

Data File : BN003960.D
Acq On : 15 Dec 2018 15:42
Operator : JU/SJ
Sample : J6227-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9F35

Quant Time: Dec 15 22:02:22 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	1809	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8997	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5471	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	600905	0.40	ng/ul	0.10
16) Chrysene-d12	21.50	240	48	0.40	ng/ul	0.11
20) Perylene-d12	23.98	264	166	0.40	ng/ul	0.26

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2964	0.21	ng/ul	0.00
14) Fluoranthene-d10	19.33	212	217	0.00	ng/ul	0.09

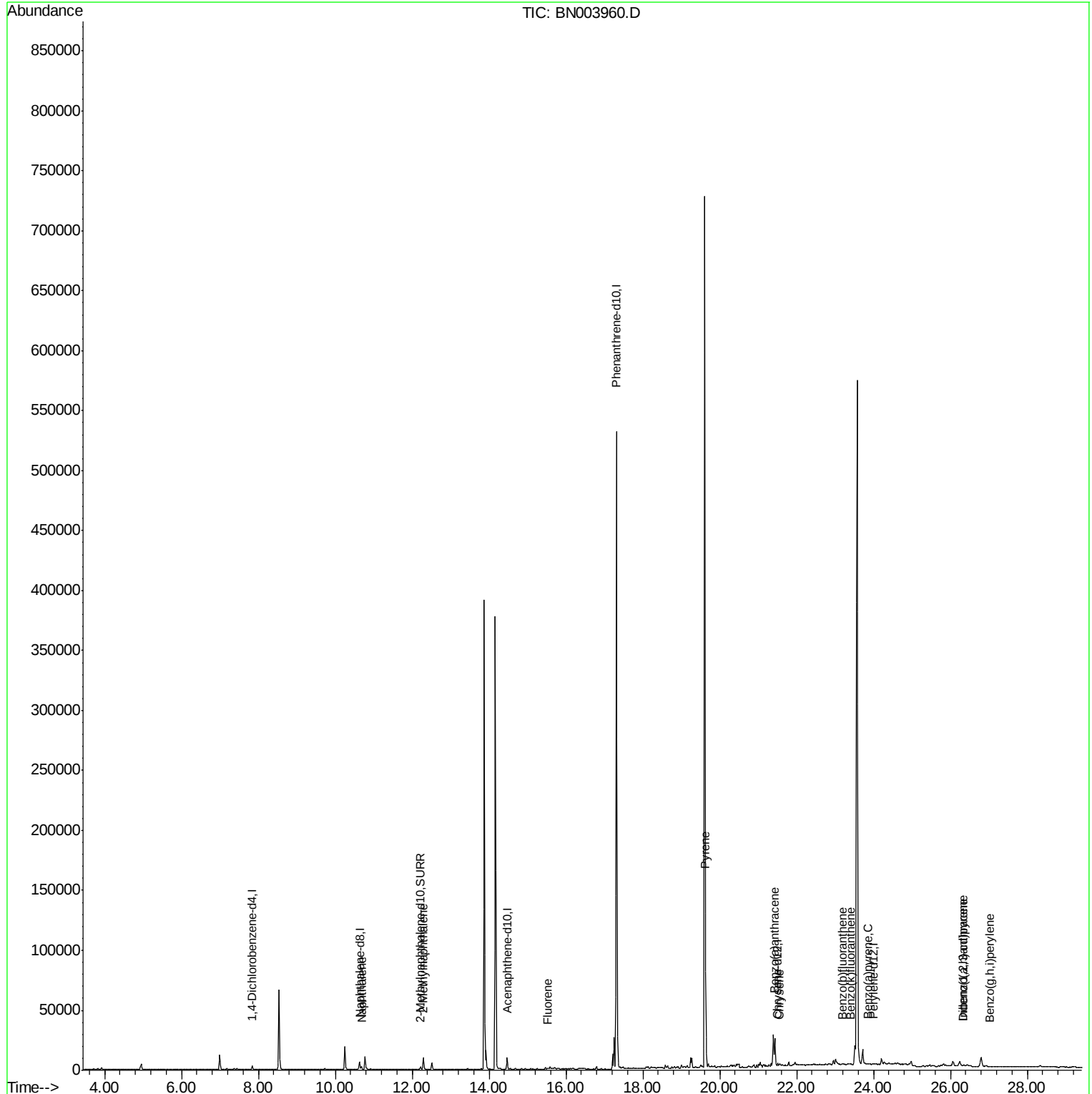
Target Compounds				Qvalue		
3) Naphthalene	10.68	128	3155	0.125	ng/ul#	93
5) 2-Methylnaphthalene	12.29	142	7152	0.405	ng/ul	100
9) Fluorene	15.52	166	569	0.023	ng/ul#	85
17) Pyrene	19.63	202	53089	308.376	ng/ul	96
18) Benzo(a)anthracene	21.43	228	22572	148.885	ng/ul#	79
19) Chrysene	21.55	228	1344	7.747	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	868	1.264	ng/ul#	1
22) Benzo(k)fluoranthene	23.39	252	163	0.244	ng/ul#	1
23) Benzo(a)pyrene	23.85	252	497	0.836	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.34	276	449	0.658	ng/ul#	50
25) Dibenzo(a,h)anthracene	26.34	278	1683	3.067	ng/ul#	1
26) Benzo(g,h,i)perylene	27.02	276	218	0.368	ng/ul#	1

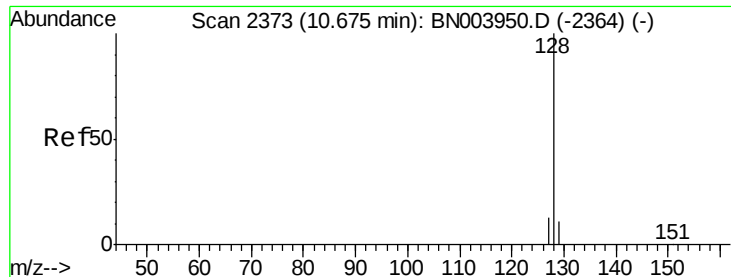
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.125 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

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Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampleId :

F9F35

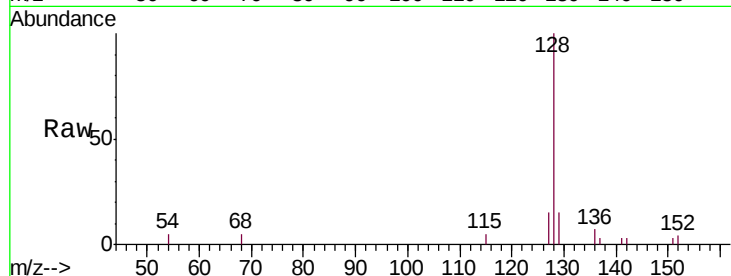
Tgt Ion:128 Resp: 3155

Ion Ratio Lower Upper

128 100

129 14.6 9.0 13.6#

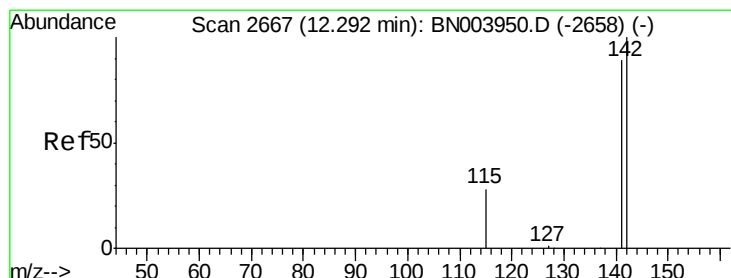
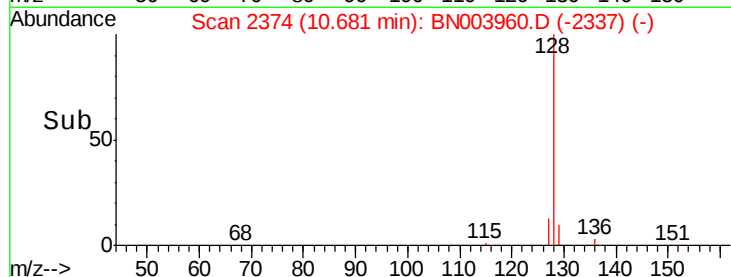
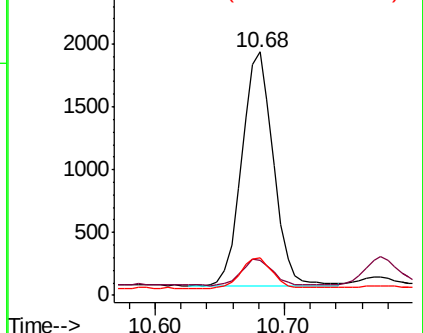
127 15.3 10.5 15.7



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: 0.405 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. 0.00 min

Lab File: BN003960.D

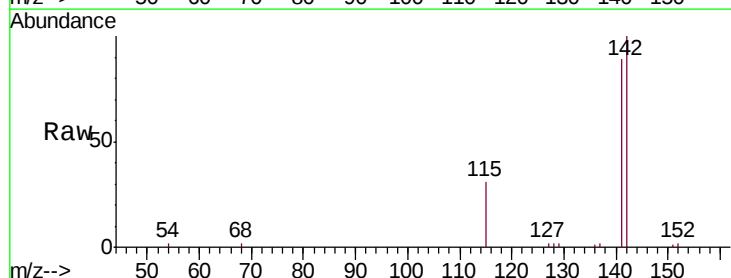
Acq: 15 Dec 2018 15:42

Tgt Ion:142 Resp: 7152

Ion Ratio Lower Upper

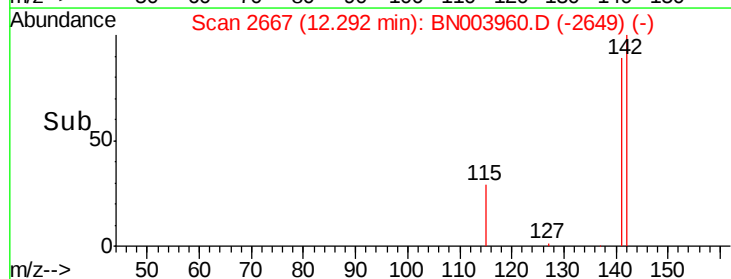
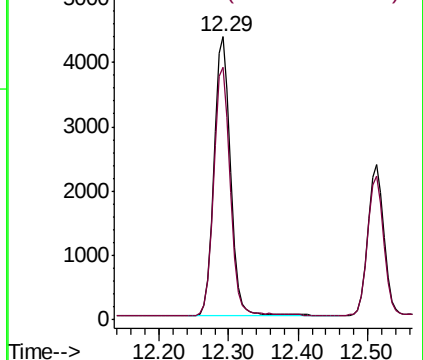
142 100

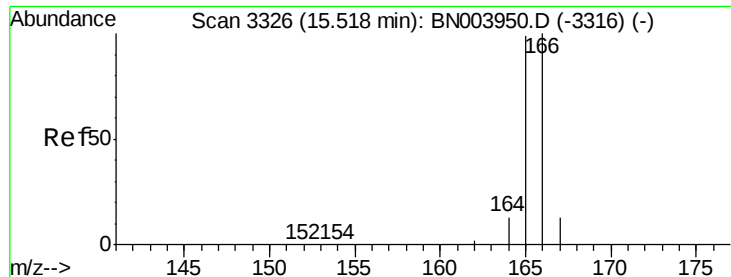
141 89.5 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.023 ng/ul

RT: 15.52 min Scan# 3326

Delta R.T. 0.00 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampleId :

F9F35

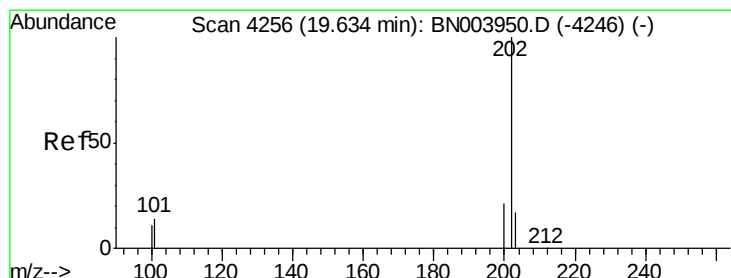
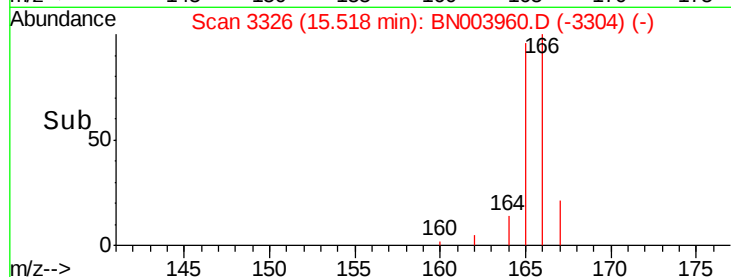
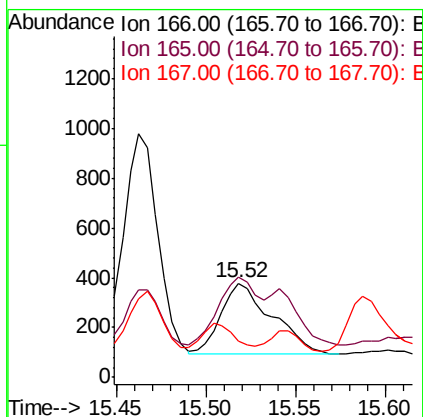
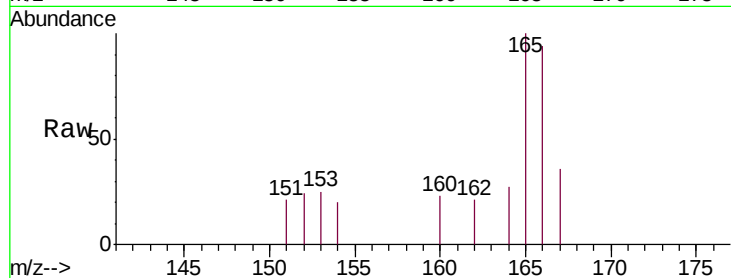
Tgt Ion:166 Resp: 569

Ion Ratio Lower Upper

166 100

165 106.6 78.3 117.5

167 38.6 11.3 16.9#



#17

Pyrene

Concen: 308.376 ng/ul

RT: 19.63 min Scan# 4256

Delta R.T. 0.00 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

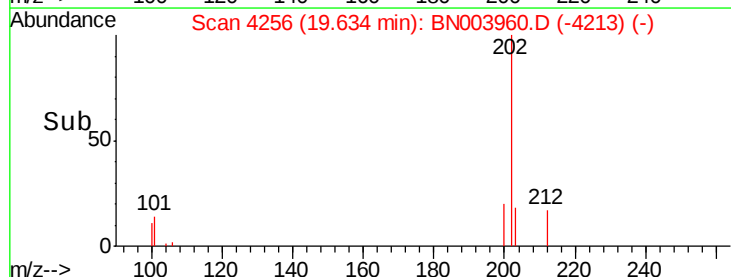
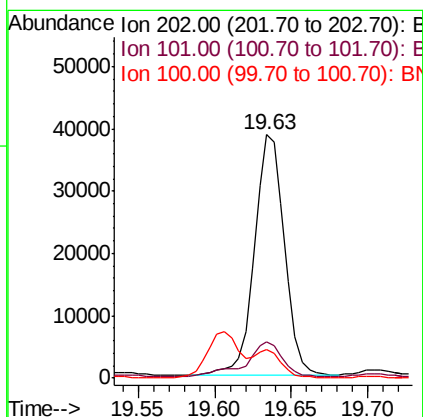
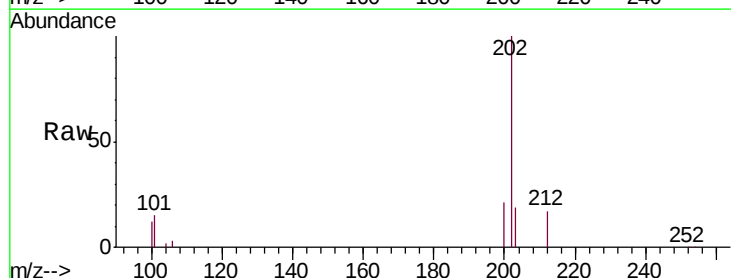
Tgt Ion:202 Resp: 53089

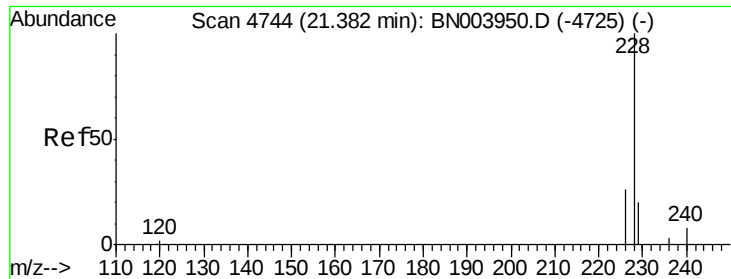
Ion Ratio Lower Upper

202 100

101 14.8 10.3 15.5

100 11.6 8.5 12.7





#18

Benzo(a)anthracene

Concen: 148.885 ng/ul

RT: 21.43 min Scan# 4762

Delta R.T. 0.05 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampleId :

F9F35

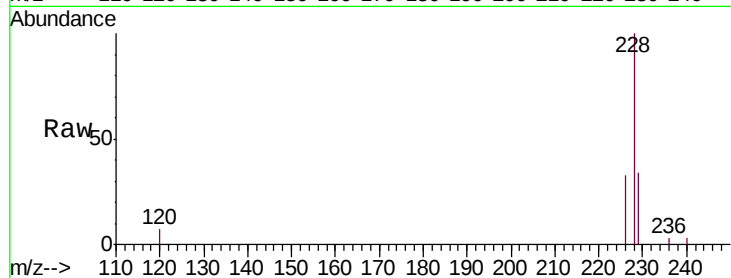
Tgt Ion:228 Resp: 22572

Ion Ratio Lower Upper

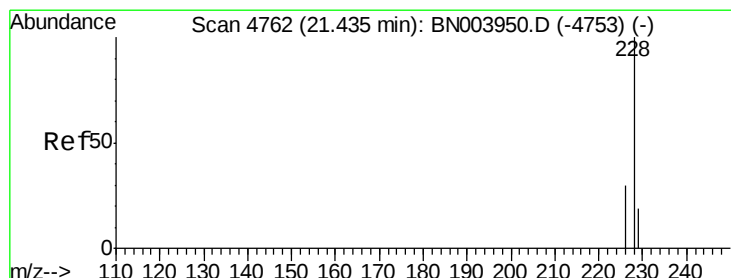
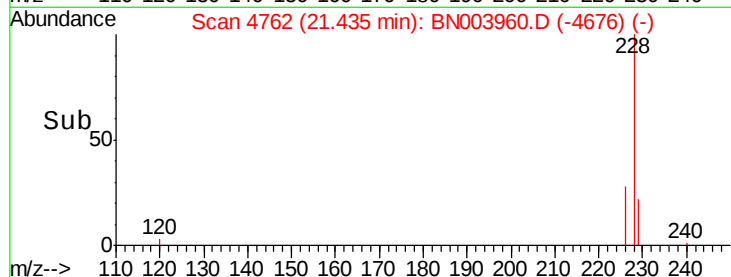
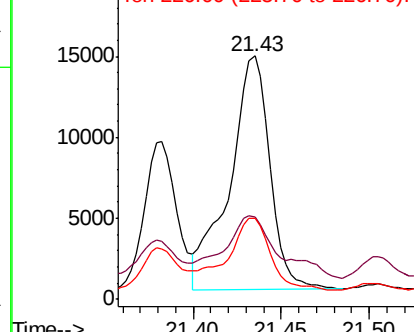
228 100

229 33.9 15.6 23.4#

226 33.3 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: 7.747 ng/ul

RT: 21.55 min Scan# 4803

Delta R.T. 0.12 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

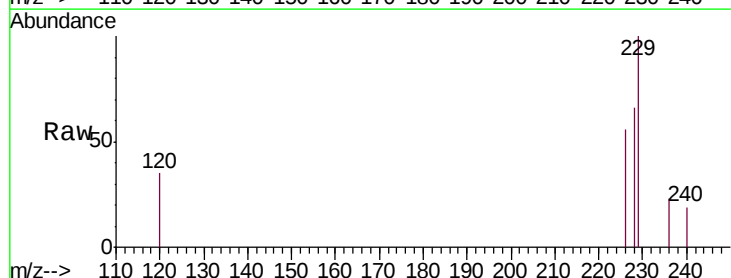
Tgt Ion:228 Resp: 1344

Ion Ratio Lower Upper

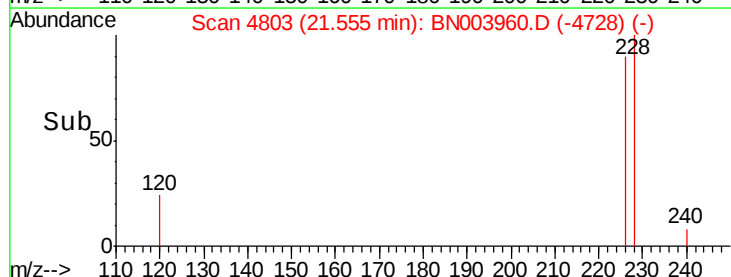
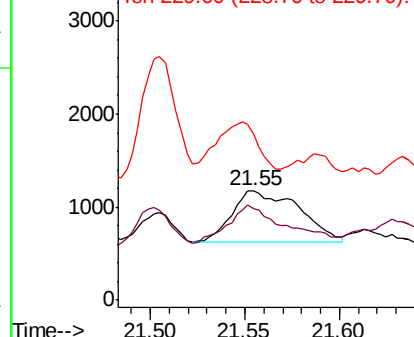
228 100

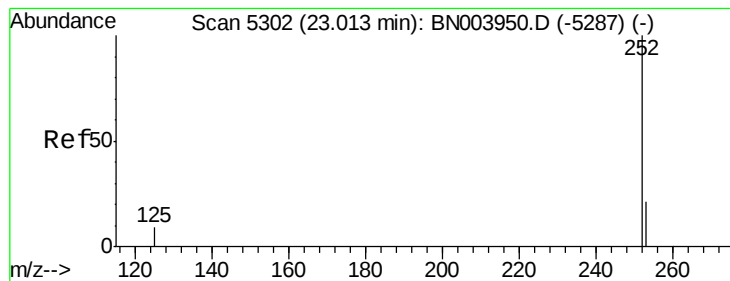
226 83.8 24.0 36.0#

229 150.7 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: 1.264 ng/u1

RT: 23.19 min Scan# 5363

Delta R.T. 0.18 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampleId :

F9F35

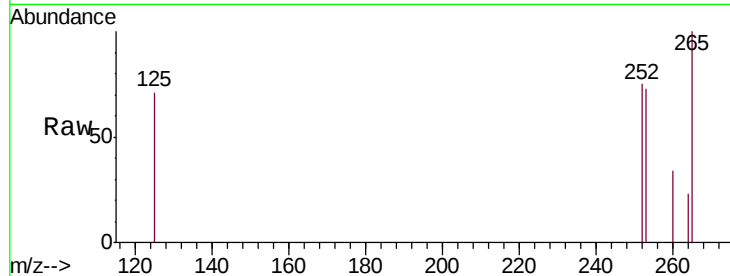
Tgt Ion:252 Resp: 868

Ion Ratio Lower Upper

252 100

253 97.0 0.0 46.0#

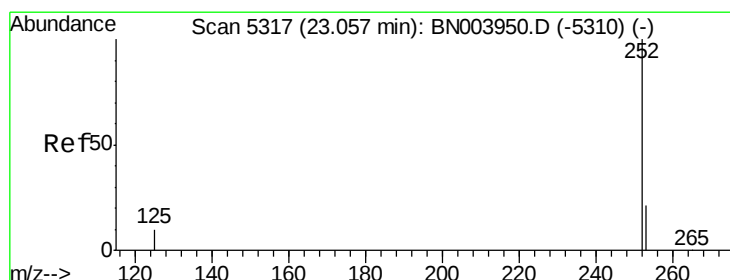
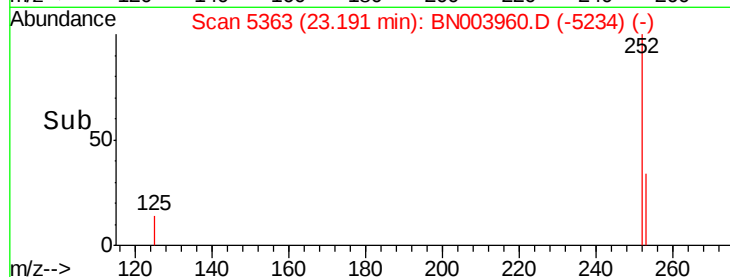
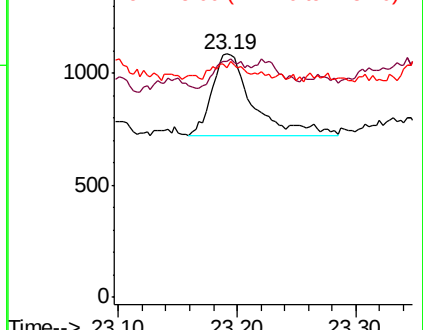
125 94.4 0.0 22.4#



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: 0.244 ng/u1

RT: 23.39 min Scan# 5432

Delta R.T. 0.34 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

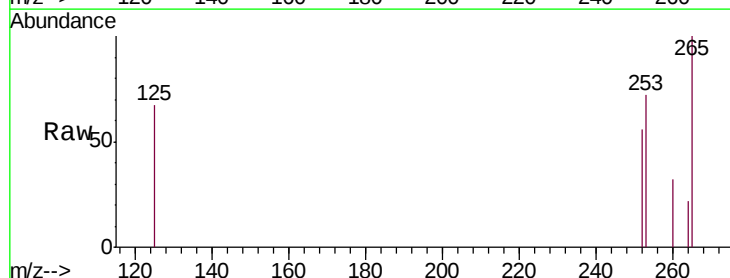
Tgt Ion:252 Resp: 163

Ion Ratio Lower Upper

252 100

253 129.4 18.5 27.7#

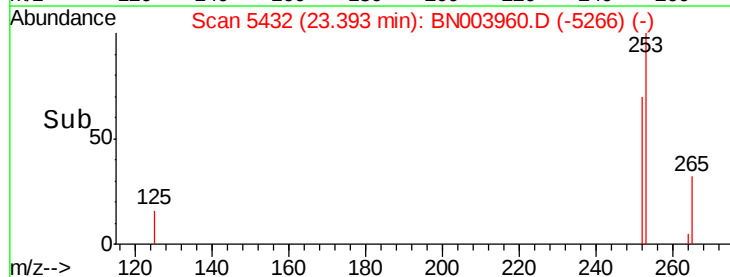
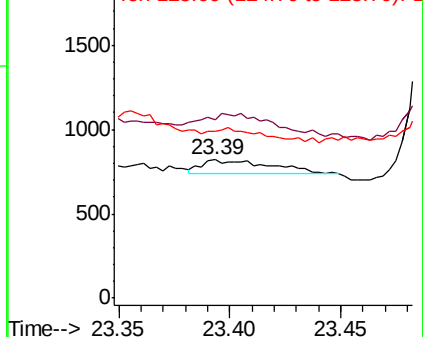
125 120.5 9.0 13.6#

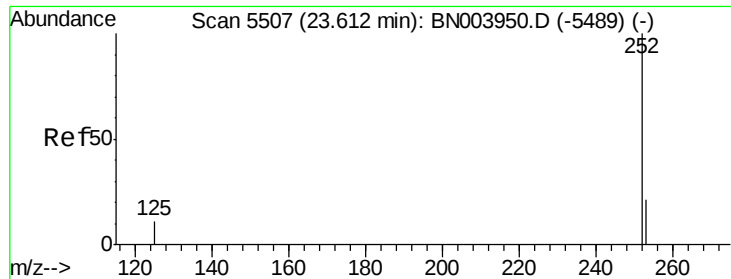


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.836 ng/u1

RT: 23.85 min Scan# 5587

Delta R.T. 0.23 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampled :

F9F35

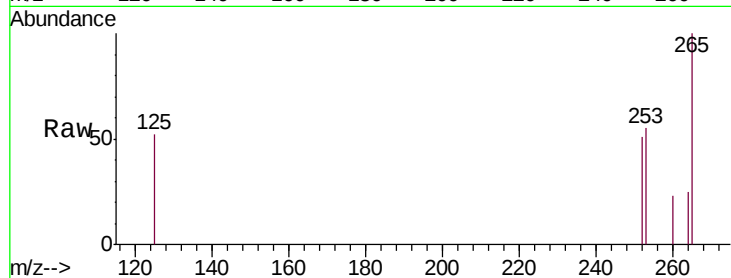
Tgt Ion: 252 Resp: 497

Ion Ratio Lower Upper

252 100

253 107.8 19.0 28.4#

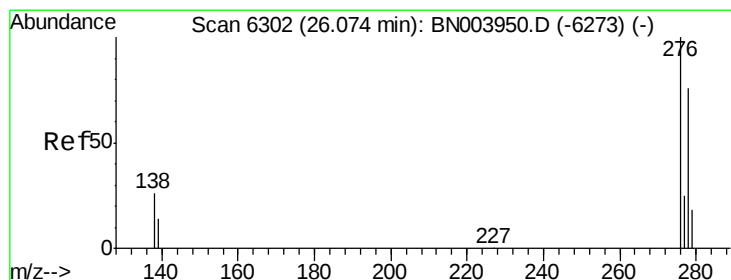
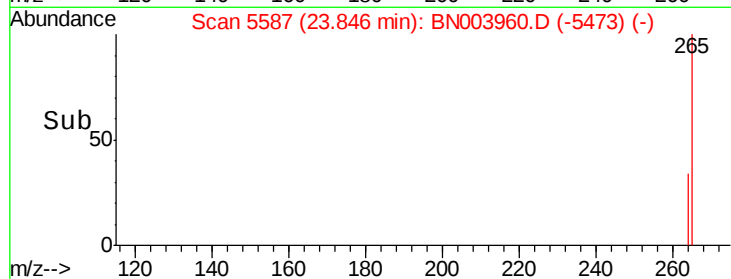
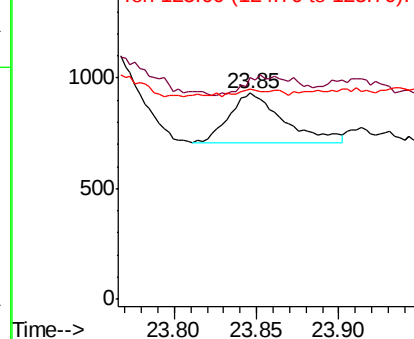
125 101.9 10.2 15.4#



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: 0.658 ng/u1

RT: 26.34 min Scan# 6382

Delta R.T. 0.27 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

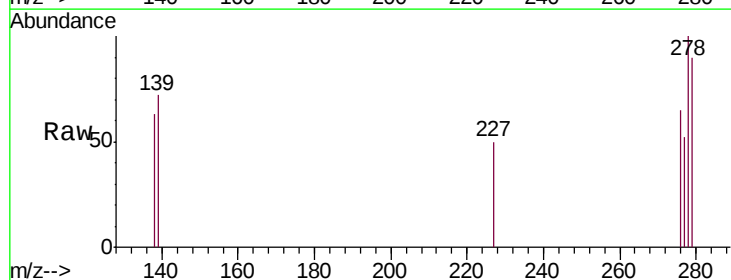
Tgt Ion: 276 Resp: 449

Ion Ratio Lower Upper

276 100

138 0.0 20.3 30.5#

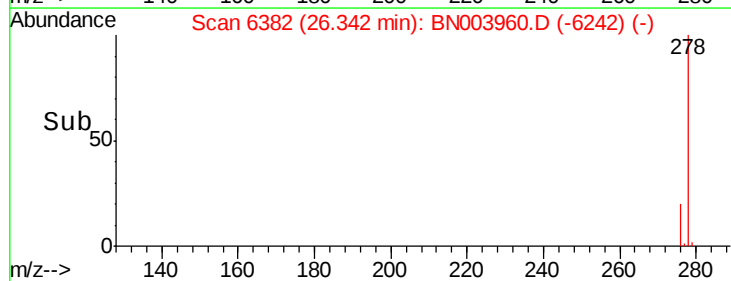
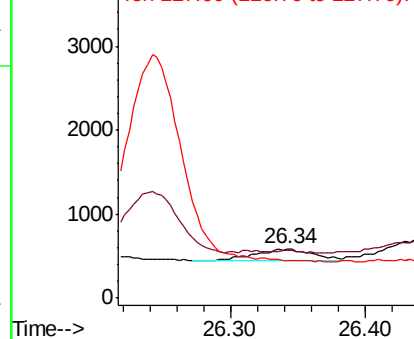
227 0.0 0.2 0.2#

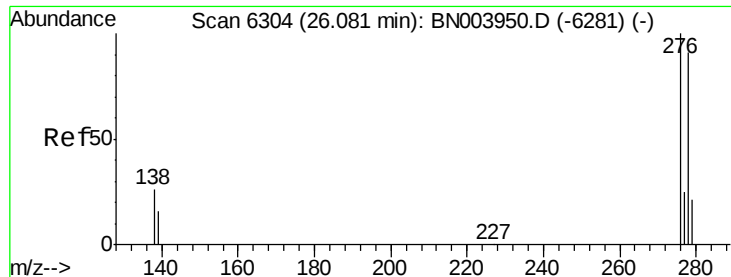


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 3.067 ng/u1

RT: 26.34 min Scan# 6382

Delta R.T. 0.26 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

Instrument :

BNA_N

ClientSampleId :

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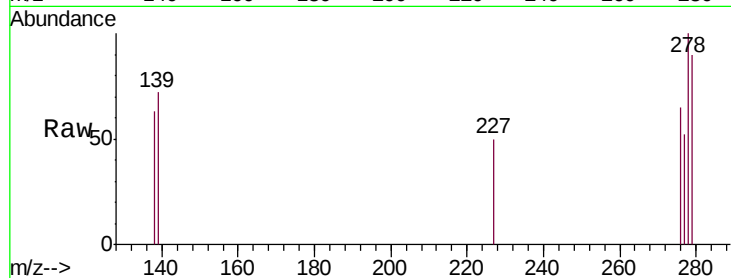
Tgt Ion:278 Resp: 1683

Ion Ratio Lower Upper

278 100

139 71.8 14.2 21.4#

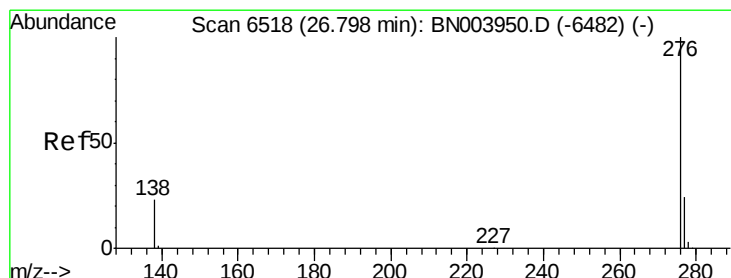
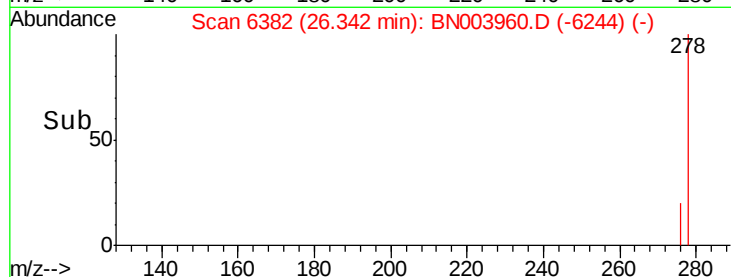
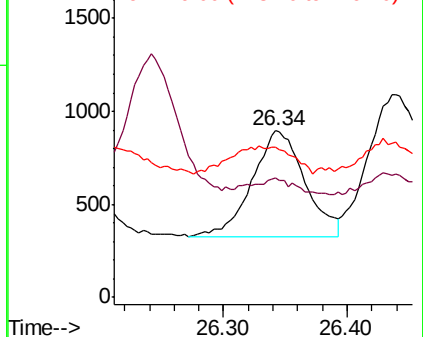
279 89.8 19.8 29.6#



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: 0.368 ng/u1

RT: 27.02 min Scan# 6585

Delta R.T. 0.22 min

Lab File: BN003960.D

Acq: 15 Dec 2018 15:42

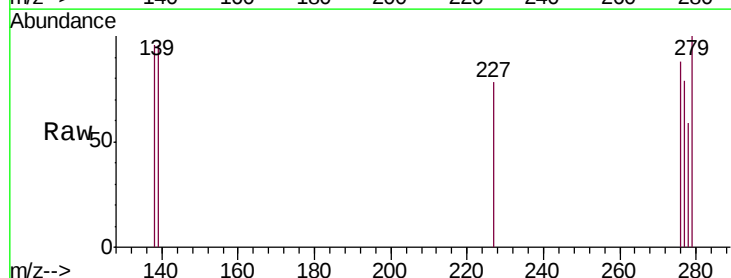
Tgt Ion:276 Resp: 218

Ion Ratio Lower Upper

276 100

138 108.5 17.7 26.5#

277 89.0 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

