

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN041819\
 Data File : BN005152.D
 Acq On : 18 Apr 2019 15:06
 Operator : JU/SJ
 Sample : K2365-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 X2G58

Quant Time: Apr 19 05:15:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN041819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 11:57:47 2019
 Response via : Initial Calibration

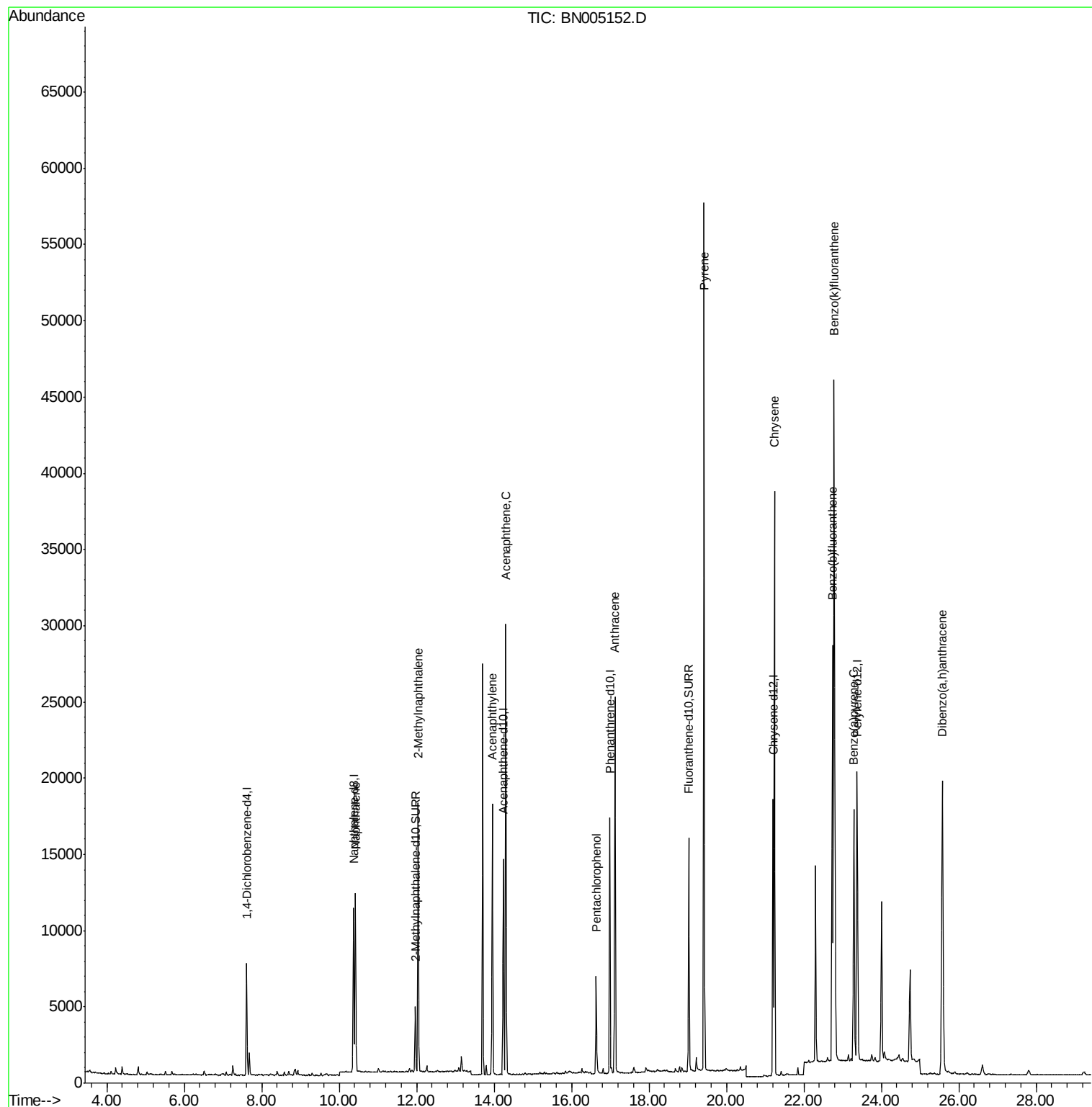
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3471	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13324	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	7729	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	18932	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	15723	0.40	ng/ul	0.00
20) Perylene-d12	23.38	264	14597	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	5663	0.26	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	15890	0.30	ng/ul	0.00
Target Compounds					Qvalue	
3) Naphthalene	10.42	128	15148	0.411	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	12258	0.469	ng/ul	100
7) Acenaphthylene	13.95	152	19544	0.504	ng/ul	99
8) Acenaphthene	14.30	153	16592	0.572	ng/ul	100
11) Pentachlorophenol	16.64	266	4595	1.000	ng/ul	99
13) Anthracene	17.12	178	25379	0.472	ng/ul	100
17) Pyrene	19.42	202	45656	0.674	ng/ul	98
19) Chrysene	21.24	228	32106	0.521	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	33298	0.592	ng/ul	98
22) Benzo(k)fluoranthene	22.78	252	54877	0.993	ng/ul	98
23) Benzo(a)pyrene	23.29	252	22681	0.455	ng/ul	99
25) Dibenzo(a,h)anthracene	25.57	278	27826	0.614	ng/ul	97

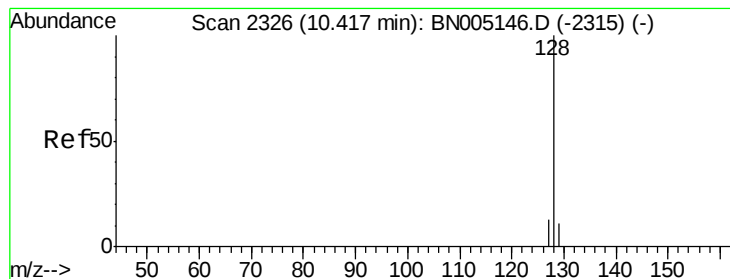
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.411 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BN005152.D

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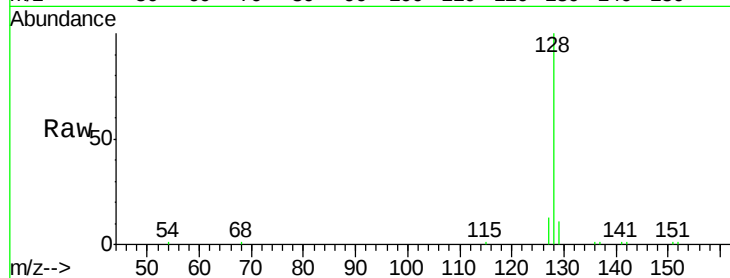
Tgt Ion:128 Resp: 15148

Ion Ratio Lower Upper

128 100

129 11.5 9.5 14.3

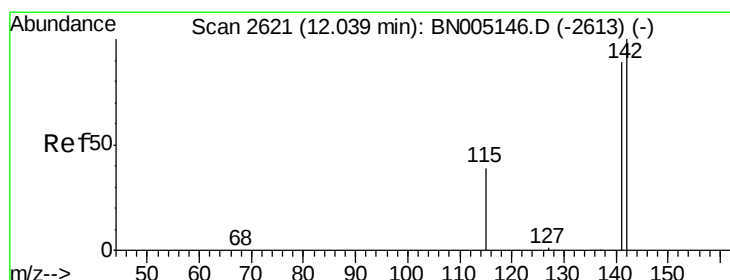
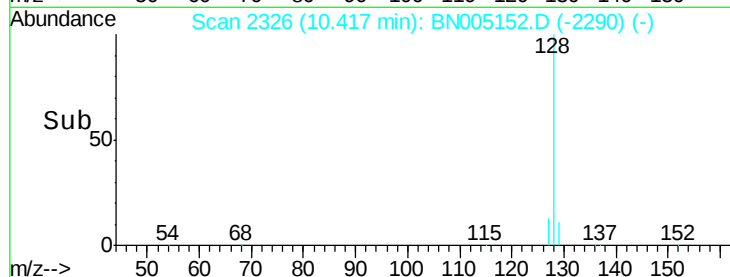
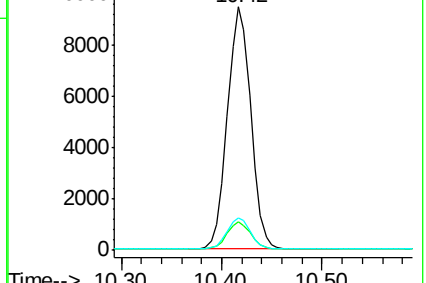
127 13.5 11.2 16.8



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: 0.469 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.00 min

Lab File: BN005152.D

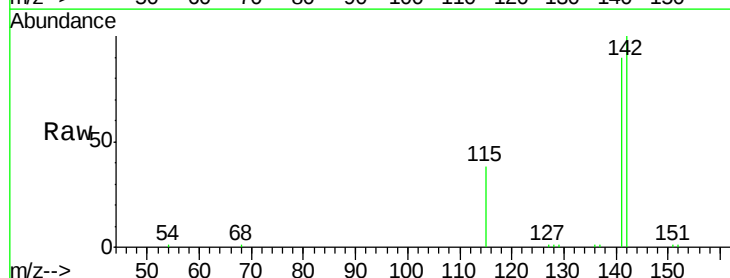
Acq: 18 Apr 2019 15:06

Tgt Ion:142 Resp: 12258

Ion Ratio Lower Upper

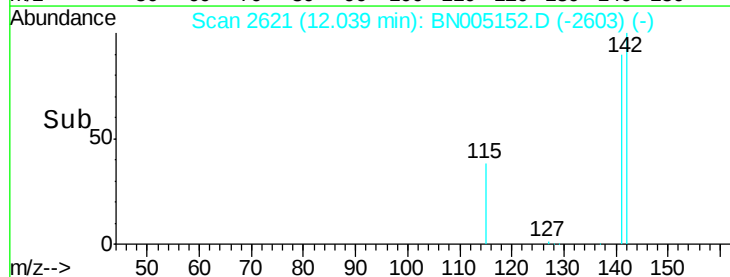
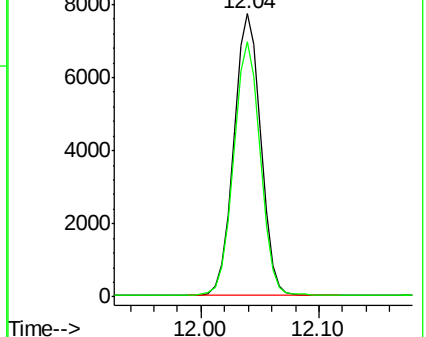
142 100

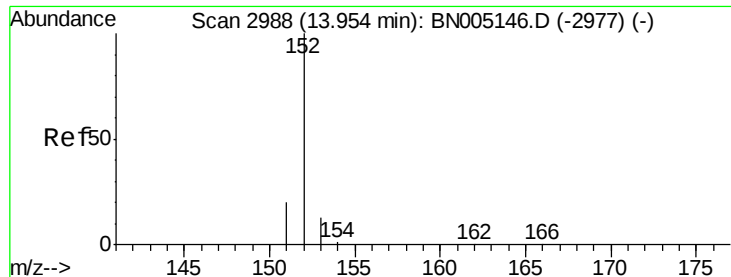
141 88.7 71.0 106.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.504 ng/ul

RT: 13.95 min Scan# 2988

Delta R.T. -0.00 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

Instrument :

BNA_N

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X2G58

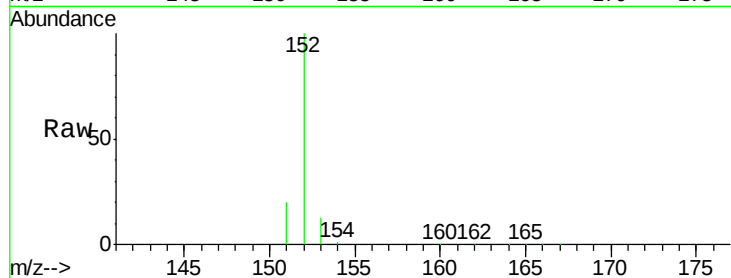
Tgt Ion:152 Resp: 19544

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

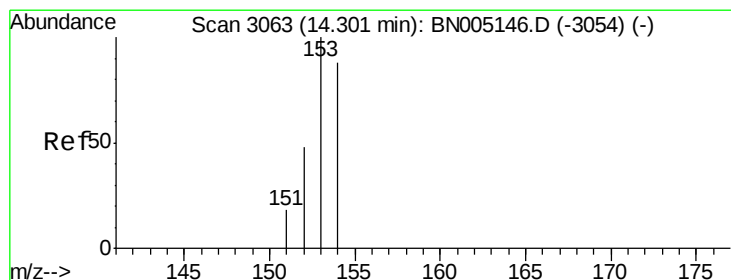
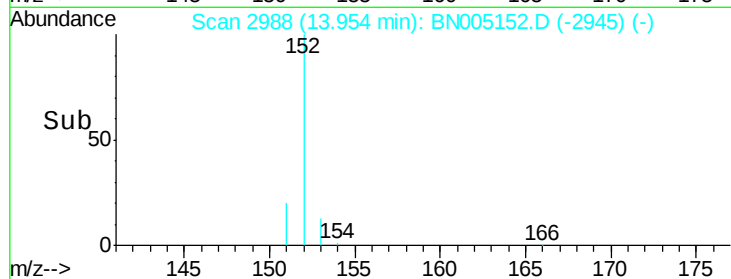
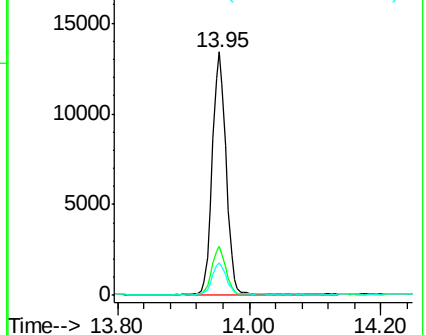
153 13.2 11.0 16.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 0.572 ng/ul

RT: 14.30 min Scan# 3063

Delta R.T. -0.00 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

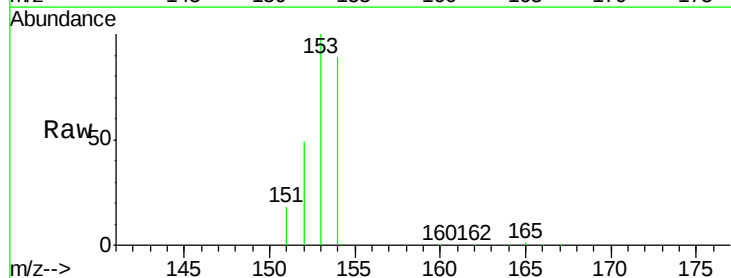
Tgt Ion:153 Resp: 16592

Ion Ratio Lower Upper

153 100

152 48.7 38.9 58.3

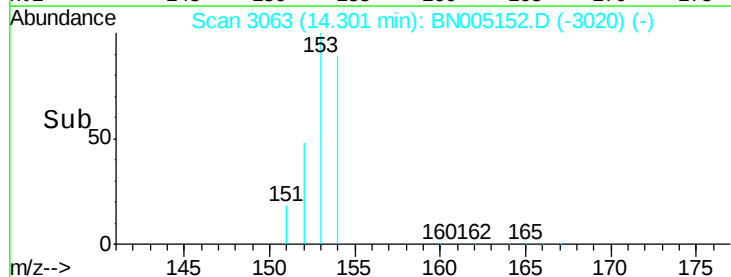
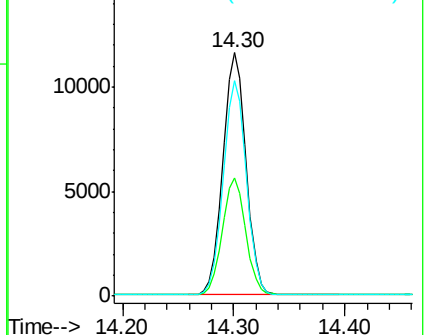
154 88.6 70.7 106.1

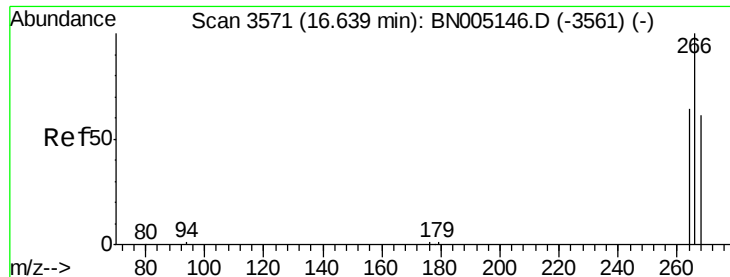


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

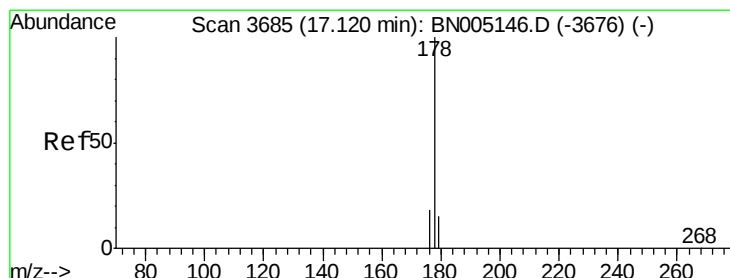
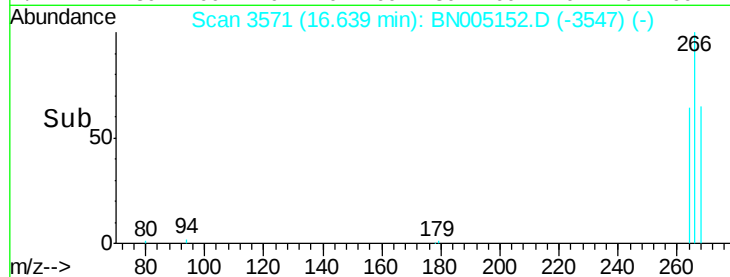
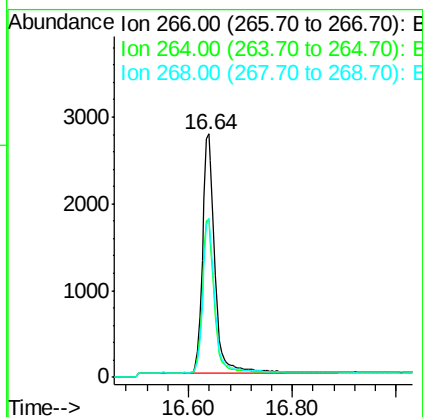
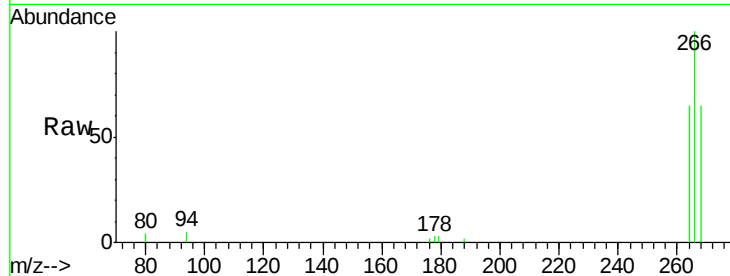




#11
 Pentachlorophenol
 Concen: 1.000 ng/ul
 RT: 16.64 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: BN005152.D
 Acq: 18 Apr 2019 15:06

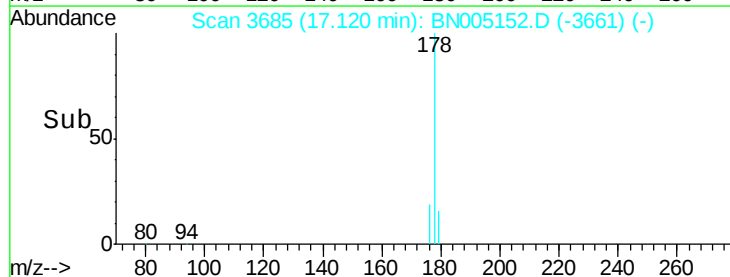
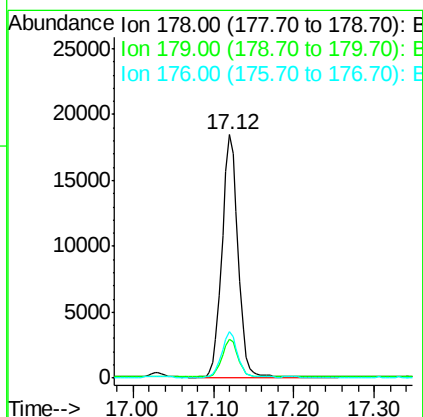
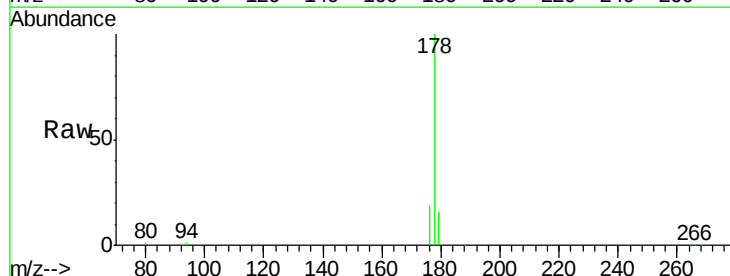
Instrument :
 BNA_N
 ClientSampleId :
 X2G58

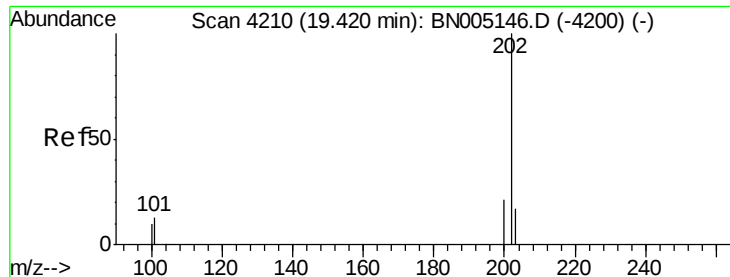
Tgt Ion	Ratio	Lower	Upper
266	100		
264	62.6	49.6	74.4
268	62.3	49.5	74.3



#13
 Anthracene
 Concen: 0.472 ng/ul
 RT: 17.12 min Scan# 3685
 Delta R.T. -0.00 min
 Lab File: BN005152.D
 Acq: 18 Apr 2019 15:06

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.5	18.7
176	18.9	15.1	22.7

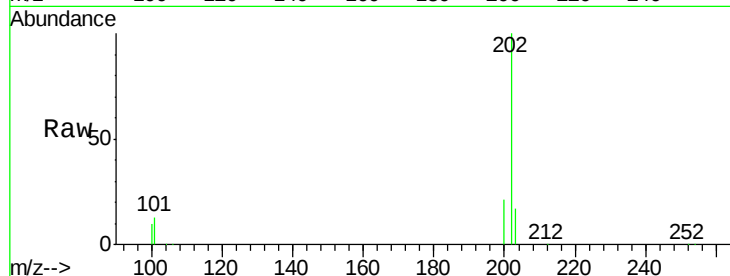




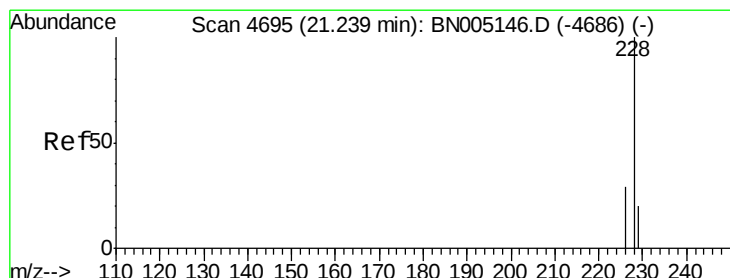
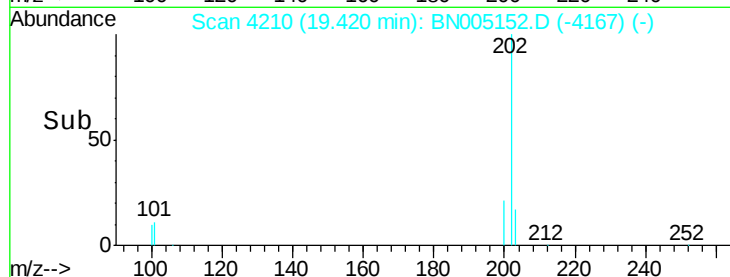
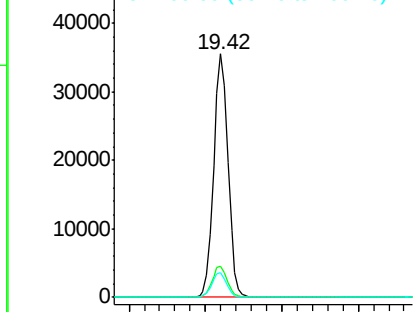
#17
 Pyrene
 Concen: 0.674 ng/ul
 RT: 19.42 min Scan# 4210
 Delta R.T. -0.00 min
 Lab File: BN005152.D
 Acq: 18 Apr 2019 15:06

Instrument :
 BNA_N
 ClientSampleId :
 X2G58

Tgt Ion:202 Resp: 45656
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.9 16.3
 100 10.2 8.6 13.0

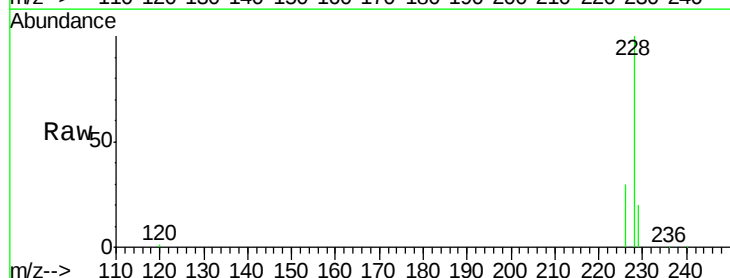


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

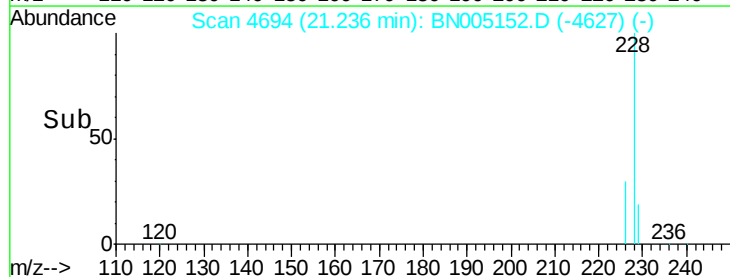
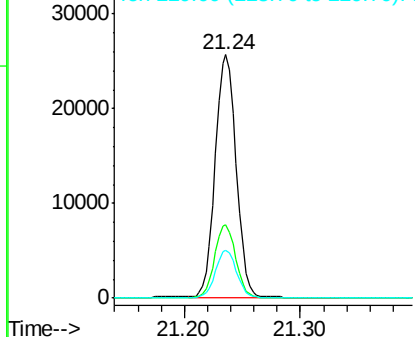


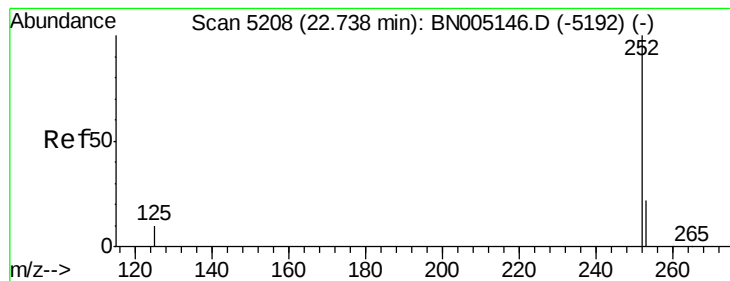
#19
 Chrysene
 Concen: 0.521 ng/ul
 RT: 21.24 min Scan# 4694
 Delta R.T. -0.00 min
 Lab File: BN005152.D
 Acq: 18 Apr 2019 15:06

Tgt Ion:228 Resp: 32106
 Ion Ratio Lower Upper
 228 100
 226 29.9 23.5 35.3
 229 19.6 16.0 24.0



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: 0.592 ng/u1

RT: 22.74 min Scan# 5207

Delta R.T. -0.00 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

Instrument :

BNA_N

ClientSampleId :

X2G58

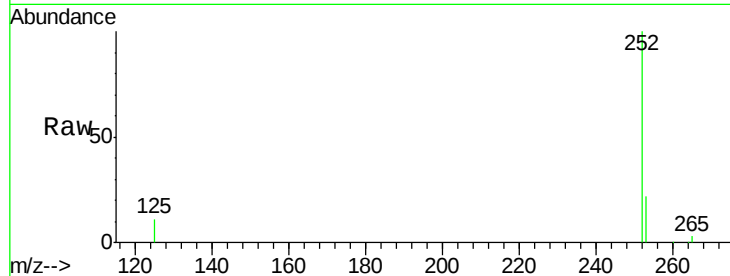
Tgt Ion:252 Resp: 33298

Ion Ratio Lower Upper

252 100

253 22.1 0.0 47.0

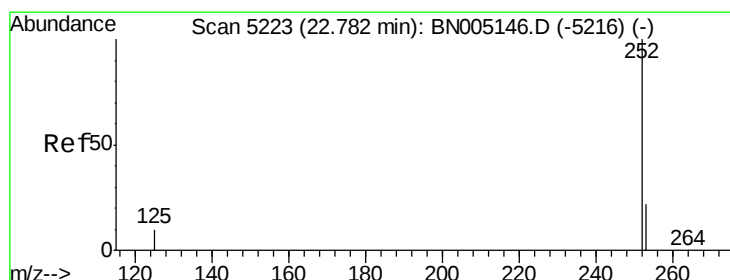
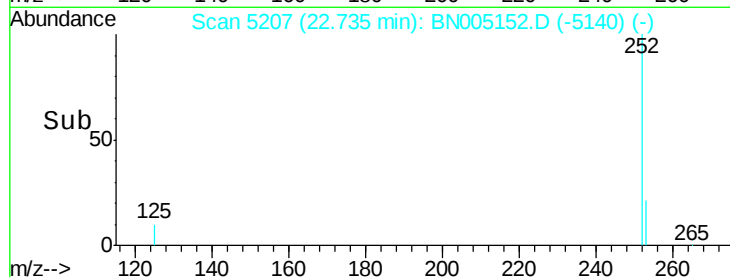
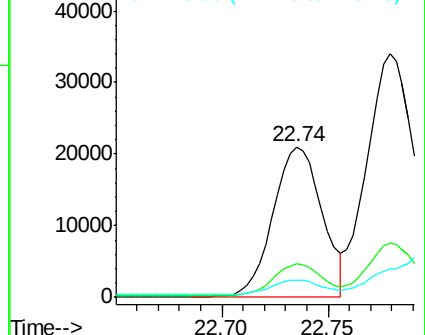
125 11.5 0.0 23.4



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: 0.993 ng/u1

RT: 22.78 min Scan# 5222

Delta R.T. -0.00 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

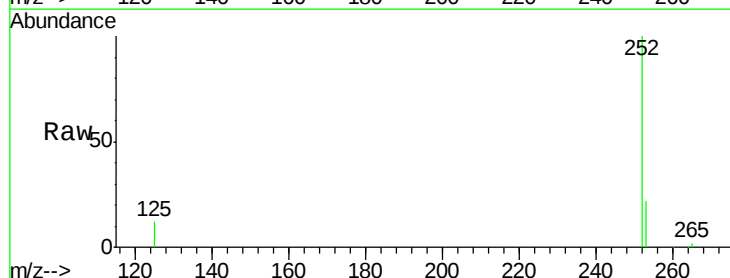
Tgt Ion:252 Resp: 54877

Ion Ratio Lower Upper

252 100

253 22.1 18.8 28.2

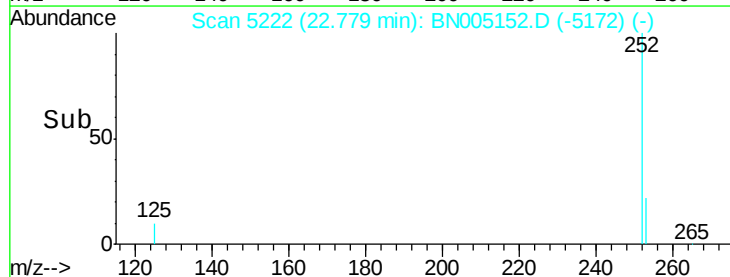
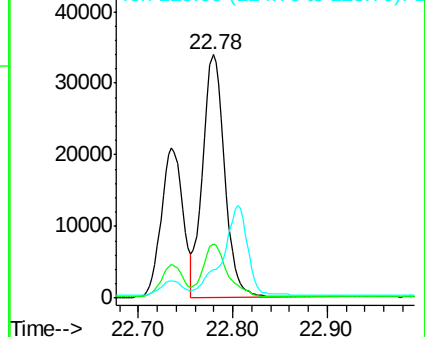
125 11.5 9.4 14.2

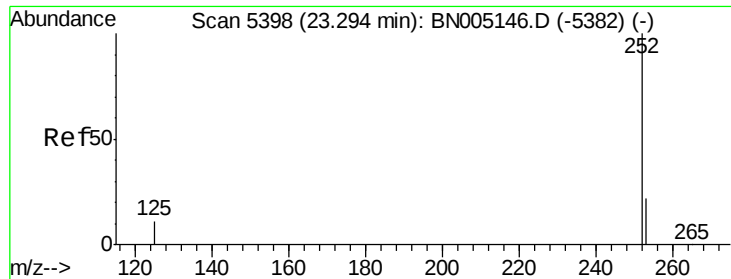


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.455 ng/u1

RT: 23.29 min Scan# 5397

Delta R.T. -0.00 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

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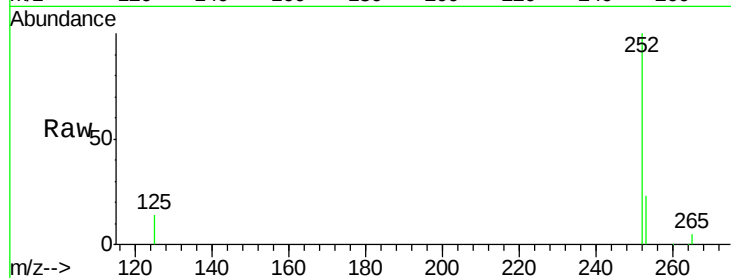
Tgt Ion:252 Resp: 22681

Ion Ratio Lower Upper

252 100

253 23.4 19.4 29.2

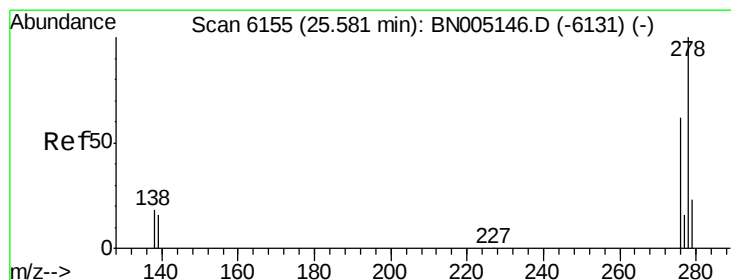
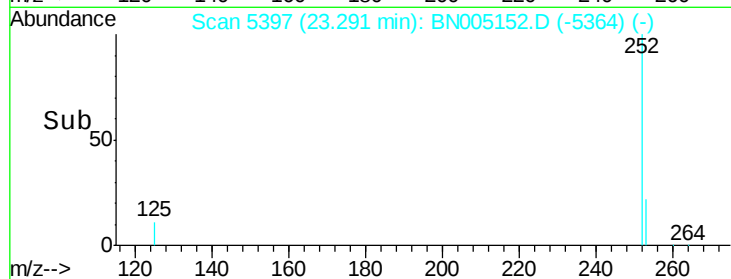
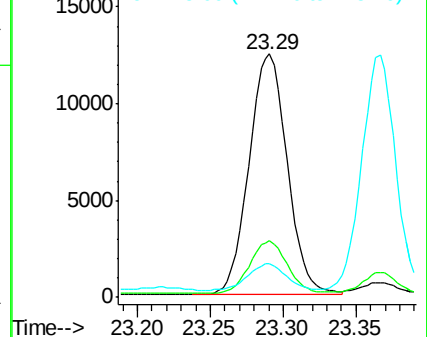
125 13.7 10.8 16.2



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



#25

Dibenzo(a,h)anthracene

Concen: 0.614 ng/u1

RT: 25.57 min Scan# 6153

Delta R.T. -0.01 min

Lab File: BN005152.D

Acq: 18 Apr 2019 15:06

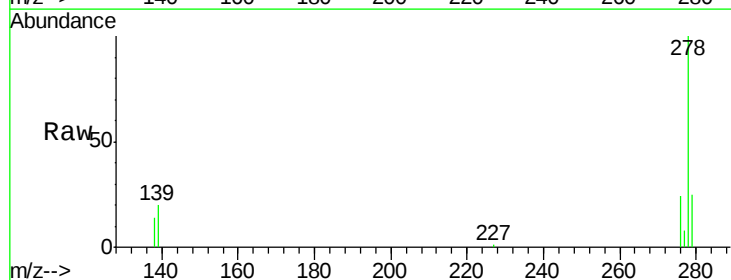
Tgt Ion:278 Resp: 27826

Ion Ratio Lower Upper

278 100

139 20.1 14.0 21.0

279 24.6 20.1 30.1



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

