

Data File : BN003954.D
Acq On : 15 Dec 2018 12:09
Operator : JU/SJ
Sample : J6227-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
F9E66

Quant Time: Dec 15 22:01:35 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	1764	0.40	ng/ul	0.00
2) Naphthalene-d8	10.63	136	8928	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.47	164	5379	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.31	188	551541	0.40	ng/ul	0.10
16) Chrysene-d12	21.52	240	17	0.40	ng/ul	0.12
20) Perylene-d12	23.95	264	12	0.40	ng/ul	0.23
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.22	152	2684	0.20	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.68	128	1067	0.043	ng/ul#	79
5) 2-Methylnaphthalene	12.29	142	1941	0.111	ng/ul	99
17) Pyrene	19.63	202	10648	174.637	ng/ul#	92
18) Benzo(a)anthracene	21.55	228	533	9.927	ng/ul#	1
19) Chrysene	21.55	228	582	9.472	ng/ul#	1
21) Benzo(b)fluoranthene	23.19	252	1008	20.306	ng/ul#	1
22) Benzo(k)fluoranthene	23.25	252	32	0.662	ng/ul#	1
23) Benzo(a)pyrene	23.84	252	623	14.493	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.34	276	174	3.530	ng/ul#	76
25) Dibenzo(a,h)anthracene	26.34	278	701	17.669	ng/ul#	1
26) Benzo(g,h,i)perylene	27.01	276	58	1.354	ng/ul#	1

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

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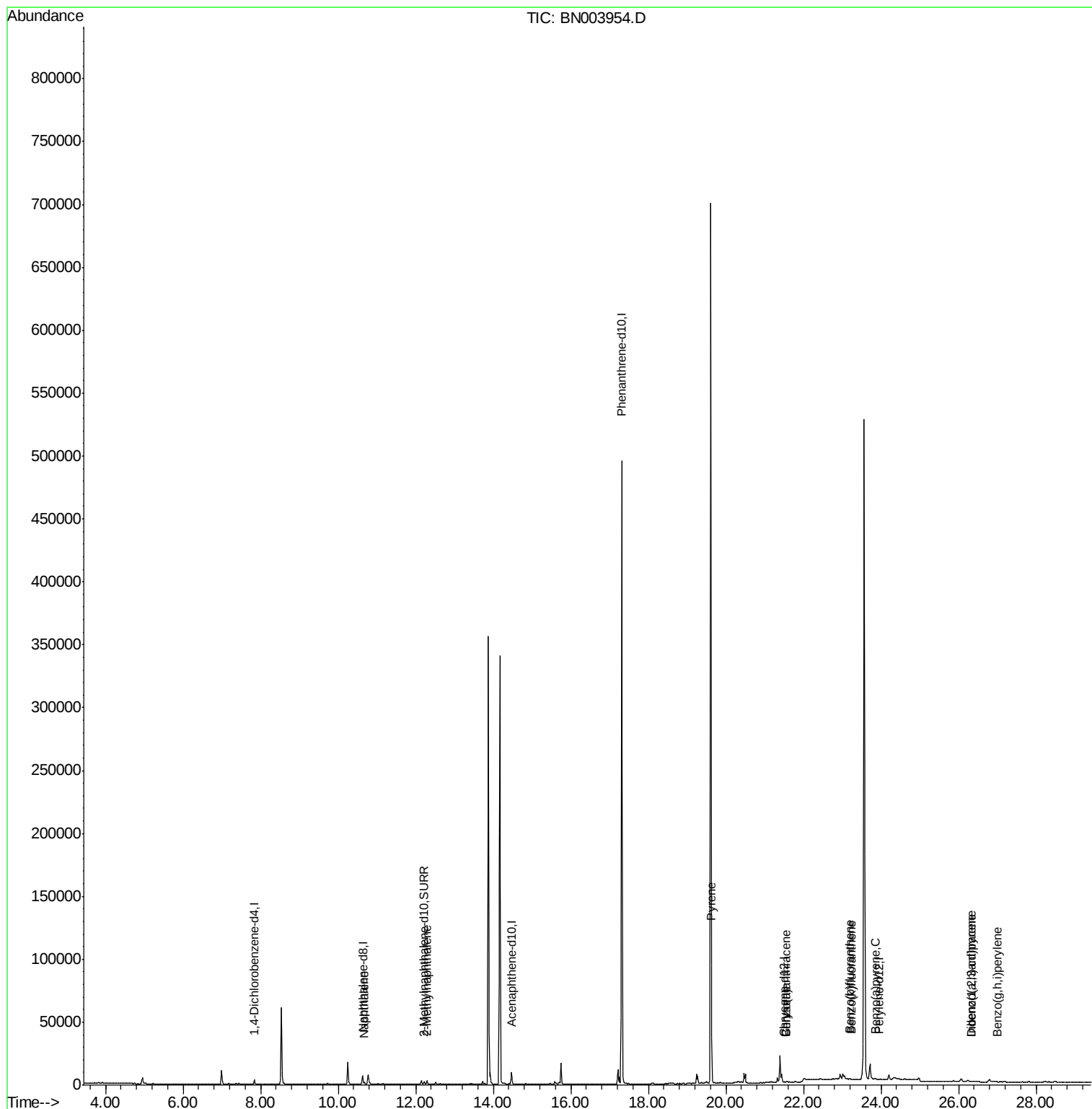
Quant Time: Dec 15 22:01:35 2018

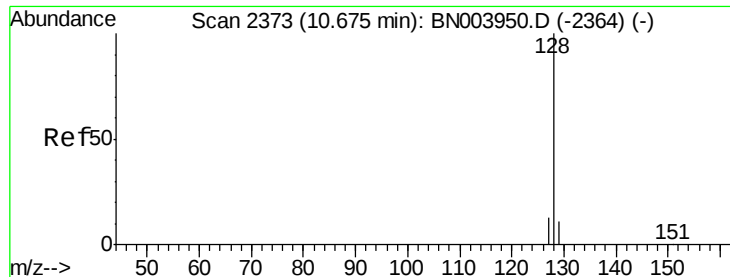
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN111918.M

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#3

Naphthalene

Concen: 0.043 ng/ul

RT: 10.68 min Scan# 2374

Delta R.T. 0.01 min

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BNA_N

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F9E66

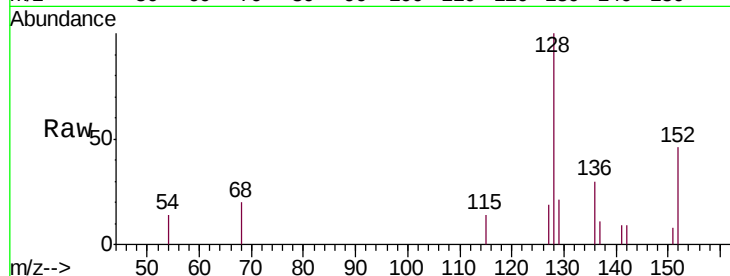
Tgt Ion:128 Resp: 1067

Ion Ratio Lower Upper

128 100

129 21.3 9.0 13.6#

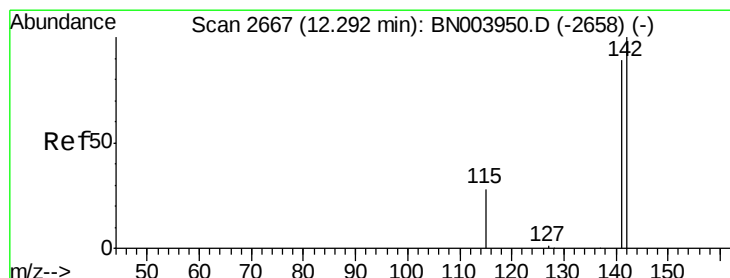
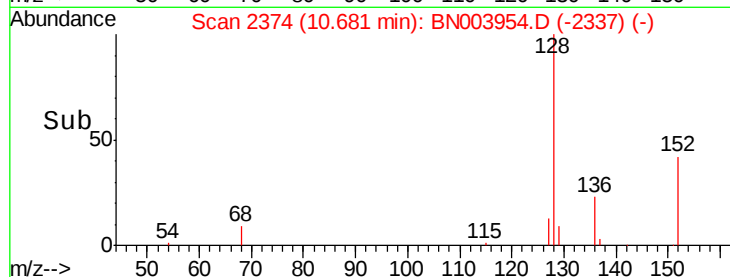
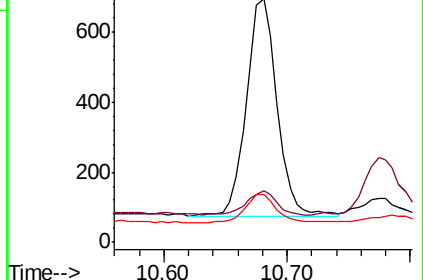
127 19.4 10.5 15.7#



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: 0.111 ng/ul

RT: 12.29 min Scan# 2667

Delta R.T. -0.00 min

Lab File: BN003954.D

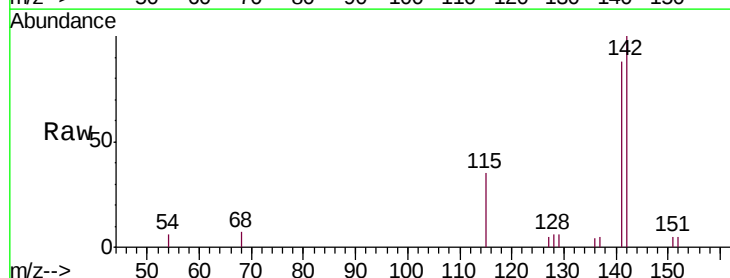
Acq: 15 Dec 2018 12:09

Tgt Ion:142 Resp: 1941

Ion Ratio Lower Upper

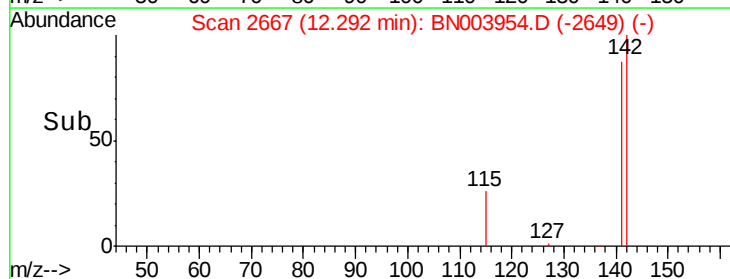
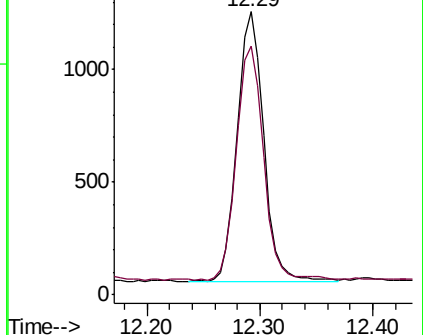
142 100

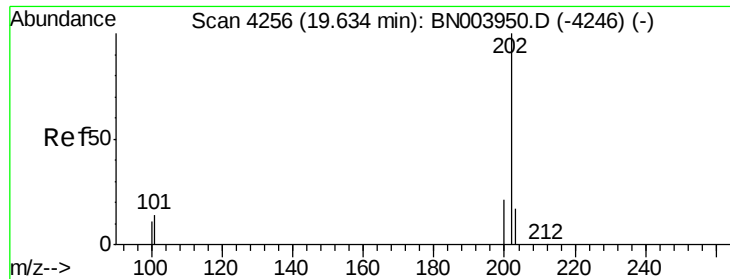
141 88.7 71.5 107.3



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

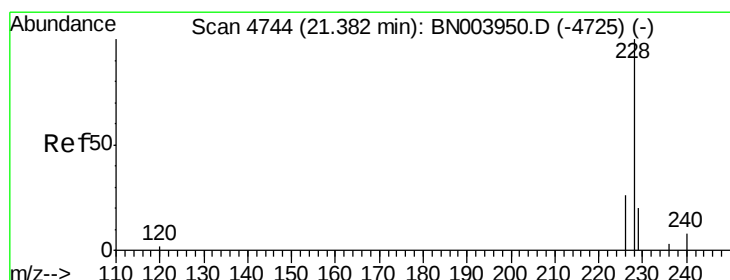
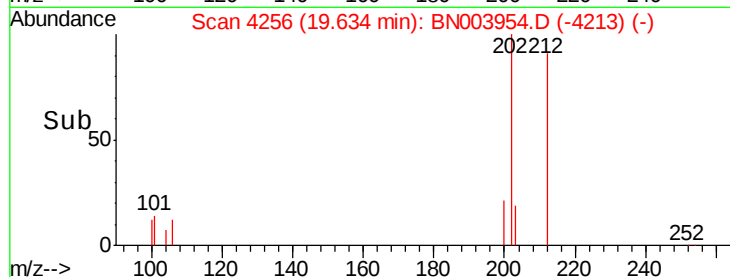
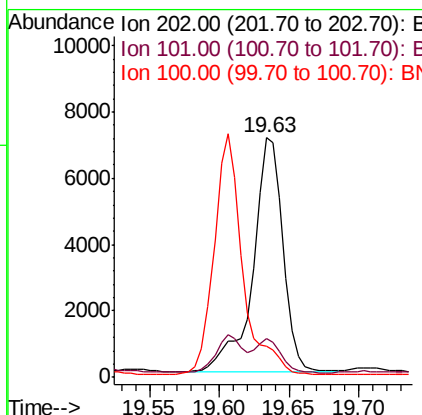
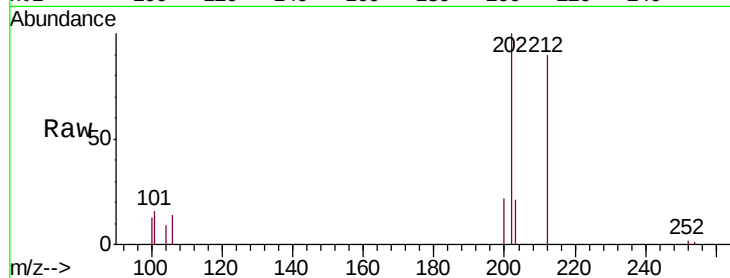




#17
 Pyrene
 Concen: 174.637 ng/ul
 RT: 19.63 min Scan# 4256
 Delta R.T. -0.00 min
 Lab File: BN003954.D
 Acq: 15 Dec 2018 12:09

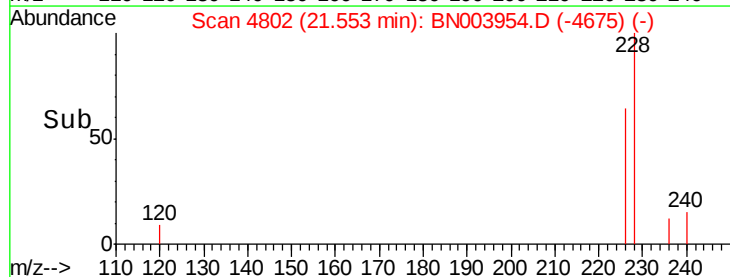
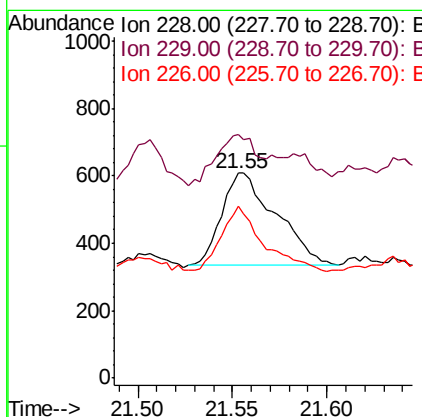
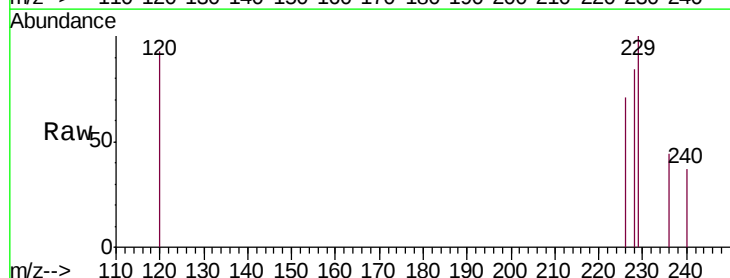
Instrument :
 BNA_N
 ClientSampleId :
 F9E66

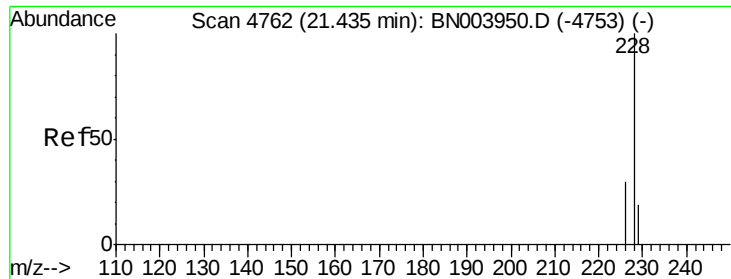
Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.2	10.3	15.5#
100	13.1	8.5	12.7#



#18
 Benzo(a)anthracene
 Concen: 9.927 ng/ul
 RT: 21.55 min Scan# 4802
 Delta R.T. 0.17 min
 Lab File: BN003954.D
 Acq: 15 Dec 2018 12:09

Tgt Ion	Ratio	Lower	Upper
228	100		
229	118.9	15.6	23.4#
226	83.9	21.1	31.7#





#19

Chrysene

Concen: 9.472 ng/ul

RT: 21.55 min Scan# 4802

Delta R.T. 0.12 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

Instrument :

BNA_N

ClientSampleId :

F9E66

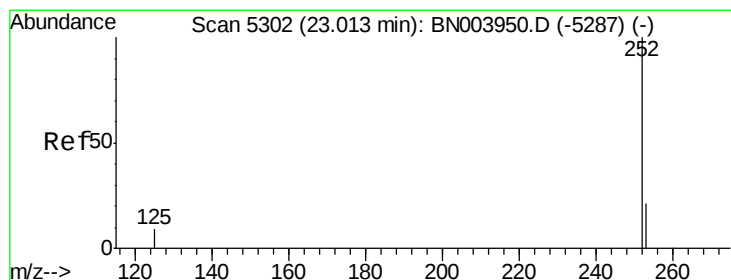
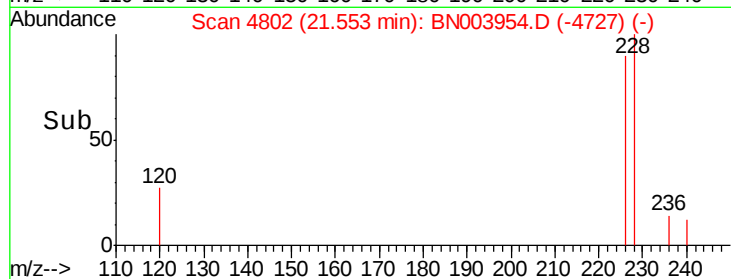
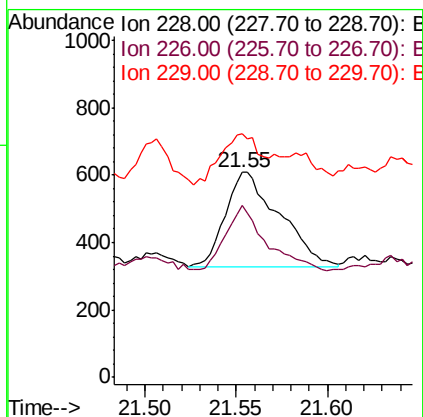
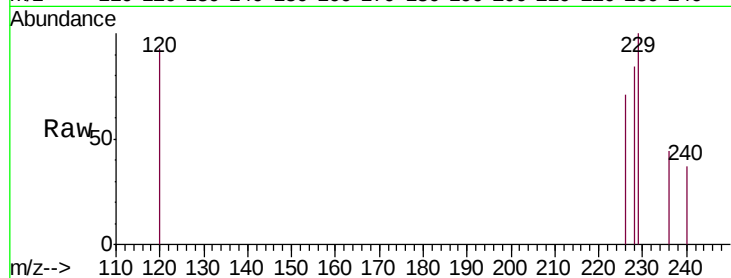
Tgt Ion:228 Resp: 582

Ion Ratio Lower Upper

228 100

226 83.9 24.0 36.0#

229 118.9 15.7 23.5#



#21

Benzo(b)fluoranthene

Concen: 20.306 ng/ul

RT: 23.19 min Scan# 5362

Delta R.T. 0.18 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

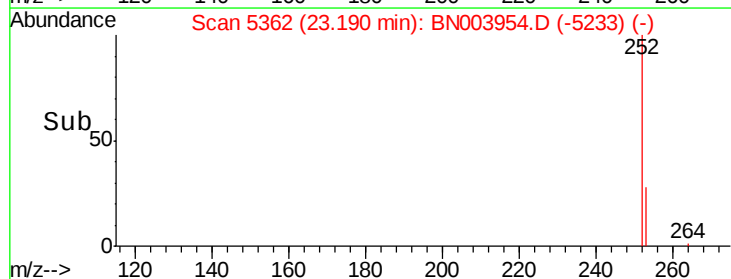
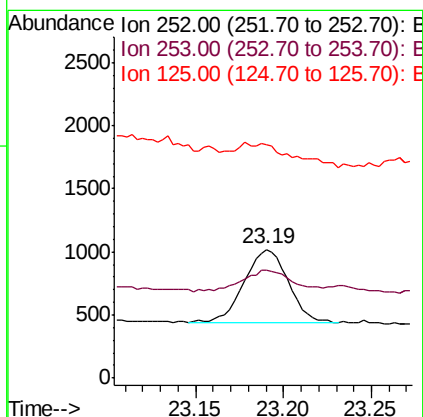
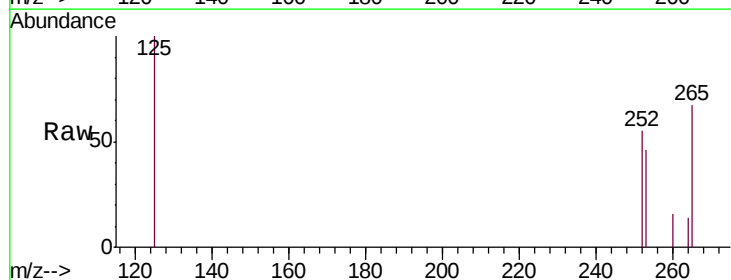
Tgt Ion:252 Resp: 1008

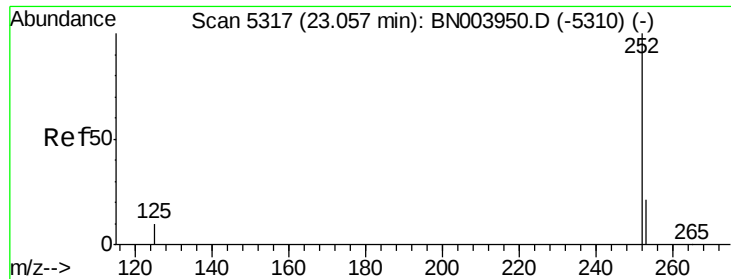
Ion Ratio Lower Upper

252 100

253 83.7 0.0 46.0#

125 181.2 0.0 22.4#





#22

Benzo(k)fluoranthene

Concen: 0.662 ng/ul

RT: 23.25 min Scan# 5381

Delta R.T. 0.19 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

Instrument :

BNA_N

ClientSampleId :

F9E66

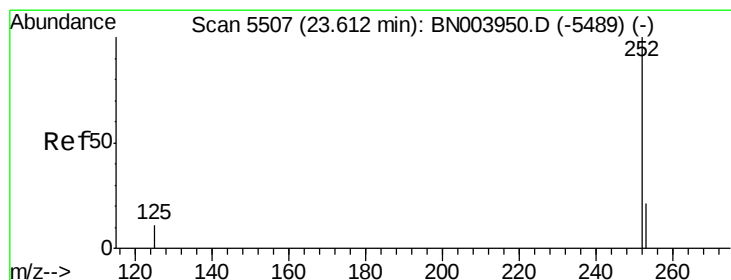
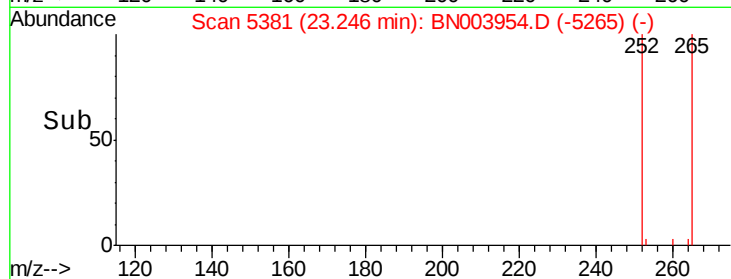
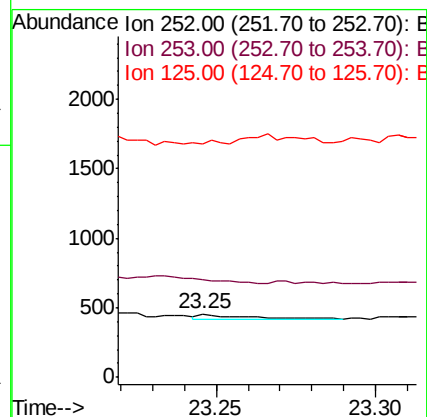
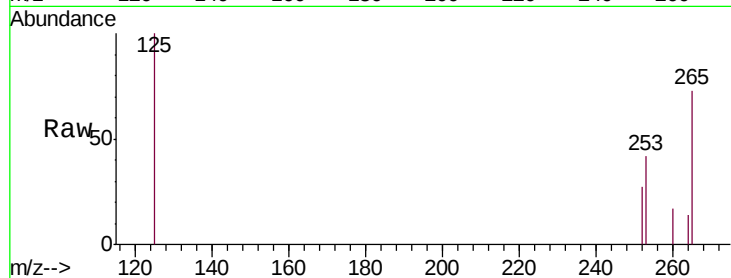
Tgt Ion:252 Resp: 32

Ion Ratio Lower Upper

252 100

253 153.8 18.5 27.7#

125 369.7 9.0 13.6#



#23

Benzo(a)pyrene

Concen: 14.493 ng/ul

RT: 23.84 min Scan# 5586

Delta R.T. 0.23 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

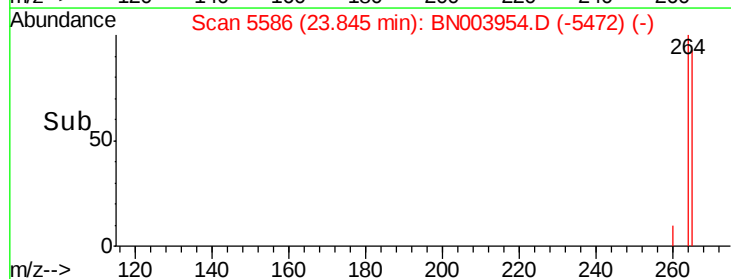
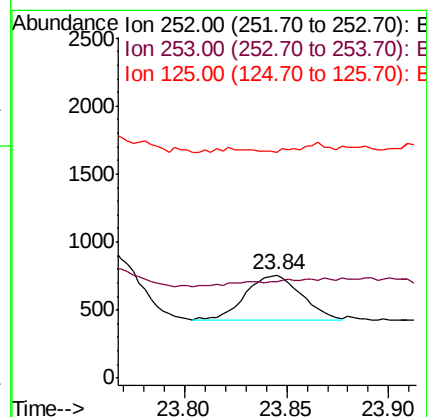
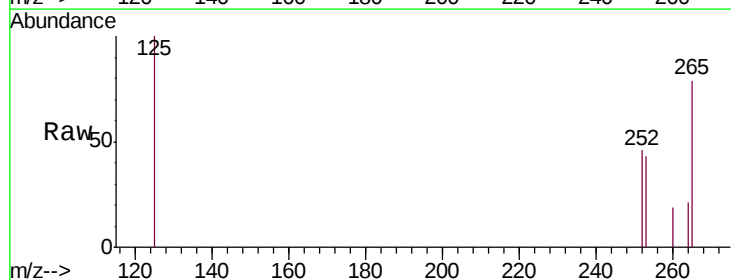
Tgt Ion:252 Resp: 623

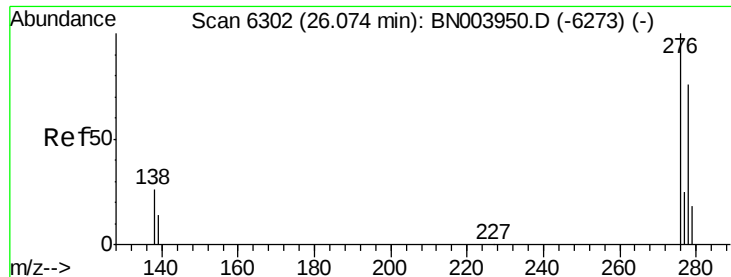
Ion Ratio Lower Upper

252 100

253 93.6 19.0 28.4#

125 218.7 10.2 15.4#





#24

Indeno(1,2,3-cd)pyrene

Concen: 3.530 ng/ul

RT: 26.34 min Scan# 6382

Delta R.T. 0.27 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

Instrument :

BNA_N

ClientSampleId :

F9E66

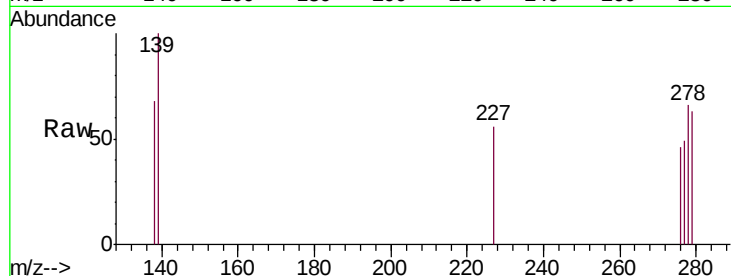
Tgt Ion:276 Resp: 174

Ion Ratio Lower Upper

276 100

138 13.2 20.3 30.5#

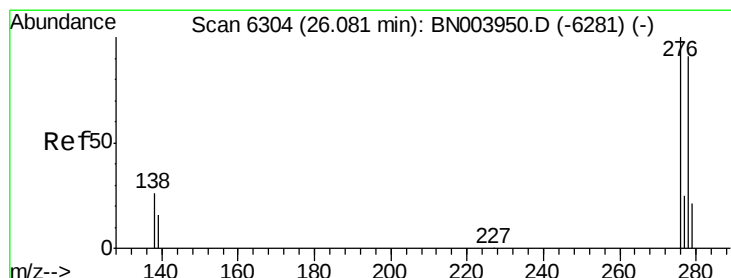
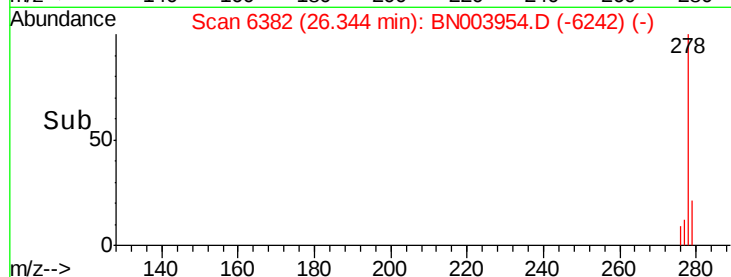
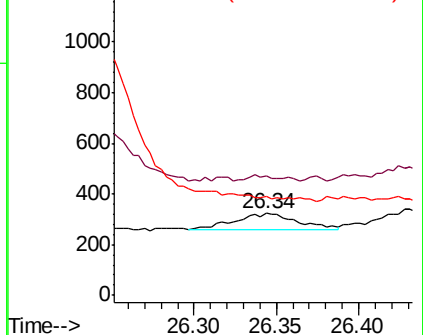
227 0.0 0.2 0.2#



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: 17.669 ng/ul

RT: 26.34 min Scan# 6381

Delta R.T. 0.26 min

Lab File: BN003954.D

Acq: 15 Dec 2018 12:09

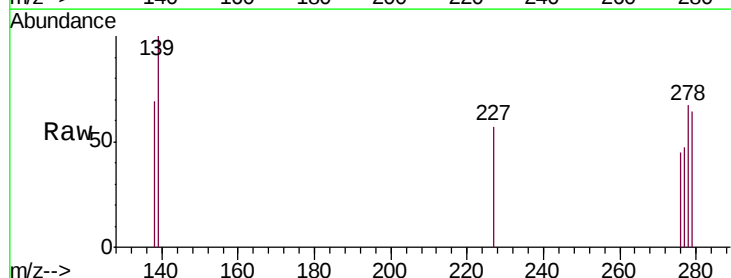
Tgt Ion:278 Resp: 701

Ion Ratio Lower Upper

278 100

139 148.7 14.2 21.4#

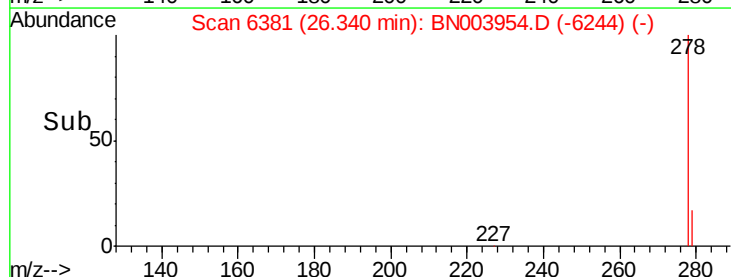
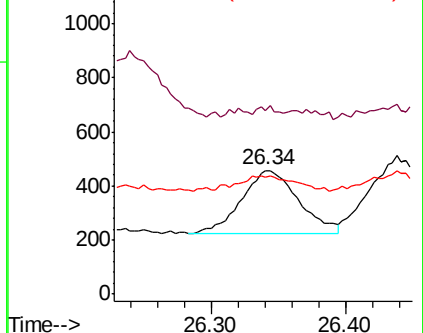
279 94.8 19.8 29.6#

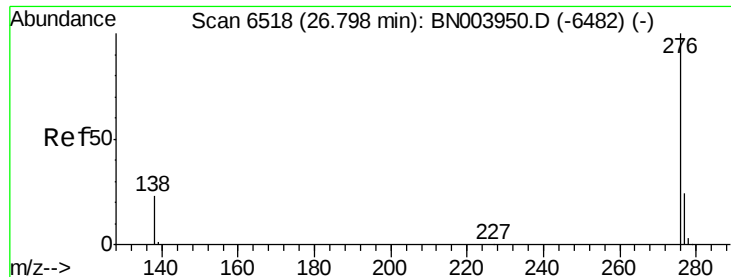


Abundance Ion 278.00 (277.70 to 278.70): E

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: 1.354 ng/ul

RT: 27.01 min Scan# 6581

Delta R.T. 0.21 min

Lab File: BN003954.D

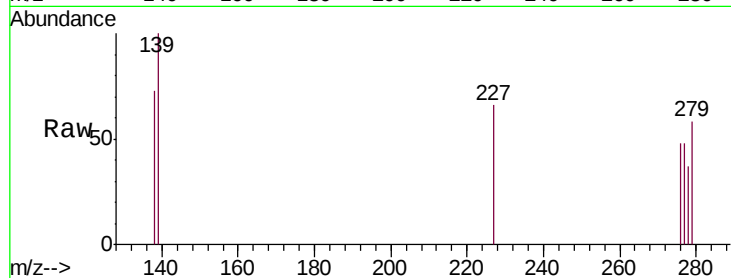
Acq: 15 Dec 2018 12:09

Instrument :

BNA_N

ClientSampleId :

F9E66



Tgt Ion: 276 Resp: 58

Ion Ratio Lower Upper

276 100

138 152.4 17.7 26.5#

277 100.3 19.3 28.9#

