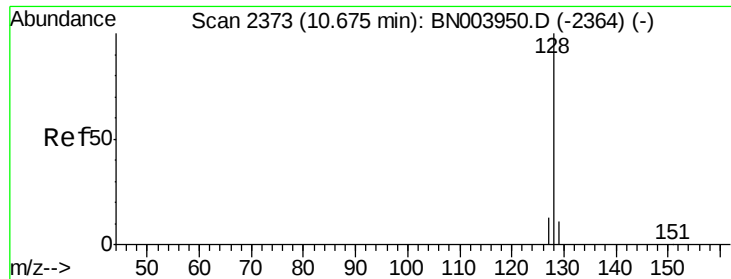
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.68 min Scan# 2373

Delta R.T. -0.00 min

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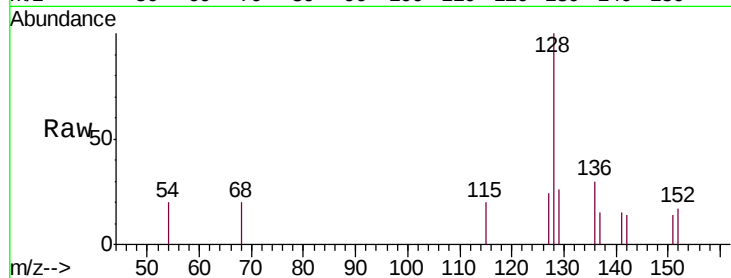
Tgt Ion:128 Resp: 614

Ion Ratio Lower Upper

128 100

129 26.1 9.0 13.6#

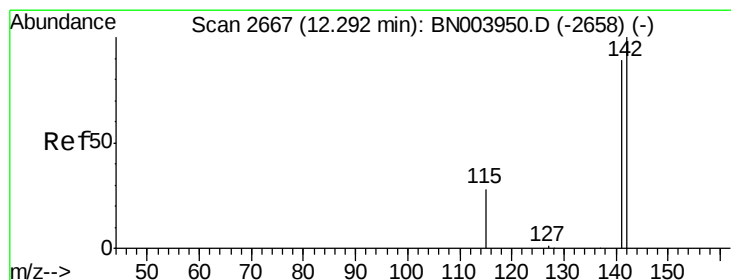
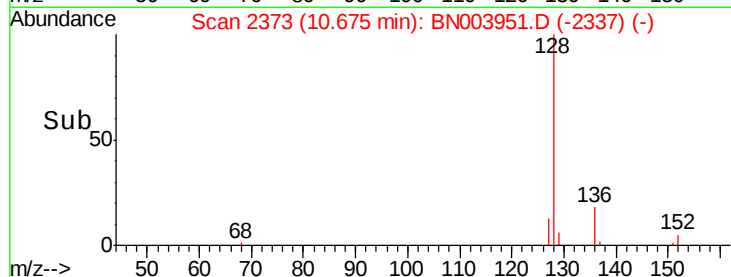
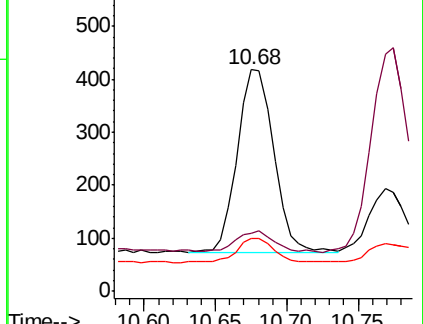
127 23.9 10.5 15.7#



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



#5

2-Methylnaphthalene

Concen: 0.051 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003951.D

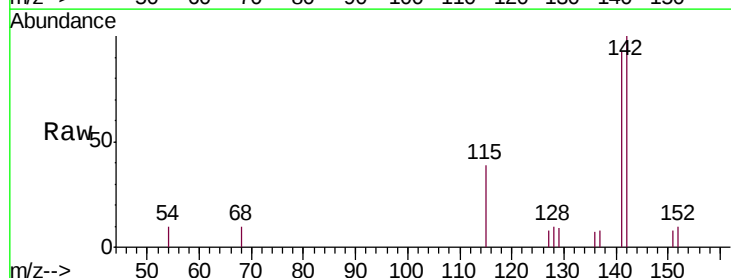
Acq: 15 Dec 2018 10:24

Tgt Ion:142 Resp: 1057

Ion Ratio Lower Upper

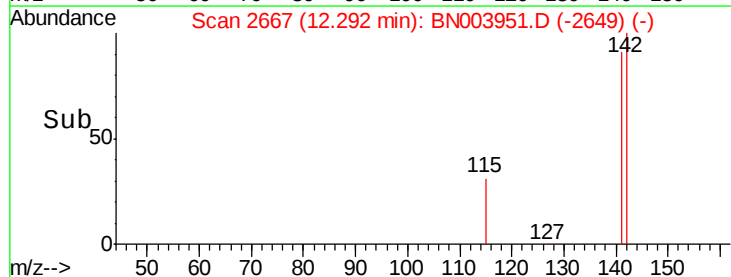
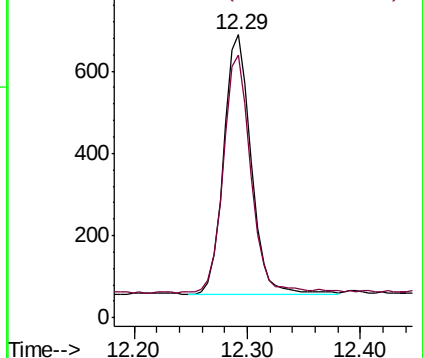
142 100

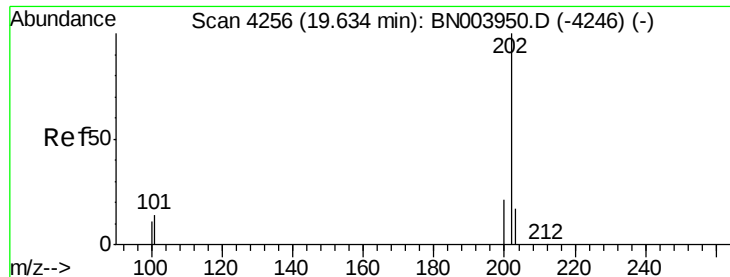
141 92.1 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

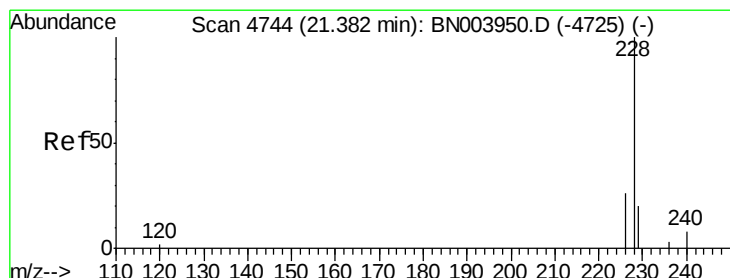
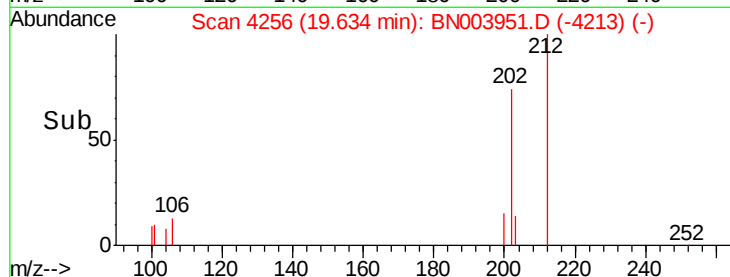
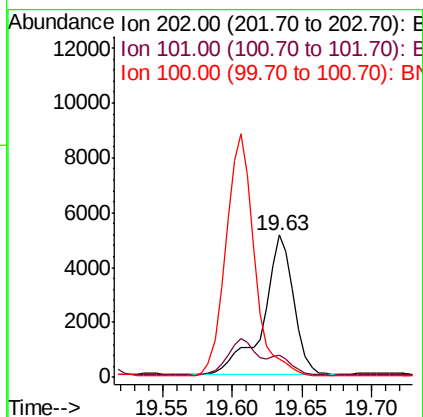
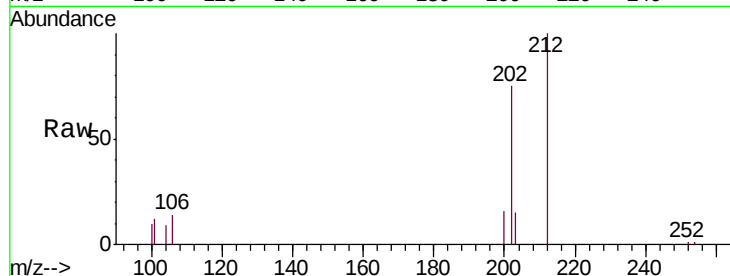




#17
 Pyrene
 Concen: 237.396 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003951.D
 Acq: 15 Dec 2018 10:24

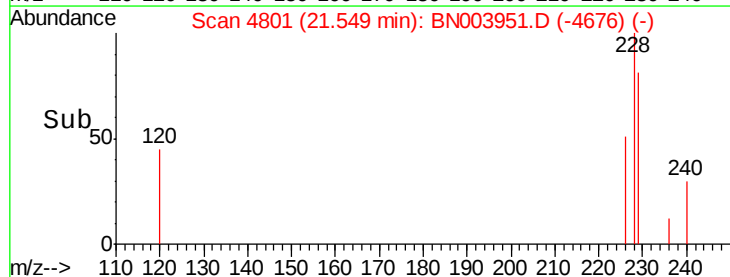
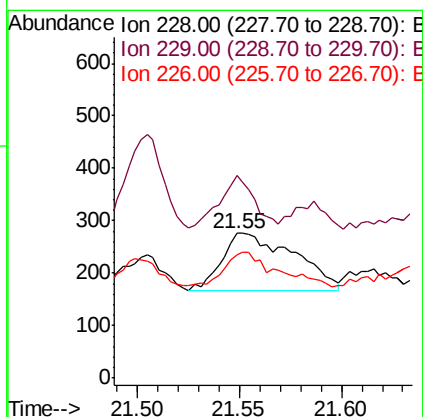
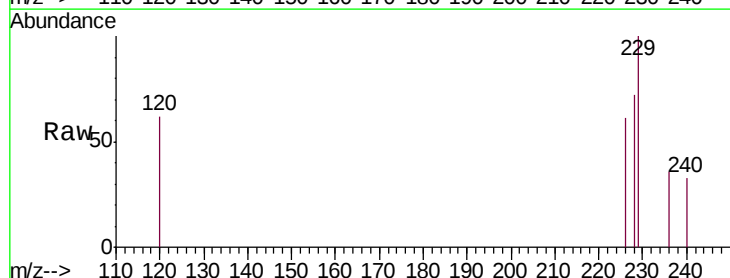
Instrument :
 BNA_N
 ClientSampleId :
 F9F34

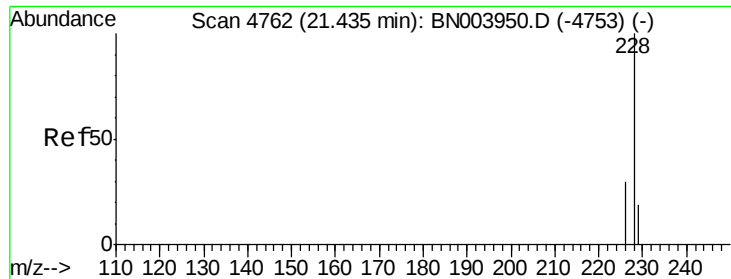
Tgt Ion:202 Resp: 7663
 Ion Ratio Lower Upper
 202 100
 101 15.4 10.3 15.5
 100 12.9 8.5 12.7#



#18
 Benzo(a)anthracene
 Concen: 9.639 ng/ul
 RT: 21.55 min Scan# 4801
 Delta R.T. 0.17 min
 Lab File: BN003951.D
 Acq: 15 Dec 2018 10:24

Tgt Ion:228 Resp: 274
 Ion Ratio Lower Upper
 228 100
 229 139.9 15.6 23.4#
 226 84.8 21.1 31.7#





#19

Chrysene

Concen: 8.423 ng/ul

RT: 21.55 min Scan# 4801

Delta R.T. 0.11 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

ClientSampleId :

F9F34

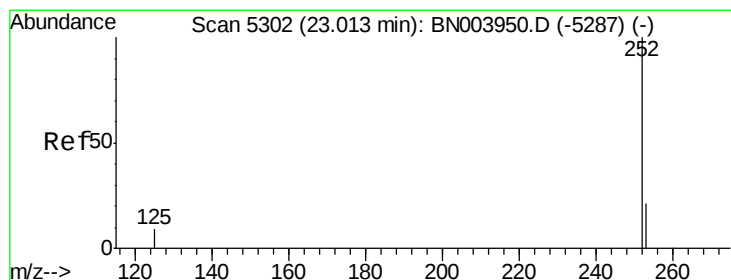
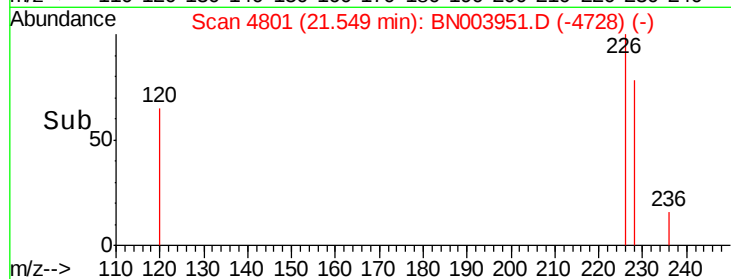
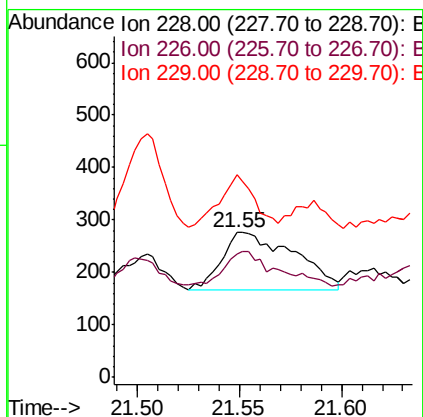
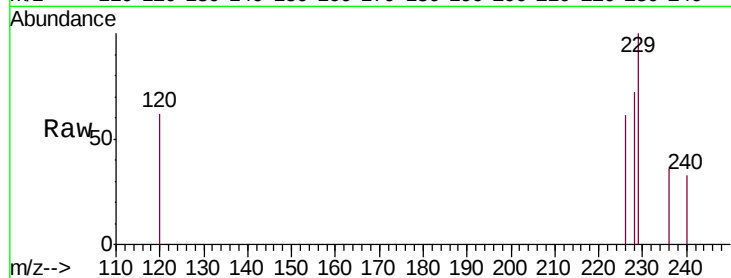
Tgt Ion:228 Resp: 274

Ion Ratio Lower Upper

228 100

226 84.8 24.0 36.0#

229 139.9 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 0.090 ng/ul

RT: 23.26 min Scan# 5386

Delta R.T. 0.25 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

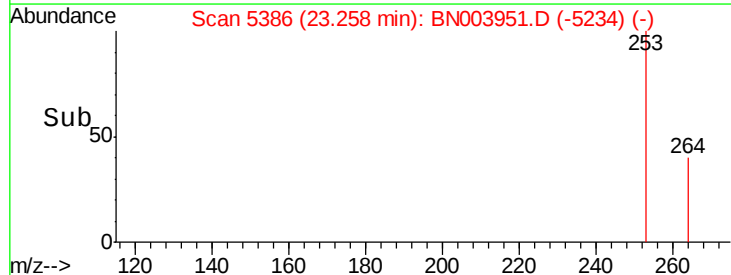
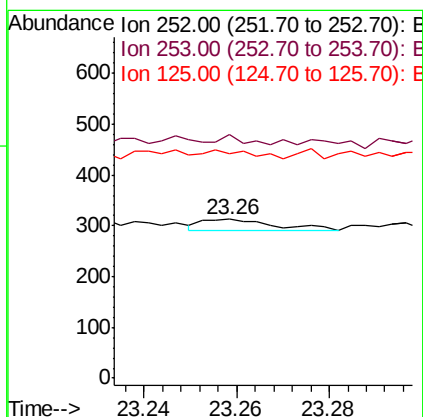
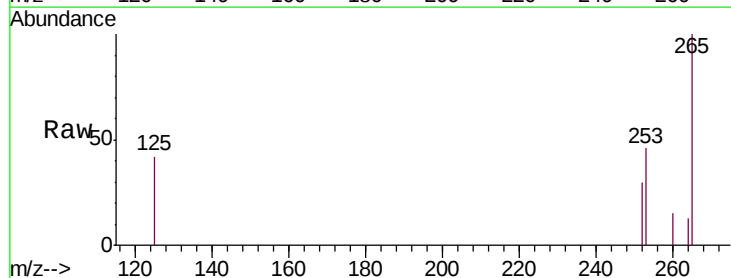
Tgt Ion:252 Resp: 22

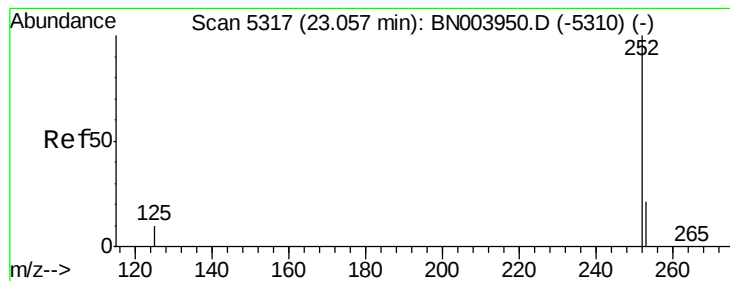
Ion Ratio Lower Upper

252 100

253 153.0 0.0 46.0#

125 141.2 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.046 ng/ul

RT: 23.30 min Scan# 5399

Delta R.T. 0.24 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

ClientSampleId :

F9F34

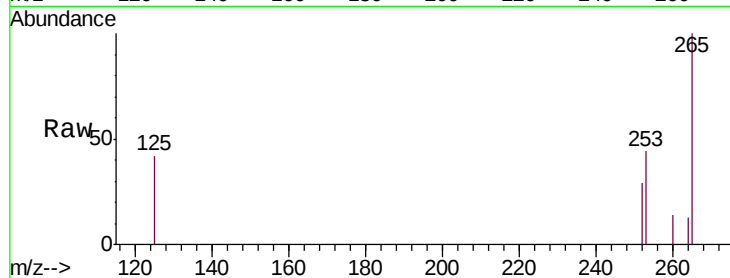
Tgt Ion:252 Resp: 11

Ion Ratio Lower Upper

252 100

253 151.5 18.5 27.7#

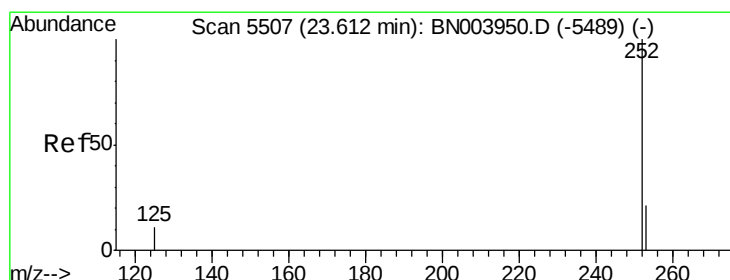
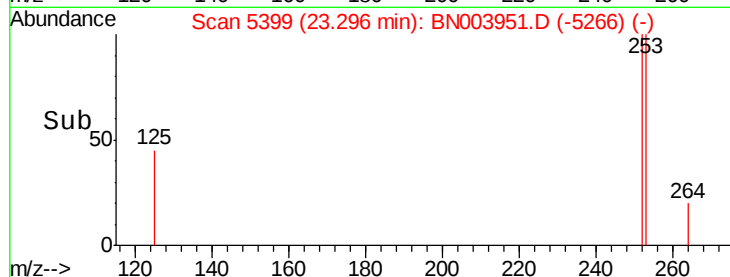
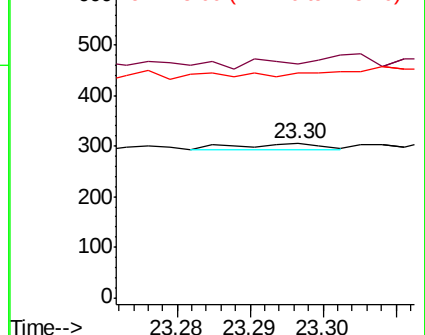
125 145.6 9.0 13.6#



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: 0.402 ng/ul

RT: 23.85 min Scan# 5588

Delta R.T. 0.24 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

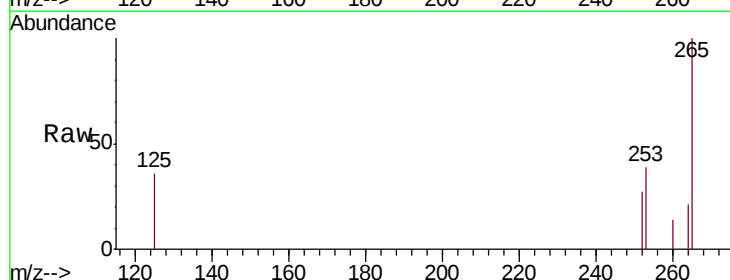
Tgt Ion:252 Resp: 85

Ion Ratio Lower Upper

252 100

253 141.2 19.0 28.4#

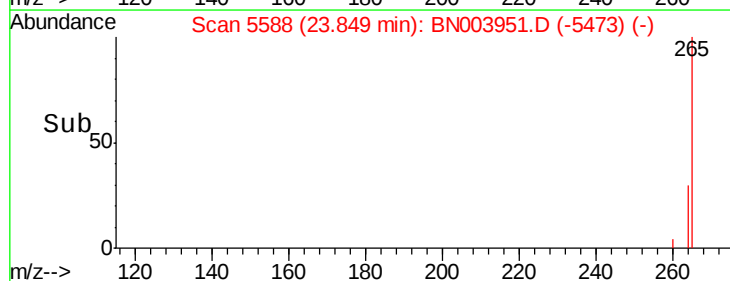
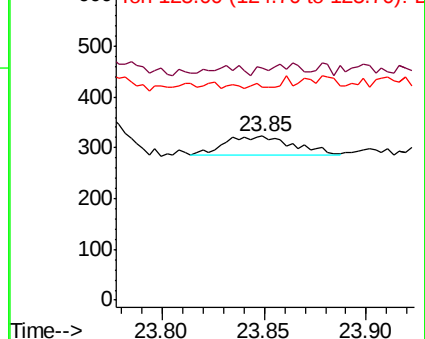
125 130.0 10.2 15.4#

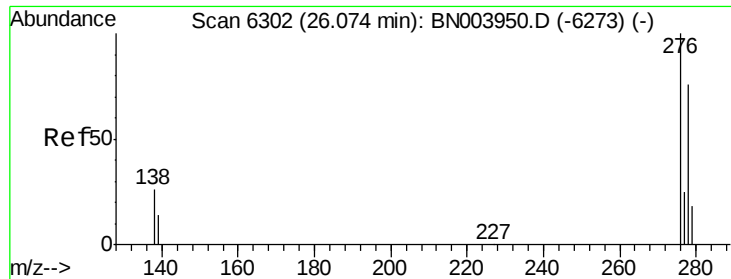


Abundance Ion 252.00 (251.70 to 252.70): E

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: 0.660 ng/ul

RT: 26.35 min Scan# 6383

Delta R.T. 0.27 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

Instrument :

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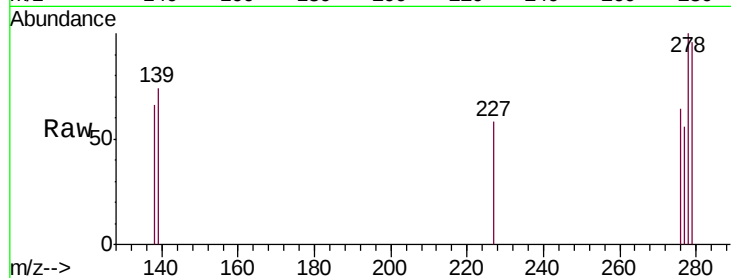
Tgt Ion:276 Resp: 160

Ion Ratio Lower Upper

276 100

138 16.9 20.3 30.5#

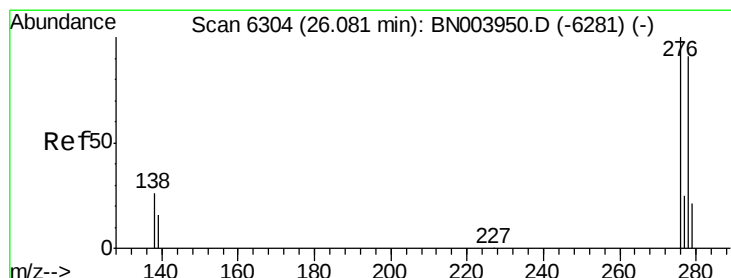
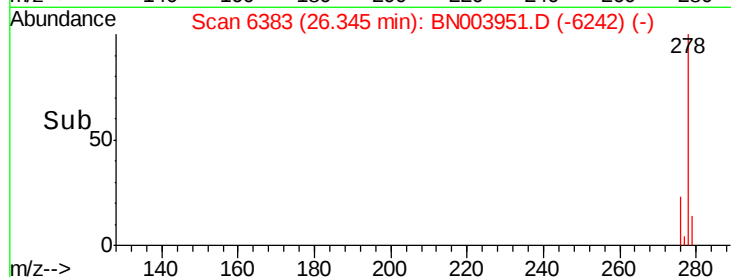
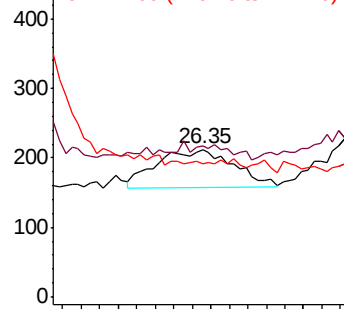
227 0.0 0.2 0.2#



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: 3.178 ng/ul

RT: 26.34 min Scan# 6382

Delta R.T. 0.26 min

Lab File: BN003951.D

Acq: 15 Dec 2018 10:24

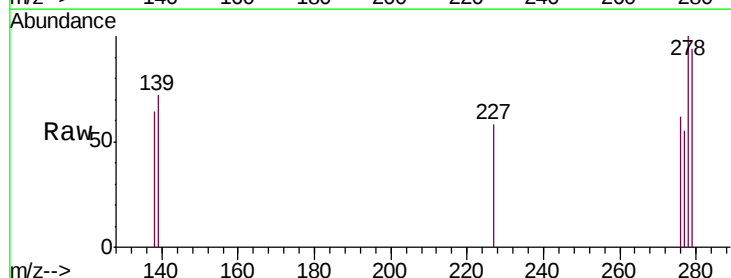
Tgt Ion:278 Resp: 620

Ion Ratio Lower Upper

278 100

139 71.8 14.2 21.4#

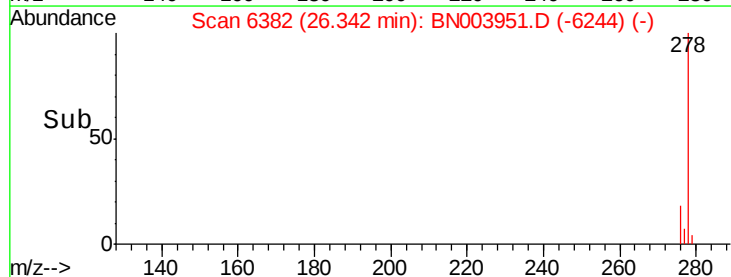
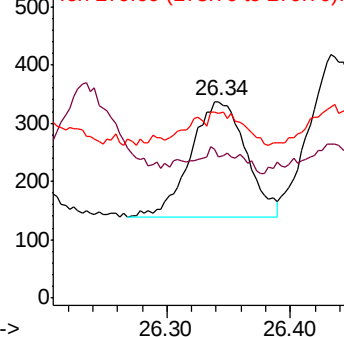
279 93.8 19.8 29.6#

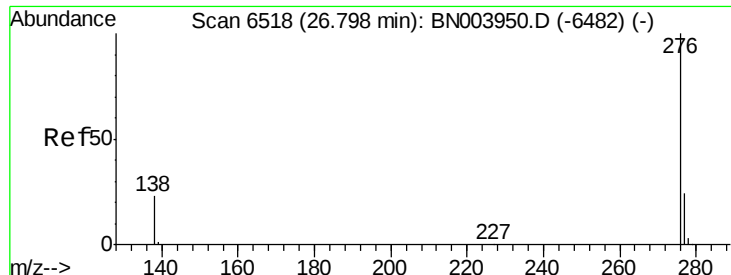


Abundance Ion 278.00 (277.70 to 278.70): E

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: 0.085 ng/ul

RT: 27.03 min Scan# 6587

Delta R.T. 0.23 min

Lab File: BN003951.D

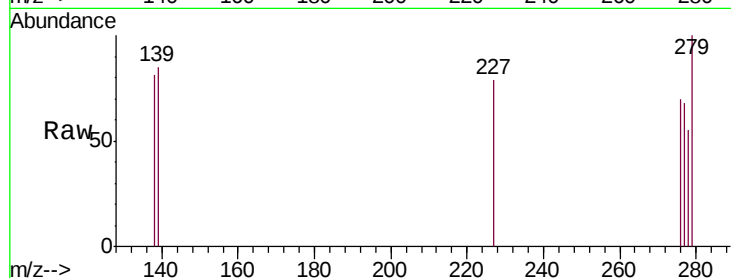
Acq: 15 Dec 2018 10:24

Instrument :

BNA_N

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F9F34



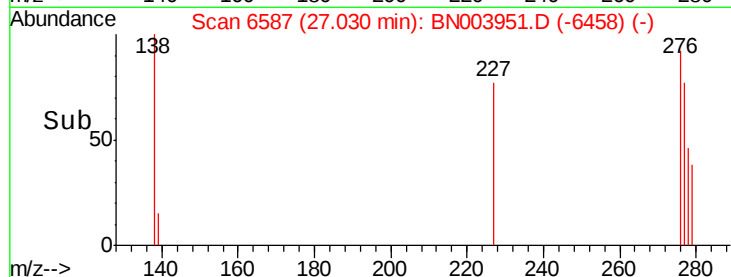
Tgt Ion: 276 Resp: 18

Ion Ratio Lower Upper

276 100

138 116.0 17.7 26.5#

277 97.7 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

