

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110619\
 Data File : BN008466.D
 Acq On : 06 Nov 2019 14:48
 Operator : JU
 Sample : K5656-11
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 12:25:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 07 12:16:36 2019
 Response via : Initial Calibration

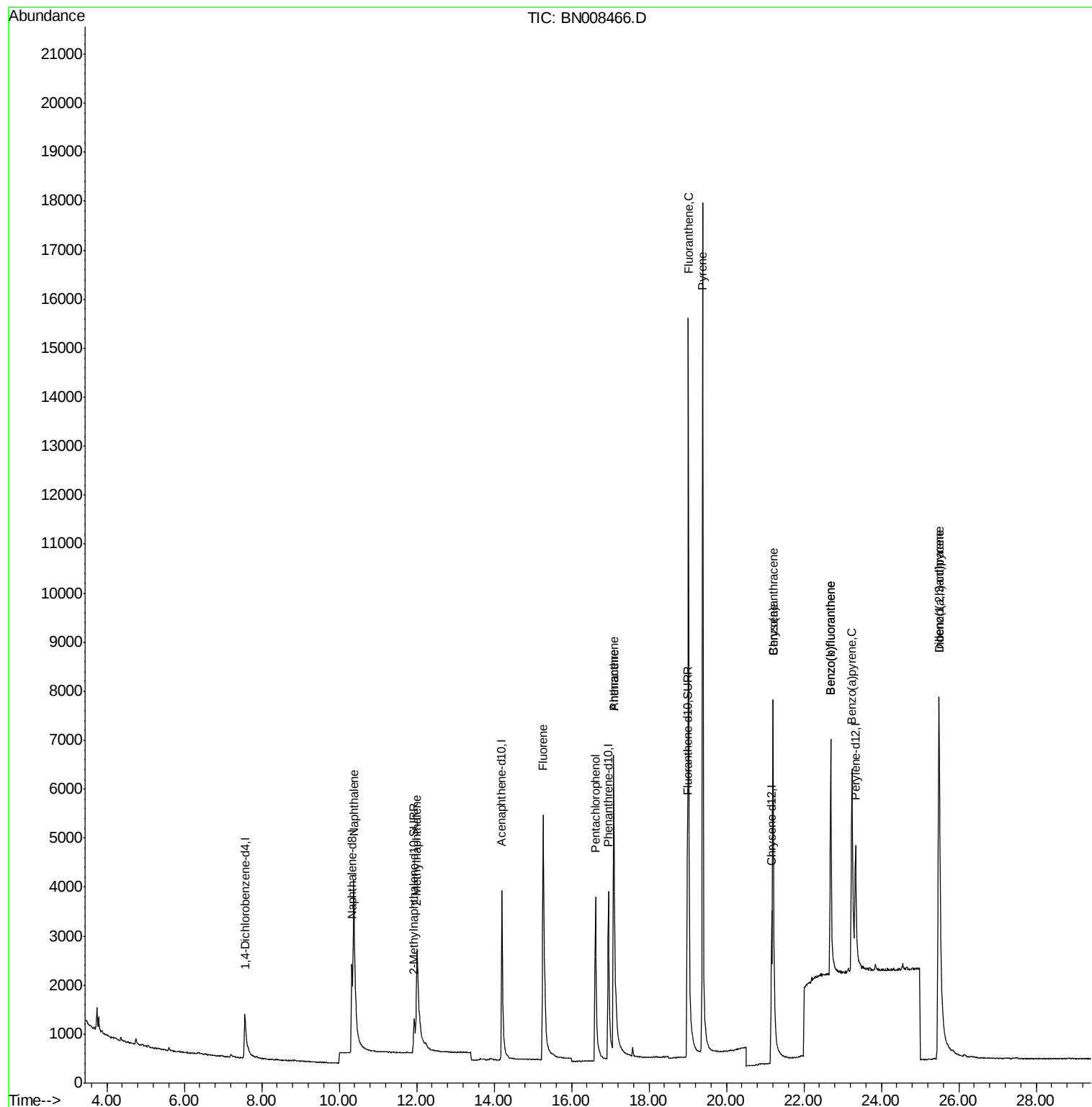
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1168	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	5031	0.40	ng/ul	0.01
6) Acenaphthene-d10	14.20	164	3273	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	6103	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	4484	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	3543	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	2223	0.28	ng/ul	0.02
14) Fluoranthene-d10	18.99	212	6574	0.36	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.38	128	8958	0.626	ng/ul	100
5) 2-Methylnaphthalene	12.01	142	3655	0.383	ng/ul	98
9) Fluorene	15.26	166	7054	0.522	ng/ul	98
11) Pentachlorophenol	16.61	266	3764	2.833	ng/ul	99
12) Phenanthrene	17.09	178	12682	0.684	ng/ul	99
13) Anthracene	17.09	178	13674	0.841	ng/ul	99
15) Fluoranthene	19.02	202	15989	0.752	ng/ul	98
17) Pyrene	19.38	202	19013	0.868	ng/ul	99
18) Benzo(a)anthracene	21.20	228	9959	0.638	ng/ul	97
19) Chrysene	21.20	228	10098	0.508	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	8333	0.631	ng/ul	90
22) Benzo(k)fluoranthene	22.69	252	8298	0.553	ng/ul	99
23) Benzo(a)pyrene	23.24	252	9265	0.697	ng/ul#	75
24) Indeno(1,2,3-cd)pyrene	25.49	276	4251	0.281	ng/ul#	45
25) Dibenzo(a,h)anthracene	25.49	278	17682	1.476	ng/ul	91

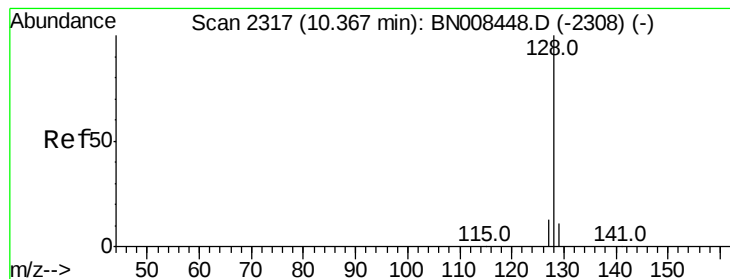
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 07 12:25:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 07 12:16:36 2019
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#3

Naphthalene

Concen: 0.626 ng/ul

RT: 10.38 min Scan# 2319

Delta R.T. 0.01 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

Instrument :

BNA_N

ClientSampleId :

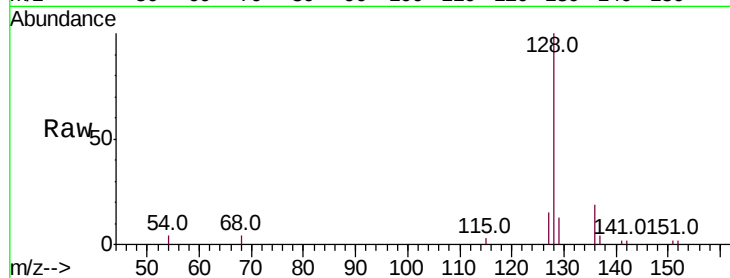
Tot Ion:128 Resp: 8958

Ion Ratio Lower Upper

128 100

129 12.6 10.0 15.0

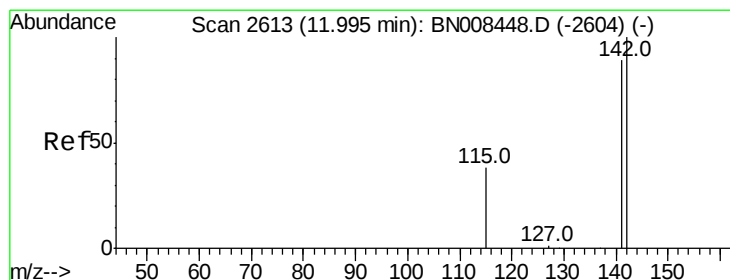
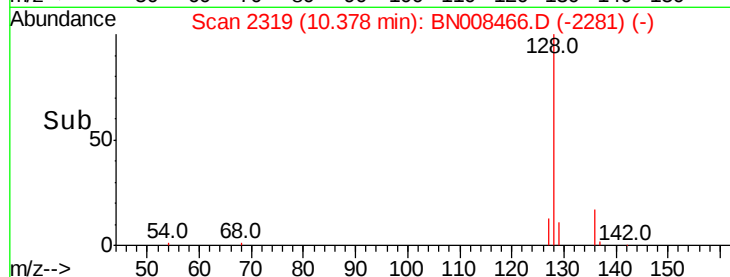
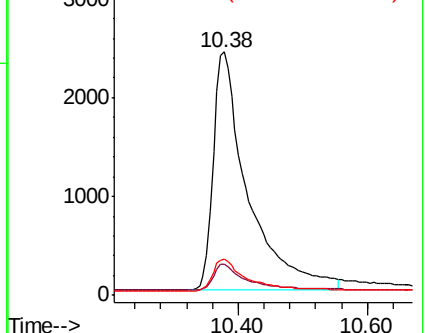
127 14.7 11.6 17.4



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: 0.383 ng/ul

RT: 12.01 min Scan# 2616

Delta R.T. 0.02 min

Lab File: BN008466.D

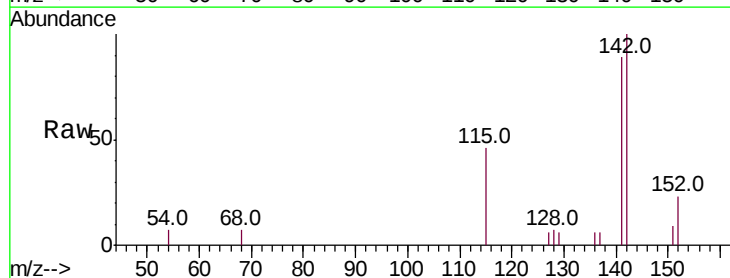
Acq: 06 Nov 2019 14:48

Tgt Ion:142 Resp: 3655

Ion Ratio Lower Upper

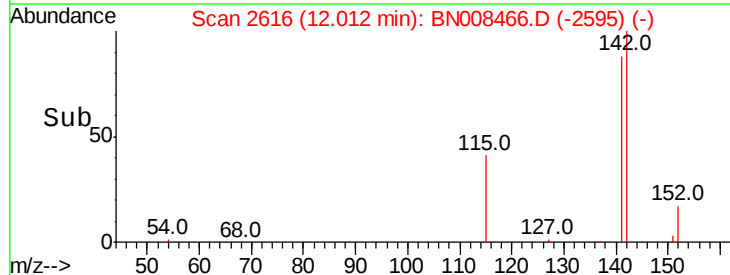
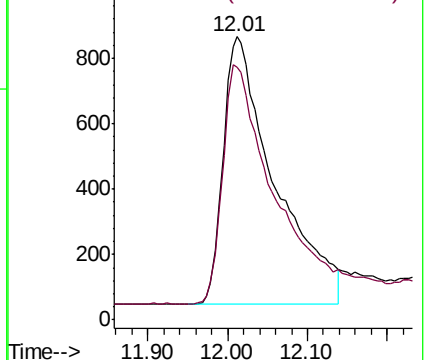
142 100

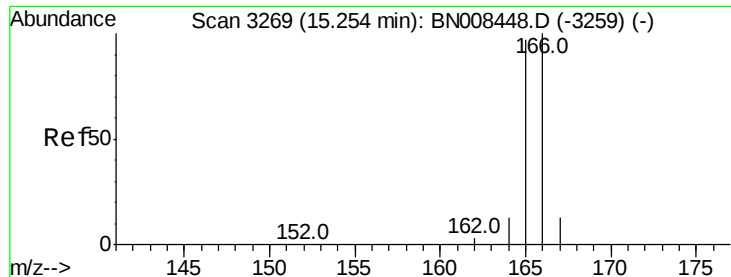
141 88.7 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

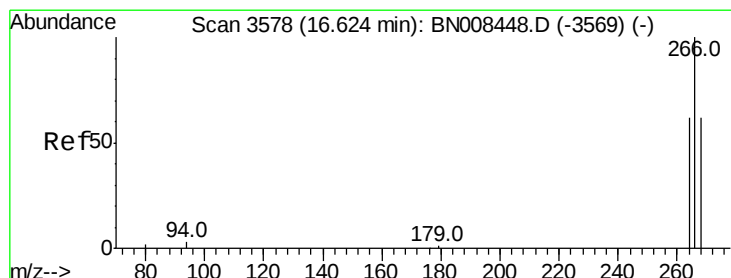
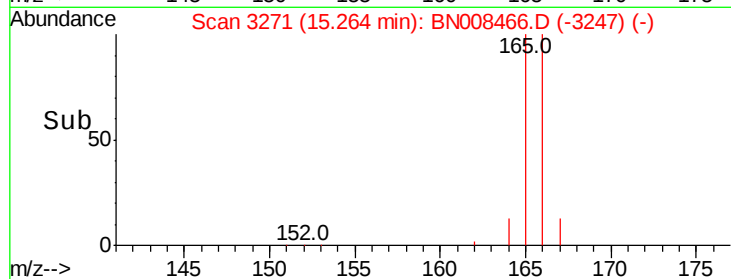
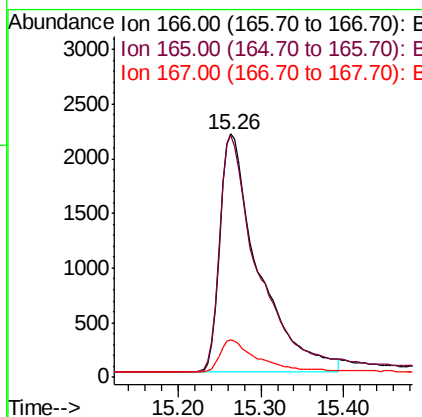
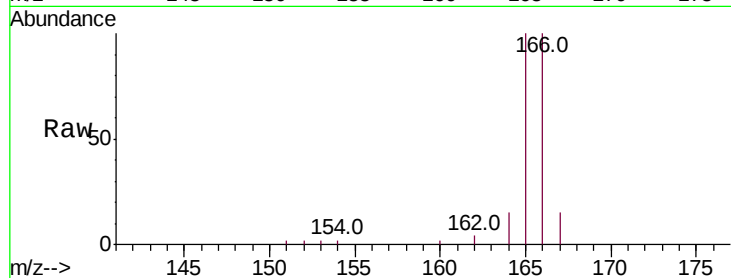




#9
Fluorene
 Concen: 0.522 ng/ul
 RT: 15.26 min Scan# 3271
 Delta R.T. 0.01 min
 Lab File: BN008466.D
 Acq: 06 Nov 2019 14:48

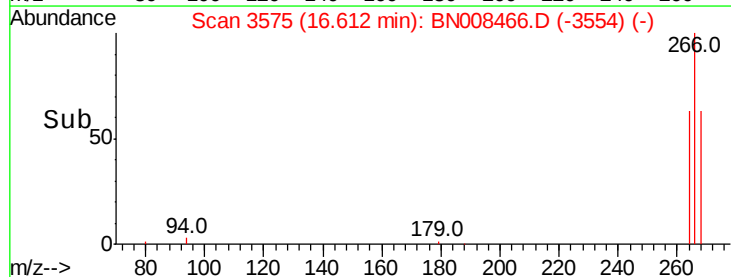
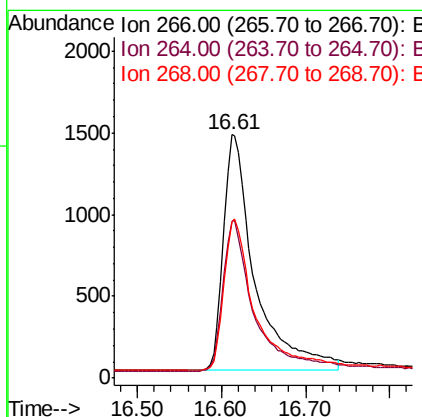
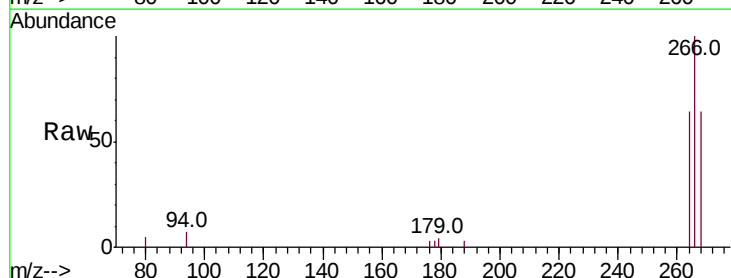
Instrument :
 BNA_N
 ClientSampleId :

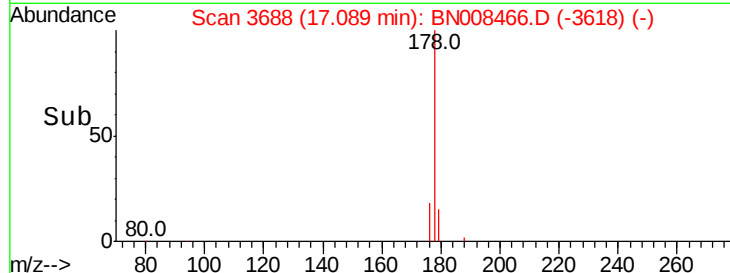
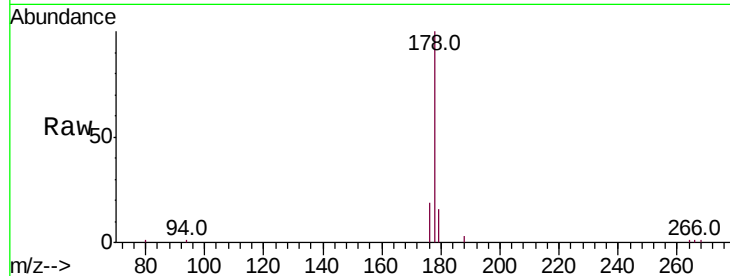
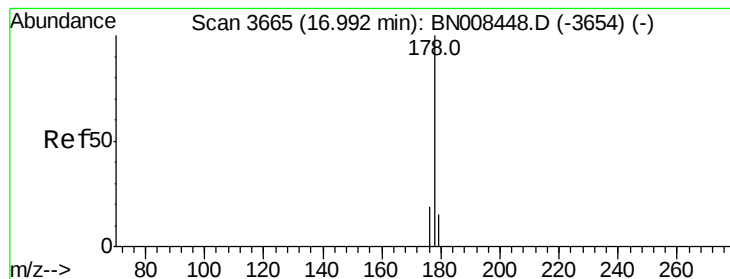
Tot Ion:166 Resp: 7054
 Ion Ratio Lower Upper
 166 100
 165 99.7 78.2 117.2
 167 15.3 12.1 18.1



#11
Pentachlorophenol
 Concen: 2.833 ng/ul
 RT: 16.61 min Scan# 3575
 Delta R.T. -0.01 min
 Lab File: BN008466.D
 Acq: 06 Nov 2019 14:48

Tgt Ion:266 Resp: 3764
 Ion Ratio Lower Upper
 266 100
 264 63.3 49.8 74.8
 268 63.7 51.0 76.6





#12

Phenanthrene

Concen: 0.684 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.10 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

Instrument :

BNA_N

ClientSampleId :

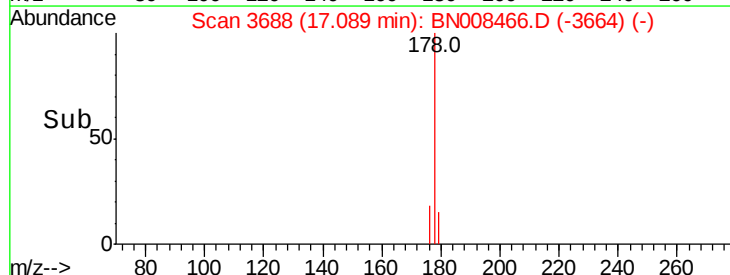
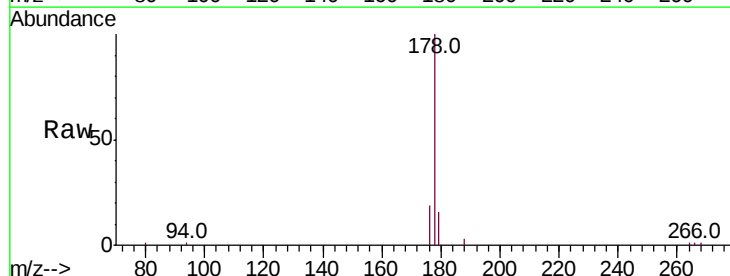
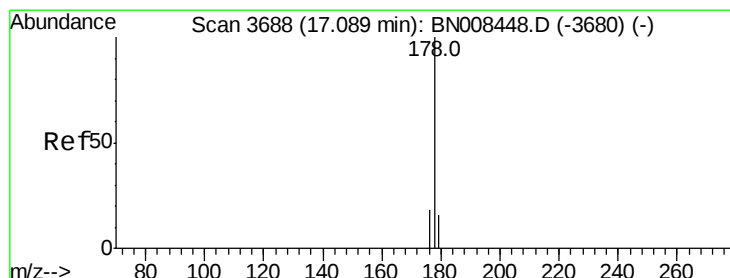
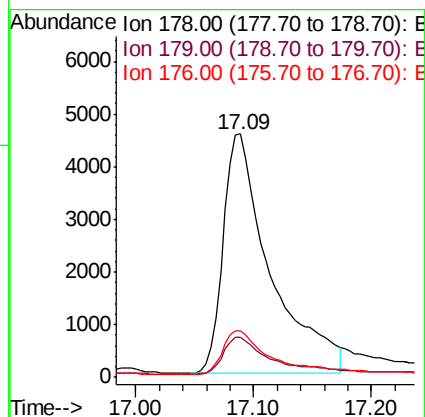
Tot Ion:178 Resp: 12682

Ion Ratio Lower Upper

178 100

179 16.4 13.2 19.8

176 19.2 15.6 23.4



#13

Anthracene

Concen: 0.841 ng/ul

RT: 17.09 min Scan# 3688

Delta R.T. 0.00 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

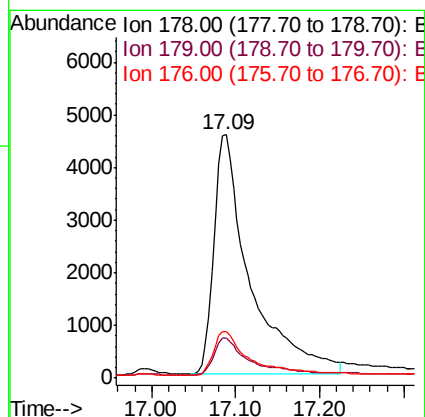
Tgt Ion:178 Resp: 13674

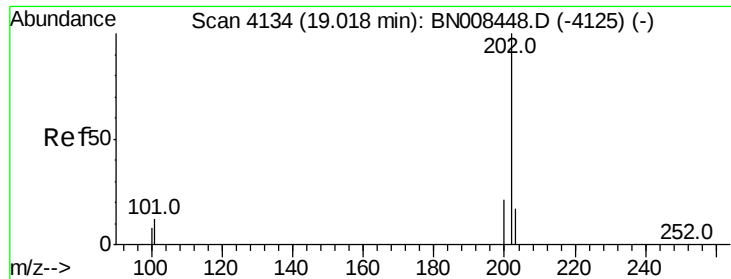
Ion Ratio Lower Upper

178 100

179 16.4 13.7 20.5

176 19.2 15.7 23.5

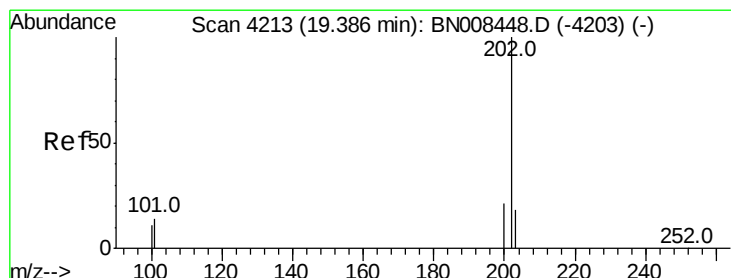
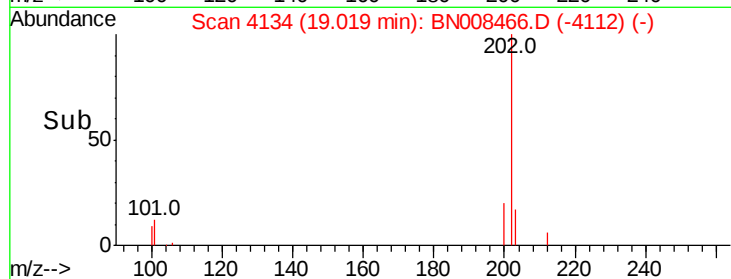
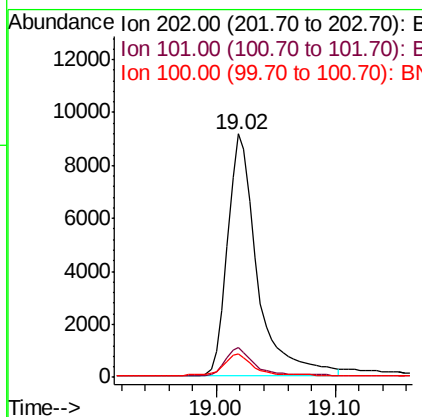
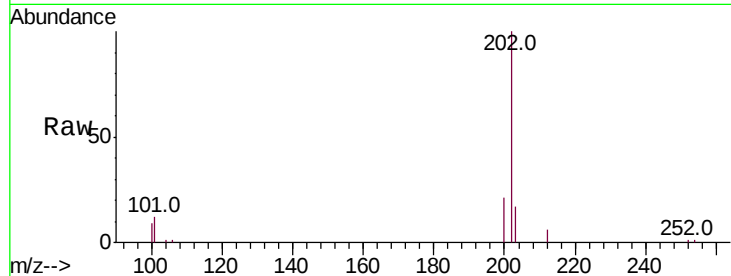




#15
Fluoranthene
Concen: 0.752 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

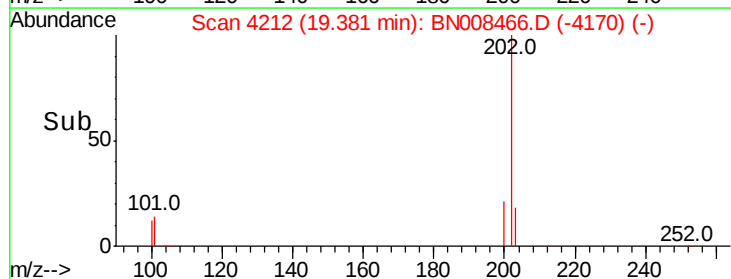
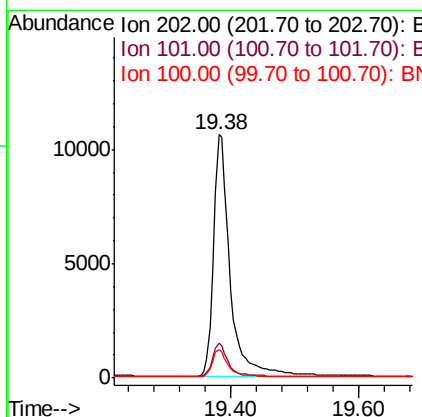
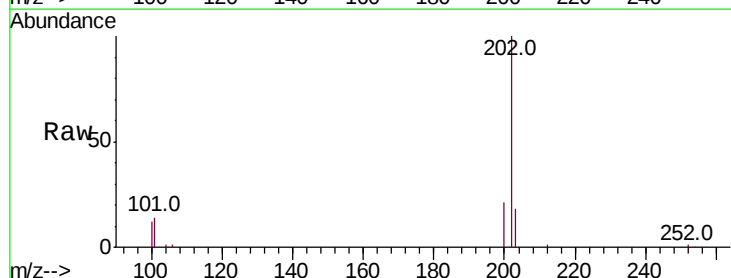
Instrument :
BNA_N
ClientSampleId :

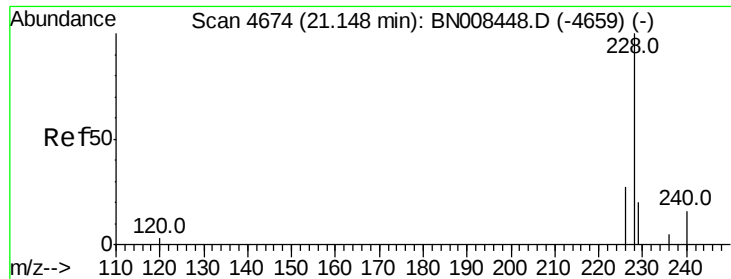
Tot Ion:202 Resp: 15989
Ion Ratio Lower Upper
202 100
101 12.2 0.0 33.0
100 9.4 0.0 30.2



#17
Pyrene
Concen: 0.868 ng/ul
RT: 19.38 min Scan# 4212
Delta R.T. -0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:202 Resp: 19013
Ion Ratio Lower Upper
202 100
101 14.3 11.6 17.4
100 12.0 9.4 14.0





#18

Benzo(a)anthracene

Concen: 0.638 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. 0.05 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

Instrument :

BNA_N

ClientSampleId :

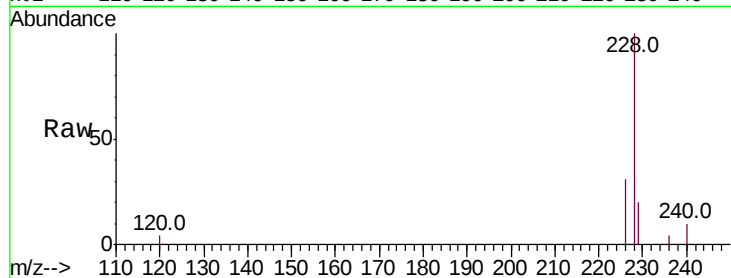
Tot Ion:228 Resp: 9959

Ion Ratio Lower Upper

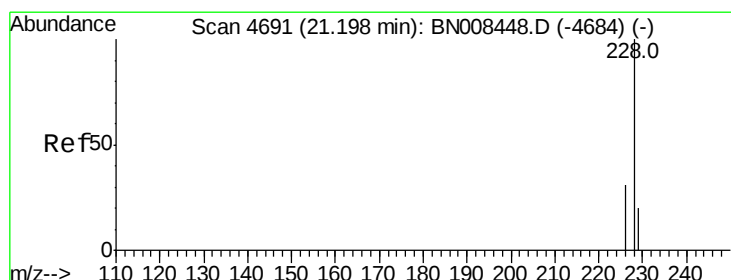
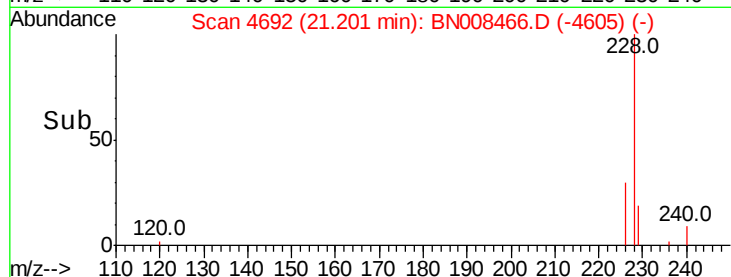
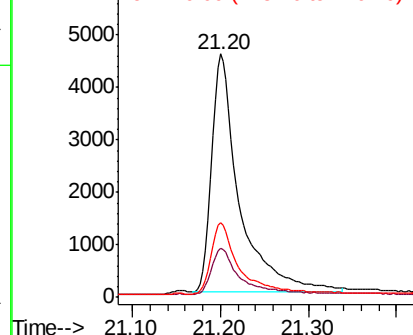
228 100

229 20.3 16.6 24.8

226 30.6 22.8 34.2



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: 0.508 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. 0.00 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

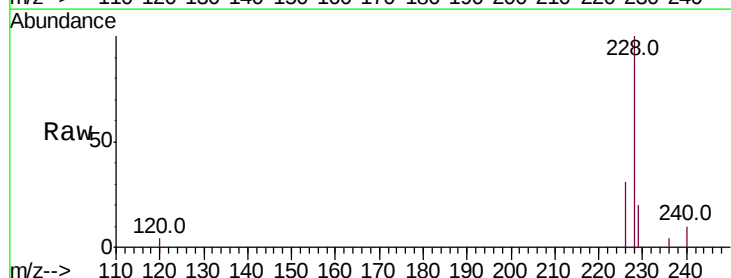
Tgt Ion:228 Resp: 10098

Ion Ratio Lower Upper

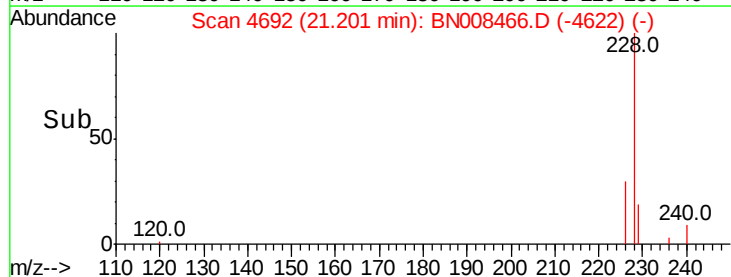
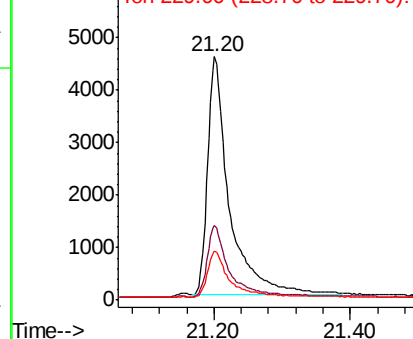
228 100

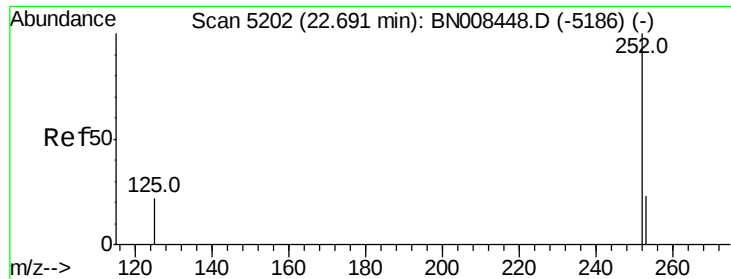
226 30.6 24.9 37.3

229 20.3 16.6 25.0



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

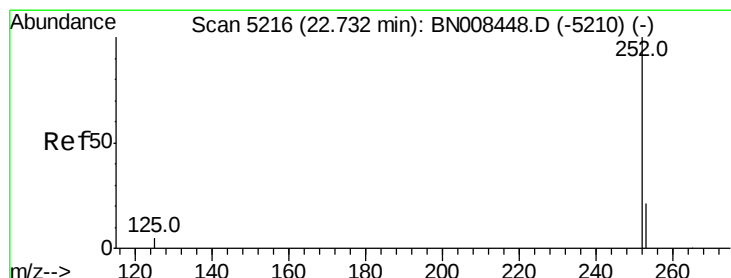
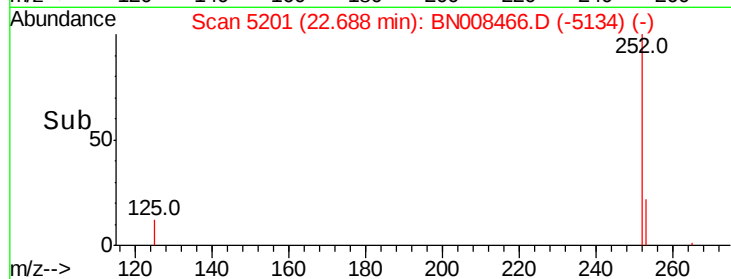
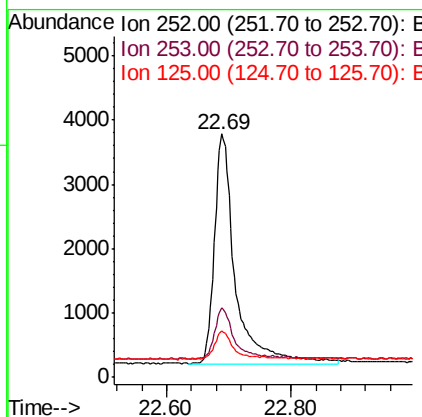
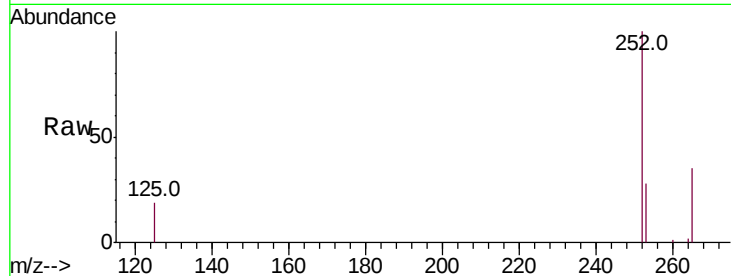




#21
Benzo(b)fluoranthene
Concen: 0.631 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.00 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

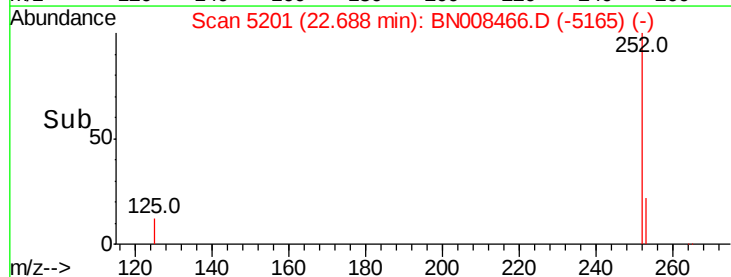
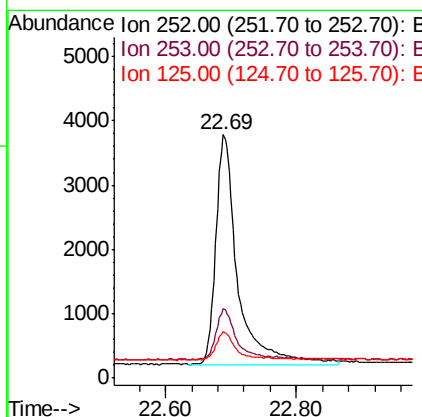
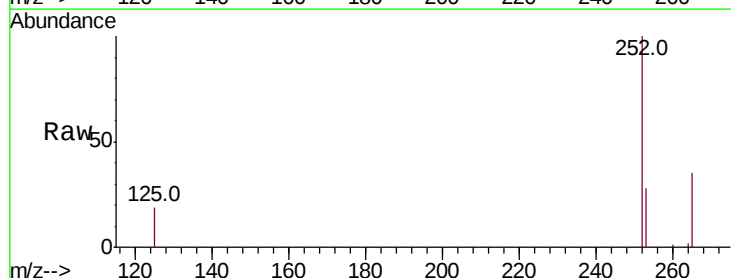
Instrument :
BNA_N
ClientSampleId :

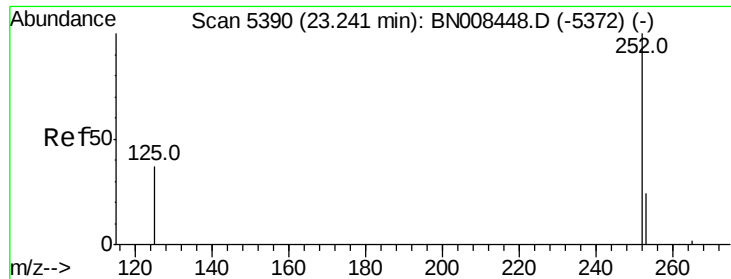
Tot Ion:252 Resp: 8333
Ion Ratio Lower Upper
252 100
253 28.4 0.0 58.4
125 19.0 0.0 58.6



#22
Benzo(k)fluoranthene
Concen: 0.553 ng/ul
RT: 22.69 min Scan# 5201
Delta R.T. -0.04 min
Lab File: BN008466.D
Acq: 06 Nov 2019 14:48

Tgt Ion:252 Resp: 8298
Ion Ratio Lower Upper
252 100
253 28.4 22.6 34.0
125 19.0 14.7 22.1





#23

Benzo(a)pyrene

Concen: 0.697 ng/ul

RT: 23.24 min Scan# 5389

Delta R.T. -0.00 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

Instrument :

BNA_N

ClientSampleId :

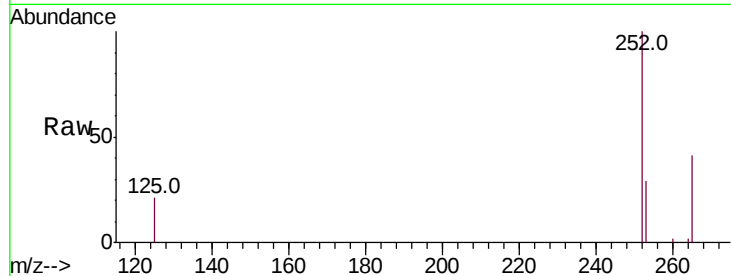
Tot Ion:252 Resp: 9265

Ion Ratio Lower Upper

252 100

253 29.4 27.2 40.8

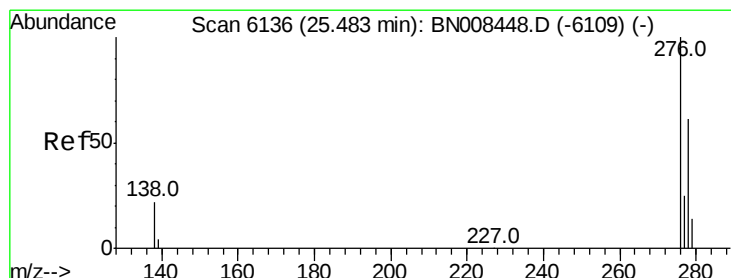
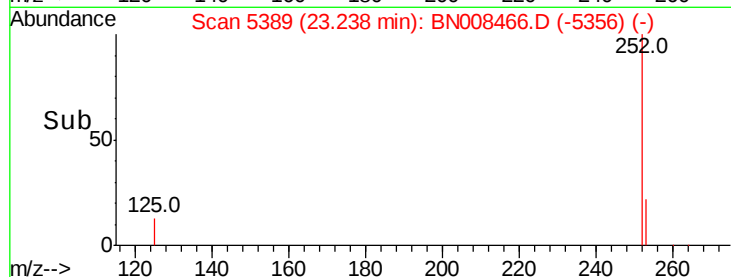
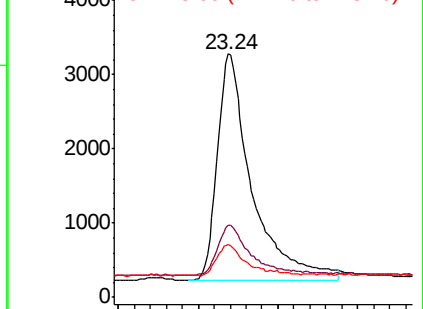
125 21.5 37.0 55.6#



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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.281 ng/ul

RT: 25.49 min Scan# 6138

Delta R.T. 0.01 min

Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

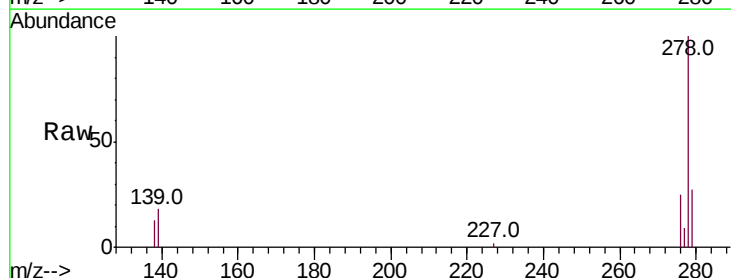
Tgt Ion:276 Resp: 4251

Ion Ratio Lower Upper

276 100

138 49.3 18.3 27.5#

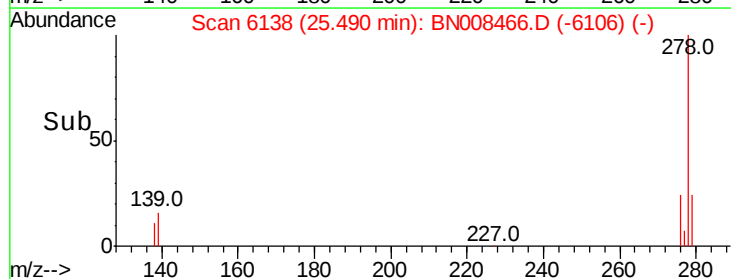
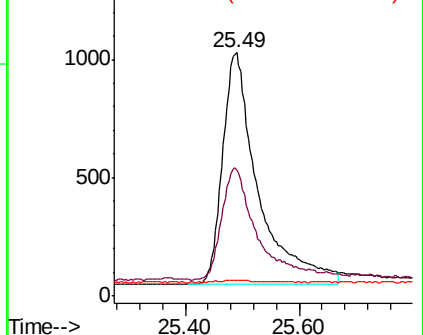
227 0.6 0.0 0.0#

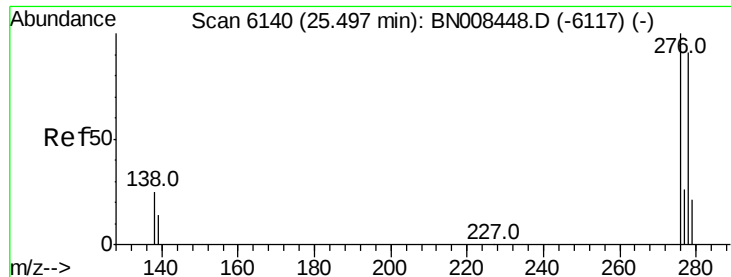


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.476 ng/ul

RT: 25.49 min Scan# 6137

Delta R.T. -0.01 min

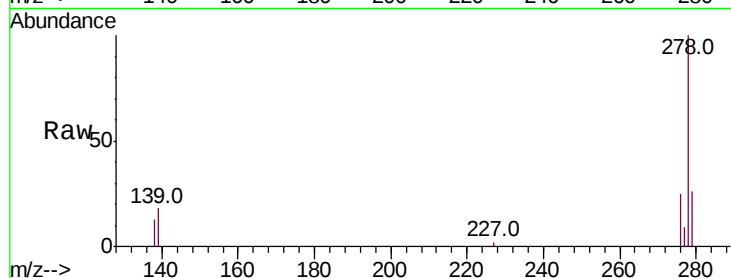
Lab File: BN008466.D

Acq: 06 Nov 2019 14:48

Instrument :

BNA_N

ClientSampleId :



Tot Ion:278 Resp: 17682

Ion Ratio Lower Upper

278 100

139 17.9 17.6 26.4

279 26.5 25.1 37.7

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

