

Data File : BN009068.D
Acq On : 20 Dec 2019 15:06
Operator : JU
Sample : K6171-01DL 5X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0BS0DL

Quant Time: Dec 20 22:57:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 22:55:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	3744	0.40	ng/ul	0.00
2) Naphthalene-d8	10.29	136	14137	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.17	164	7326	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.91	188	13562	0.40	ng/ul	0.00
16) Chrysene-d12	21.12	240	7795	0.40	ng/ul	0.00
20) Perylene-d12	23.26	264	7955	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.89	152	726	0.03	ng/ul	0.00
14) Fluoranthene-d10	18.95	212	1229	0.03	ng/ul	0.00

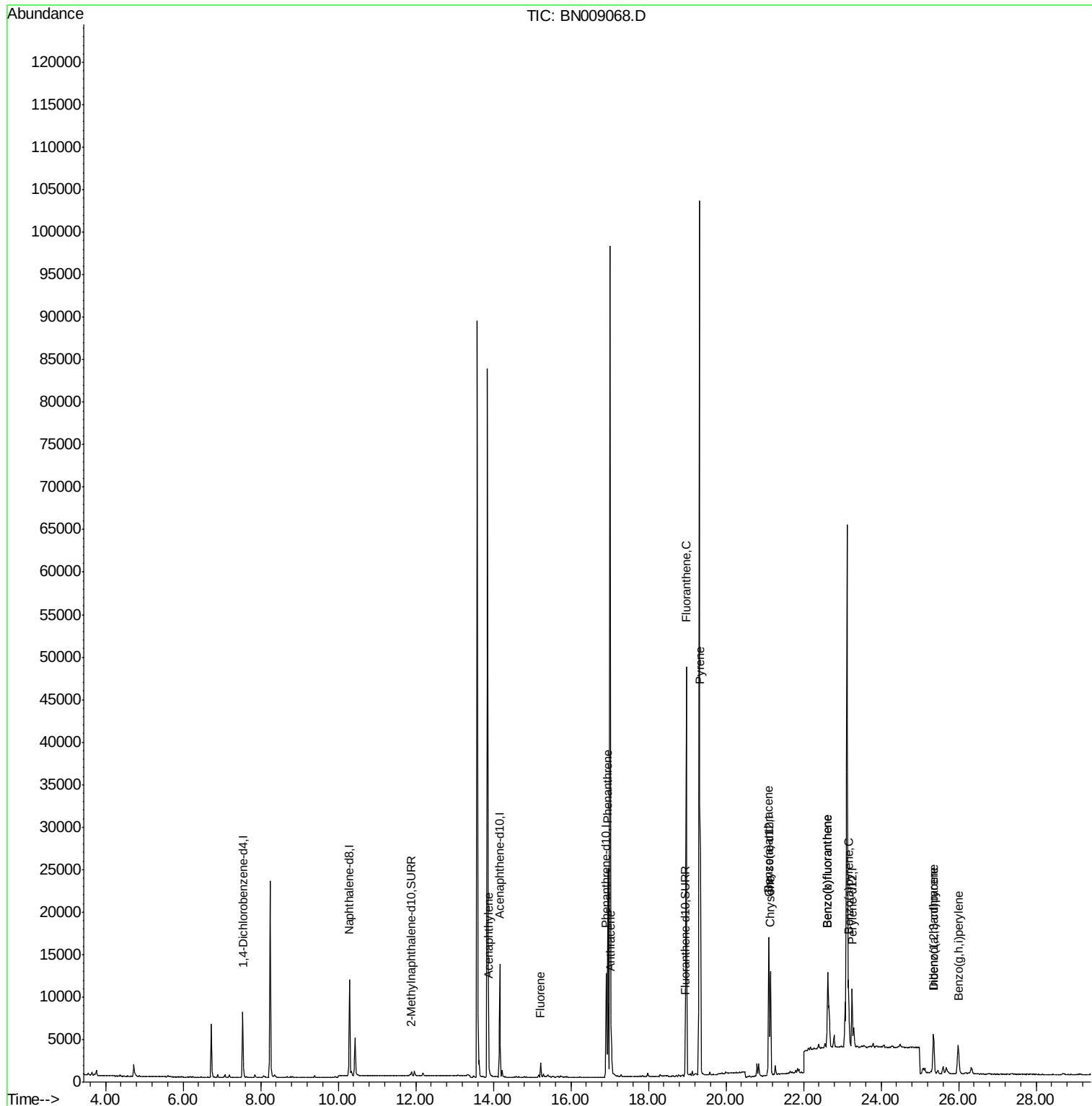
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
7) Acenaphthylene	13.88	152	1325	0.034	ng/ul#	91
9) Fluorene	15.22	166	1107	0.031	ng/ul#	98
12) Phenanthrene	16.95	178	24680	0.523	ng/ul	100
13) Anthracene	17.04	178	4672	0.110	ng/ul	96
15) Fluoranthene	18.98	202	40248	0.746	ng/ul	98
17) Pyrene	19.34	202	31671	0.796	ng/ul	98
18) Benzo(a)anthracene	21.10	228	12008	0.347	ng/ul	97
19) Chrysene	21.15	228	11851	0.341	ng/ul	96
21) Benzo(b)fluoranthene	22.63	252	19018	0.512	ng/ul	89
22) Benzo(k)fluoranthene	22.63	252	19018	0.508	ng/ul#	90
23) Benzo(a)pyrene	23.16	252	9538	0.293	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.35	276	6718	0.190	ng/ul	93
25) Dibenzo(a,h)anthracene	25.36	278	1556	0.055	ng/ul#	50
26) Benzo(g,h,i)perylene	25.99	276	6689	0.224	ng/ul	94

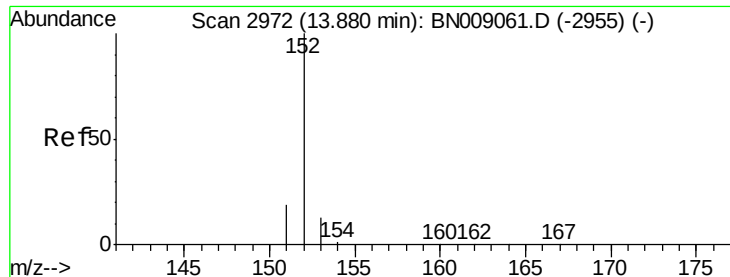
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.034 ng/ul

RT: 13.88 min Scan# 2973

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

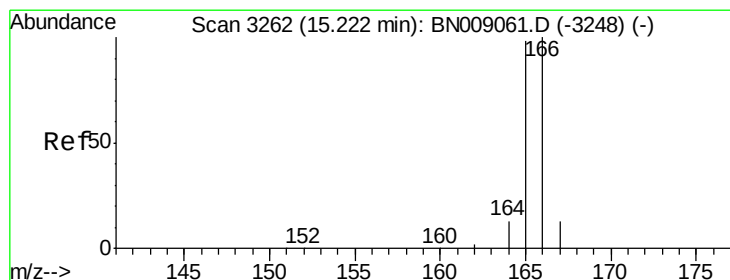
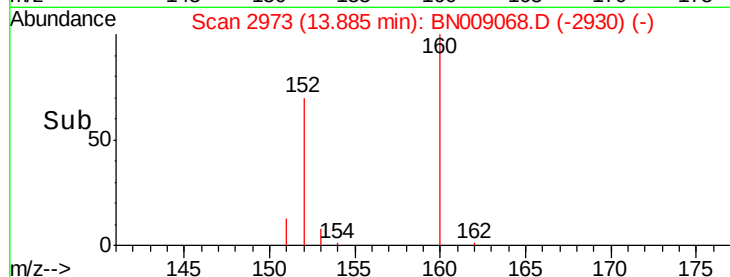
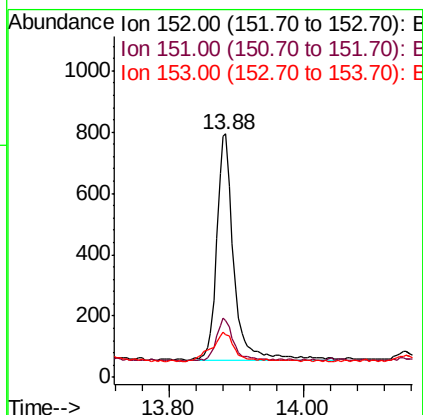
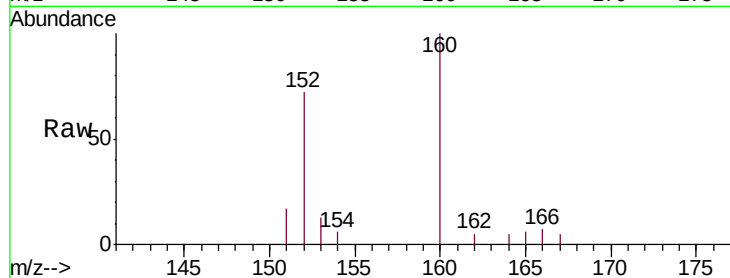
Instrument :

BNA_N

ClientSampleId :

C0BS0DL

Tgt Ion:	152	Resp:	1325
Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.7	23.5
153	17.5	10.8	16.2



#9

Fluorene

Concen: 0.031 ng/ul

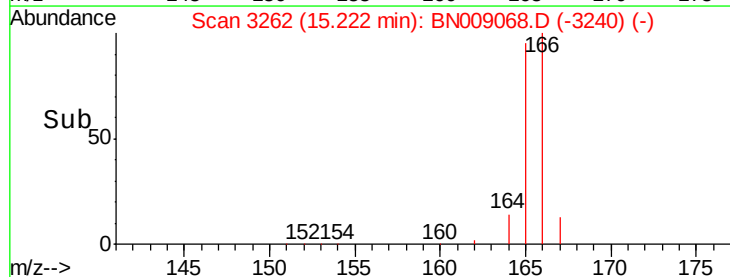
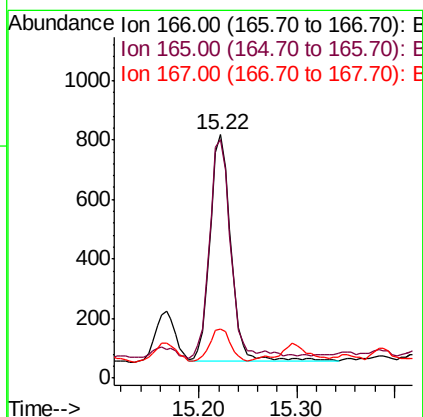
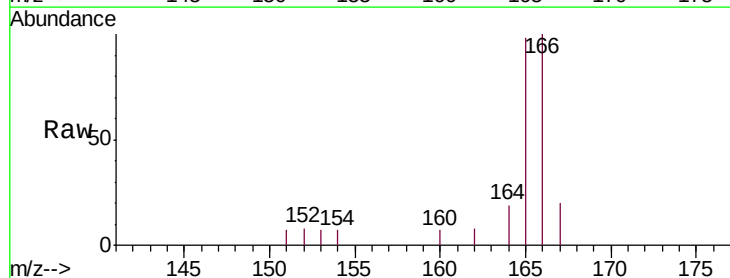
RT: 15.22 min Scan# 3262

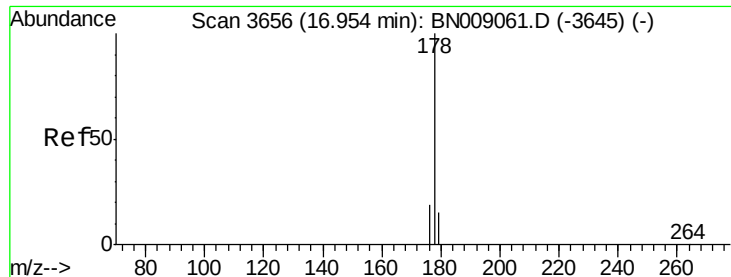
Delta R.T. -0.00 min

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Tgt Ion:	166	Resp:	1107
Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.4
167	20.3	11.0	16.6





#12

Phenanthrene

Concen: 0.523 ng/ul

RT: 16.95 min Scan# 3656

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

ClientSampleId :

C0BS0DL

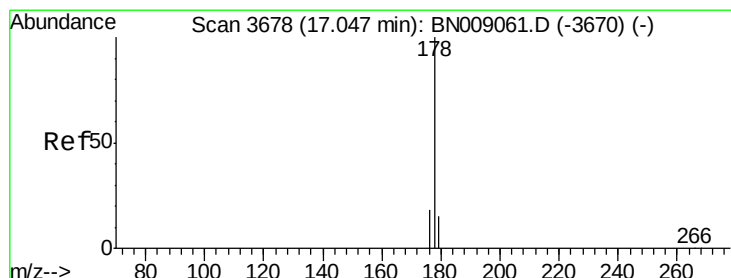
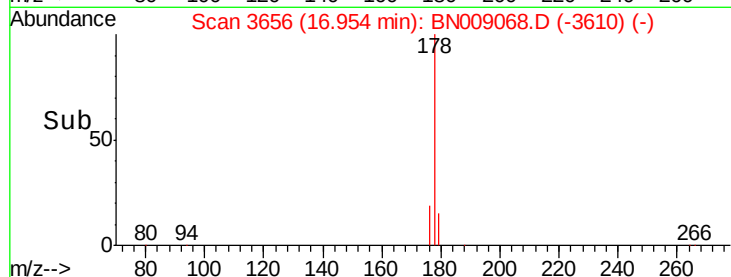
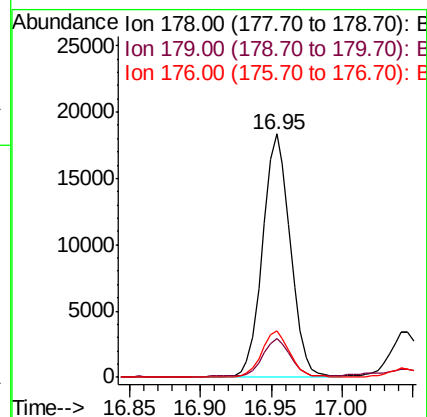
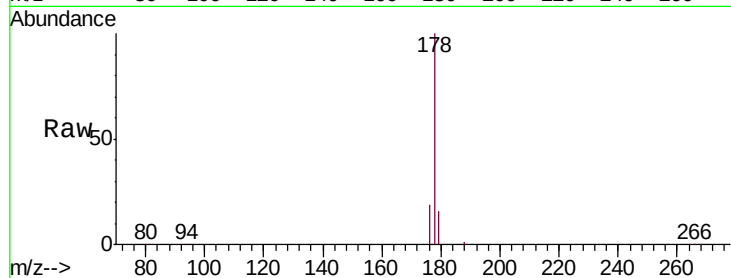
Tgt Ion:178 Resp: 24680

Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.9 15.1 22.7



#13

Anthracene

Concen: 0.110 ng/ul

RT: 17.04 min Scan# 3677

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

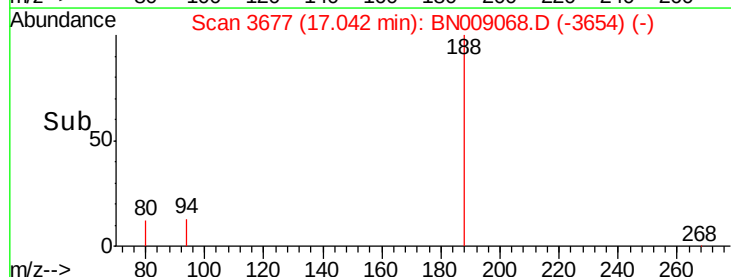
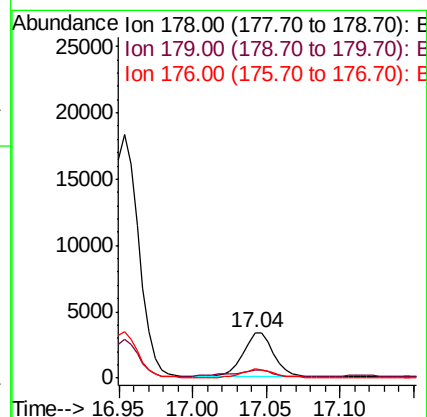
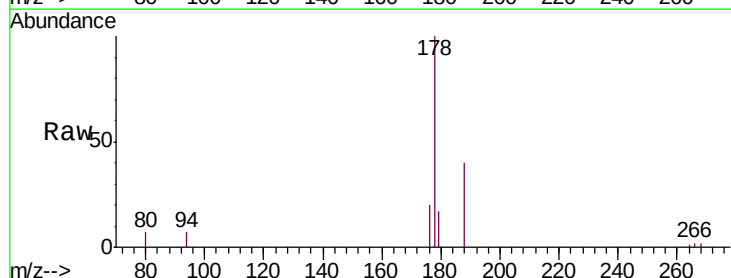
Tgt Ion:178 Resp: 4672

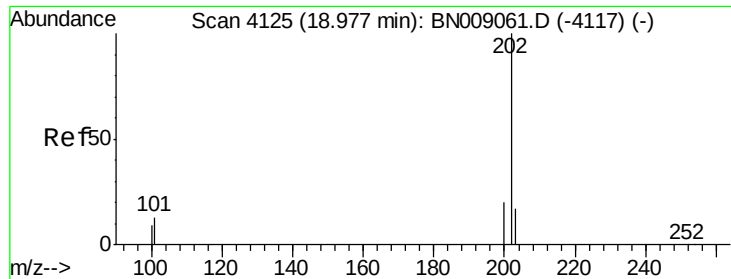
Ion Ratio Lower Upper

178 100

179 17.5 12.5 18.7

176 19.9 14.9 22.3

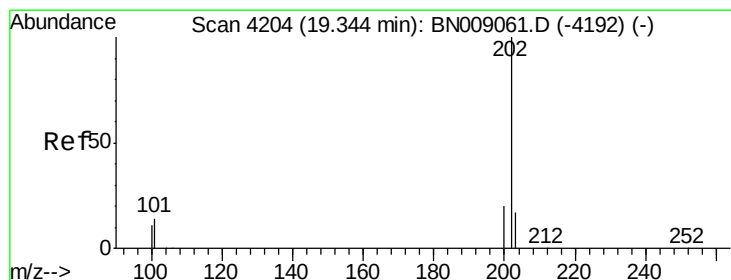
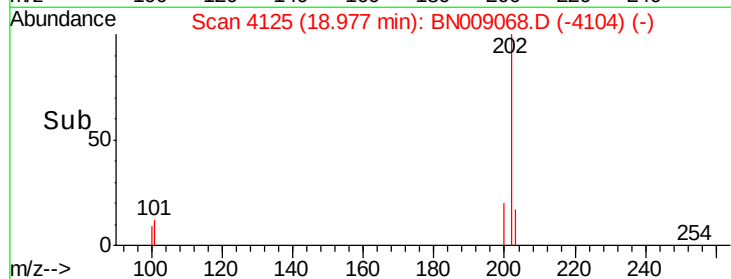
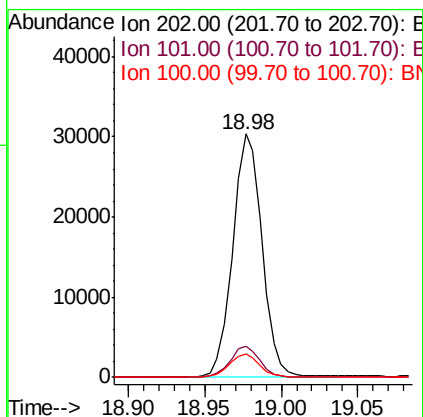
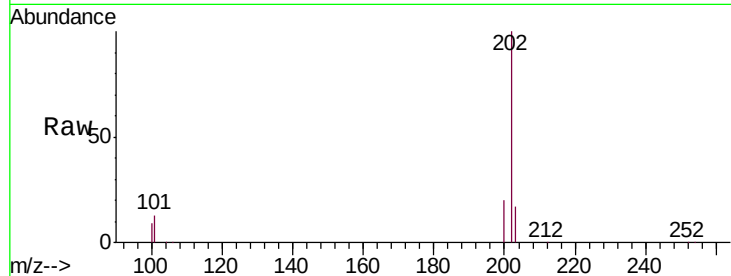




#15
Fluoranthene
 Concen: 0.746 ng/ul
 RT: 18.98 min Scan# 4125
 Delta R.T. -0.00 min
 Lab File: BN009068.D
 Acq: 20 Dec 2019 15:06

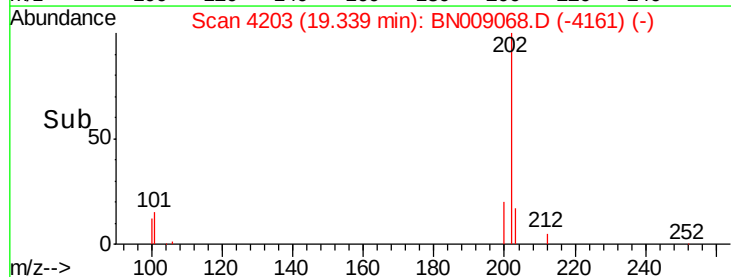
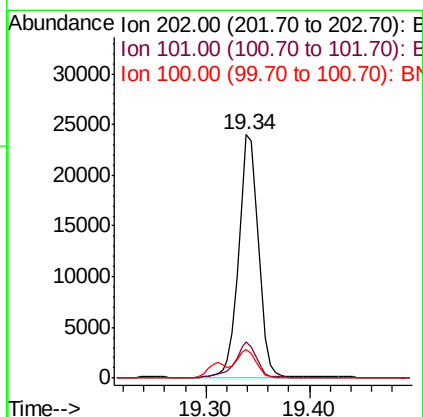
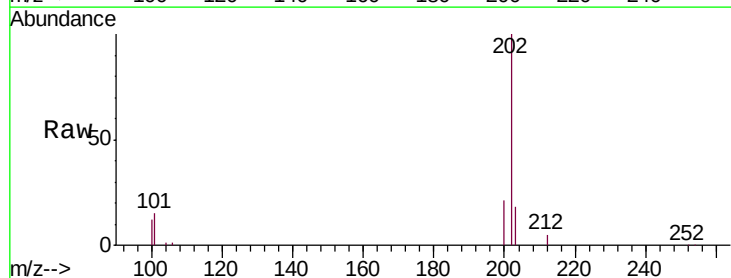
Instrument :
 BNA_N
 ClientSampleId :
 C0BS0DL

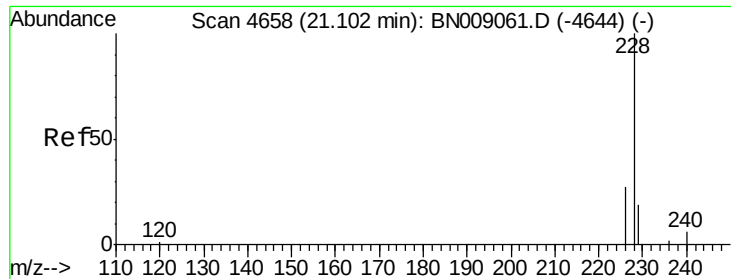
Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.5
100	9.4	0.0	28.9



#17
Pyrene
 Concen: 0.796 ng/ul
 RT: 19.34 min Scan# 4203
 Delta R.T. -0.00 min
 Lab File: BN009068.D
 Acq: 20 Dec 2019 15:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.9	10.9	16.3
100	11.9	9.0	13.6





#18

Benzo(a)anthracene

Concen: 0.347 ng/ul

RT: 21.10 min Scan# 4658

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

ClientSampleId :

C0BS0DL

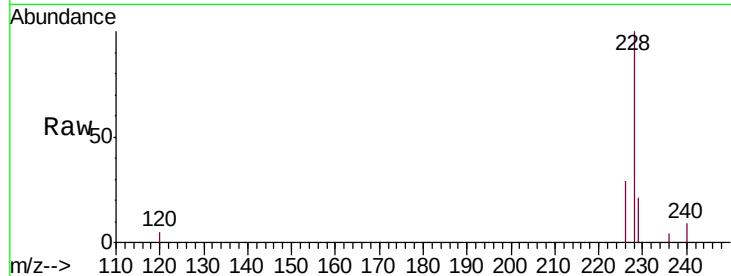
Tgt Ion:228 Resp: 12008

Ion Ratio Lower Upper

228 100

229 20.6 15.5 23.3

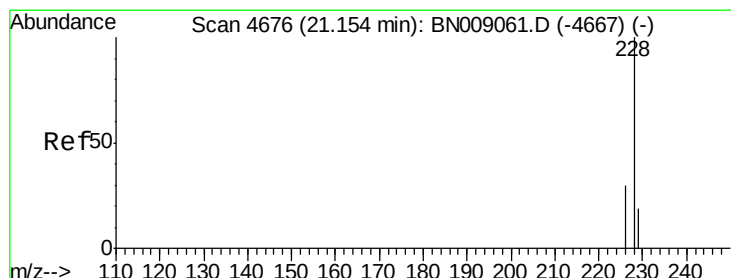
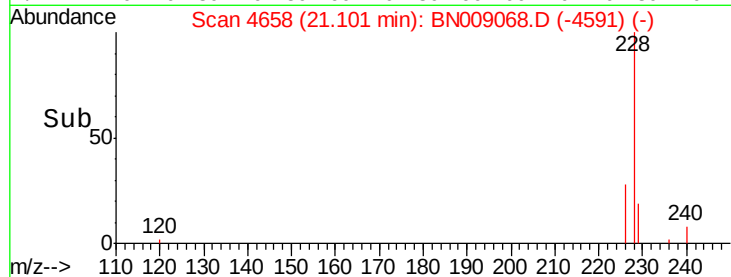
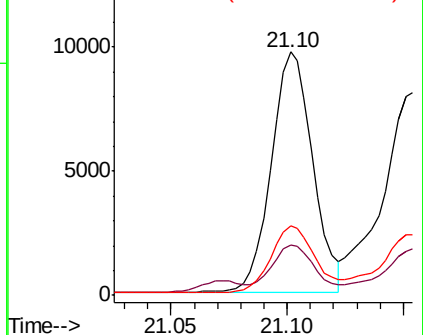
226 28.6 21.7 32.5



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: 0.341 ng/ul

RT: 21.15 min Scan# 4676

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

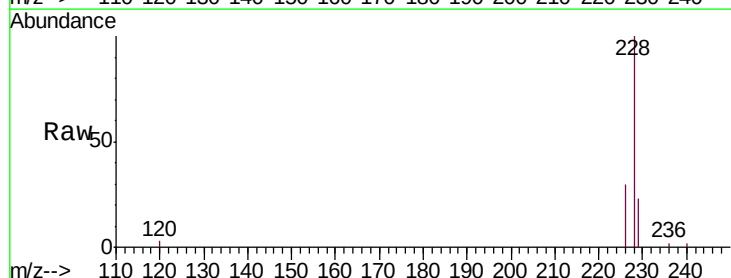
Tgt Ion:228 Resp: 11851

Ion Ratio Lower Upper

228 100

226 30.0 23.7 35.5

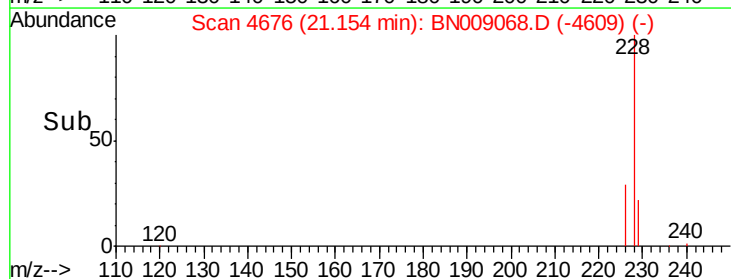
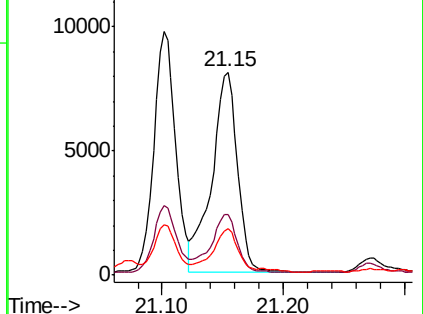
229 22.7 15.4 23.0

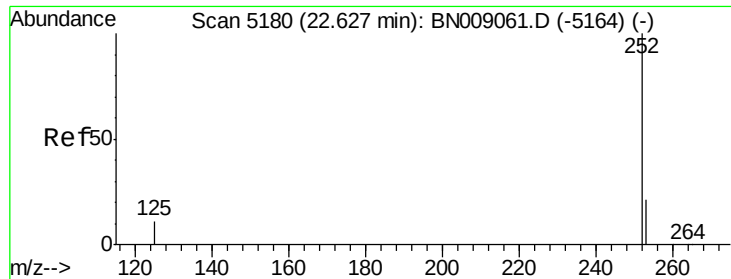


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 0.512 ng/ul

RT: 22.63 min Scan# 5180

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

Instrument :

BNA_N

ClientSampleId :

C0BS0DL

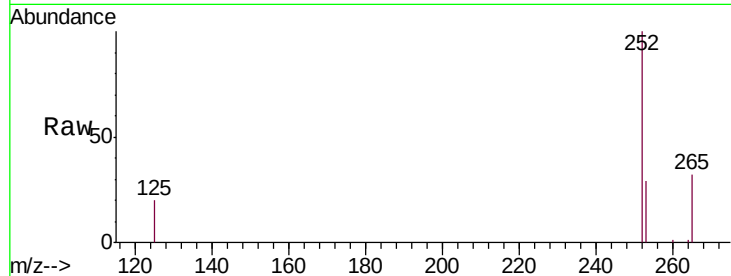
Tgt Ion:252 Resp: 19018

Ion Ratio Lower Upper

252 100

253 29.1 0.0 48.2

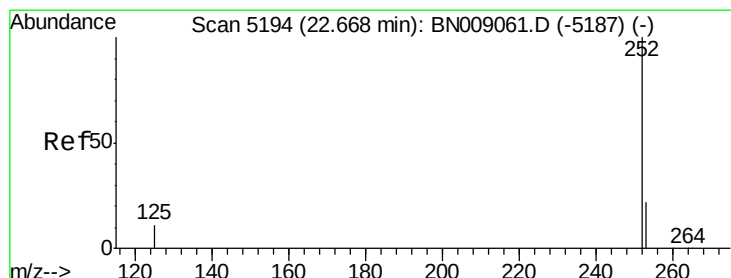
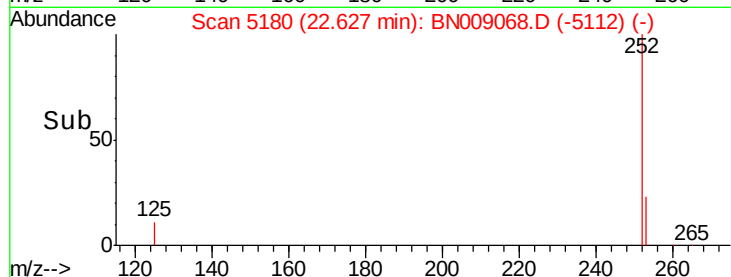
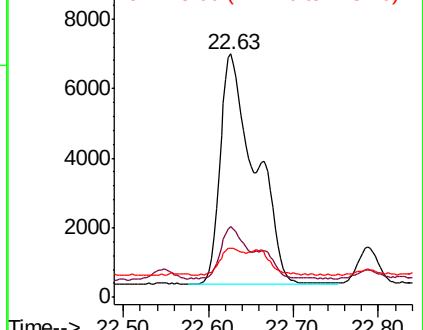
125 19.9 0.0 30.0



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: 0.508 ng/ul

RT: 22.63 min Scan# 5180

Delta R.T. -0.04 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

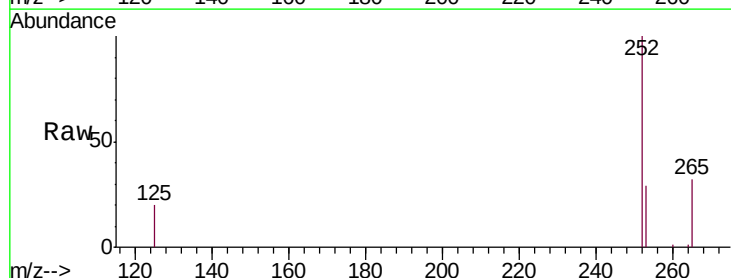
Tgt Ion:252 Resp: 19018

Ion Ratio Lower Upper

252 100

253 29.1 19.4 29.0#

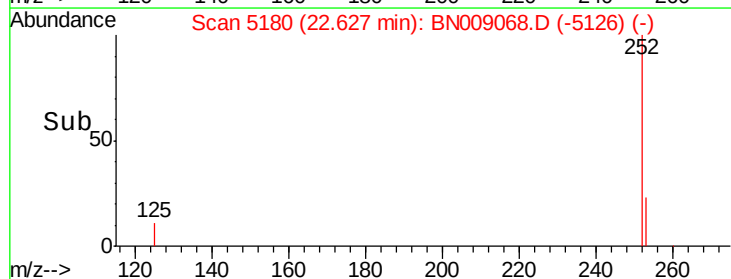
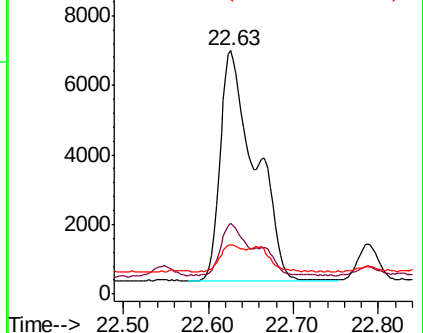
125 19.9 12.4 18.6#

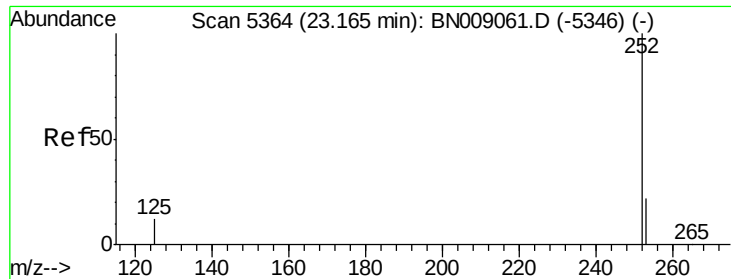


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.293 ng/ul

RT: 23.16 min Scan# 5363

Delta R.T. -0.00 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

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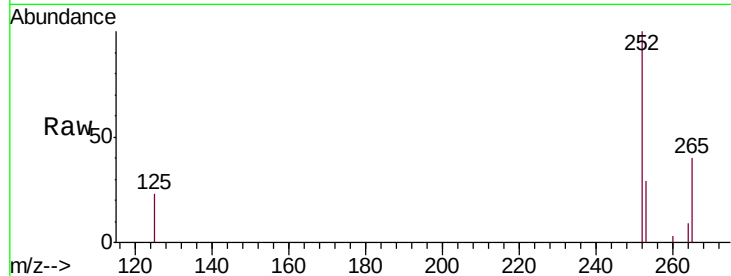
Tgt Ion: 252 Resp: 9538

Ion Ratio Lower Upper

252 100

253 29.4 20.2 30.4

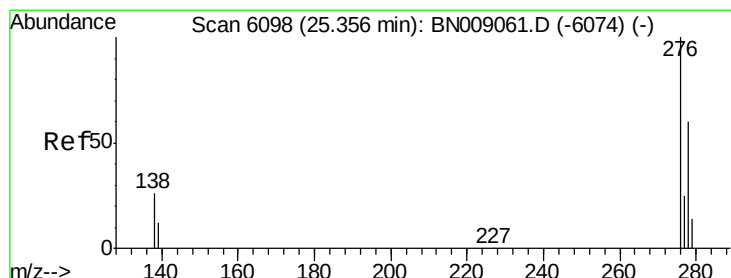
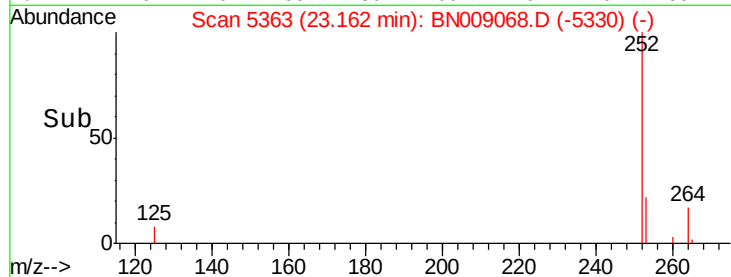
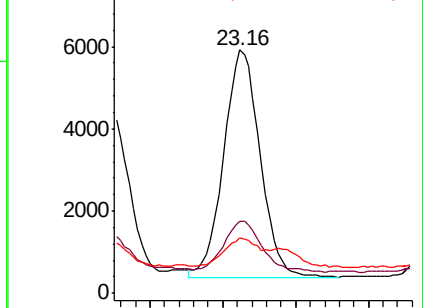
125 22.5 13.2 19.8#



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: 0.190 ng/ul

RT: 25.35 min Scan# 6097

Delta R.T. -0.01 min

Lab File: BN009068.D

Acq: 20 Dec 2019 15:06

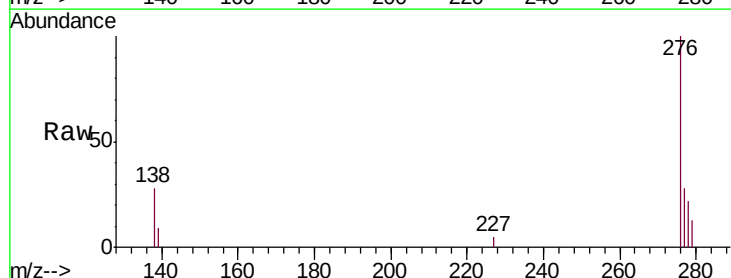
Tgt Ion: 276 Resp: 6718

Ion Ratio Lower Upper

276 100

138 24.2 22.4 33.6

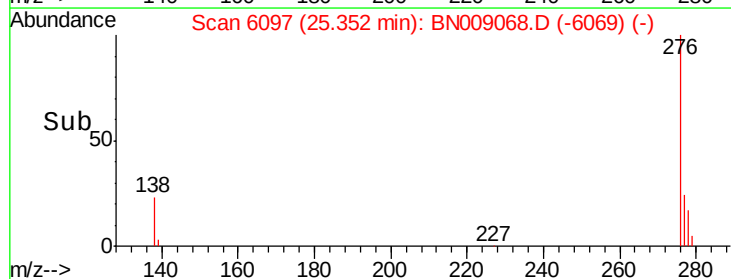
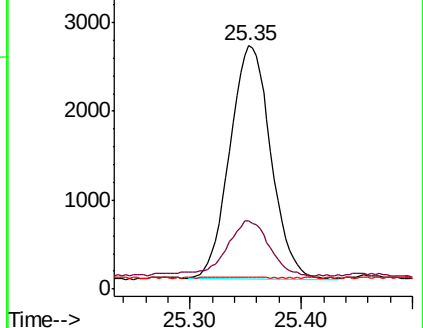
227 0.3 0.2 0.4

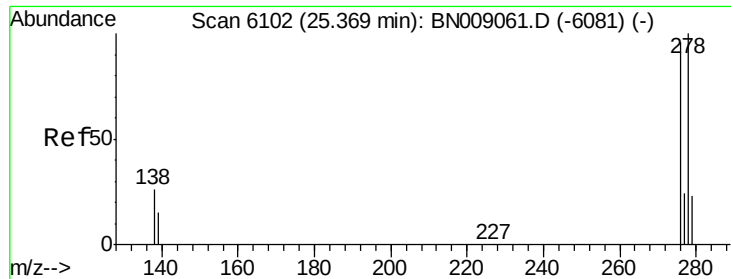


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

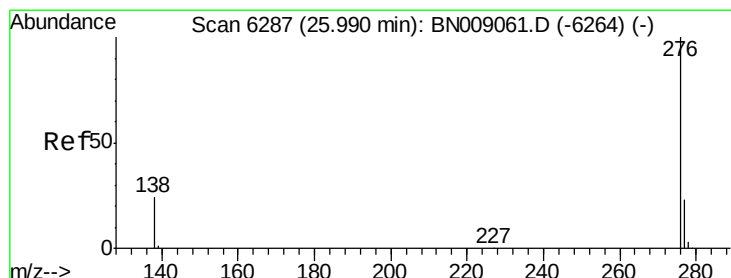
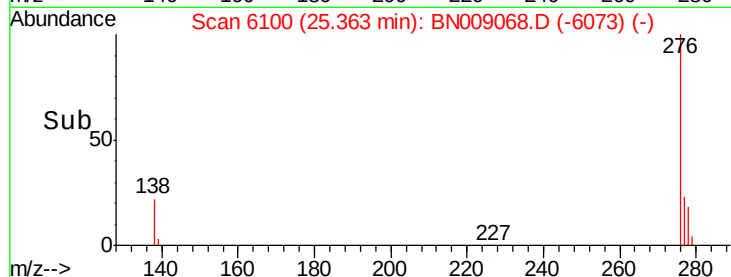
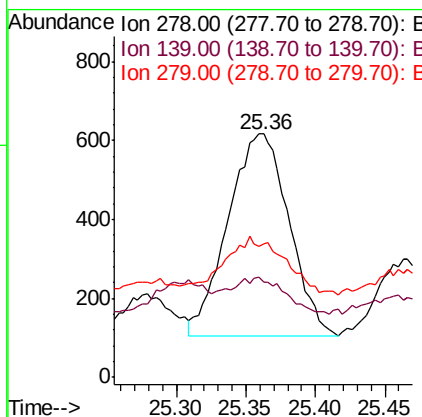
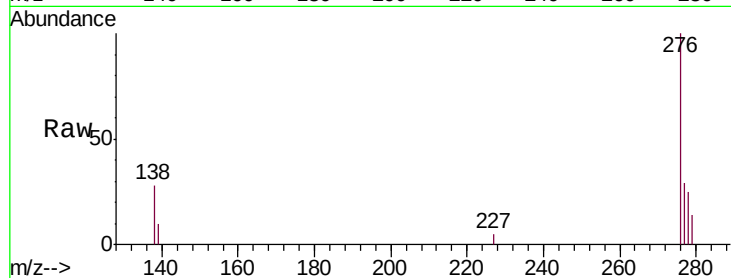




#25
Dibenzo(a,h)anthracene
Concen: 0.055 ng/ul
RT: 25.36 min Scan# 6100
Delta R.T. -0.01 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Instrument :
BNA_N
ClientSampleId :
C0BS0DL

Tgt Ion: 278 Resp: 1556
Ion Ratio Lower Upper
278 100
139 39.1 16.2 24.2#
279 54.6 20.3 30.5#



#26
Benzo(g,h,i)perylene
Concen: 0.224 ng/ul
RT: 25.99 min Scan# 6287
Delta R.T. -0.00 min
Lab File: BN009068.D
Acq: 20 Dec 2019 15:06

Tgt Ion: 276 Resp: 6689
Ion Ratio Lower Upper
276 100
138 28.5 20.6 30.8
277 27.8 19.6 29.4

