

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061318\
 Data File : BN001849.D
 Acq On : 13 Jun 2018 18:43
 Operator : JU/SJ
 Sample : J3375-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Jun 14 05:25:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN061318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 13 12:02:12 2018
 Response via : Initial Calibration

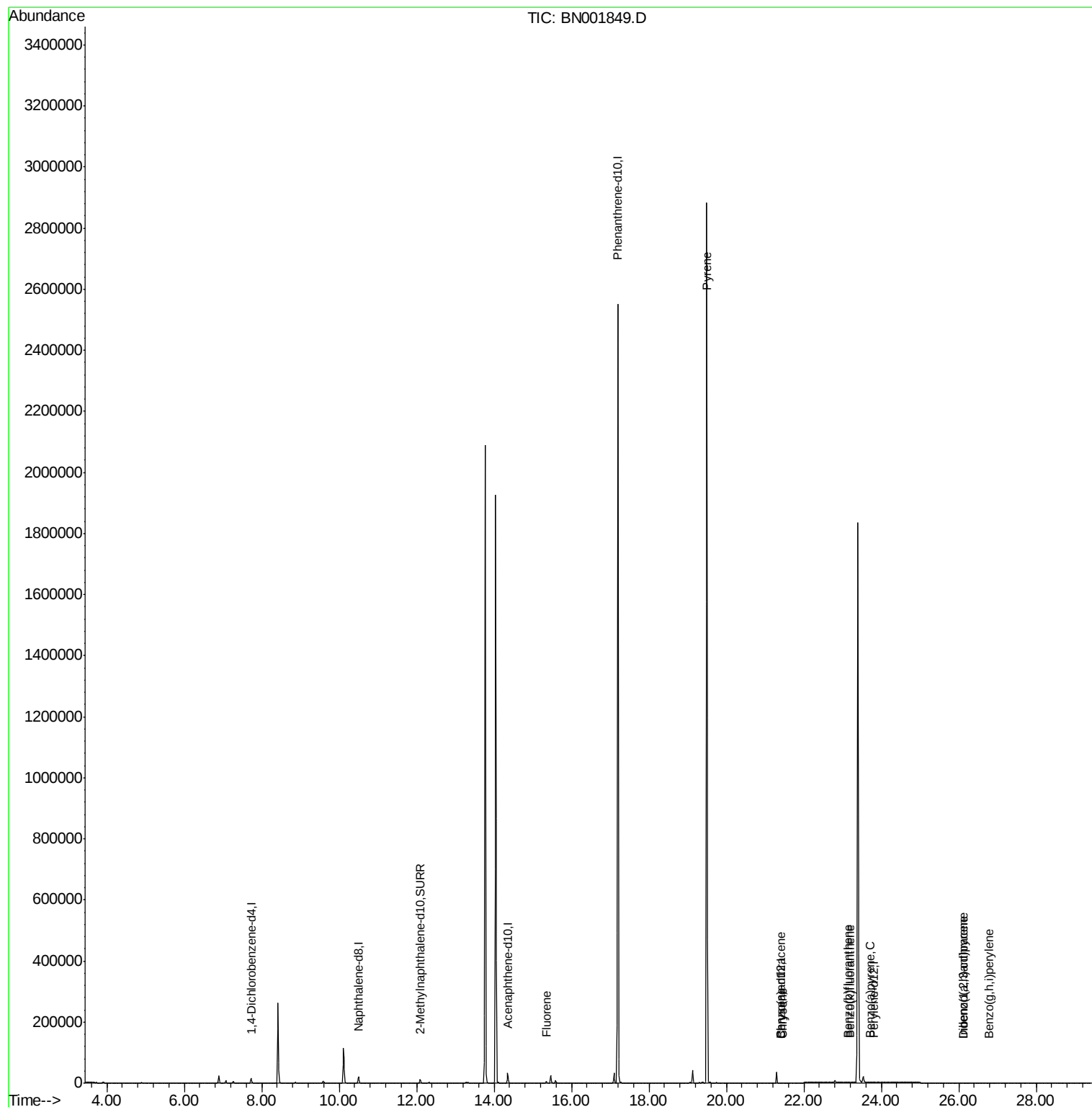
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	6962	0.40	ng/ul	0.00
2) Naphthalene-d8	10.50	136	27820	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.35	164	16956	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.20	188	2969211	0.40	ng/ul	0.10
16) Chrysene-d12	21.42	240	14	0.40	ng/ul	0.12
20) Perylene-d12	23.82	264	28	0.40	ng/ul	0.29
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.09	152	16134	0.37	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
9) Fluorene	15.35	166	5394	0.076	ng/ul#	19
17) Pyrene	19.50	202	5067	99.564	ng/ul#	1
18) Benzo(a)anthracene	21.40	228	29	0.599	ng/ul#	1
19) Chrysene	21.46	228	5	0.104	ng/ul#	1
21) Benzo(b)fluoranthene	23.14	252	5	0.049	ng/ul#	1
22) Benzo(k)fluoranthene	23.19	252	5	0.049	ng/ul#	1
23) Benzo(a)pyrene	23.72	252	26	0.276	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	26.11	276	4	0.038	ng/ul#	1
25) Dibenzo(a,h)anthracene	26.13	278	2	0.024	ng/ul#	1
26) Benzo(g,h,i)perylene	26.78	276	3	0.033	ng/ul#	1

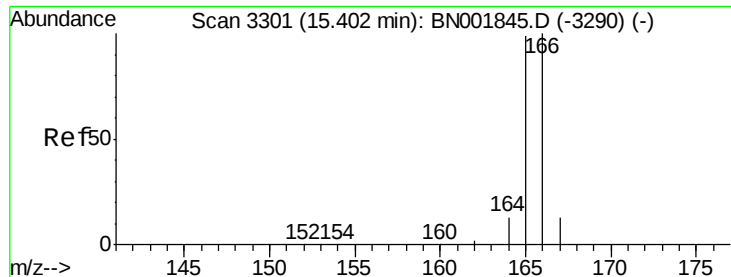
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Fluorene

Concen: 0.076 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.06 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

Instrument :

BNA_N

ClientSampleId :

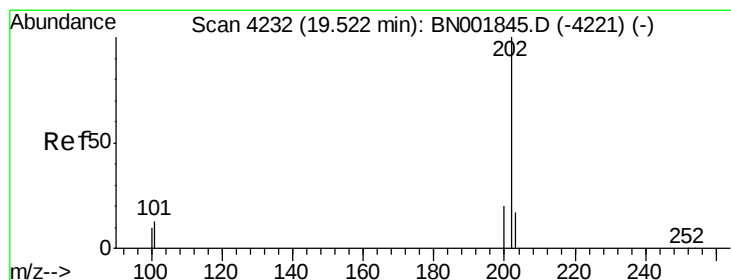
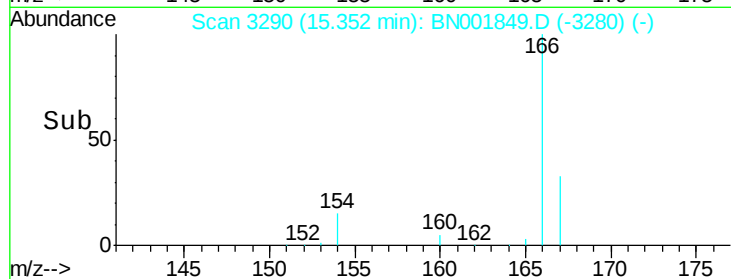
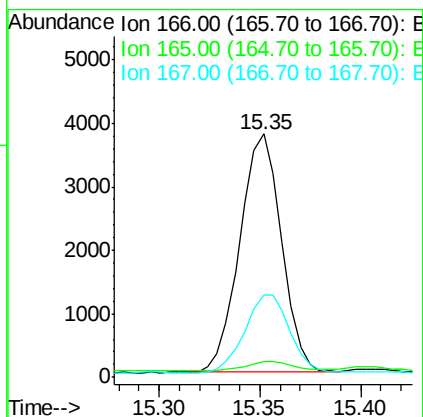
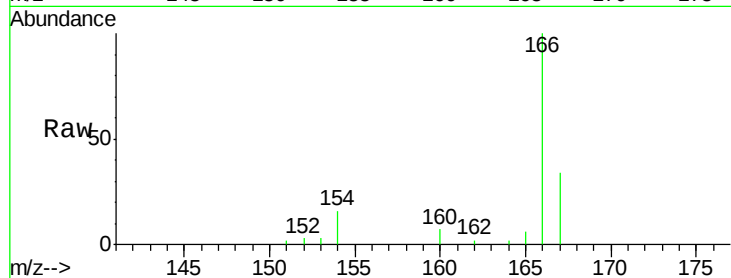
Tot Ion:166 Resp: 5394

Ion Ratio Lower Upper

166 100

165 6.4 73.4 110.2#

167 34.0 14.6 22.0#



#17

Pyrene

Concen: 99.564 ng/ul

RT: 19.50 min Scan# 4227

Delta R.T. -0.03 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

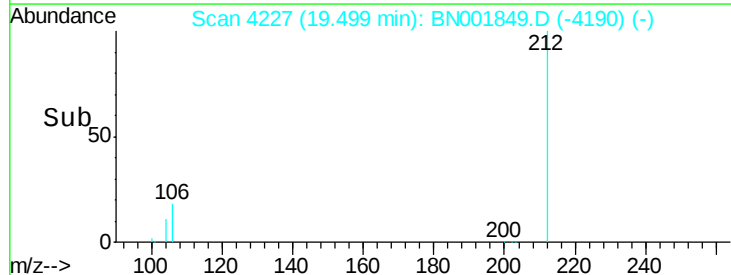
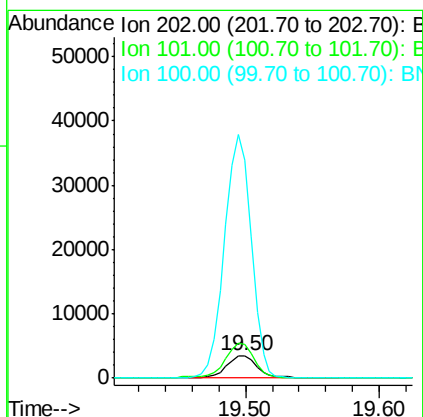
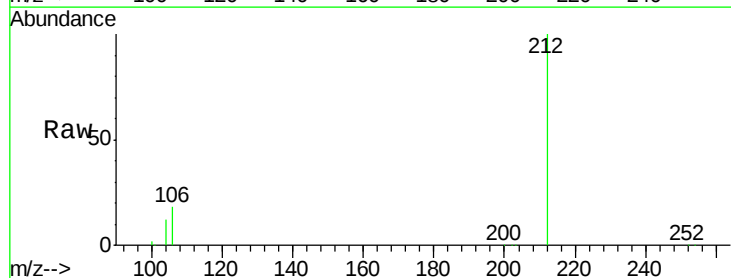
Tgt Ion:202 Resp: 5067

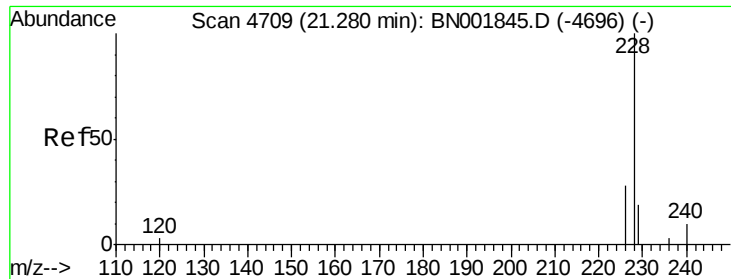
Ion Ratio Lower Upper

202 100

101 151.4 12.0 18.0#

100 982.2 8.0 12.0#





#18

Benzo(a)anthracene

Concen: 0.599 ng/ul

RT: 21.40 min Scan# 4750

Delta R.T. 0.12 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

Instrument :

BNA_N

ClientSampleId :

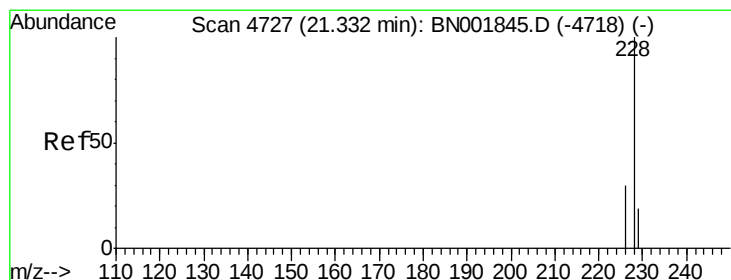
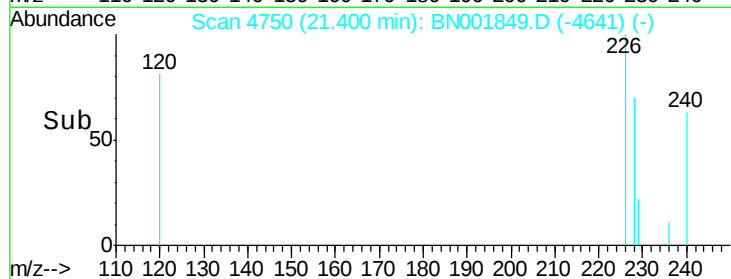
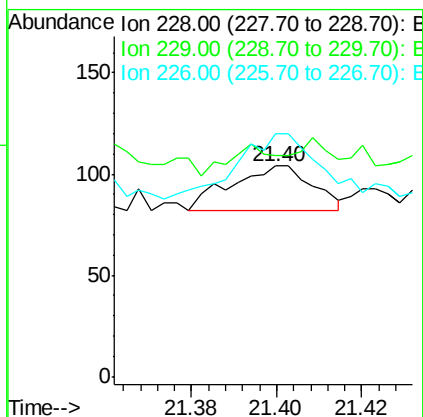
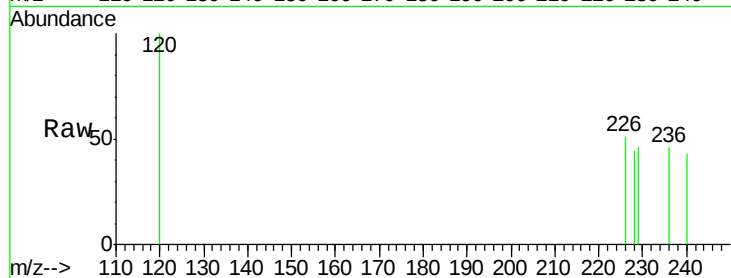
Tot Ion:228 Resp: 29

Ion Ratio Lower Upper

228 100

229 104.8 22.8 34.2#

226 115.4 17.0 25.6#



#19

Chrysene

Concen: 0.104 ng/ul

RT: 21.46 min Scan# 4771

Delta R.T. 0.13 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

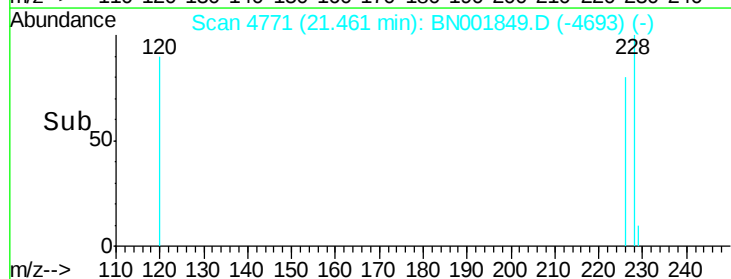
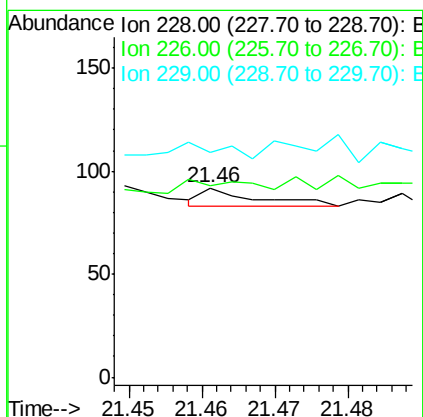
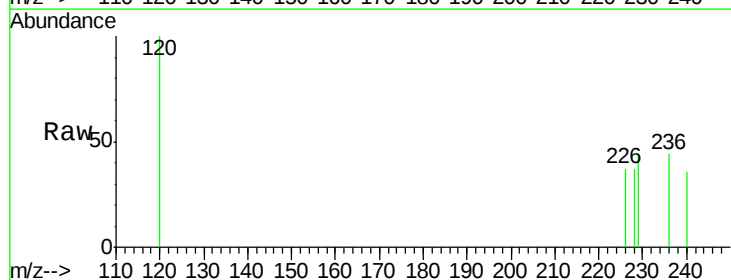
Tgt Ion:228 Resp: 5

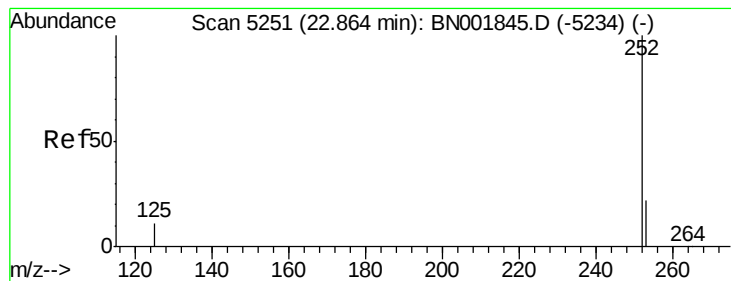
Ion Ratio Lower Upper

228 100

226 101.1 23.4 35.0#

229 118.5 17.7 26.5#





#21

Benzo(b)fluoranthene

Concen: 0.049 ng/ul

RT: 23.14 min Scan# 5345

Delta R.T. 0.27 min

Lab File: BN001849.D

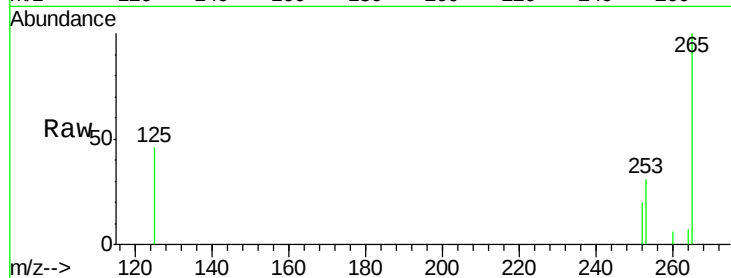
Acq: 13 Jun 2018 18:43

Instrument :

BNA_N

ClientSampleId :

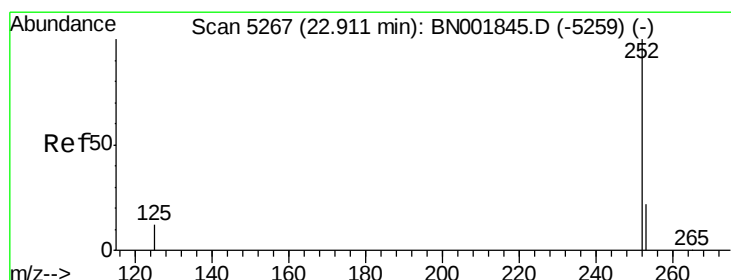
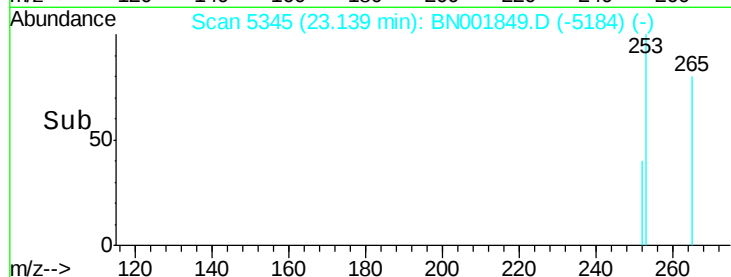
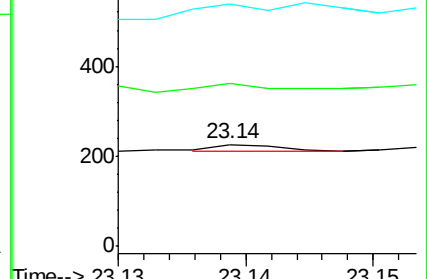
Tot Ion:252	Resp:	5	
Ion Ratio	Lower	Upper	
252	100		
253	160.2	0.0	64.2#
125	237.6	0.0	35.0#



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: 0.049 ng/ul

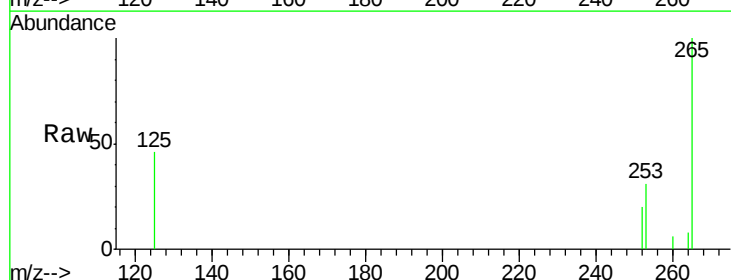
RT: 23.19 min Scan# 5363

Delta R.T. 0.28 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

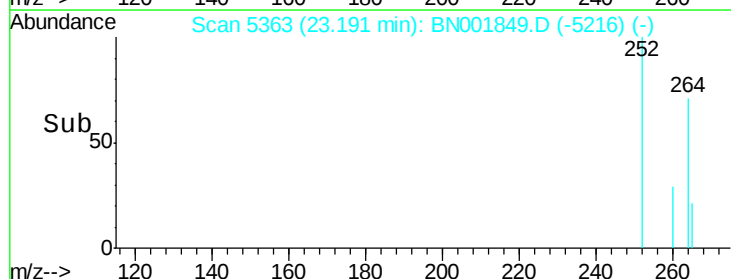
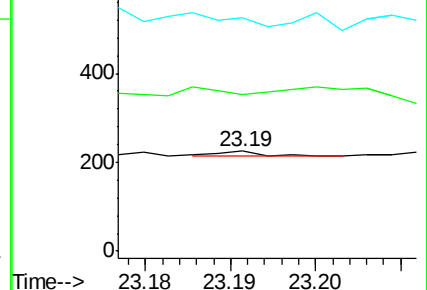
Tgt	Ion:252	Resp:	5
Ion	Ratio	Lower	Upper
252	100		
253	156.9	24.5	36.7#
125	232.9	13.7	20.5#

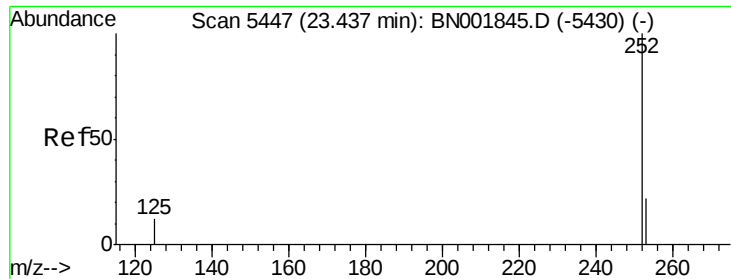


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.276 ng/u1

RT: 23.72 min Scan# 5543

Delta R.T. 0.28 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

Instrument :

BNA_N

ClientSampleId :

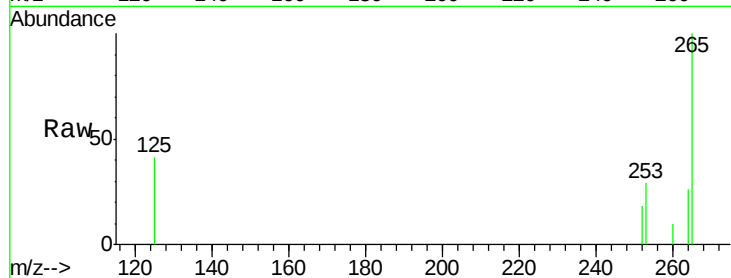
Tot Ion:252 Resp: 26

Ion Ratio Lower Upper

252 100

253 157.4 16.0 24.0#

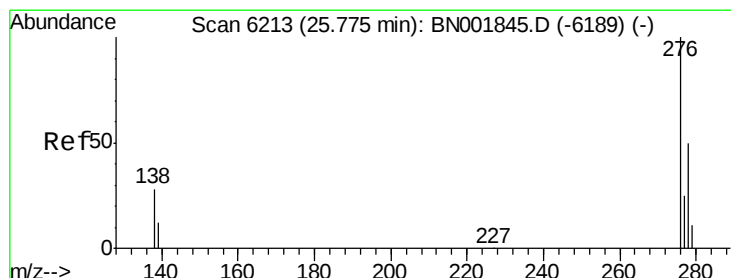
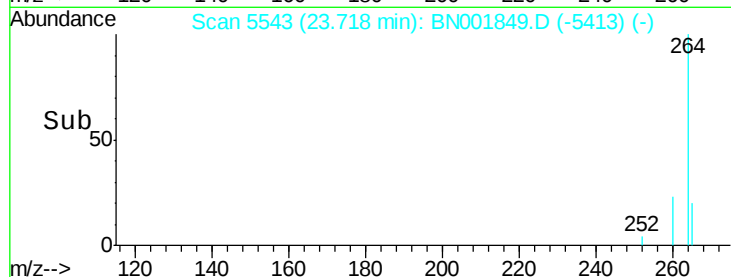
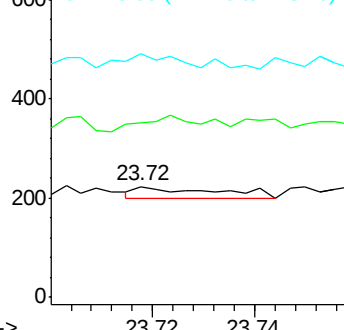
125 220.2 12.0 18.0#



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: 0.038 ng/u1

RT: 26.11 min Scan# 6312

Delta R.T. 0.33 min

Lab File: BN001849.D

Acq: 13 Jun 2018 18:43

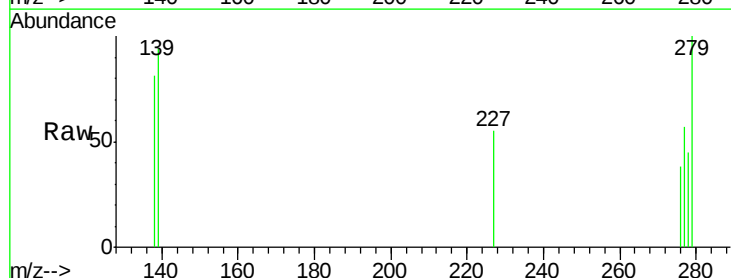
Tgt Ion:276 Resp: 4

Ion Ratio Lower Upper

276 100

138 150.0 28.0 42.0#

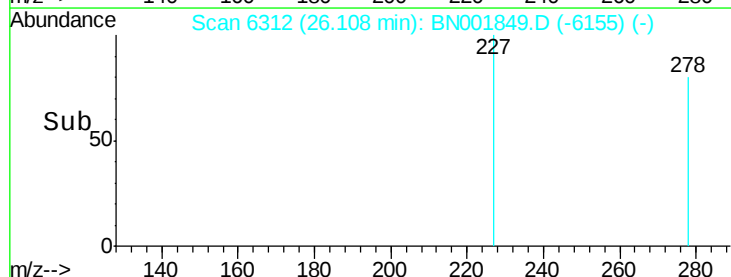
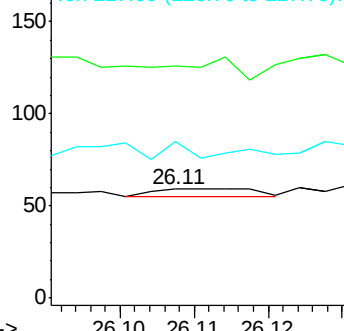
227 75.0 0.8 1.2#

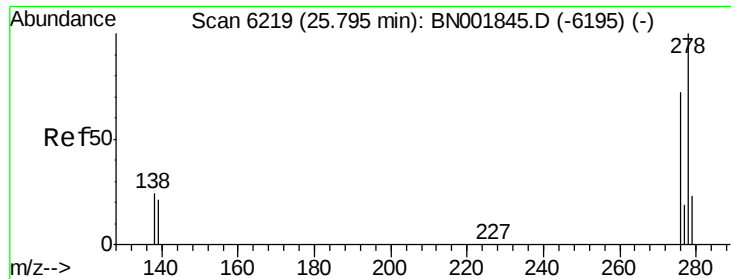


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

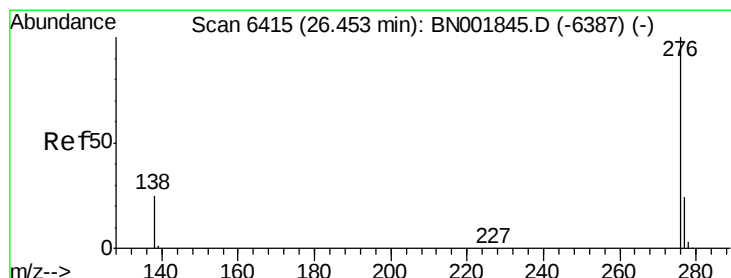
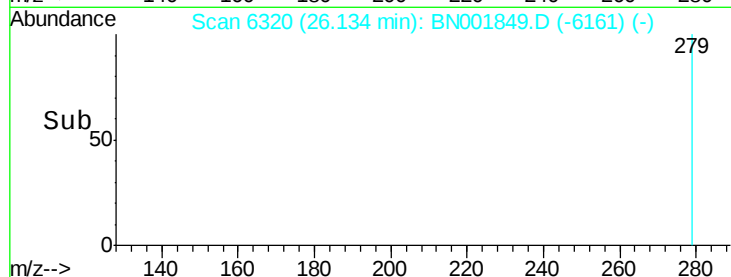
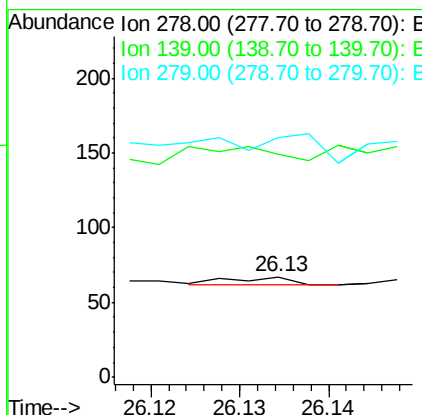
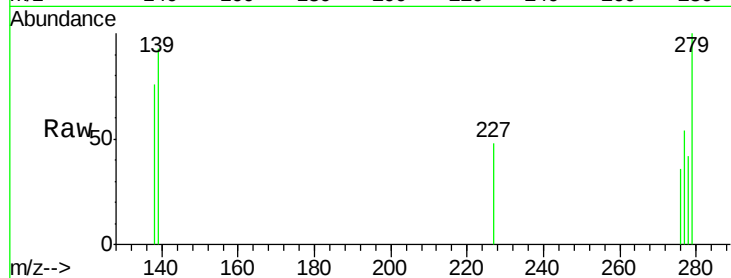




#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/u1
RT: 26.13 min Scan# 6320
Delta R.T. 0.33 min
Lab File: BN001849.D
Acq: 13 Jun 2018 18:43

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 2
Ion Ratio Lower Upper
278 100
139 222.4 17.4 26.0#
279 238.8 25.9 38.9#



#26
Benzo(g,h,i)perylene
Concen: 0.033 ng/u1
RT: 26.78 min Scan# 6513
Delta R.T. 0.33 min
Lab File: BN001849.D
Acq: 13 Jun 2018 18:43

Tgt Ion:276 Resp: 3
Ion Ratio Lower Upper
276 100
138 200.0 21.8 32.8#
277 135.5 20.5 30.7#

