

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
 Data File : BM030584.D
 Acq On : 24 Jun 2021 20:29
 Operator : CG/JU
 Sample : M2662-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD92

Quant Time: Jun 25 02:26:42 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SFAM-EPA-SIM-BM062321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 24 12:48:41 2021
 Response via : Initial Calibration

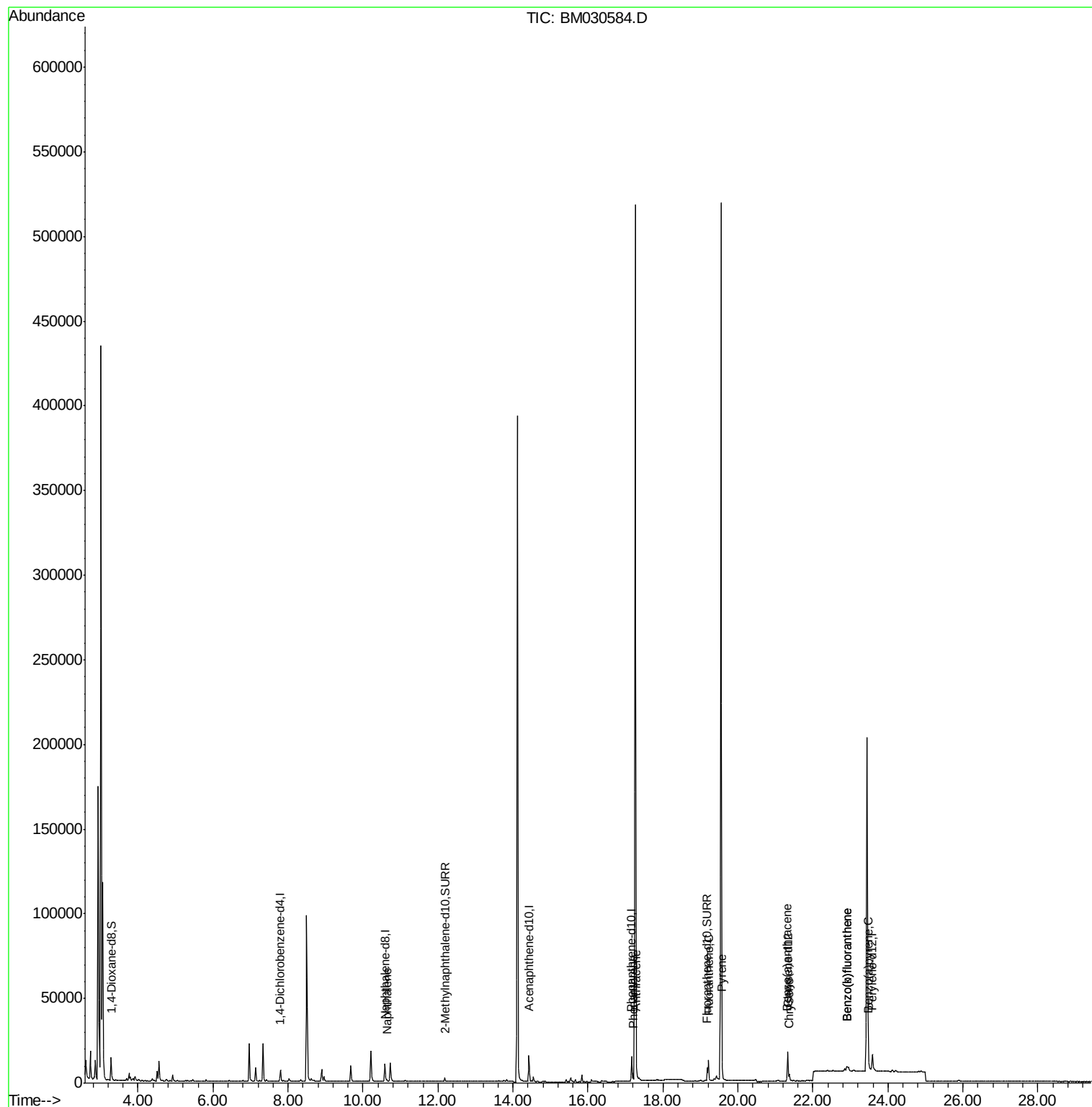
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3441	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	13886	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8487	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	17171	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	14896	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	14060	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	9283	2.52	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	3385	0.15	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	8503	0.19	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.63	128	1966	0.048	ng/ul#	87
15) Phenanthrene	17.20	178	4906	0.080	ng/ul#	92
16) Anthracene	17.29	178	1377	0.026	ng/ul#	70
19) Fluoranthene	19.21	202	10153	0.148	ng/ul	97
20) Pyrene	19.58	202	7270	0.104	ng/ul#	96
21) Benzo(a)anthracene	21.31	228	5091	0.086	ng/ul#	91
22) Chrysene	21.36	228	3831	0.058	ng/ul#	90
24) Benzo(b)fluoranthene	22.91	252	6492	0.106	ng/ul#	1
25) Benzo(k)fluoranthene	22.91	252	6492	0.101	ng/ul#	1
26) Benzo(a)pyrene	23.49	252	1427	0.026	ng/ul#	1

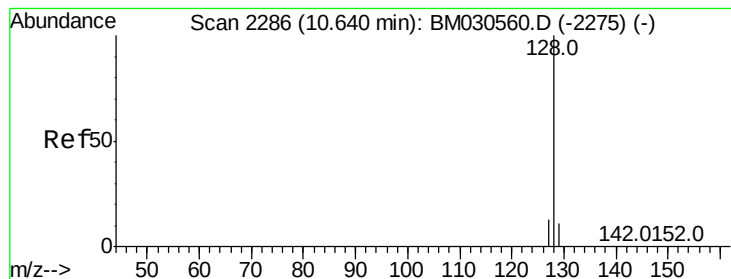
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 24 12:48:41 2021
Response via : Initial Calibration





#5

Naphthalene

Concen: 0.048 ng/ul

RT: 10.63 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

Instrument :

BNA_M

ClientSampleId :

BGD92

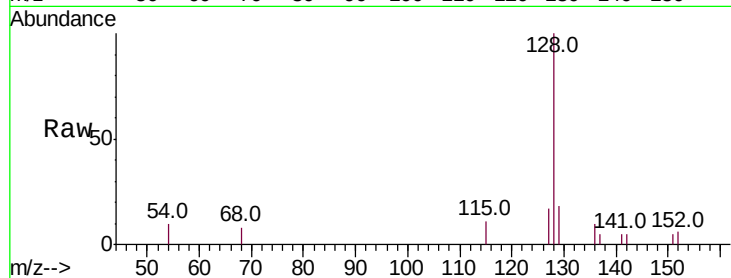
Tot Ion:128 Resp: 1966

Ion Ratio Lower Upper

128 100

129 18.1 9.0 13.6#

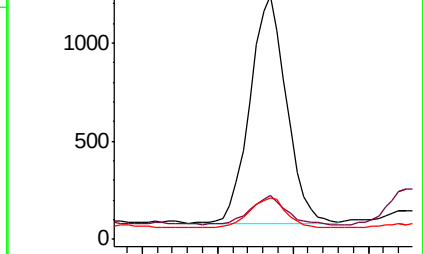
127 16.9 10.9 16.3#



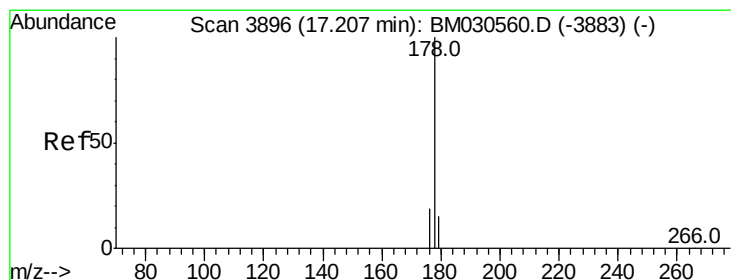
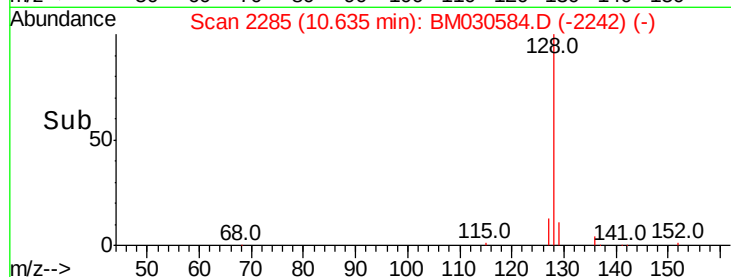
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#15

Phenanthrene

Concen: 0.080 ng/ul

RT: 17.20 min Scan# 3895

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

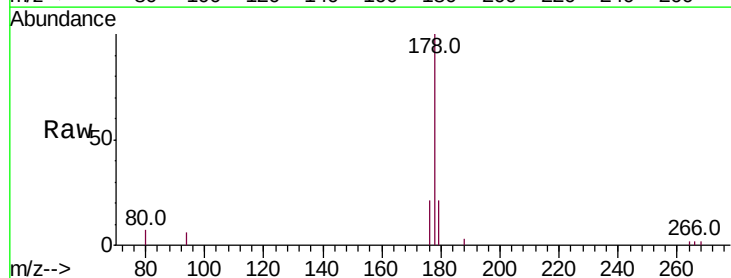
Tgt Ion:178 Resp: 4906

Ion Ratio Lower Upper

178 100

179 21.4 12.6 19.0#

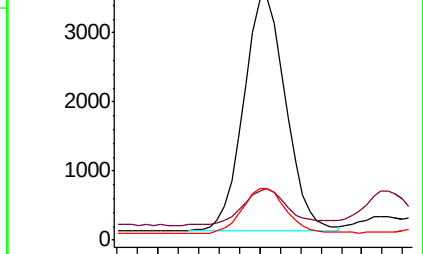
176 21.3 15.5 23.3



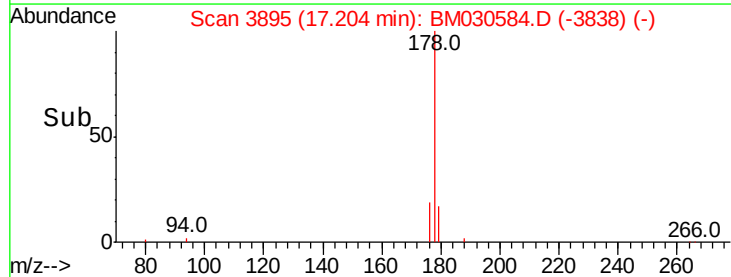
Abundance Ion 178.00 (177.70 to 178.70): E

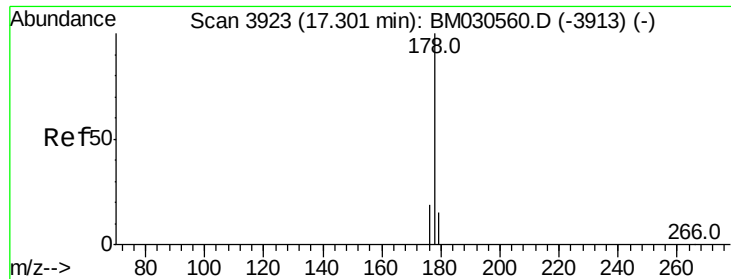
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->





#16

Anthracene

Concen: 0.026 ng/ul

RT: 17.29 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

Instrument :

BNA_M

ClientSampleId :

BGD92

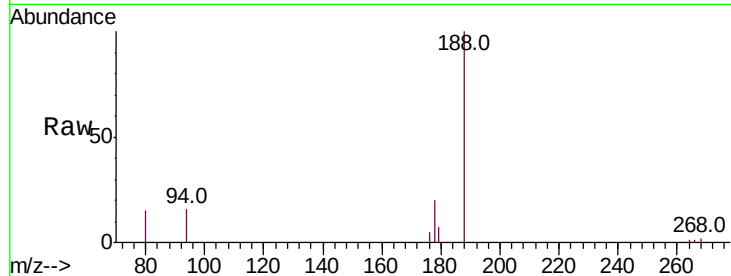
Tot Ion:178 Resp: 1377

Ion Ratio Lower Upper

178 100

179 35.9 12.7 19.1#

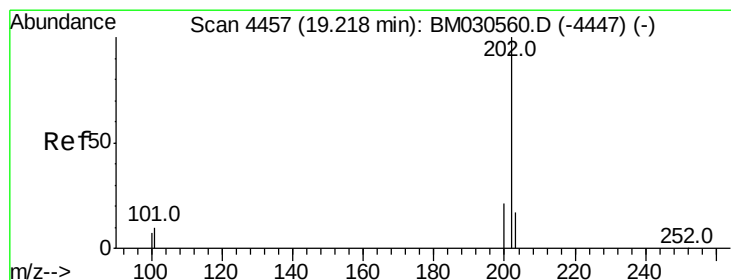
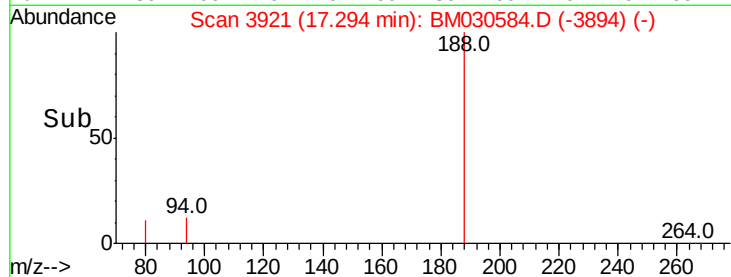
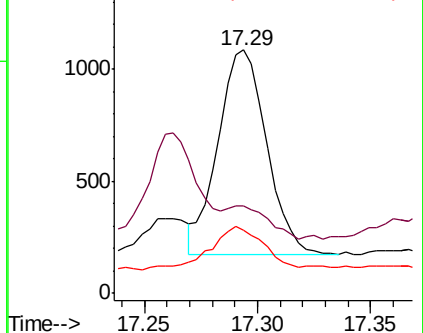
176 26.1 15.2 22.8#



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



#19

Fluoranthene

Concen: 0.148 ng/ul

RT: 19.21 min Scan# 4456

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

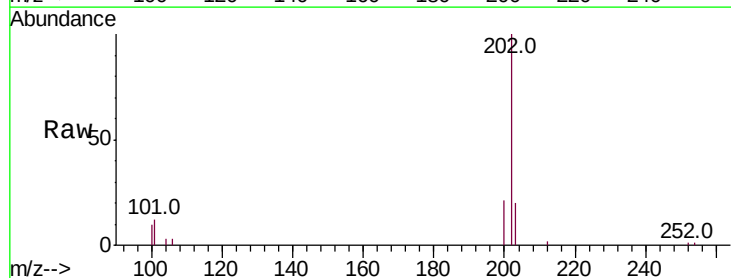
Tgt Ion:202 Resp: 10153

Ion Ratio Lower Upper

202 100

101 12.2 8.8 13.2

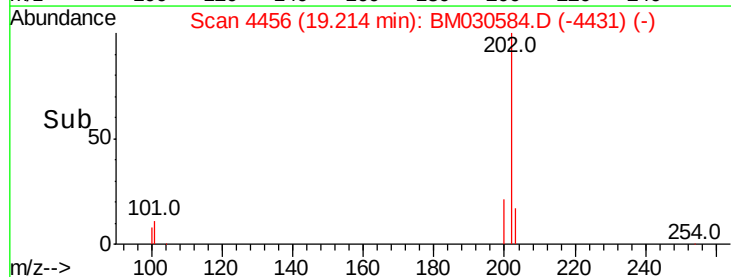
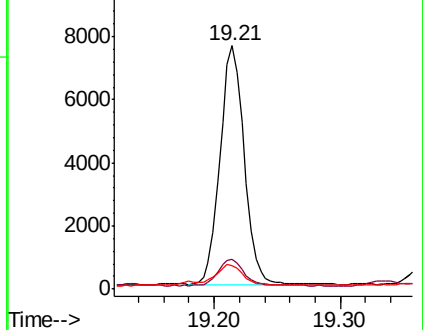
100 9.6 6.9 10.3

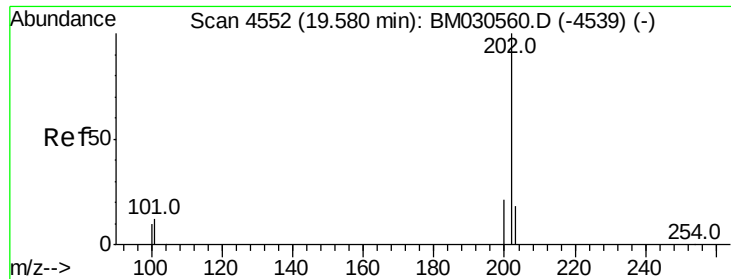


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

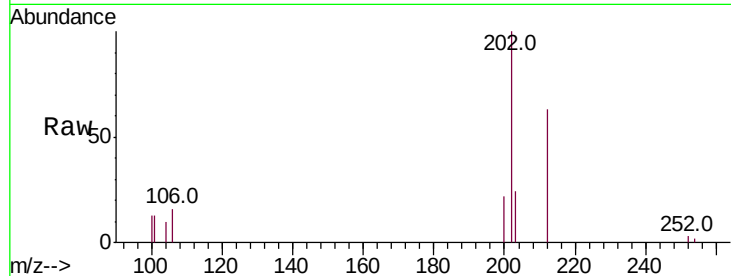




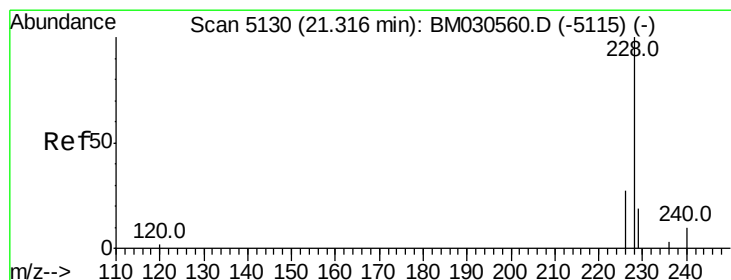
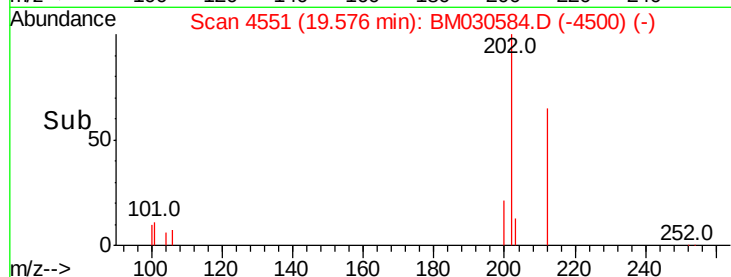
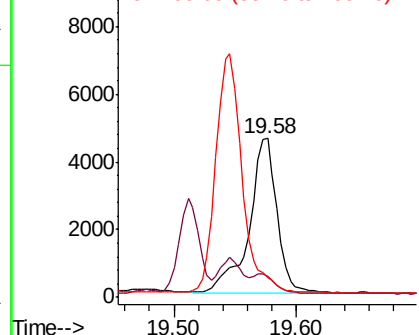
#20
Pvrene
Concen: 0.104 ng/ul
RT: 19.58 min Scan# 4551
Delta R.T. -0.00 min
Lab File: BM030584.D
Acq: 24 Jun 2021 20:29

Instrument :
BNA_M
ClientSampleId :
BGD92

Tot Ion:202 Resp: 7270
Ion Ratio Lower Upper
202 100
101 13.4 10.1 15.1
100 12.5 8.2 12.2#

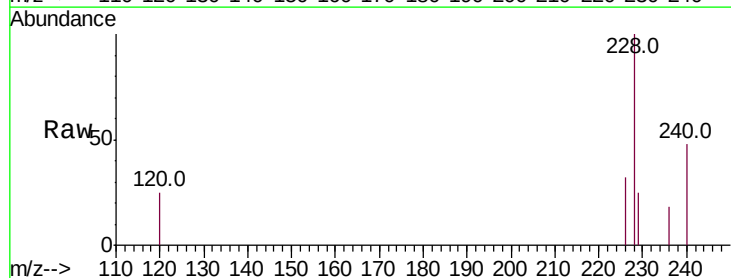


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

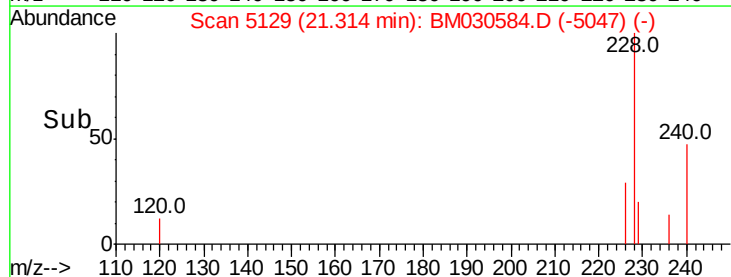
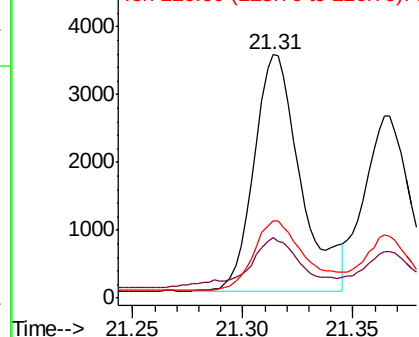


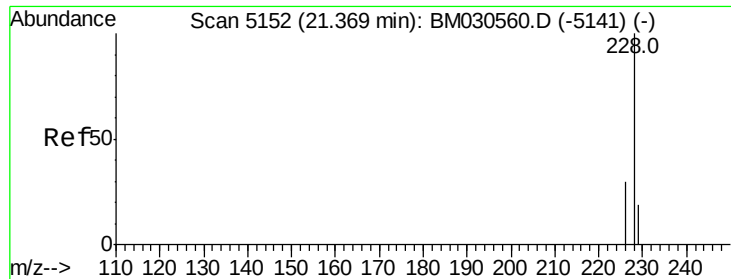
#21
Benzo(a)anthracene
Concen: 0.086 ng/ul
RT: 21.31 min Scan# 5129
Delta R.T. -0.00 min
Lab File: BM030584.D
Acq: 24 Jun 2021 20:29

Tgt Ion:228 Resp: 5091
Ion Ratio Lower Upper
228 100
229 24.6 15.8 23.6#
226 31.7 22.2 33.4



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





#22

Chrysene

Concen: 0.058 ng/ul

RT: 21.36 min Scan# 5150

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

Instrument :

BNA_M

ClientSampleId :

BGD92

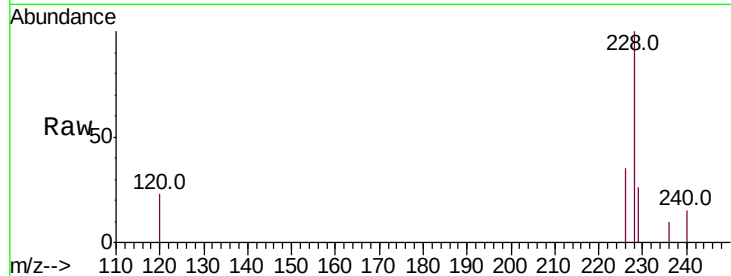
Tot Ion:228 Resp: 3831

Ion Ratio Lower Upper

228 100

226 34.6 24.4 36.6

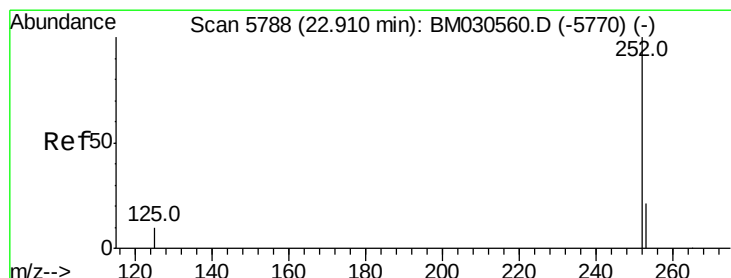
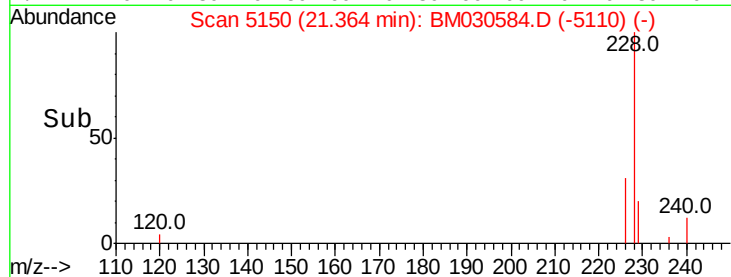
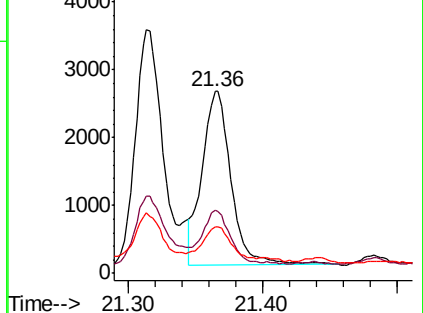
229 25.9 15.4 23.0#



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



#24

Benzo(b)fluoranthene

Concen: 0.106 ng/ul

RT: 22.91 min Scan# 5787

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

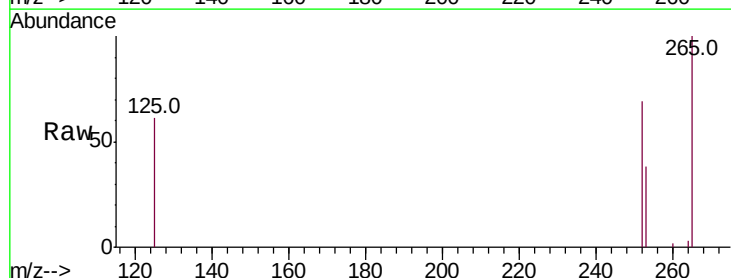
Tgt Ion:252 Resp: 6492

Ion Ratio Lower Upper

252 100

253 55.3 0.0 50.2#

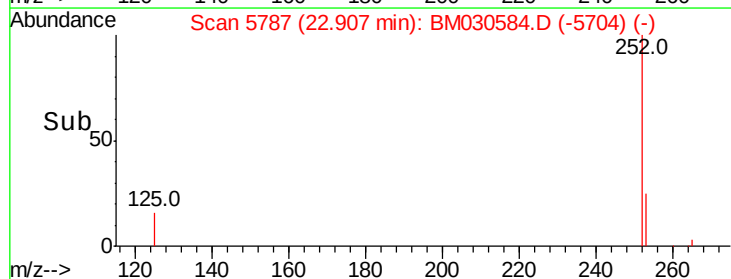
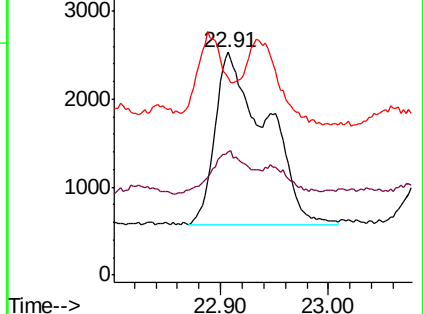
125 88.9 0.0 27.8#

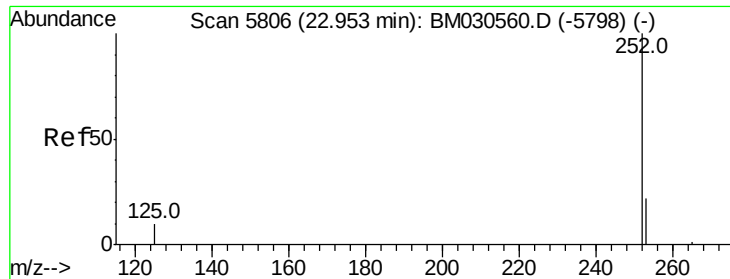


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 0.101 ng/ul

RT: 22.91 min Scan# 5787

Delta R.T. -0.05 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

Instrument :

BNA_M

ClientSampleId :

BGD92

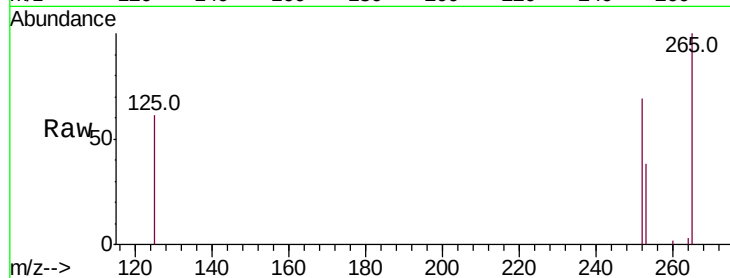
Tot Ion:252 Resp: 6492

Ion Ratio Lower Upper

252 100

253 55.3 20.6 31.0#

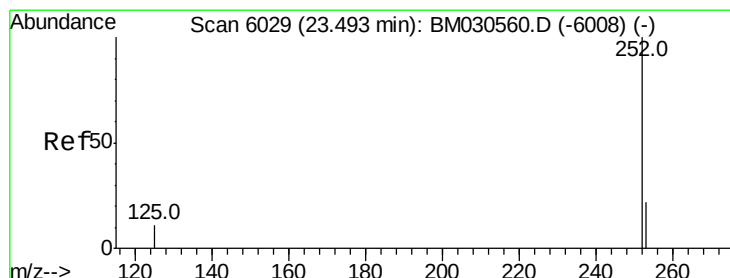
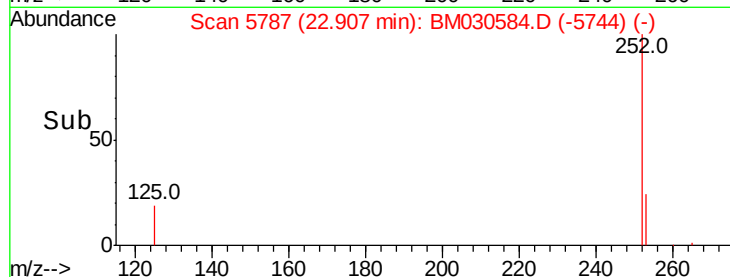
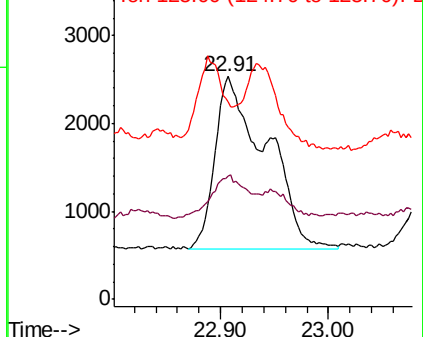
125 88.9 11.0 16.4#



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



#26

Benzo(a)pyrene

Concen: 0.026 ng/ul

RT: 23.49 min Scan# 6027

Delta R.T. -0.00 min

Lab File: BM030584.D

Acq: 24 Jun 2021 20:29

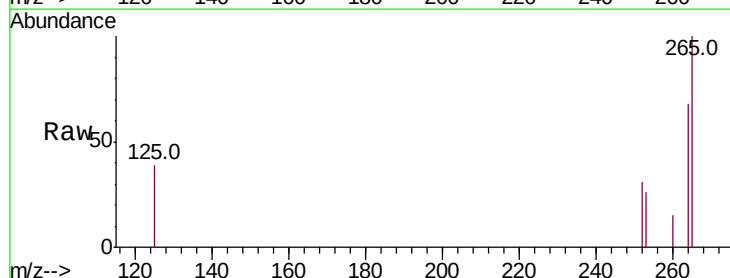
Tgt Ion:252 Resp: 1427

Ion Ratio Lower Upper

252 100

253 84.5 22.0 33.0#

125 124.3 13.4 20.2#



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

