

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
 Data File : BN008364.D
 Acq On : 23 Oct 2019 23:54
 Operator : JU
 Sample : K5235-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 24 01:39:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 14:07:55 2019
 Response via : Initial Calibration

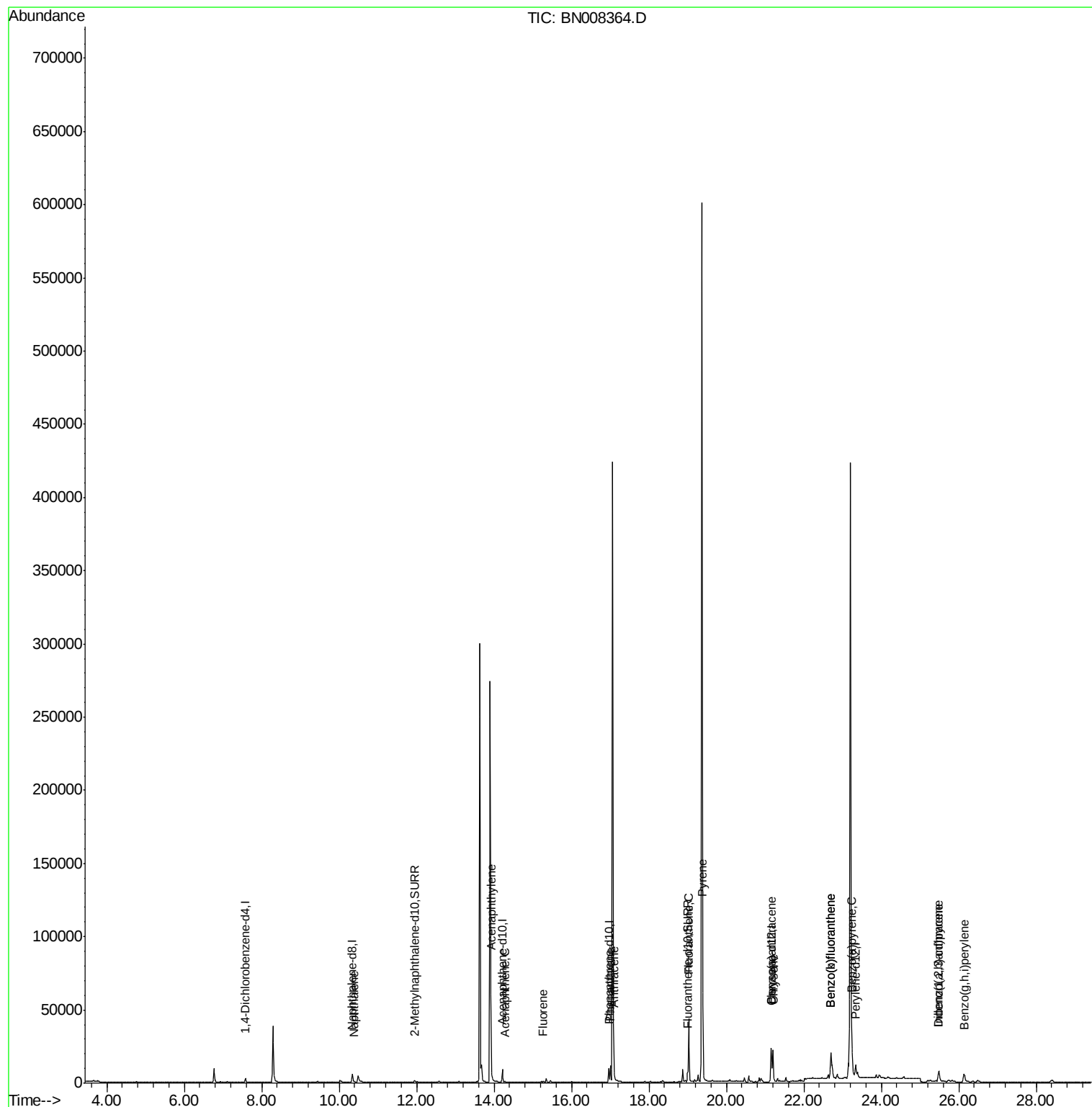
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1678	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.34	136	7601	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	4875	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	10959	0.40	ng/ul	-0.01
16) Chrysene-d12	21.17	240	11169	0.40	ng/ul	-0.01
20) Perylene-d12	23.33	264	10656	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2111	0.16	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	6714	0.18	ng/ul	-0.02
Target Compounds				Ovalue		
3) Naphthalene	10.39	128	519	0.024	ng/ul#	65
7) Acenaphthylene	13.93	152	1384	0.060	ng/ul#	87
8) Acenaphthene	14.27	153	377	0.021	ng/ul#	93
9) Fluorene	15.27	166	525	0.026	ng/ul#	93
12) Phenanthrene	17.00	178	12037	0.375	ng/ul	100
13) Anthracene	17.09	178	2339	0.083	ng/ul#	92
15) Fluoranthene	19.03	202	36267	0.856	ng/ul	98
17) Pyrene	19.39	202	34965	0.786	ng/ul	96
18) Benzo(a)anthracene	21.15	228	18382	0.453	ng/ul	97
19) Chrysene	21.20	228	22244	0.446	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	38404	1.107	ng/ul	95
22) Benzo(k)fluoranthene	22.69	252	38404	0.977	ng/ul#	94
23) Benzo(a)pyrene	23.24	252	18247	0.500	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.48	276	12098	0.281	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	2642	0.078	ng/ul#	78
26) Benzo(a,h,i)perylene	26.14	276	11627	0.295	ng/ul	97

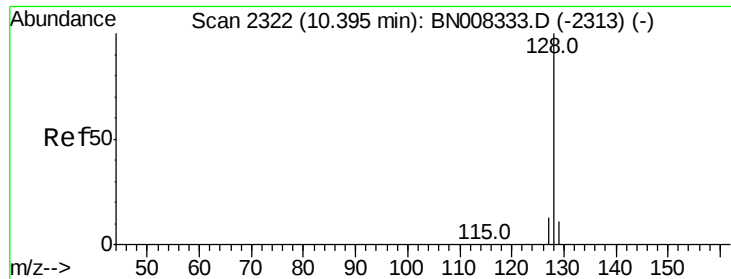
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 23 14:07:55 2019
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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.39 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

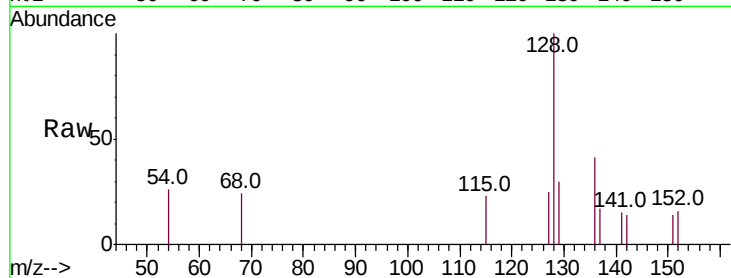
Tot Ion:128 Resp: 519

Ion Ratio Lower Upper

128 100

129 29.5 9.8 14.8#

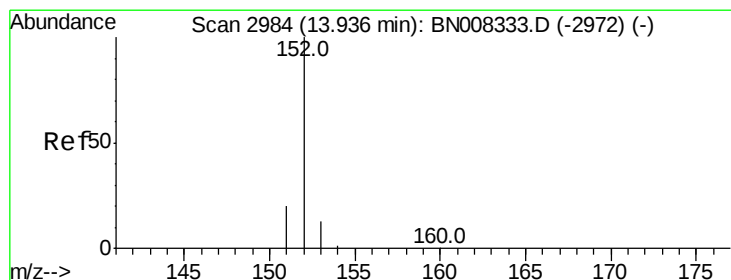
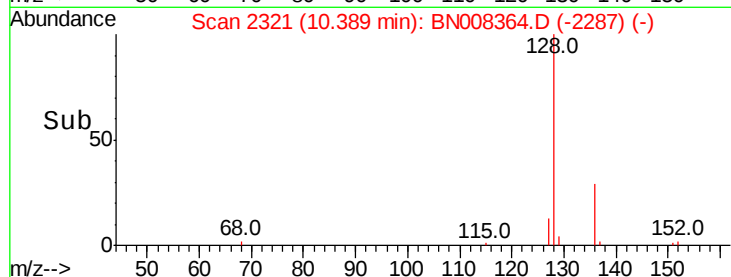
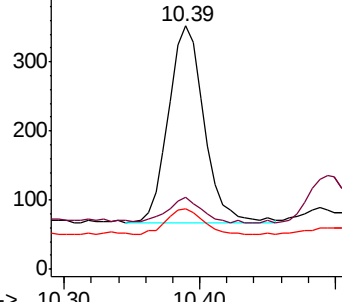
127 24.7 11.1 16.7#



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



#7

Acenaphthylene

Concen: 0.060 ng/ul

RT: 13.93 min Scan# 2982

Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

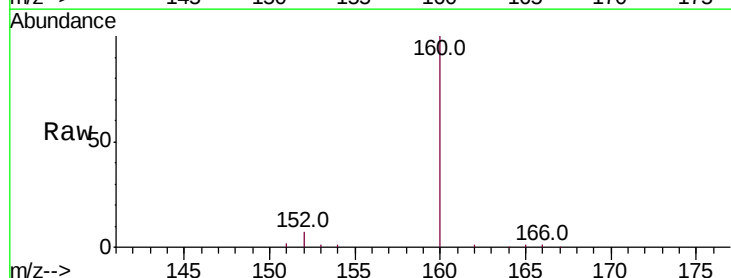
Tgt Ion:152 Resp: 1384

Ion Ratio Lower Upper

152 100

151 25.0 16.2 24.4#

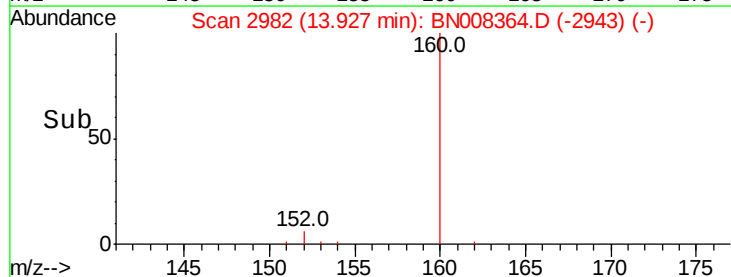
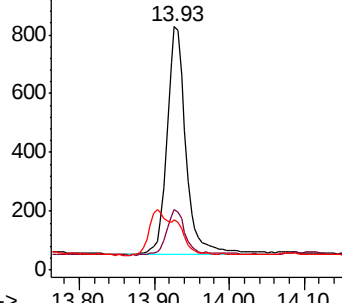
153 20.5 11.0 16.4#

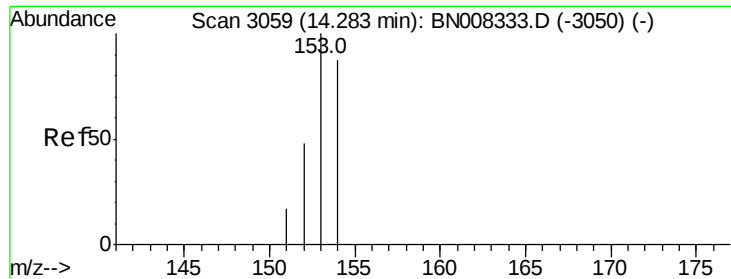


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.021 ng/ul

RT: 14.27 min Scan# 3057

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

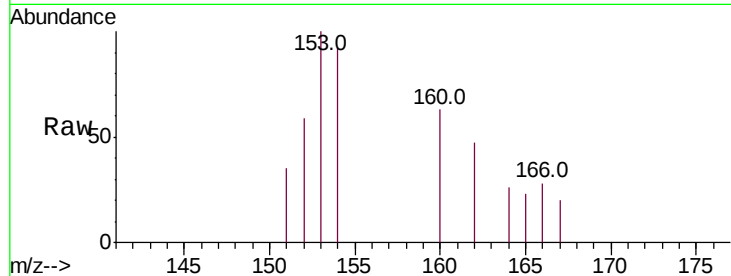
Tot Ion:153 Resp: 377

Ion Ratio Lower Upper

153 100

152 59.2 38.2 57.2#

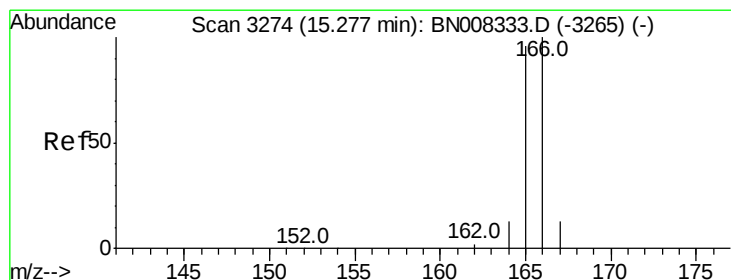
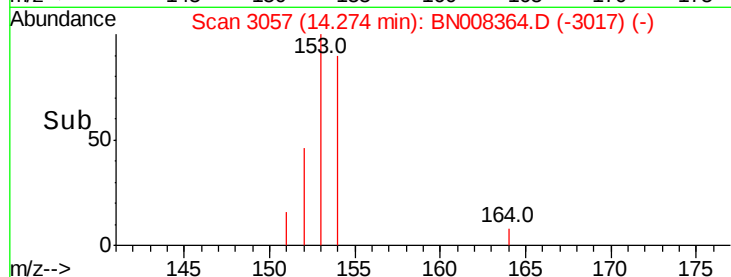
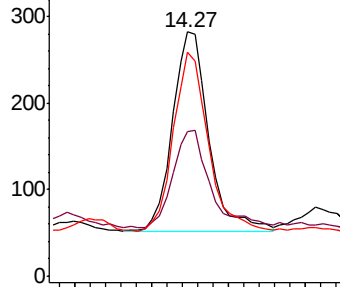
154 91.8 71.8 107.8



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: 0.026 ng/ul

RT: 15.27 min Scan# 3272

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

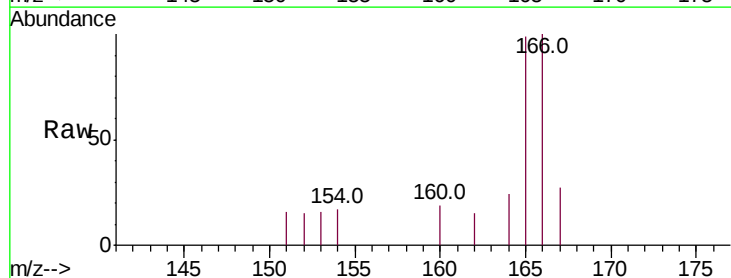
Tgt Ion:166 Resp: 525

Ion Ratio Lower Upper

166 100

165 99.3 76.6 115.0

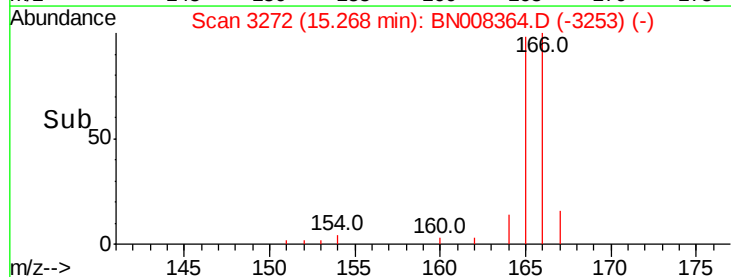
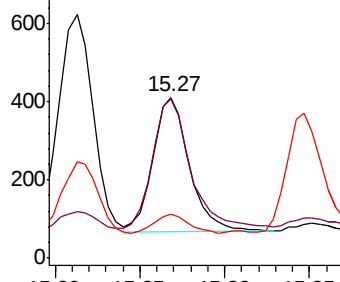
167 27.5 11.7 17.5#

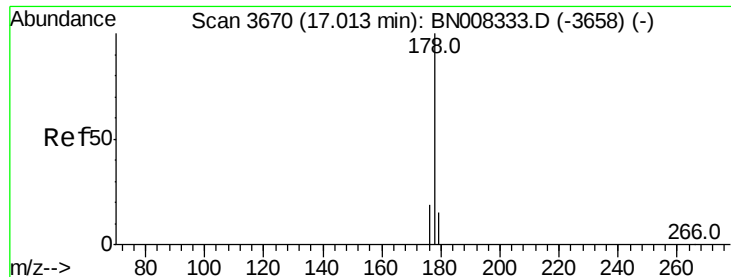


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#12

Phenanthrene

Concen: 0.375 ng/ul

RT: 17.00 min Scan# 3667

Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

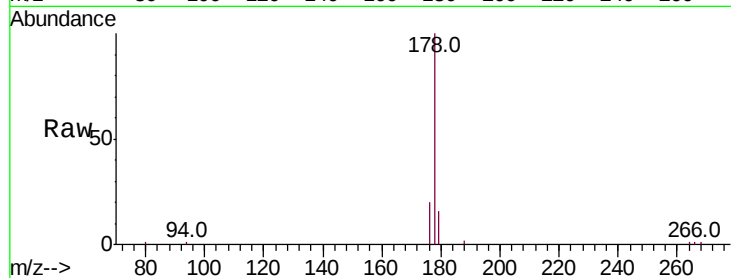
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 12037

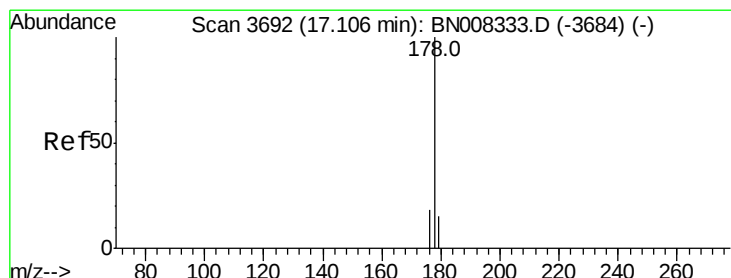
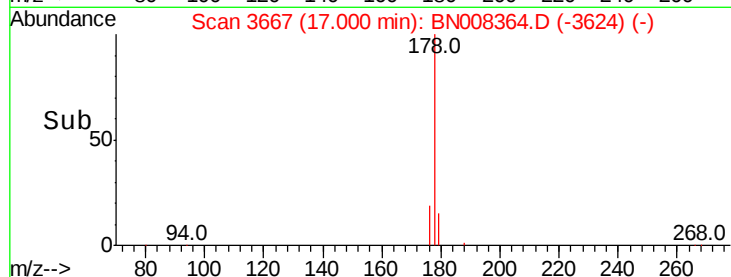
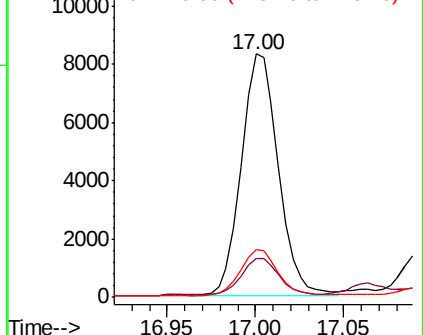
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.8	19.2
176	19.6	15.4	23.2



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: 0.083 ng/ul

RT: 17.09 min Scan# 3689

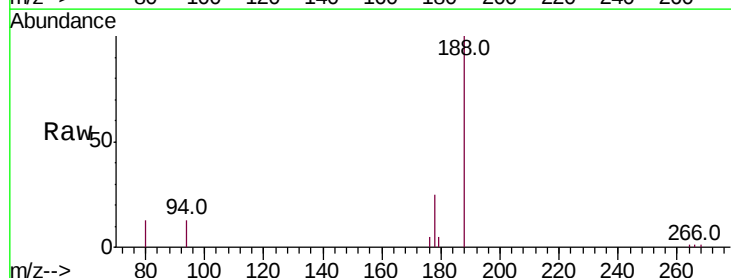
Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Tgt Ion:178 Resp: 2339

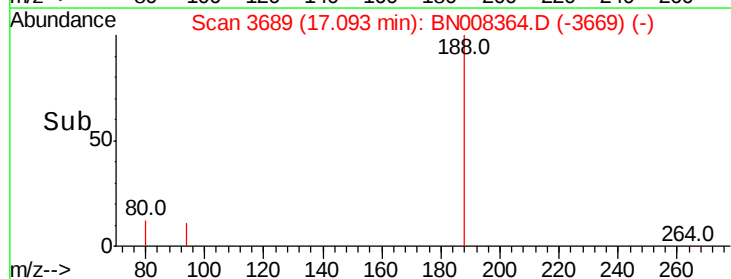
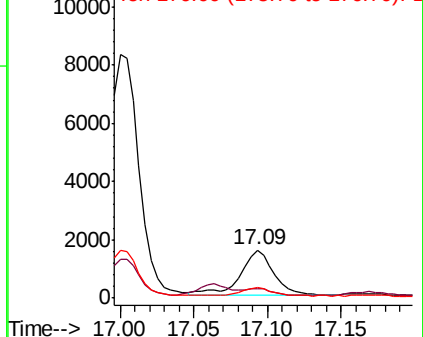
Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.0	19.6#
176	21.5	15.0	22.6

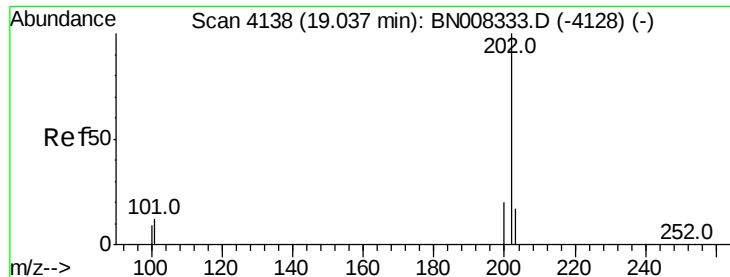


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#15

Fluoranthene

Concen: 0.856 ng/ul

RT: 19.03 min Scan# 4136

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

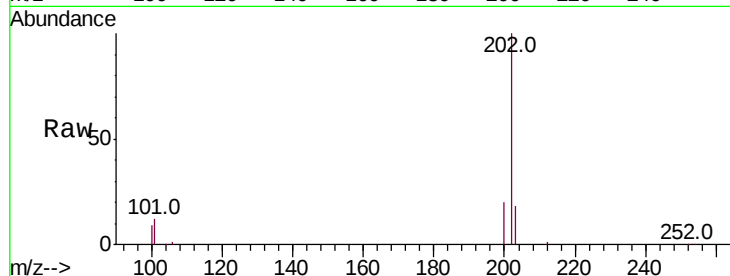
Tot Ion:202 Resp: 36267

Ion Ratio Lower Upper

202 100

101 12.2 0.0 31.2

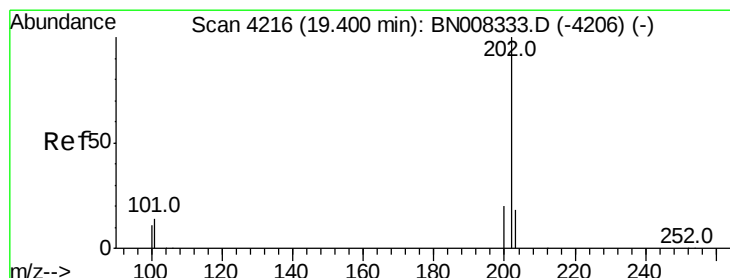
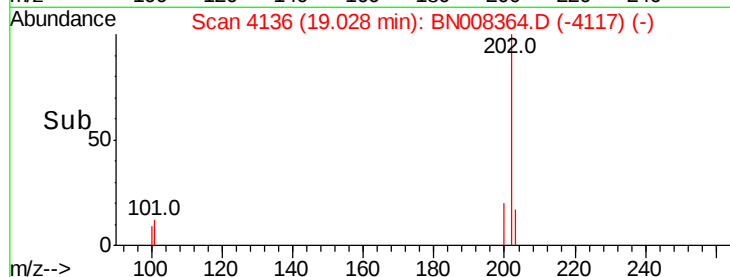
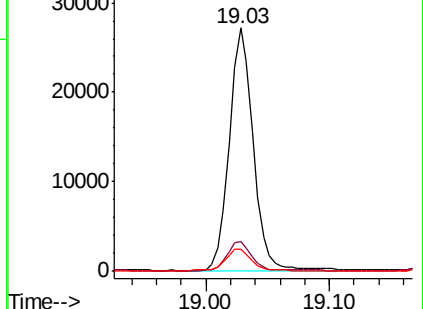
100 9.3 0.0 28.5



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: 0.786 ng/ul

RT: 19.39 min Scan# 4214

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

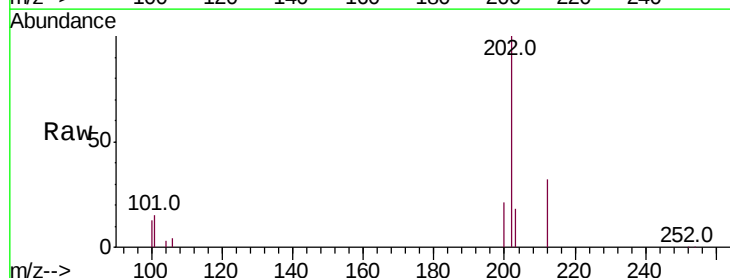
Tgt Ion:202 Resp: 34965

Ion Ratio Lower Upper

202 100

101 15.0 10.9 16.3

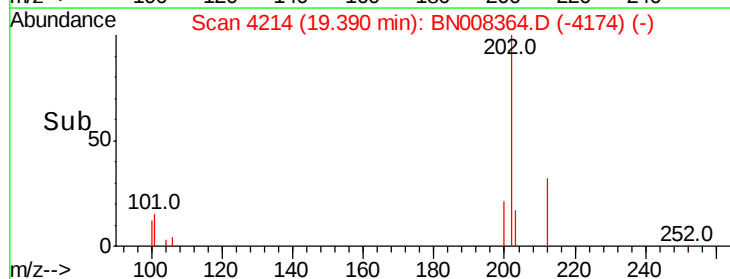
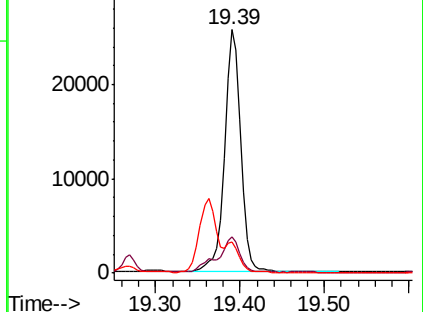
100 12.6 8.7 13.1

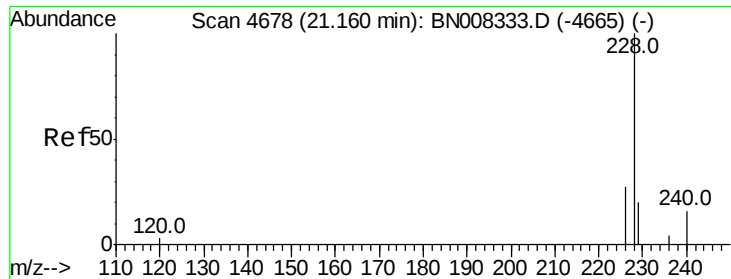


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.453 ng/ul

RT: 21.15 min Scan# 4675

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

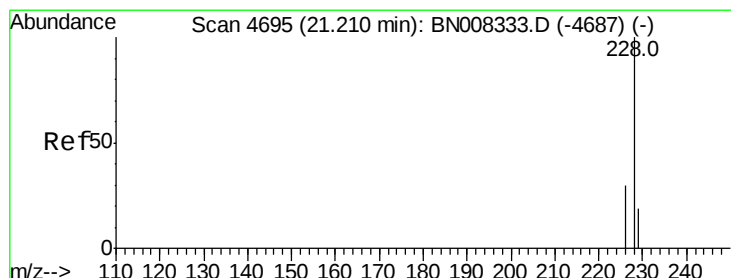
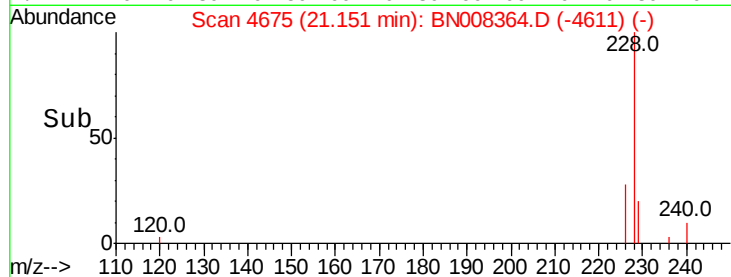
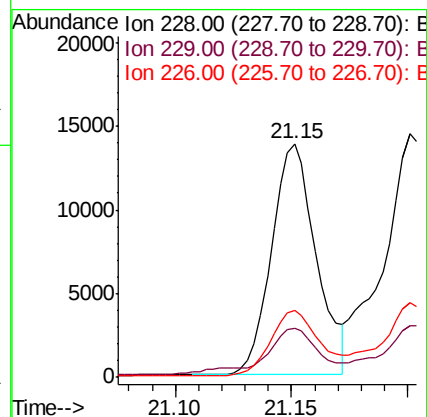
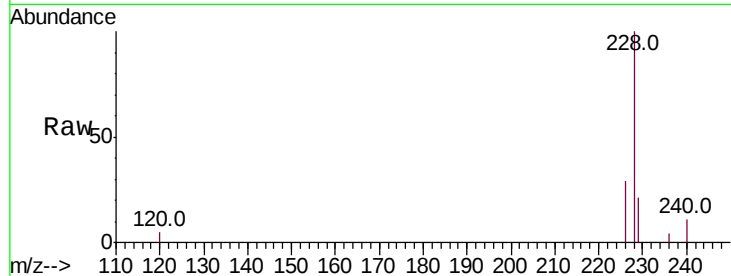
Tot Ion:228 Resp: 18382

Ion Ratio Lower Upper

228 100

229 21.1 16.2 24.2

226 28.5 21.4 32.0



#19

Chrysene

Concen: 0.446 ng/ul

RT: 21.20 min Scan# 4692

Delta R.T. -0.01 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

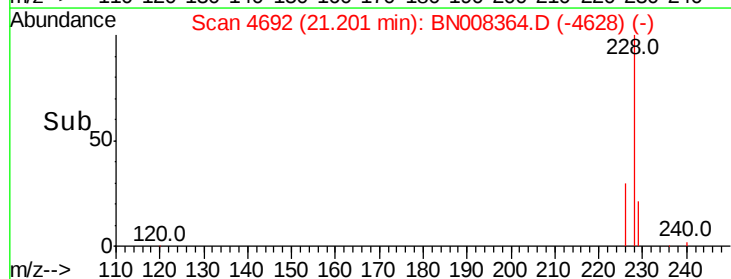
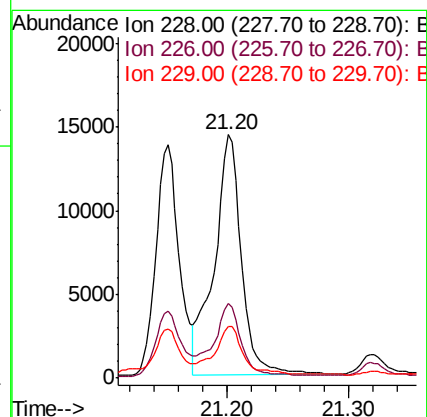
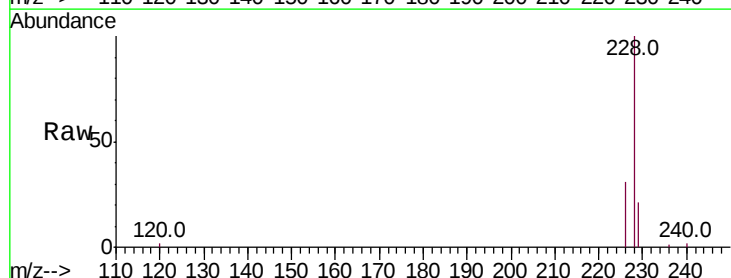
Tgt Ion:228 Resp: 22244

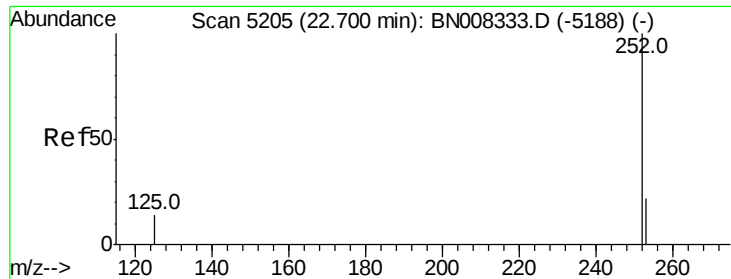
Ion Ratio Lower Upper

228 100

226 30.9 24.1 36.1

229 21.4 16.2 24.2

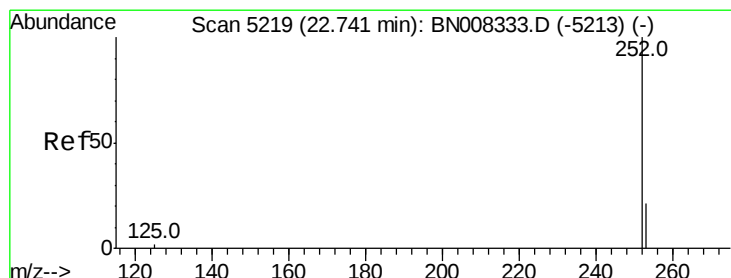
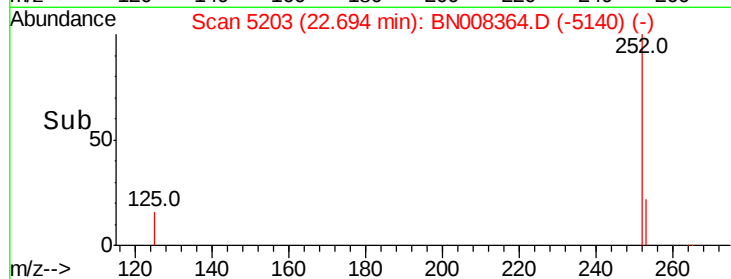
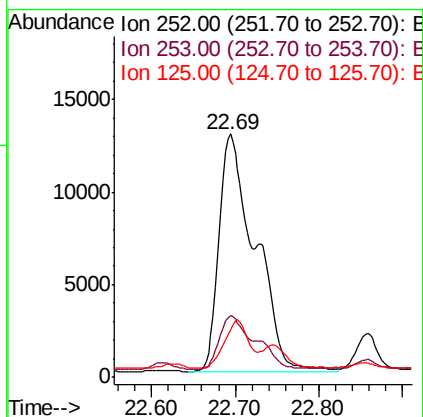
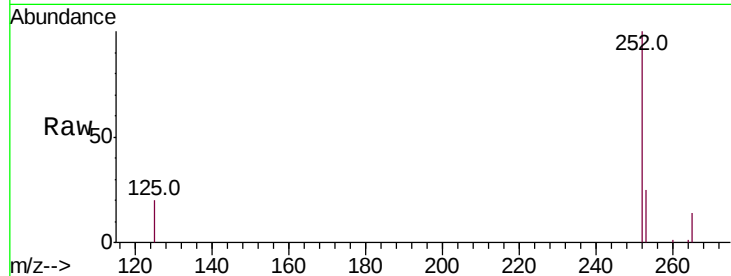




#21
Benzo(b)fluoranthene
Concen: 1.107 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

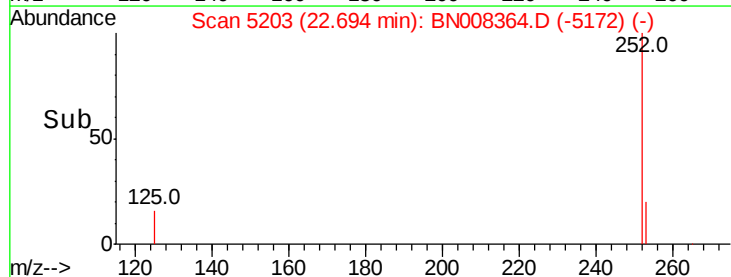
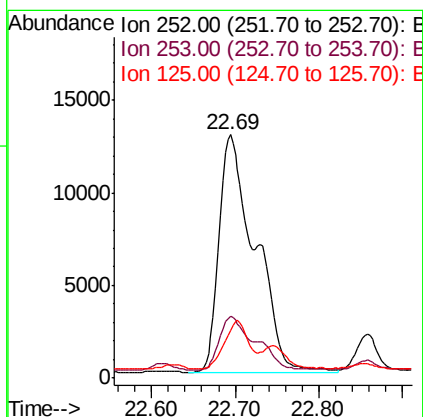
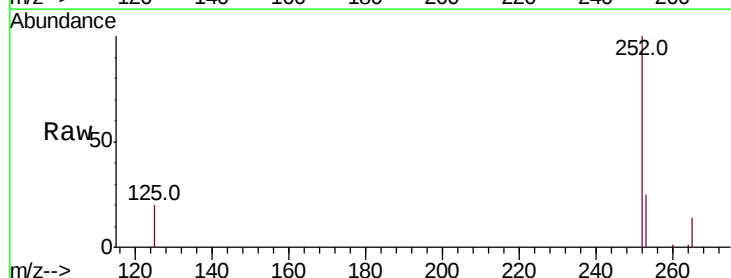
Instrument :
BNA_N
ClientSampleId :

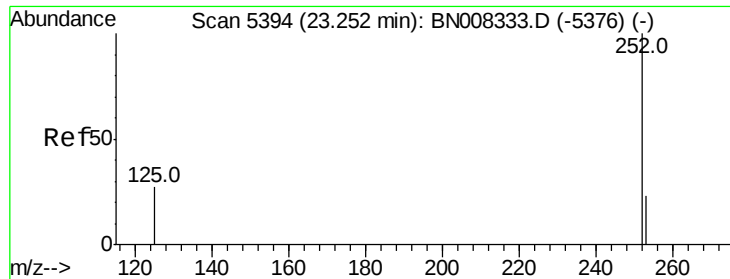
Tot Ion:252 Resp: 38404
Ion Ratio Lower Upper
252 100
253 25.2 0.0 53.4
125 19.8 0.0 32.4



#22
Benzo(k)fluoranthene
Concen: 0.977 ng/ul
RT: 22.69 min Scan# 5203
Delta R.T. -0.06 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Tgt Ion:252 Resp: 38404
Ion Ratio Lower Upper
252 100
253 25.2 21.3 31.9
125 19.8 12.3 18.5#





#23

Benzo(a)pyrene

Concen: 0.500 ng/ul

RT: 23.24 min Scan# 5390

Delta R.T. -0.02 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

Instrument :

BNA_N

ClientSampleId :

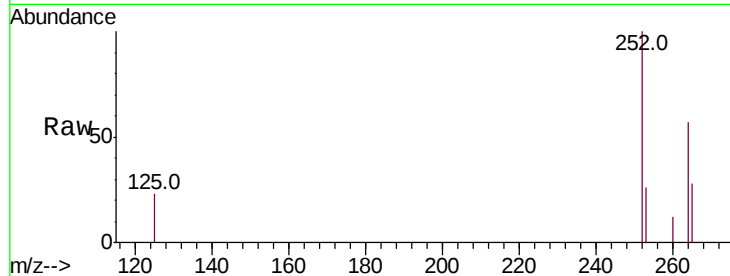
Tot Ion:252 Resp: 18247

Ion Ratio Lower Upper

252 100

253 26.2 22.8 34.2

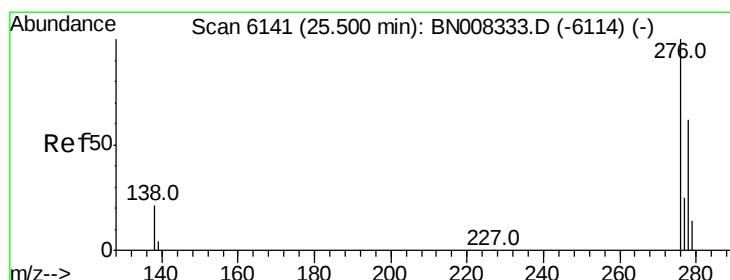
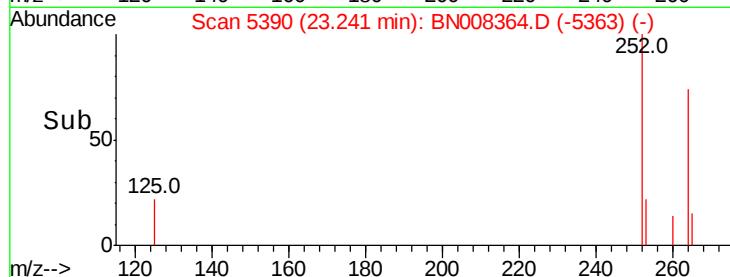
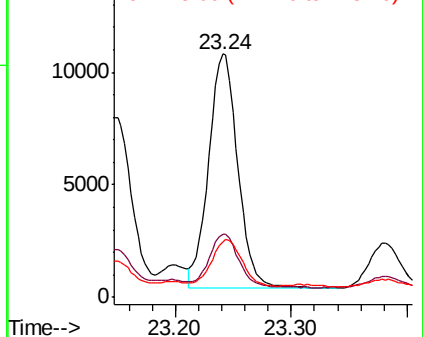
125 23.0 18.4 27.6



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: 25.48 min Scan# 6136

Delta R.T. -0.03 min

Lab File: BN008364.D

Acq: 23 Oct 2019 23:54

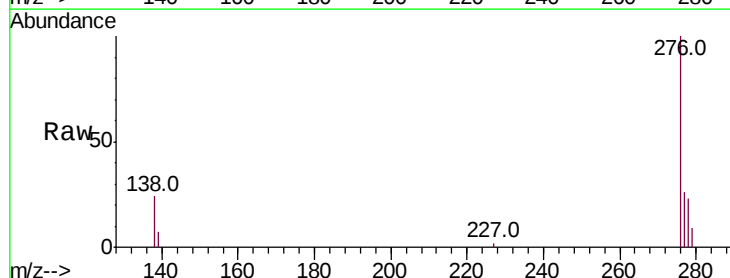
Tgt Ion:276 Resp: 12098

Ion Ratio Lower Upper

276 100

138 22.8 16.1 24.1

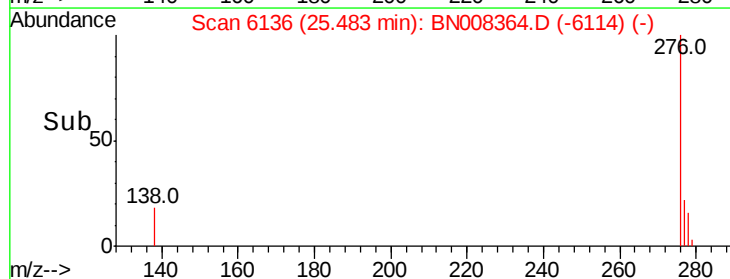
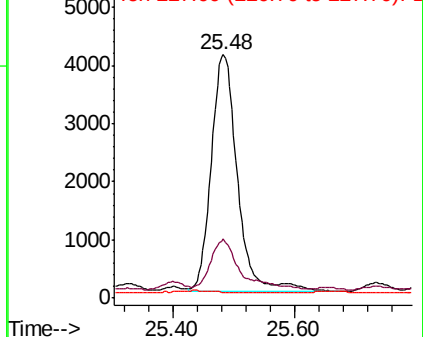
227 0.0 0.2 0.2#

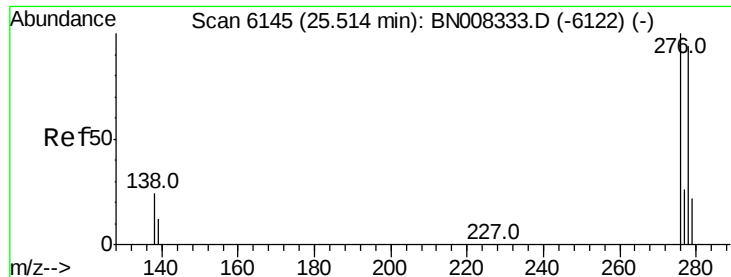


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E



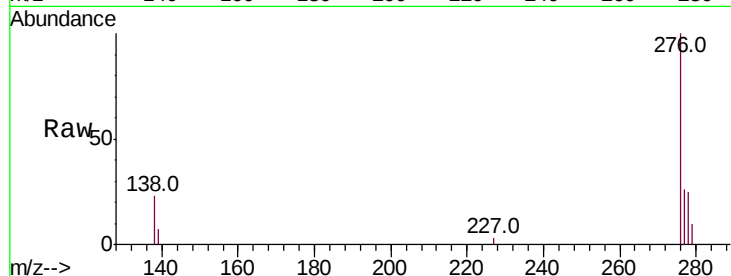


#25

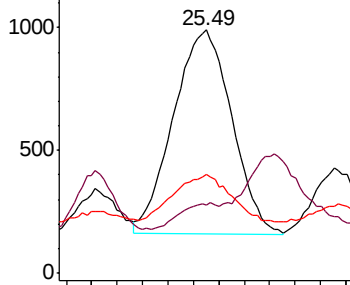
Dibenzo(a,h)anthracene
Concen: 0.078 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.03 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Instrument :
BNA_N
ClientSampleId :

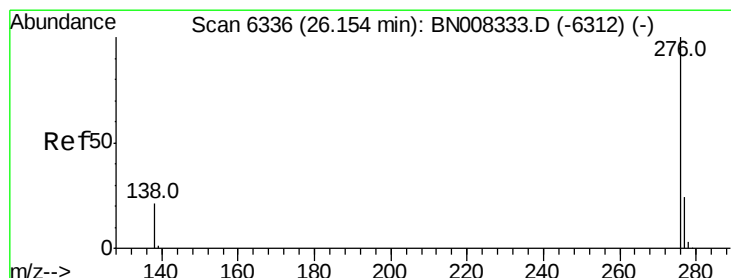
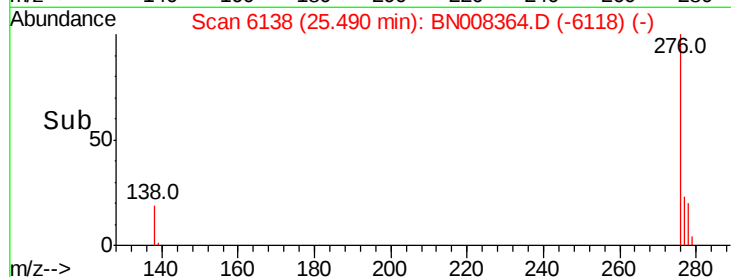
Tot Ion:278 Resp: 2642
Ion Ratio Lower Upper
278 100
139 28.0 15.0 22.6#
279 40.4 22.4 33.6#



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



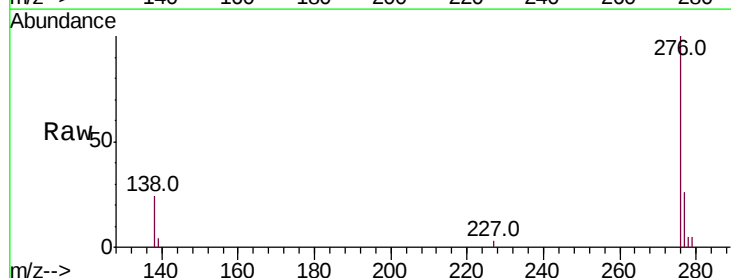
Time-->



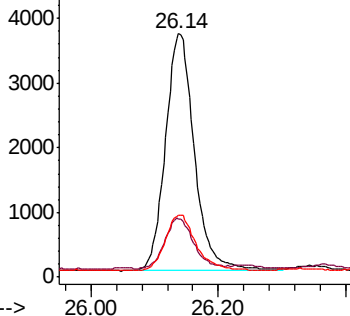
#26

Benzo(g,h,i)perylene
Concen: 0.295 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008364.D
Acq: 23 Oct 2019 23:54

Tgt Ion:276 Resp: 11627
Ion Ratio Lower Upper
276 100
138 24.0 17.0 25.4
277 25.5 20.4 30.6



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



Time-->

