

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
 Data File : BM030581.D
 Acq On : 24 Jun 2021 18:39
 Operator : CG/JU
 Sample : M2662-13
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDH5

Quant Time: Jun 25 02:26:25 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

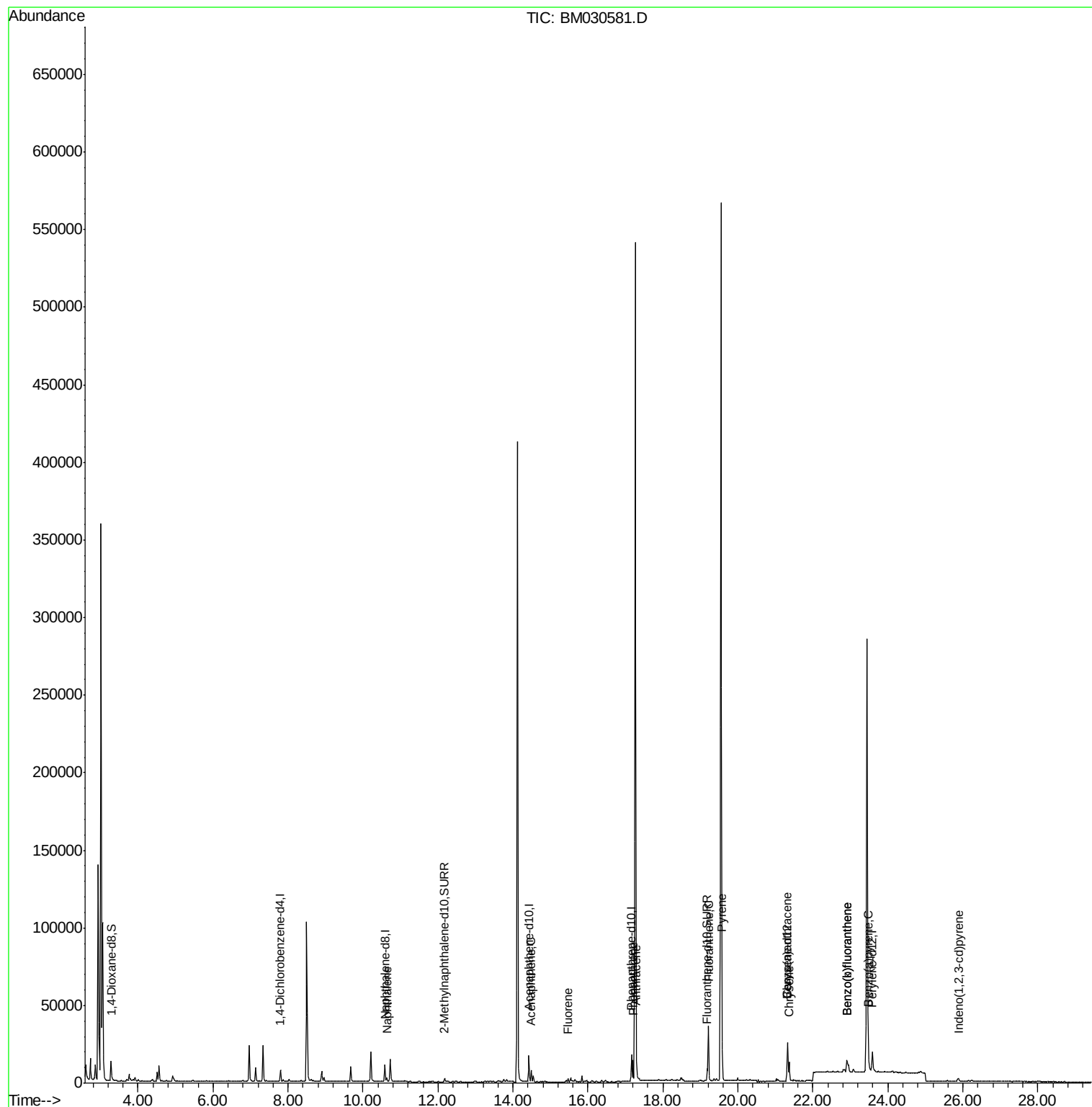
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3819	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	15502	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	9589	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	19501	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	17821	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	17948	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	8904	2.18	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	3529	0.14	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	8499	0.16	ng/ul	0.00
Target Compounds				Ovalue		
5) Naphthalene	10.64	128	3404	0.074	ng/ul#	94
11) Acenaphthene	14.49	153	4246	0.116	ng/ul	99
12) Fluorene	15.47	166	1213	0.030	ng/ul#	95
15) Phenanthrene	17.20	178	14414	0.208	ng/ul	98
16) Anthracene	17.29	178	6419	0.106	ng/ul#	94
19) Fluoranthene	19.21	202	29807	0.364	ng/ul	100
20) Pyrene	19.57	202	20663	0.246	ng/ul	97
21) Benzo(a)anthracene	21.31	228	13921	0.197	ng/ul	95
22) Chrysene	21.36	228	11774	0.150	ng/ul	96
24) Benzo(b)fluoranthene	22.91	252	18776	0.240	ng/ul#	65
25) Benzo(k)fluoranthene	22.91	252	18762	0.229	ng/ul#	66
26) Benzo(a)pyrene	23.49	252	4757	0.069	ng/ul#	32
27) Indeno(1,2,3-cd)pyrene	25.88	276	3089	0.035	ng/ul#	98

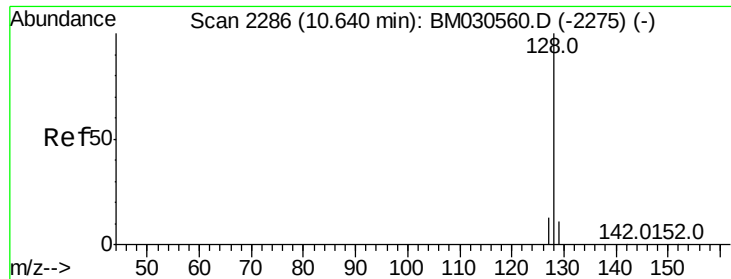
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Naphthalene

Concen: 0.074 ng/ul

RT: 10.64 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

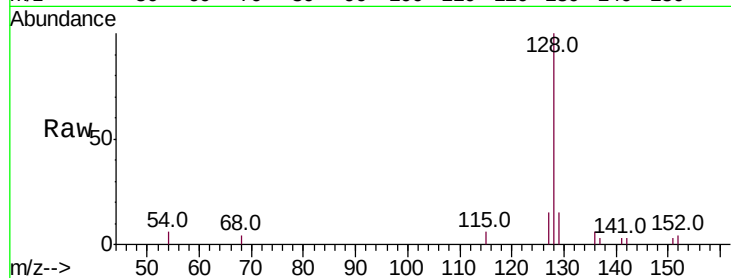
Tot Ion:128 Resp: 3404

Ion Ratio Lower Upper

128 100

129 14.8 9.0 13.6#

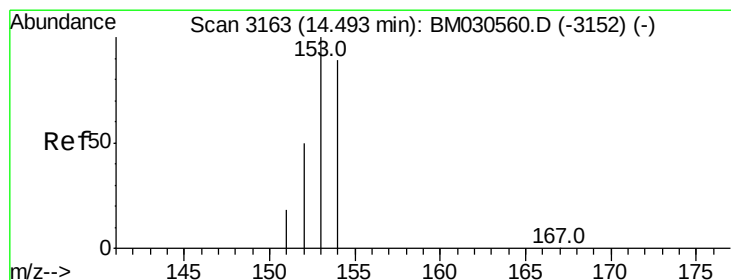
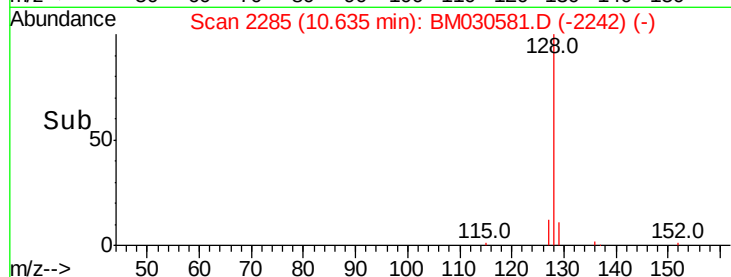
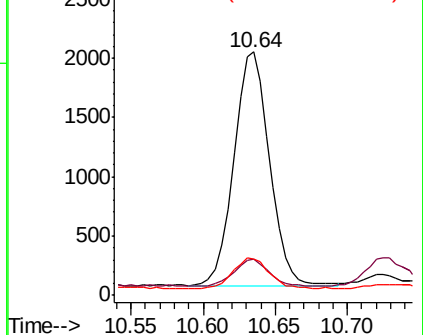
127 14.8 10.9 16.3



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



#11

Acenaphthene

Concen: 0.116 ng/ul

RT: 14.49 min Scan# 3162

Delta R.T. 0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

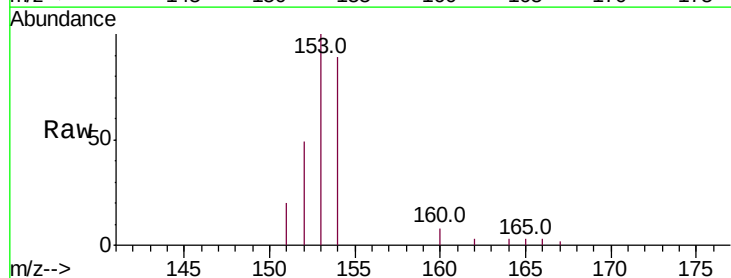
Tgt Ion:153 Resp: 4246

Ion Ratio Lower Upper

153 100

152 49.2 40.2 60.2

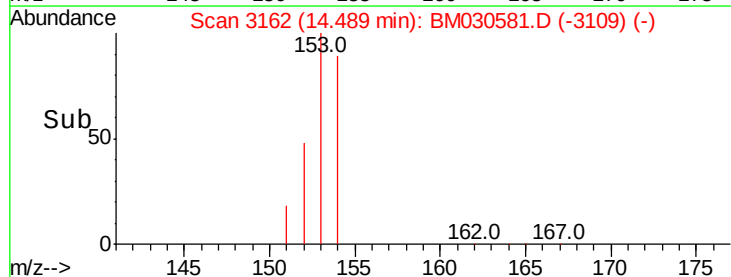
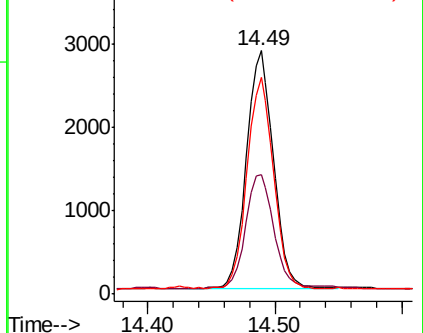
154 89.2 71.2 106.8

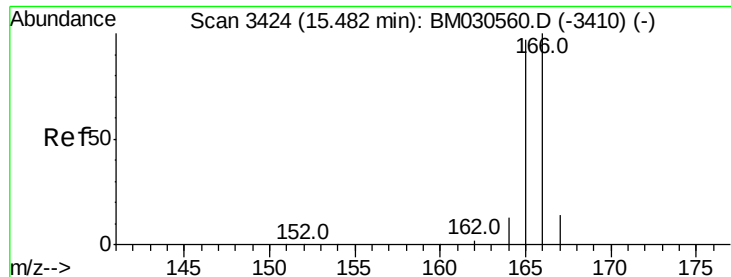


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#12

Fluorene

Concen: 0.030 ng/ul

RT: 15.47 min Scan# 3422

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

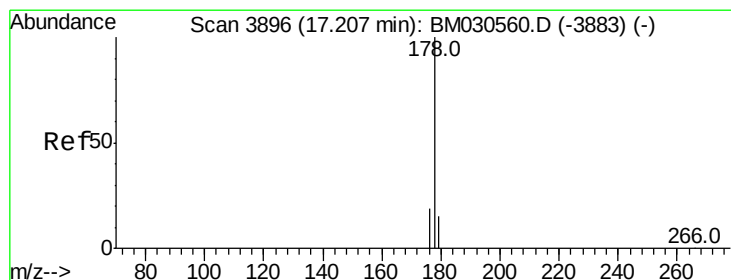
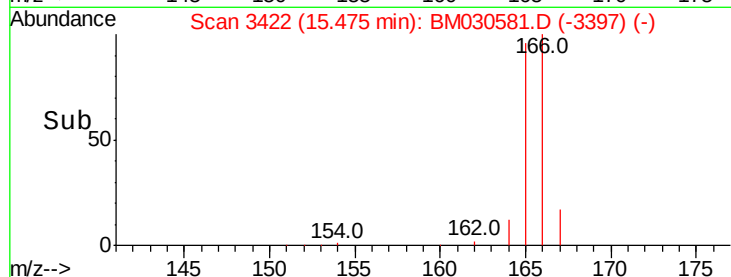
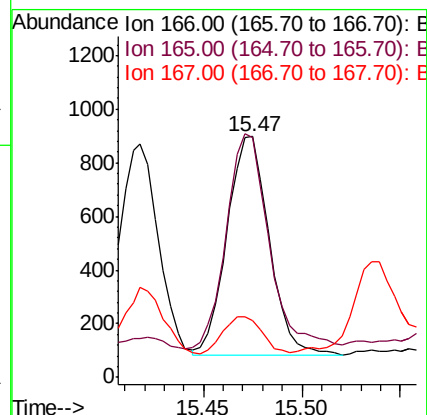
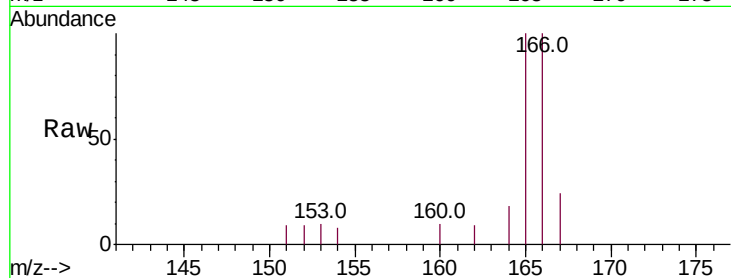
Tot Ion:166 Resp: 1213

Ion Ratio Lower Upper

166 100

165 99.6 77.7 116.5

167 23.7 11.3 16.9#



#15

Phenanthrene

Concen: 0.208 ng/ul

RT: 17.20 min Scan# 3895

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

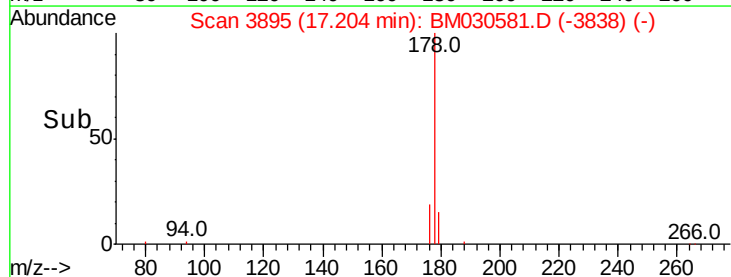
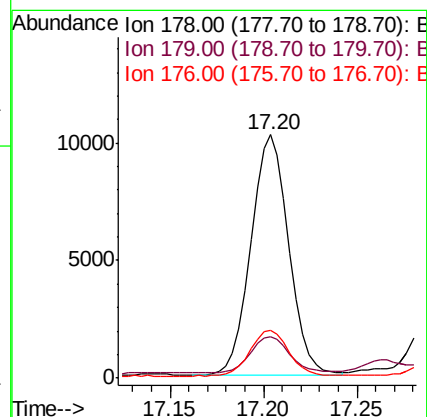
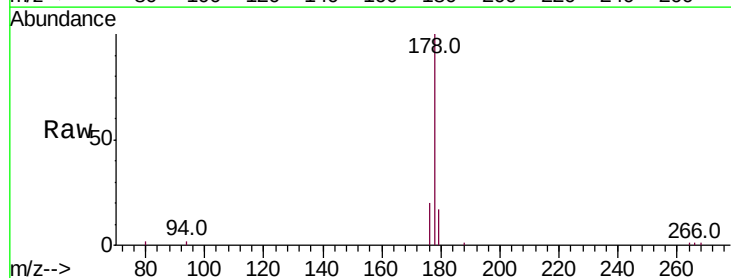
Tgt Ion:178 Resp: 14414

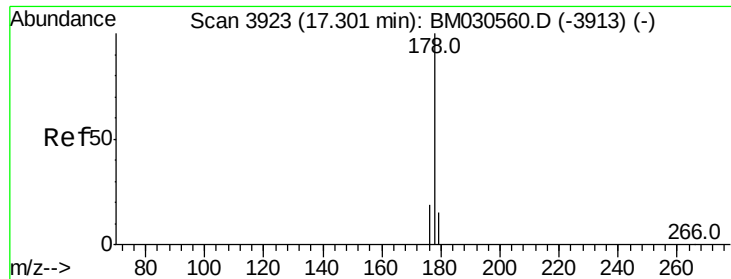
Ion Ratio Lower Upper

178 100

179 17.2 12.6 19.0

176 19.5 15.5 23.3





#16

Anthracene

Concen: 0.106 ng/ul

RT: 17.29 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

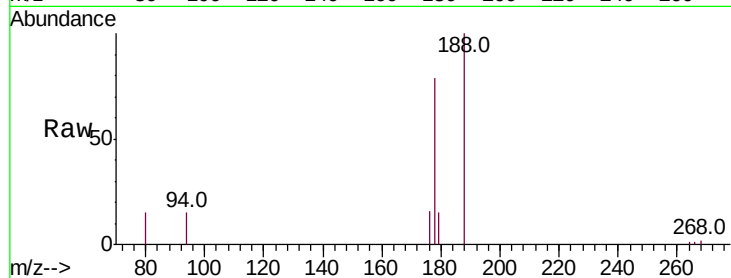
Tot Ion:178 Resp: 6419

Ion Ratio Lower Upper

178 100

179 19.6 12.7 19.1#

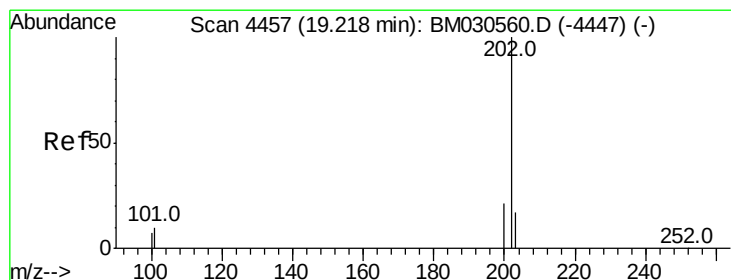
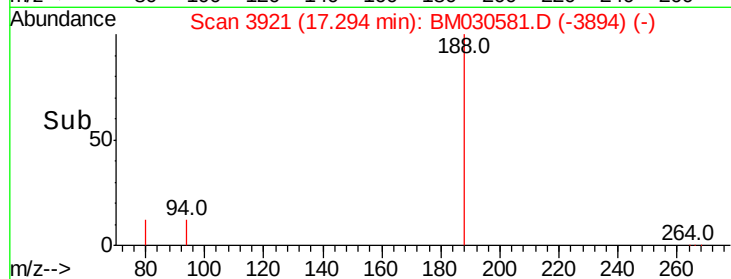
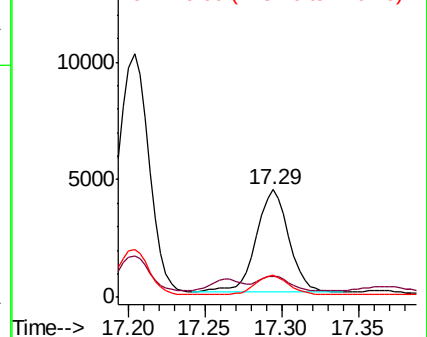
176 20.3 15.2 22.8



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: 0.364 ng/ul

RT: 19.21 min Scan# 4456

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

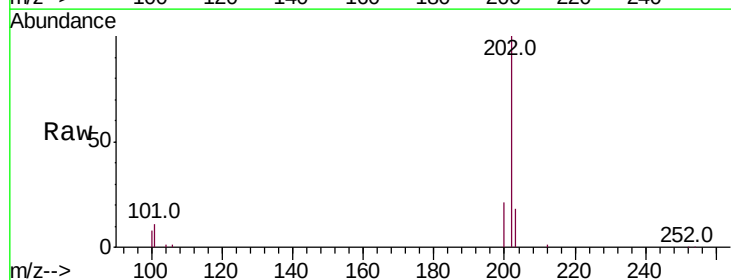
Tgt Ion:202 Resp: 29807

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

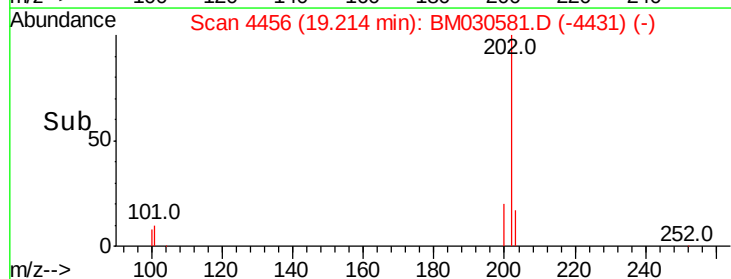
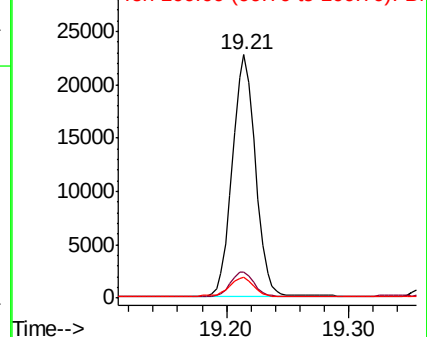
100 8.4 6.9 10.3

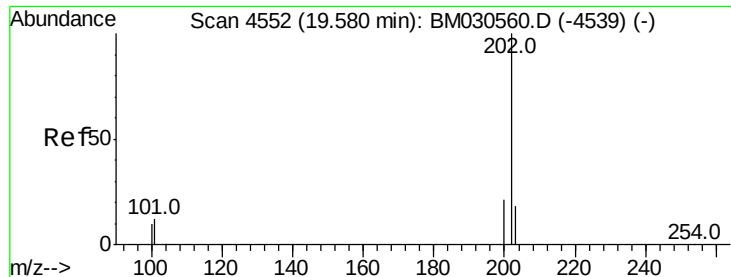


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#20

Pvrene

Concen: 0.246 ng/ul

RT: 19.57 min Scan# 4550

Delta R.T. -0.01 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

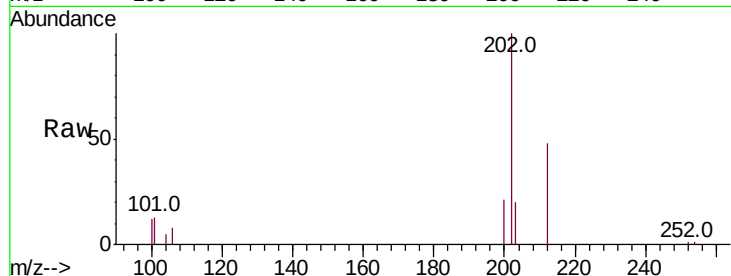
Tot Ion:202 Resp: 20663

Ion Ratio Lower Upper

202 100

101 13.2 10.1 15.1

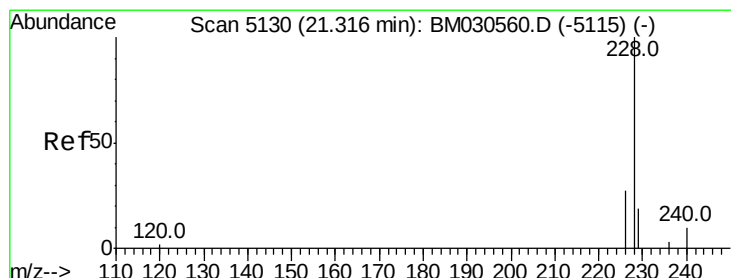
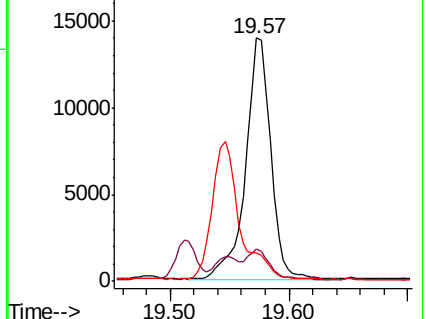
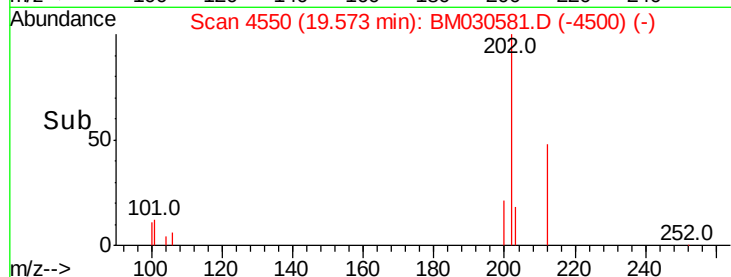
100 11.9 8.2 12.2



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: 0.197 ng/ul

RT: 21.31 min Scan# 5129

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

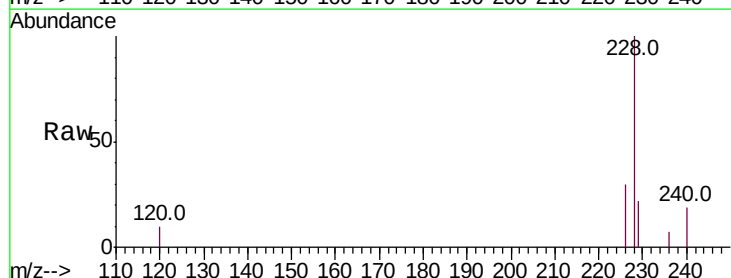
Tgt Ion:228 Resp: 13921

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

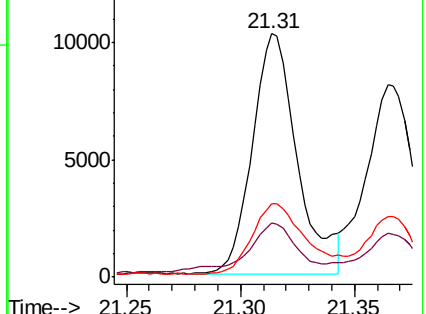
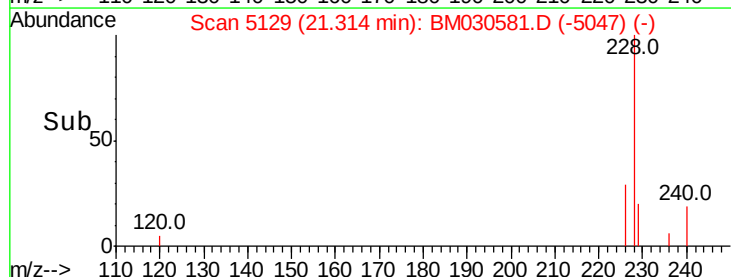
226 30.1 22.2 33.4

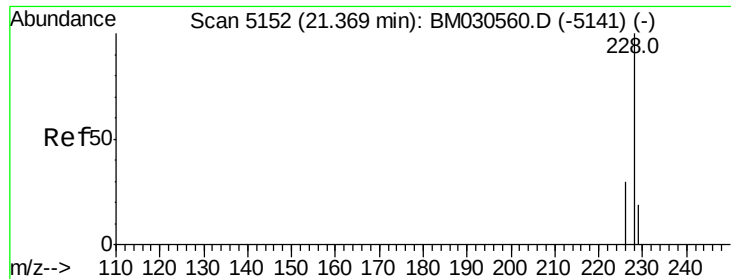


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#22

Chrysene

Concen: 0.150 ng/ul

RT: 21.36 min Scan# 5150

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

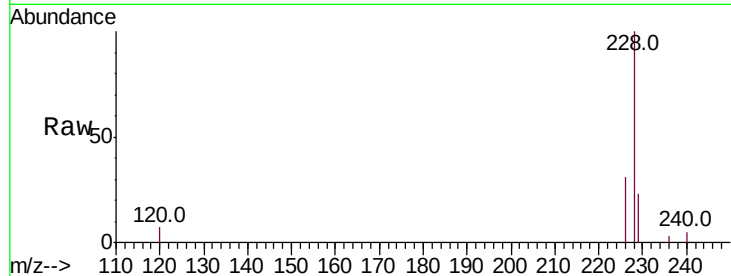
Tot Ion:228 Resp: 11774

Ion Ratio Lower Upper

228 100

226 31.2 24.4 36.6

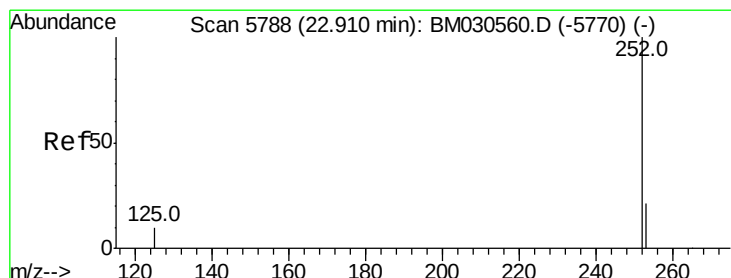
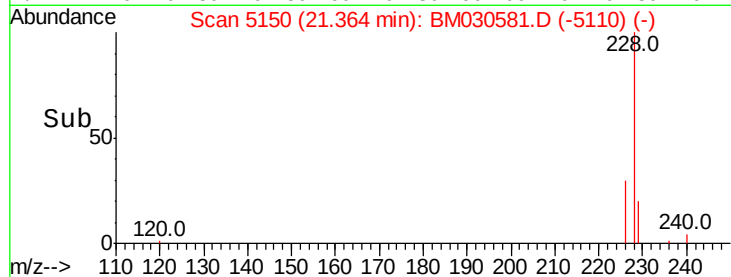
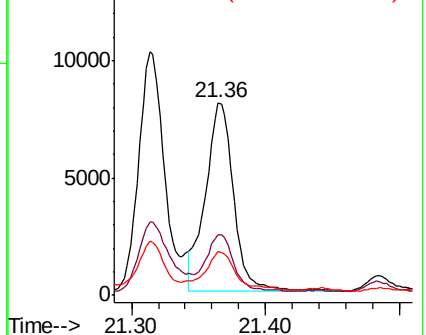
229 22.6 15.4 23.0



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: 0.240 ng/ul

RT: 22.91 min Scan# 5788

Delta R.T. 0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

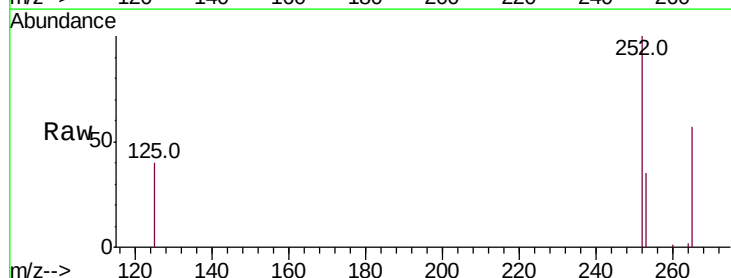
Tgt Ion:252 Resp: 18776

Ion Ratio Lower Upper

252 100

253 35.2 0.0 50.2

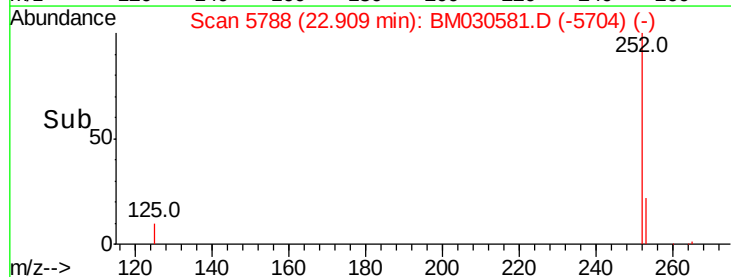
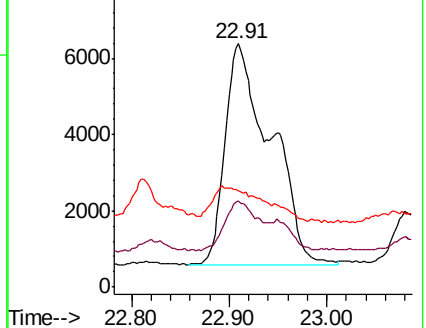
125 39.5 0.0 27.8#

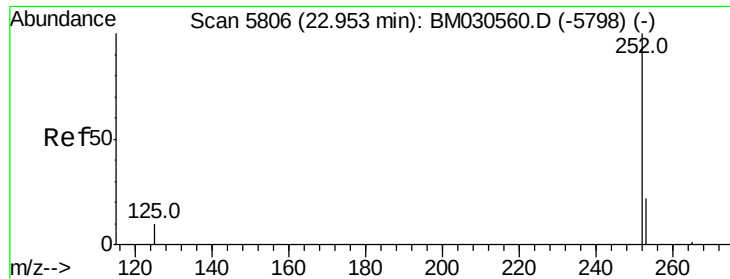


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#25

Benzo(k)fluoranthene

Concen: 0.229 ng/ul

RT: 22.91 min Scan# 5788

Delta R.T. -0.04 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

Instrument :

BNA_M

ClientSampleId :

BGDH5

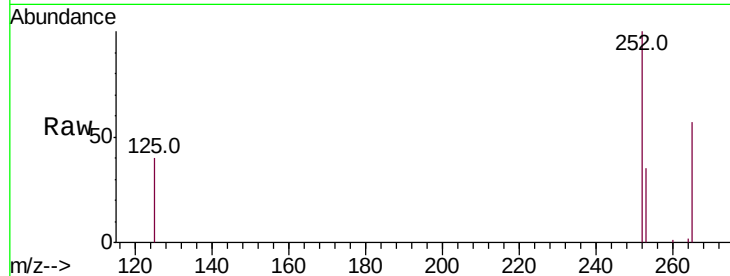
Tot Ion:252 Resp: 18762

Ion Ratio Lower Upper

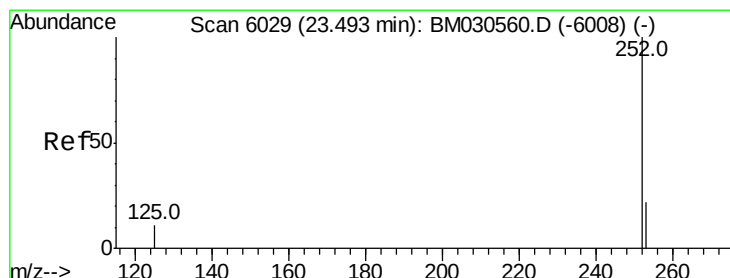
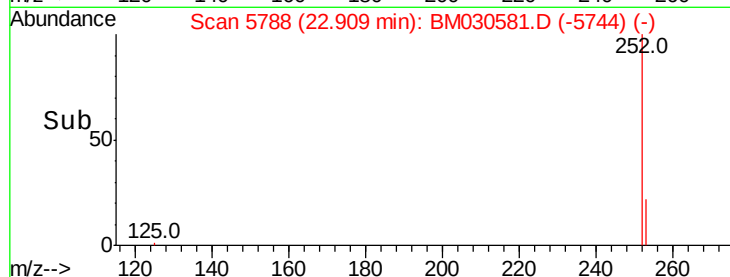
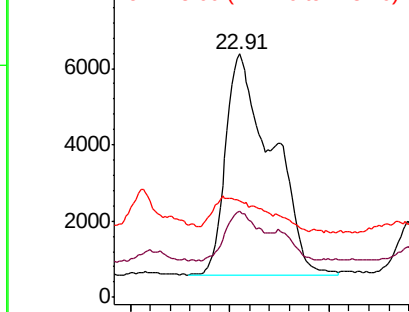
252 100

253 35.2 20.6 31.0#

125 39.5 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: 0.069 ng/ul

RT: 23.49 min Scan# 6026

Delta R.T. -0.00 min

Lab File: BM030581.D

Acq: 24 Jun 2021 18:39

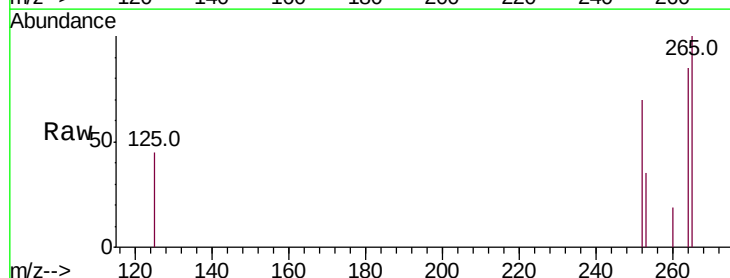
Tgt Ion:252 Resp: 4757

Ion Ratio Lower Upper

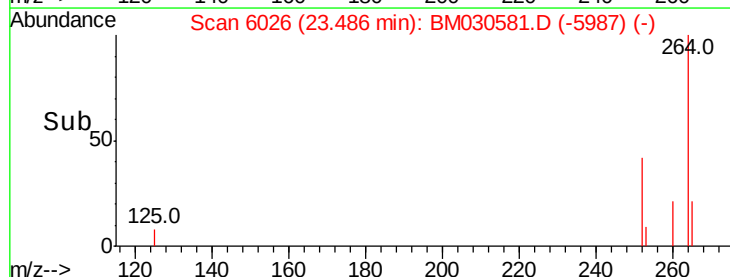
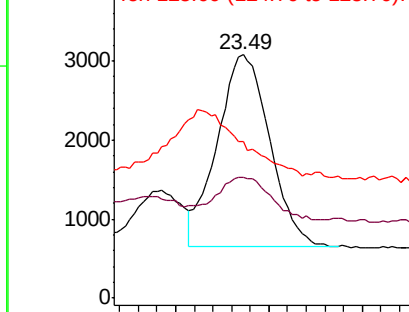
252 100

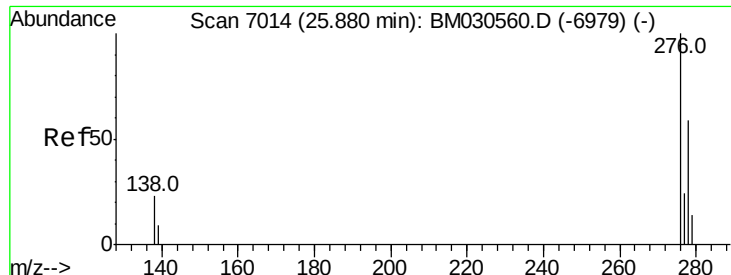
253 49.3 22.0 33.0#

125 64.2 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





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.035 ng/ul

RT: 25.88 min Scan# 7013

Delta R.T. 0.00 min

Lab File: BM030581.D

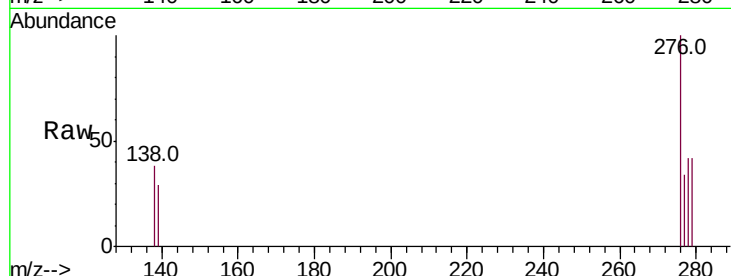
Acq: 24 Jun 2021 18:39

Instrument :

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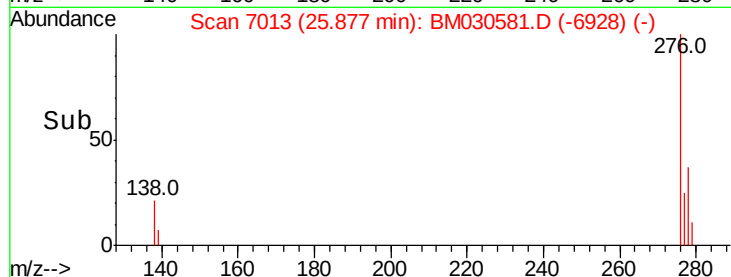
Tot Ion:276 Resp: 3089

Ion Ratio Lower Upper

276 100

138 22.7 19.1 28.7

227 0.0 0.0 0.0



Abundance Ion 276.00 (275.70 to 276.70): E

1500 Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

