

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110519\
 Data File : BN008446.D
 Acq On : 05 Nov 2019 14:19
 Operator : JU
 Sample : SSTD1.606
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Nov 07 10:51:00 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 10:46:19 2019
 Response via : Initial Calibration

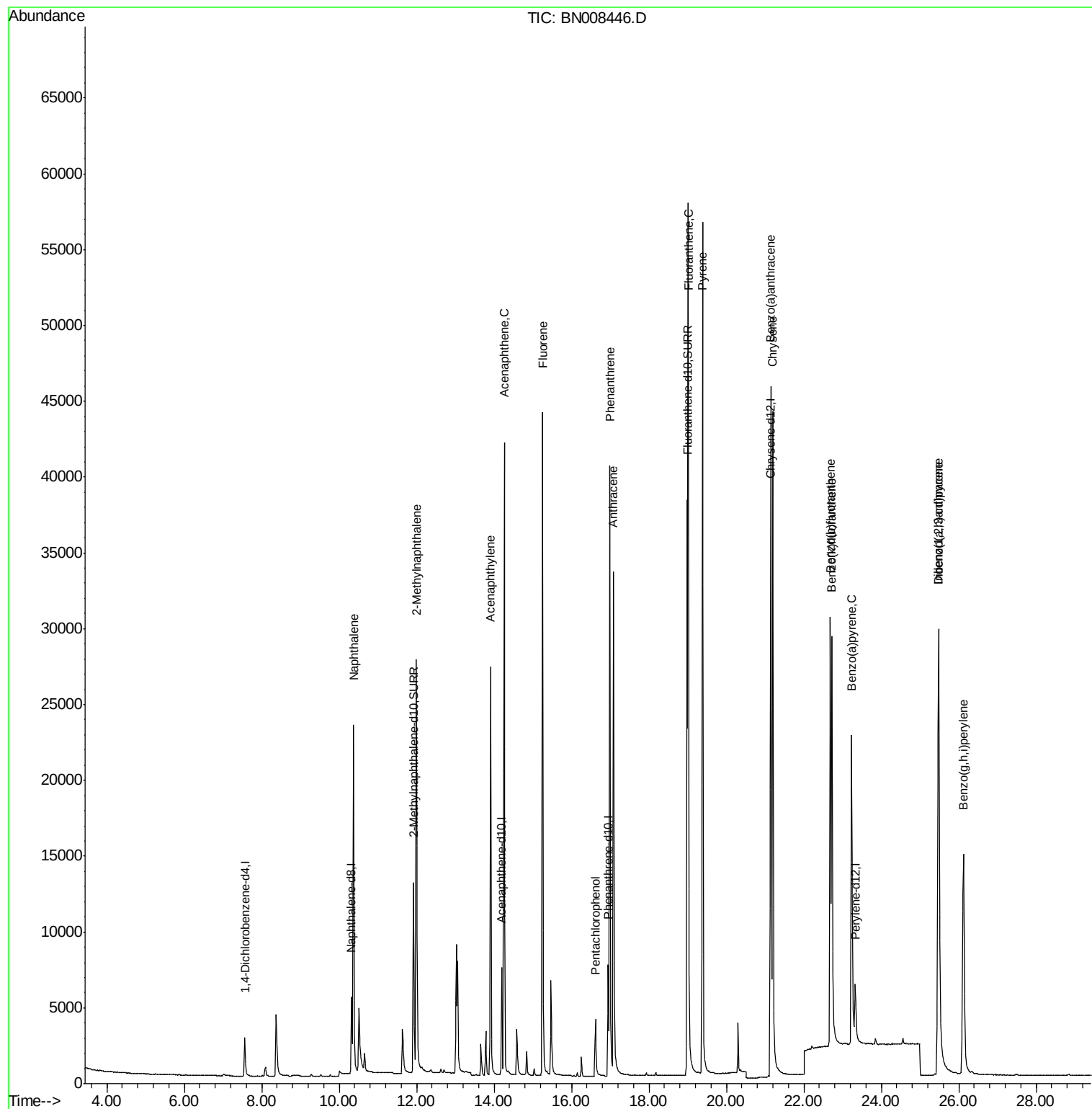
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	1659	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	7288	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	4062	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.95	188	9020	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	6955	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	5586	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.92	152	19050	1.55	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	44026	1.41	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.37	128	32863	1.584	ng/ul	97
5) 2-Methylnaphthalene	12.00	142	22781	1.601	ng/ul	98
7) Acenaphthylene	13.91	152	32388	1.674	ng/ul	97
8) Acenaphthene	14.26	153	25279	1.680	ng/ul	99
9) Fluorene	15.25	166	28674	1.678	ng/ul	98
11) Pentachlorophenol	16.62	266	3408	1.562	ng/ul	100
12) Phenanthrene	16.99	178	44499	1.685	ng/ul	99
13) Anthracene	17.08	178	41633	1.791	ng/ul	97
15) Fluoranthene	19.01	202	51971	1.490	ng/ul	98
17) Pyrene	19.38	202	52013	1.878	ng/ul	98
18) Benzo(a)anthracene	21.14	228	41290	1.633	ng/ul	97
19) Chrysene	21.19	228	46832	1.509	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	35310	1.942	ng/ul	78
22) Benzo(k)fluoranthene	22.72	252	39306	1.908	ng/ul#	88
23) Benzo(a)pyrene	23.23	252	33822	1.767	ng/ul#	65
24) Indeno(1,2,3-cd)pyrene	25.47	276	38100	1.691	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.48	278	30658	1.721	ng/ul#	88
26) Benzo(g,h,i)perylene	26.12	276	33406	1.616	ng/ul	95

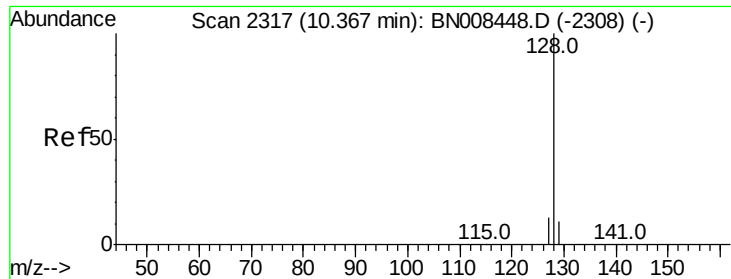
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.584 ng/ul

RT: 10.37 min Scan# 2317

Delta R.T. 0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

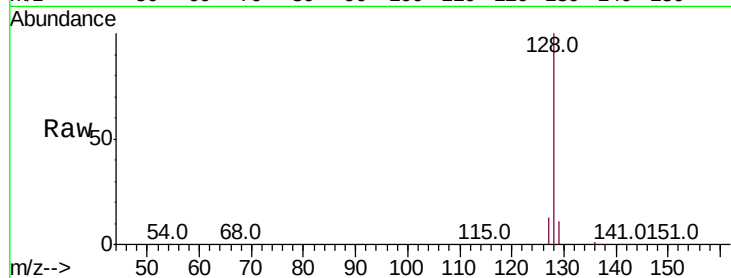
Tot Ion:128 Resp: 32863

Ion Ratio Lower Upper

128 100

129 11.1 10.0 15.0

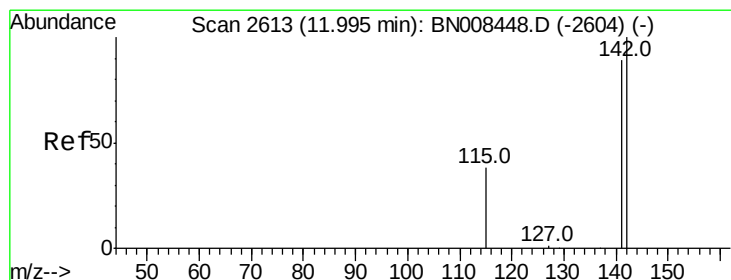
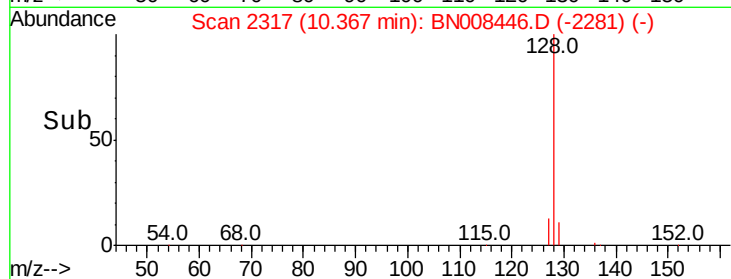
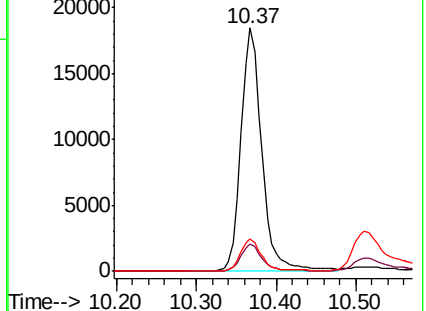
127 13.4 11.6 17.4



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: 1.601 ng/ul

RT: 12.00 min Scan# 2613

Delta R.T. 0.00 min

Lab File: BN008446.D

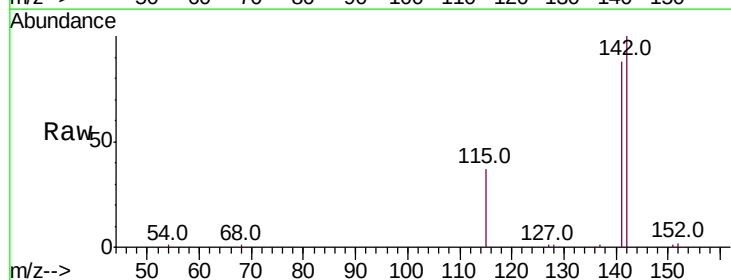
Acq: 05 Nov 2019 14:19

Tgt Ion:142 Resp: 22781

Ion Ratio Lower Upper

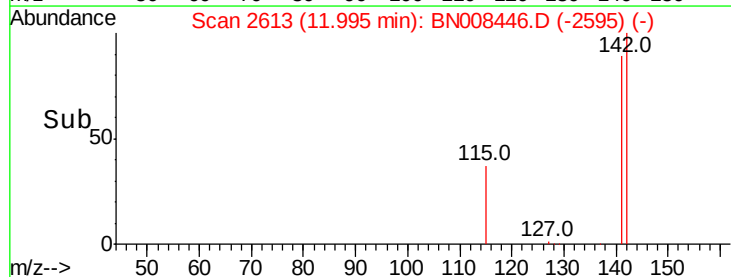
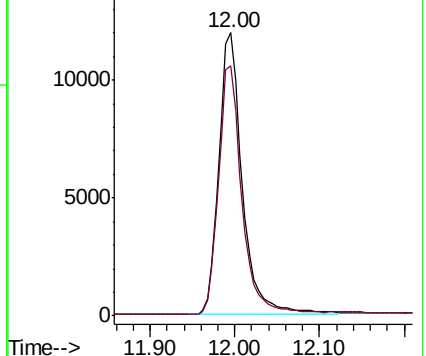
142 100

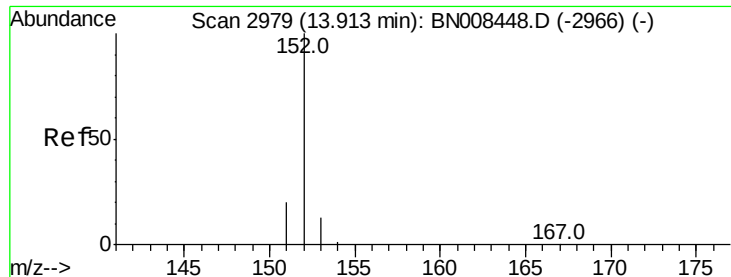
141 89.3 72.8 109.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 1.674 ng/ul

RT: 13.91 min Scan# 2979

Delta R.T. 0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

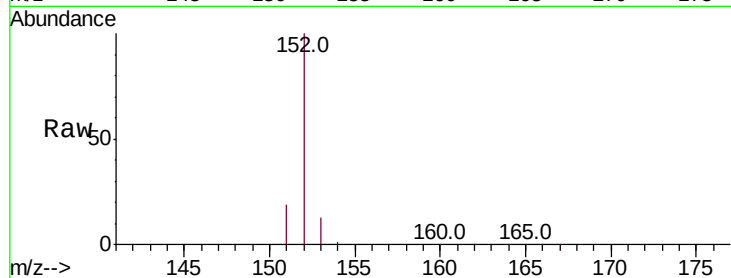
Tot Ion:152 Resp: 32388

Ion Ratio Lower Upper

152 100

151 19.5 16.7 25.1

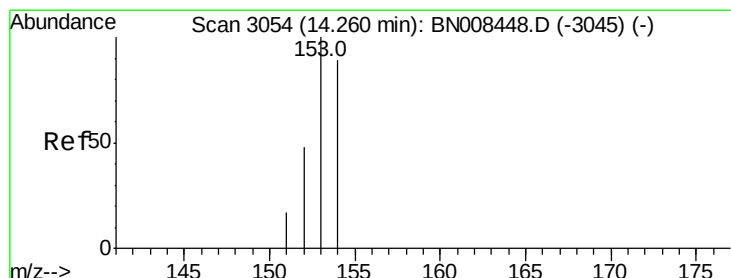
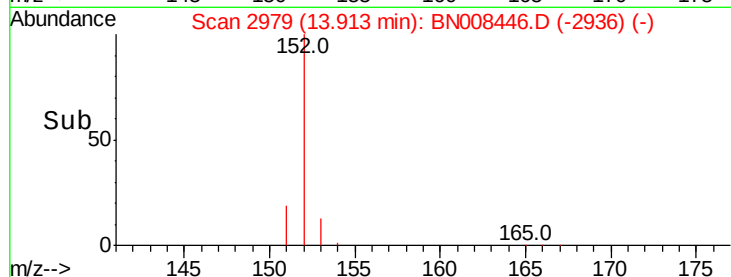
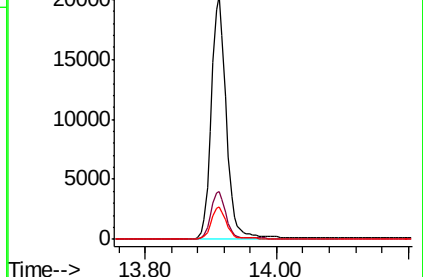
153 13.2 11.4 17.2



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: 1.680 ng/ul

RT: 14.26 min Scan# 3054

Delta R.T. 0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

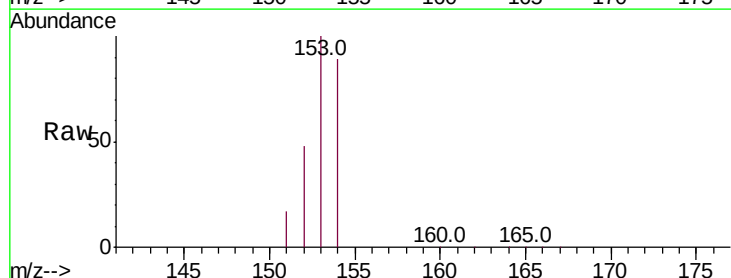
Tgt Ion:153 Resp: 25279

Ion Ratio Lower Upper

153 100

152 47.9 39.8 59.8

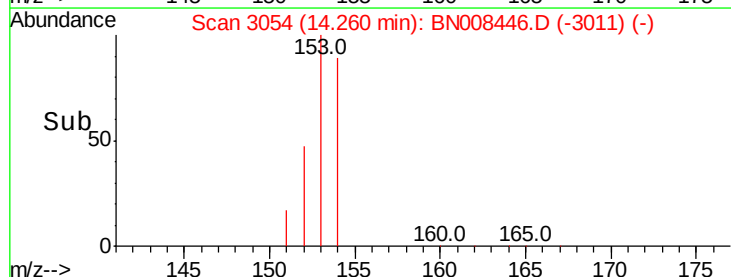
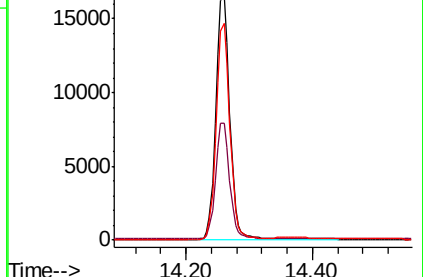
154 88.8 71.6 107.4

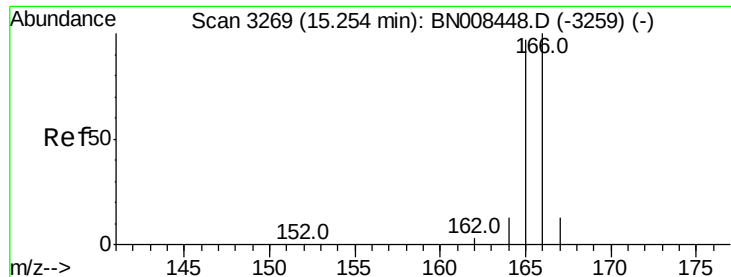


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

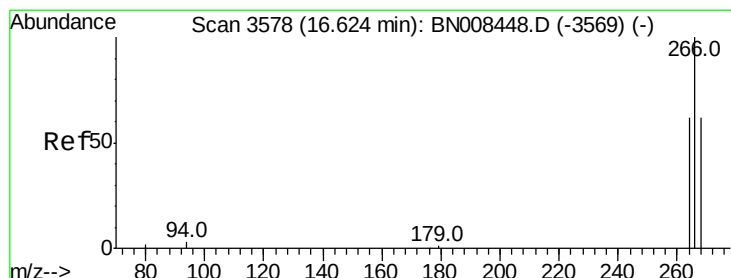
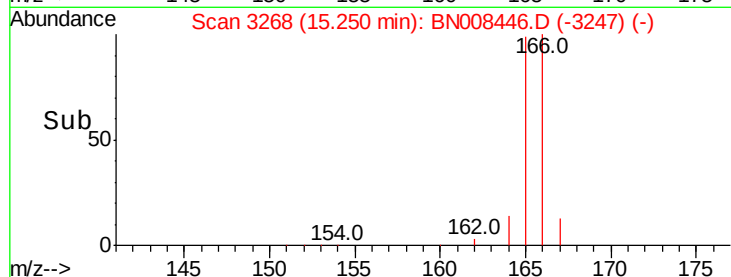
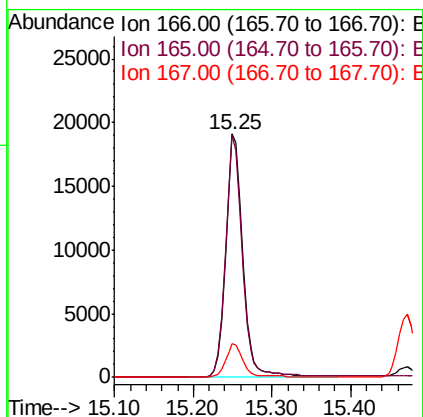
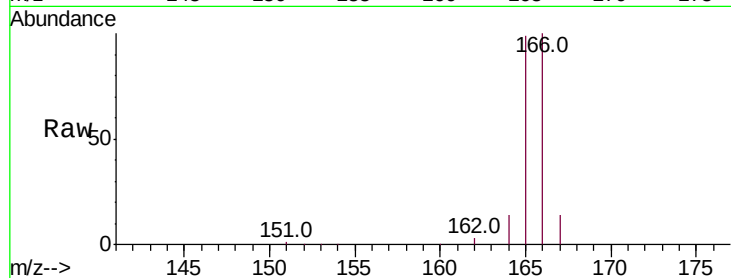




#9
Fluorene
 Concen: 1.678 ng/ul
 RT: 15.25 min Scan# 3268
 Delta R.T. -0.00 min
 Lab File: BN008446.D
 Acq: 05 Nov 2019 14:19

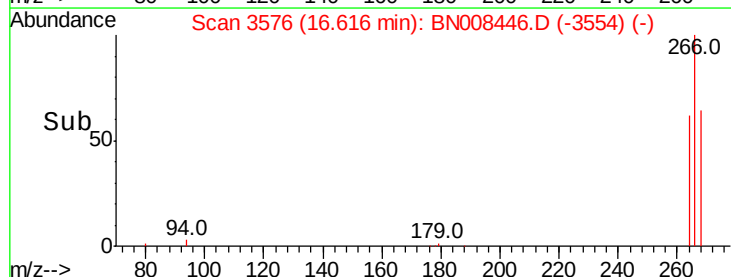
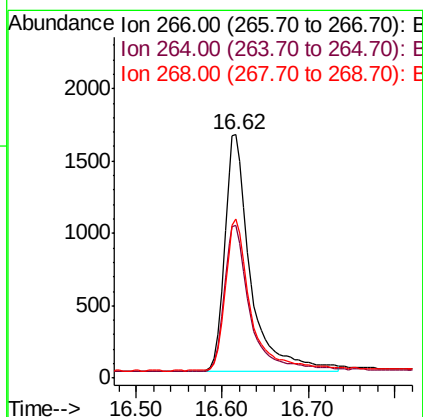
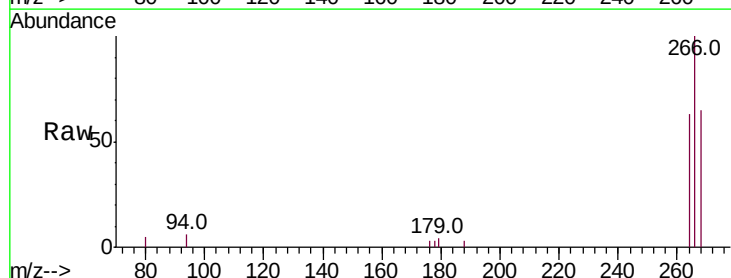
Instrument :
 BNA_N
 ClientSampleId :

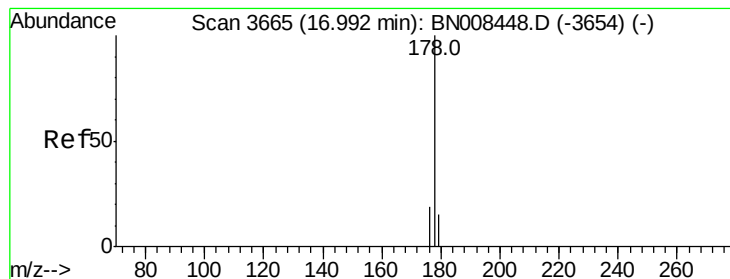
Tot Ion:166 Resp: 28674
 Ion Ratio Lower Upper
 166 100
 165 99.4 78.2 117.2
 167 13.8 12.1 18.1



#11
Pentachlorophenol
 Concen: 1.562 ng/ul
 RT: 16.62 min Scan# 3576
 Delta R.T. -0.01 min
 Lab File: BN008446.D
 Acq: 05 Nov 2019 14:19

Tgt Ion:266 Resp: 3408
 Ion Ratio Lower Upper
 266 100
 264 62.2 49.8 74.8
 268 63.1 51.0 76.6





#12

Phenanthrene

Concen: 1.685 ng/ul

RT: 16.99 min Scan# 3664

Delta R.T. -0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

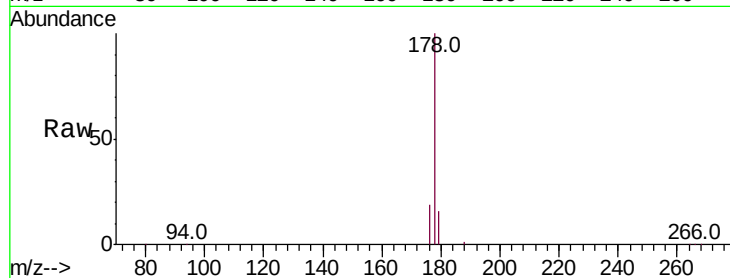
Tot Ion:178 Resp: 44499

Ion Ratio Lower Upper

178 100

179 15.5 13.2 19.8

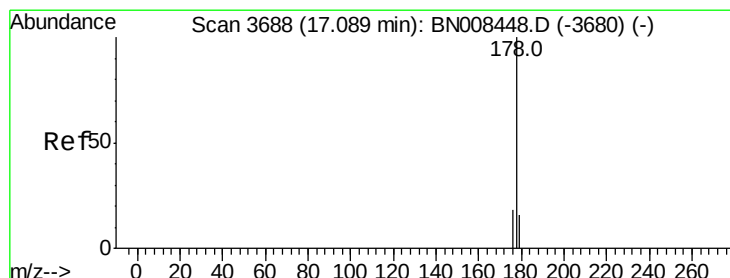
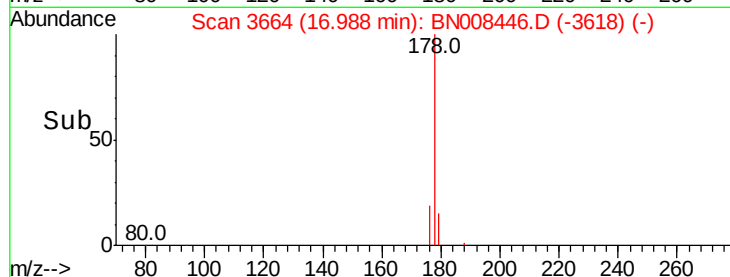
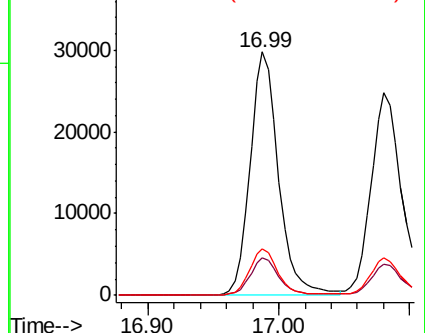
176 19.1 15.6 23.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 1.791 ng/ul

RT: 17.08 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

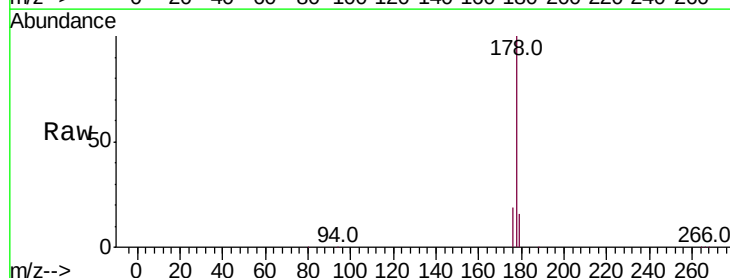
Tgt Ion:178 Resp: 41633

Ion Ratio Lower Upper

178 100

179 15.6 13.7 20.5

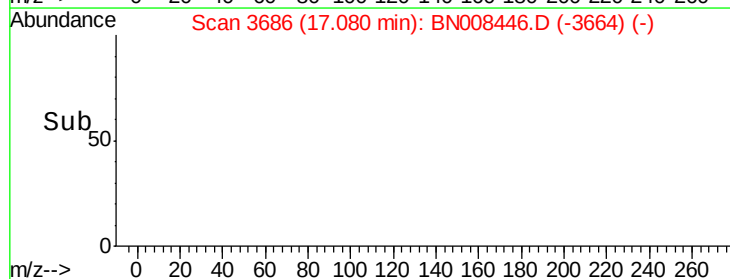
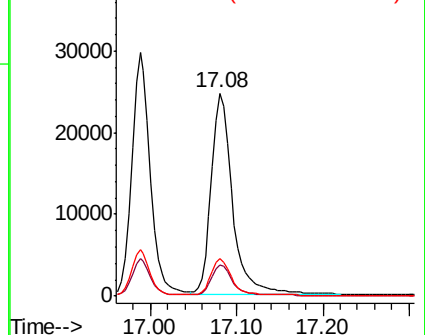
176 18.5 15.7 23.5

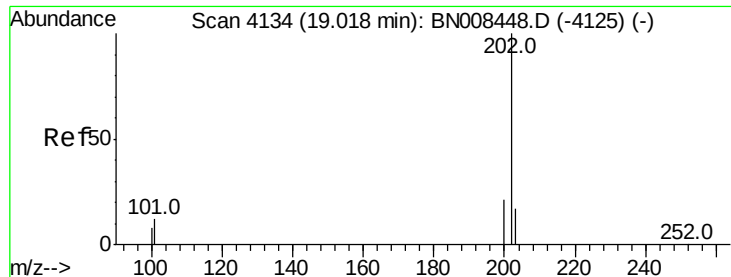


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 1.490 ng/ul

RT: 19.01 min Scan# 4133

Delta R.T. -0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

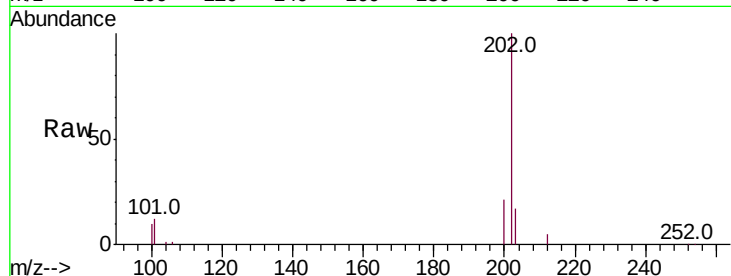
Tot Ion:202 Resp: 51971

Ion Ratio Lower Upper

202 100

101 12.2 0.0 33.0

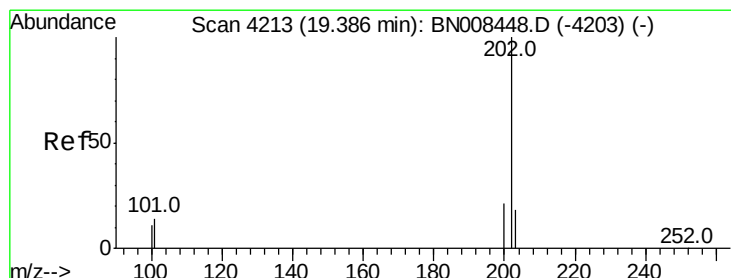
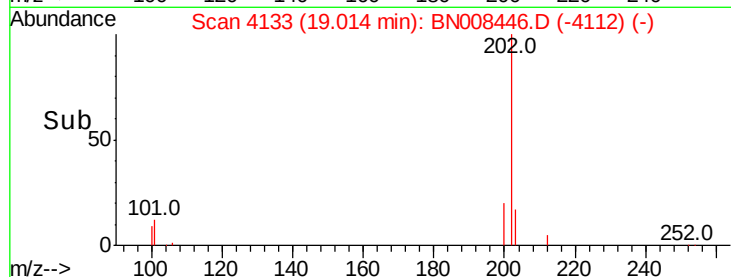
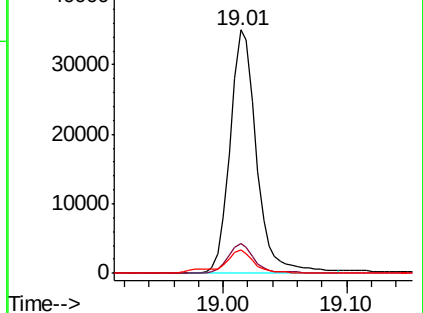
100 9.5 0.0 30.2



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



#17

Pyrene

Concen: 1.878 ng/ul

RT: 19.38 min Scan# 4212

Delta R.T. -0.00 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

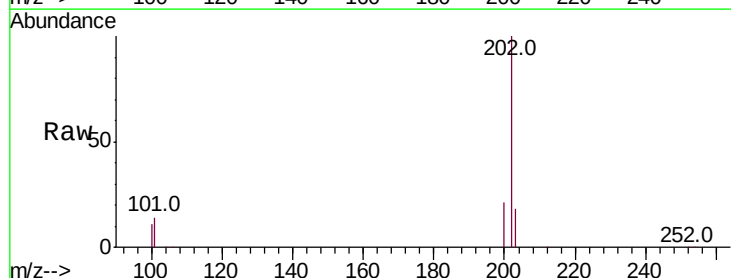
Tgt Ion:202 Resp: 52013

Ion Ratio Lower Upper

202 100

101 13.8 11.6 17.4

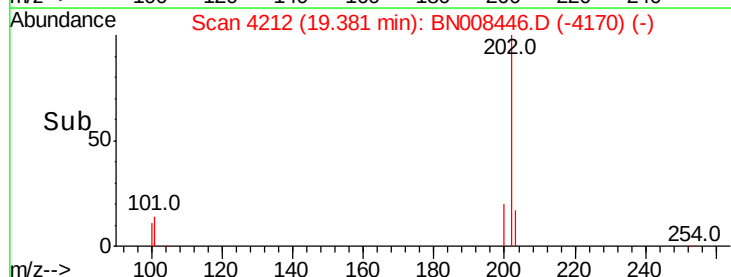
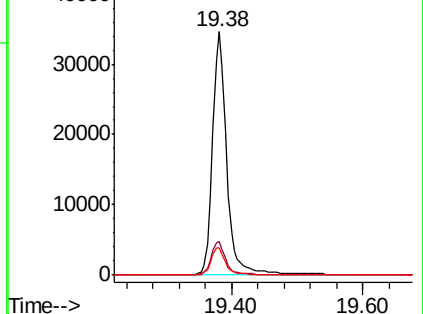
100 11.1 9.4 14.0

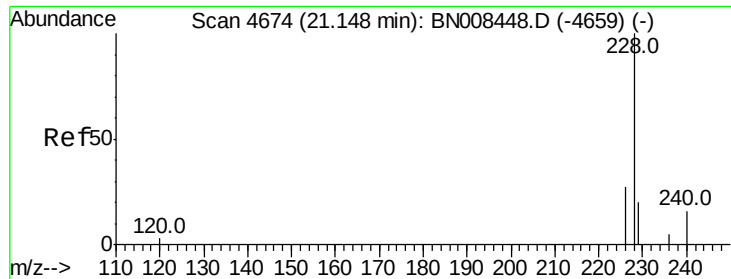


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

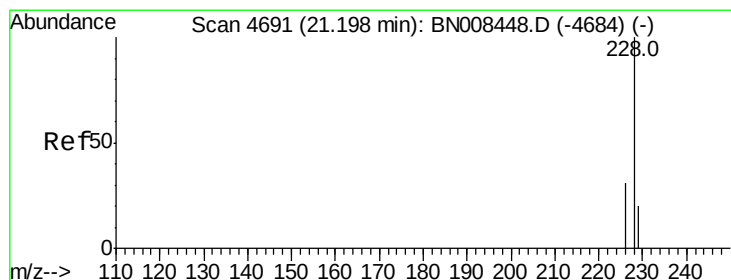
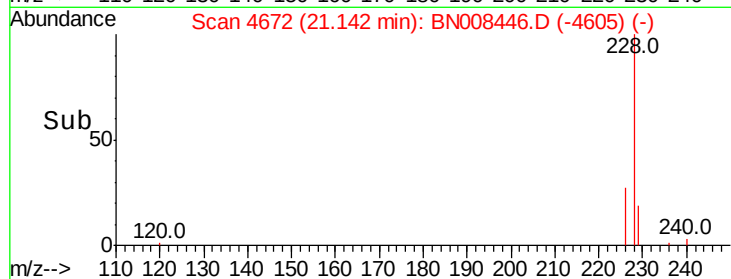
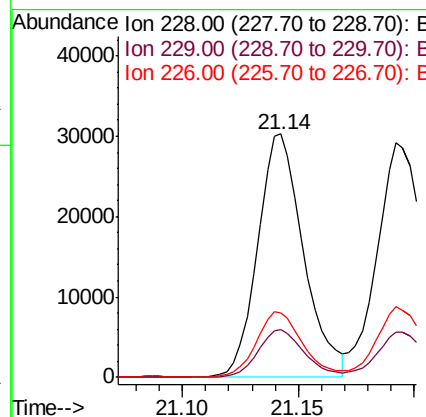
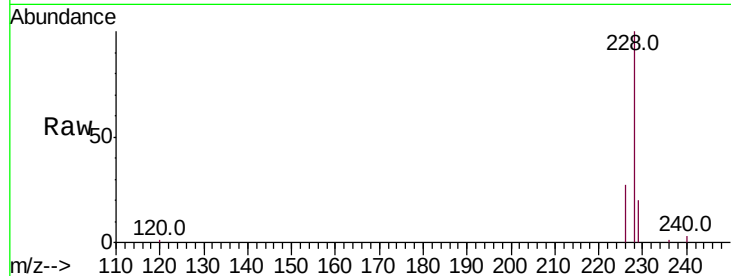




#18
Benzo(a)anthracene
Concen: 1.633 ng/ul
RT: 21.14 min Scan# 4672
Delta R.T. -0.01 min
Lab File: BN008446.D
Acq: 05 Nov 2019 14:19

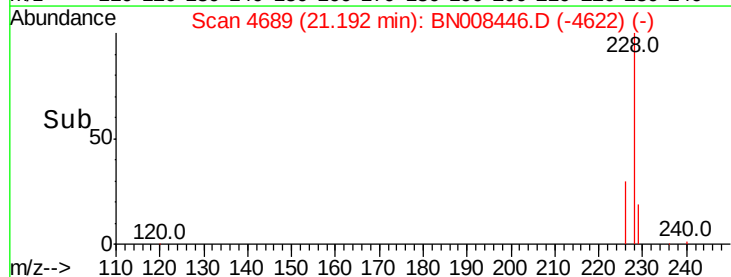
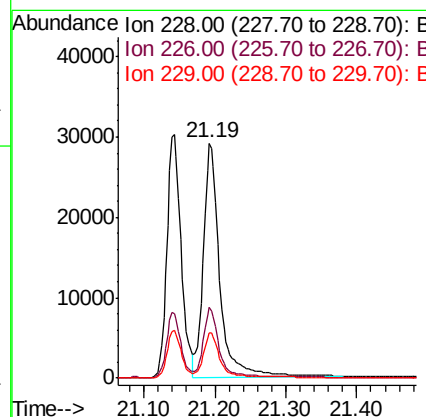
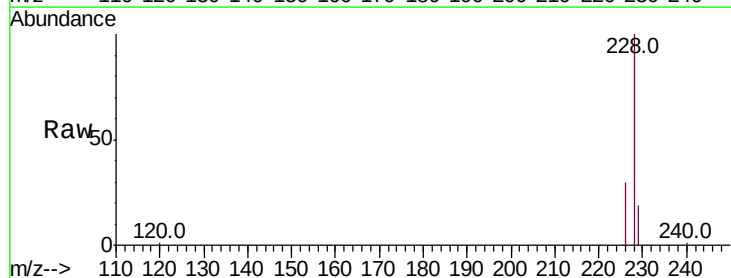
Instrument :
BNA_N
ClientSampleId :

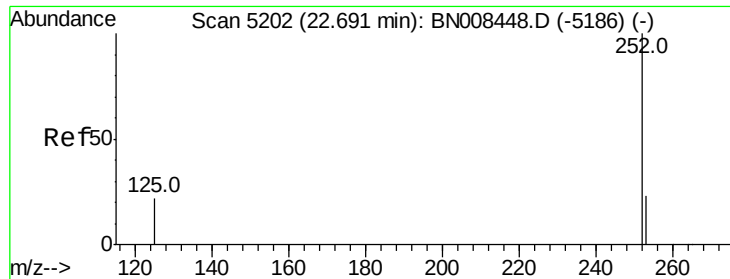
Tot Ion:228 Resp: 41290
Ion Ratio Lower Upper
228 100
229 19.5 16.6 24.8
226 26.7 22.8 34.2



#19
Chrysene
Concen: 1.509 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008446.D
Acq: 05 Nov 2019 14:19

Tgt Ion:228 Resp: 46832
Ion Ratio Lower Upper
228 100
226 30.1 24.9 37.3
229 19.4 16.6 25.0





#21

Benzo(b)fluoranthene

Concen: 1.942 ng/ul

RT: 22.68 min Scan# 5199

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

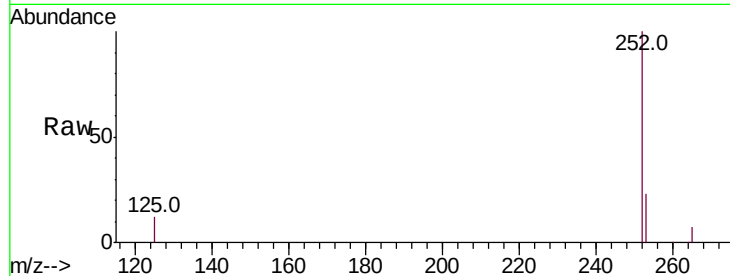
Tot Ion:252 Resp: 35310

Ion Ratio Lower Upper

252 100

253 22.7 0.0 58.4

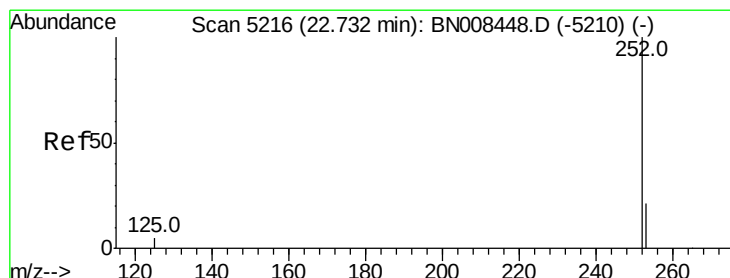
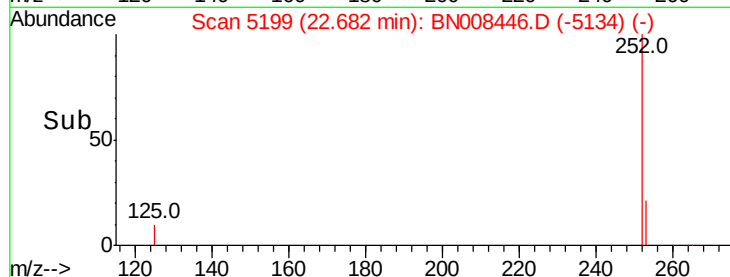
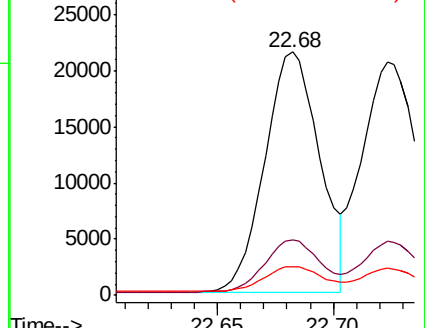
125 12.0 0.0 58.6



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



#22

Benzo(k)fluoranthene

Concen: 1.908 ng/ul

RT: 22.72 min Scan# 5213

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

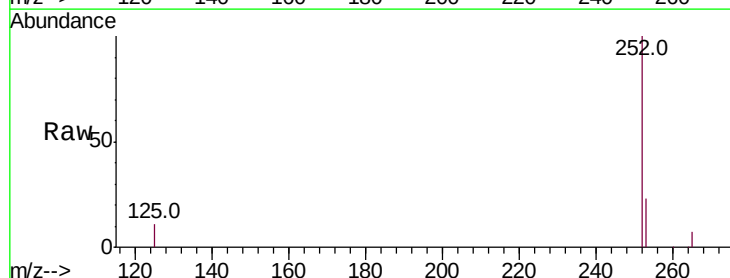
Tgt Ion:252 Resp: 39306

Ion Ratio Lower Upper

252 100

253 23.2 22.6 34.0

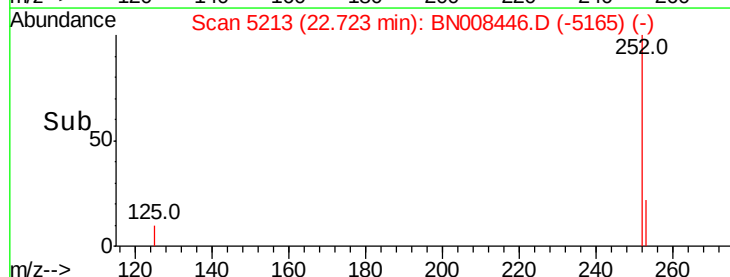
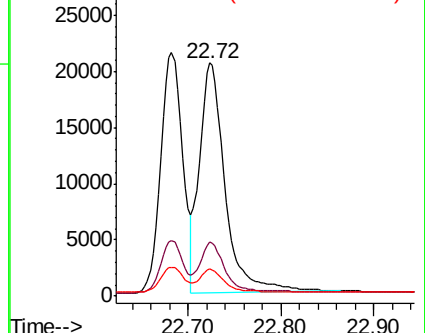
125 11.4 14.7 22.1#

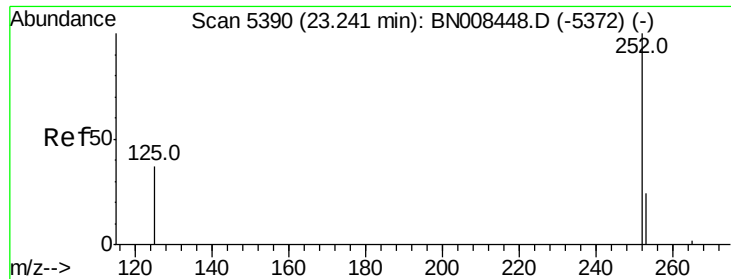


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.767 ng/ul

RT: 23.23 min Scan# 5387

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

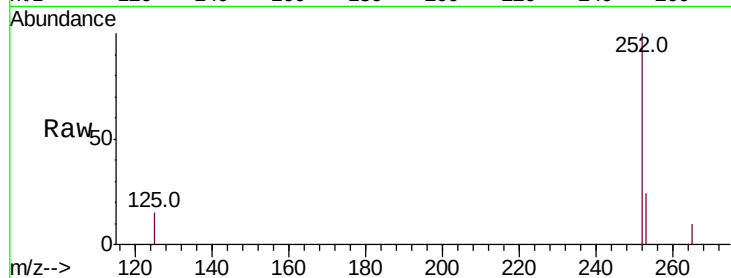
Tot Ion:252 Resp: 33822

Ion Ratio Lower Upper

252 100

253 23.6 27.2 40.8#

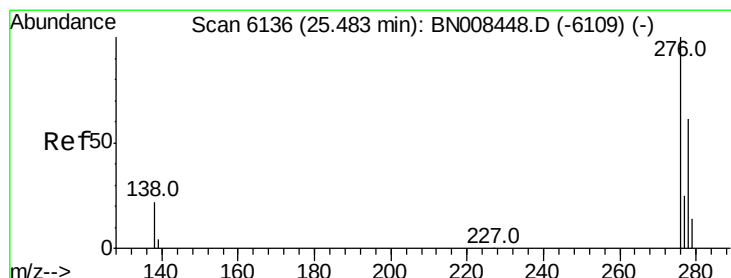
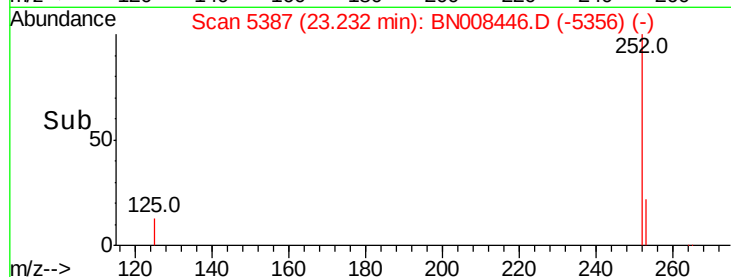
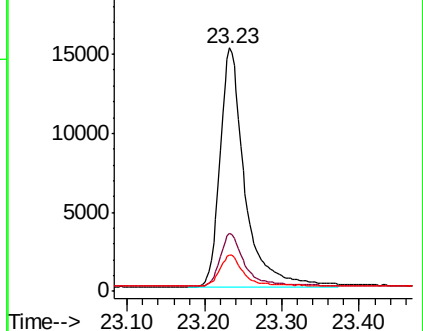
125 14.9 37.0 55.6#



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: 1.691 ng/ul

RT: 25.47 min Scan# 6133

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

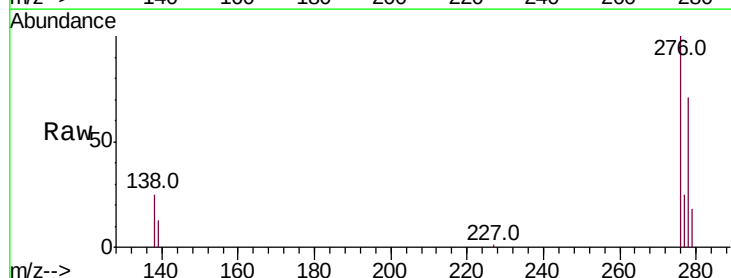
Tgt Ion:276 Resp: 38100

Ion Ratio Lower Upper

276 100

138 24.7 18.3 27.5

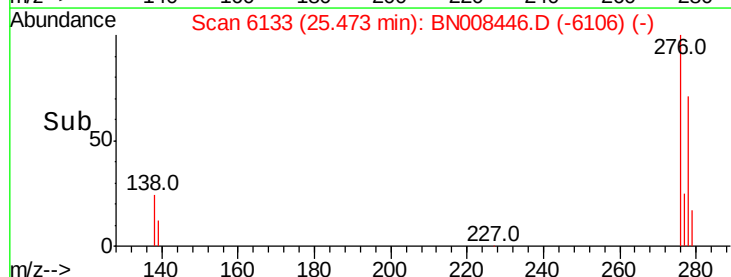
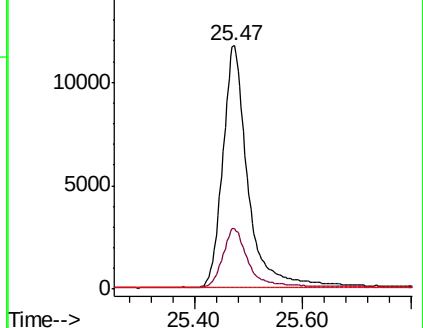
227 0.2 0.0 0.0#

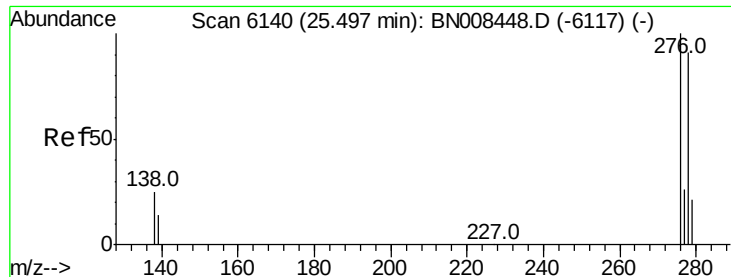


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E





#25

Dibenzo(a,h)anthracene

Concen: 1.721 ng/ul

RT: 25.48 min Scan# 6136

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

Instrument :

BNA_N

ClientSampleId :

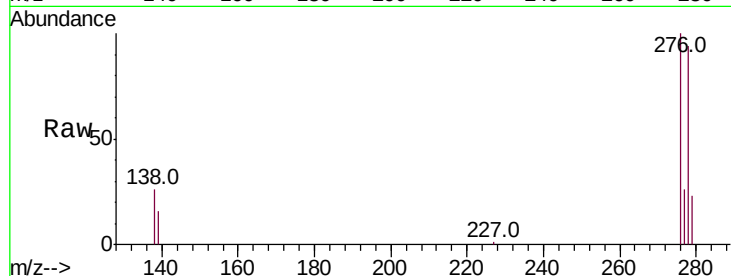
Tot Ion:278 Resp: 30658

Ion Ratio Lower Upper

278 100

139 17.0 17.6 26.4#

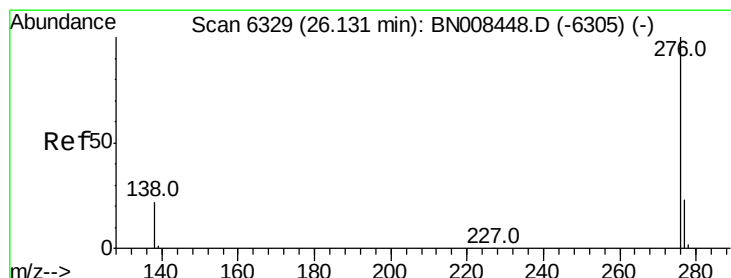
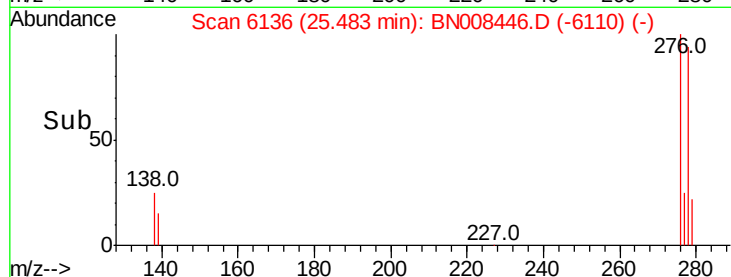
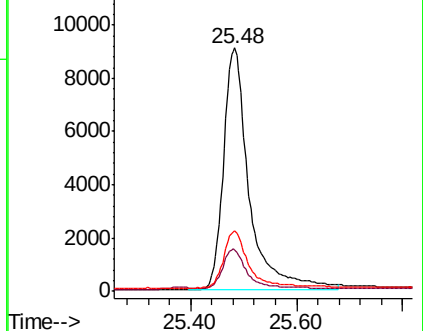
279 24.7 25.1 37.7#



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



#26

Benzo(g,h,i)perylene

Concen: 1.616 ng/ul

RT: 26.12 min Scan# 6326

Delta R.T. -0.01 min

Lab File: BN008446.D

Acq: 05 Nov 2019 14:19

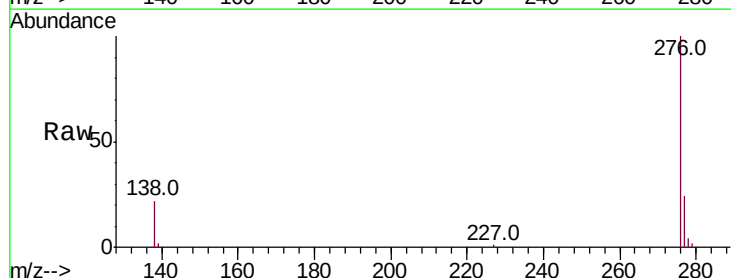
Tgt Ion:276 Resp: 33406

Ion Ratio Lower Upper

276 100

138 21.9 20.1 30.1

277 24.0 20.6 31.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

