

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062421\
 Data File : BM030583.D
 Acq On : 24 Jun 2021 19:52
 Operator : CG/JU
 Sample : M2662-18
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGDE7

Quant Time: Jun 25 02:26:38 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

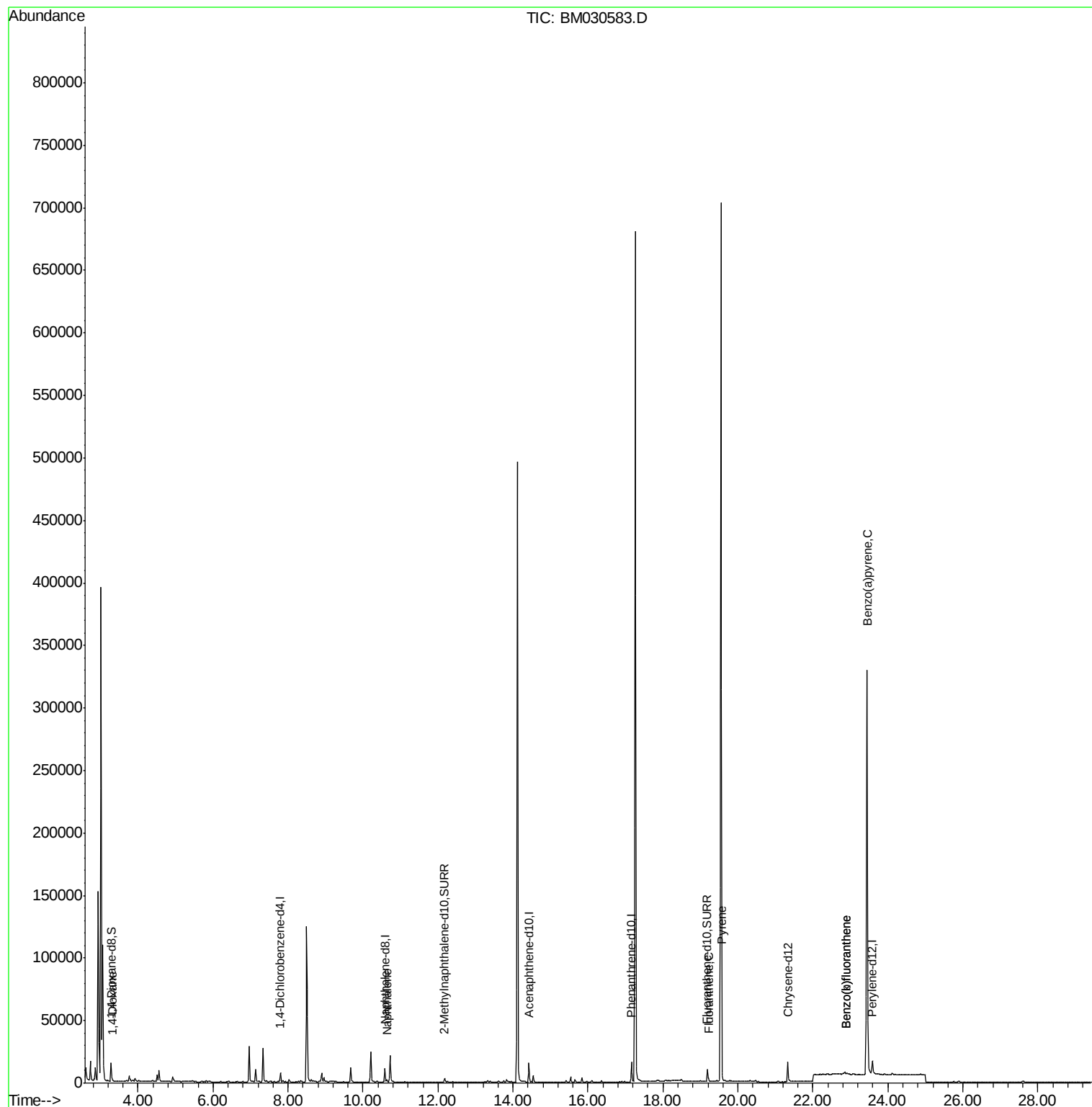
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	3561	0.40	ng/ul	0.00
4) Naphthalene-d8	10.59	136	14415	0.40	ng/ul	0.00
9) Acenaphthene-d10	14.42	164	8871	0.40	ng/ul	0.00
13) Phenanthrene-d10	17.16	188	18023	0.40	ng/ul	0.00
17) Chrysene-d12	21.33	240	15578	0.40	ng/ul	0.00
23) Perylene-d12	23.59	264	15251	0.40	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	9799	2.57	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.18	152	4100	0.18	ng/ul	0.00
18) Fluoranthene-d10	19.18	212	11025	0.23	ng/ul	0.00
Target Compounds				Ovalue		
2) 1,4-Dioxane	3.32	88	109	0.027	ng/ul#	37
5) Naphthalene	10.63	128	2432	0.057	ng/ul#	92
19) Fluoranthene	19.21	202	2281	0.032	ng/ul#	74
20) Pyrene	19.57	202	1679	0.023	ng/ul#	65
24) Benzo(b)fluoranthene	22.91	252	1654	0.025	ng/ul#	1
25) Benzo(k)fluoranthene	22.91	252	1654	0.024	ng/ul#	1
26) Benzo(a)pyrene	23.44	252	2212	0.038	ng/ul#	1

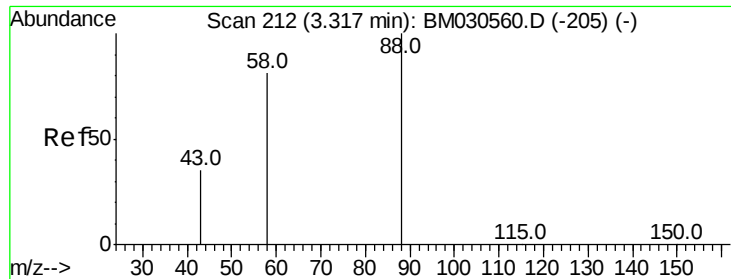
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

1,4-Dioxane

Concen: 0.027 ng/ul

RT: 3.32 min Scan# 213

Delta R.T. 0.00 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

Instrument :

BNA_M

ClientSampleId :

BGDE7

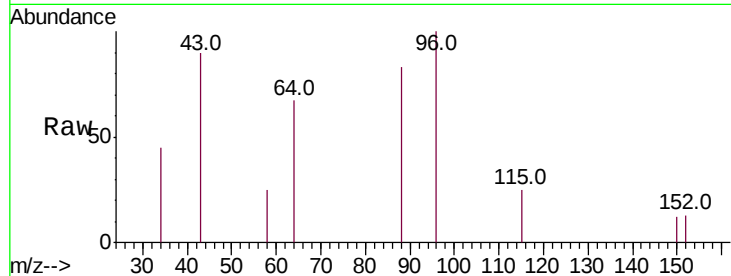
Tot Ion: 88 Resp: 109

Ion Ratio Lower Upper

88 100

43 108.5 37.7 56.5#

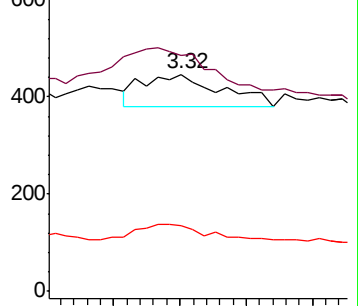
58 30.0 48.5 72.7#



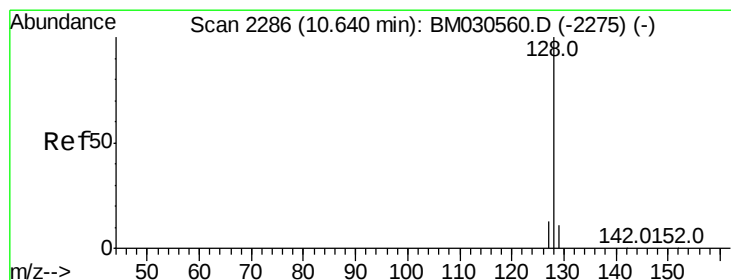
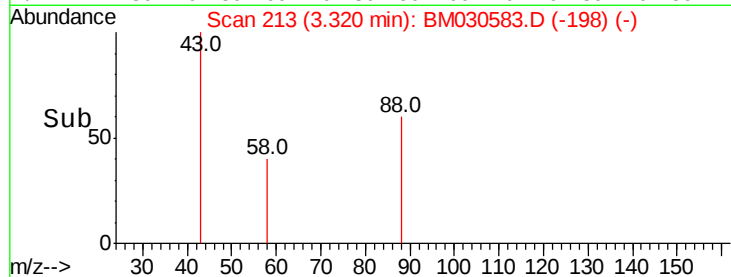
Abundance Ion 88.00 (87.70 to 88.70): BM030560.D (-205) (-)

Ion 43.00 (42.70 to 43.70): BM030560.D (-205) (-)

Ion 58.00 (57.70 to 58.70): BM030560.D (-205) (-)



Time-->



#5

Naphthalene

Concen: 0.057 ng/ul

RT: 10.63 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

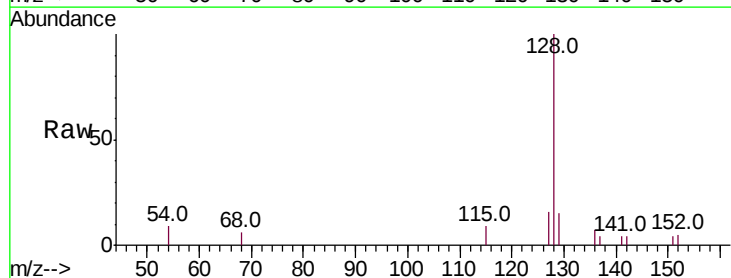
Tgt Ion: 128 Resp: 2432

Ion Ratio Lower Upper

128 100

129 15.1 9.0 13.6#

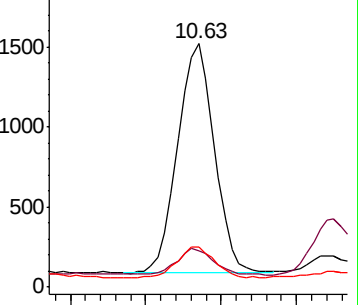
127 16.3 10.9 16.3



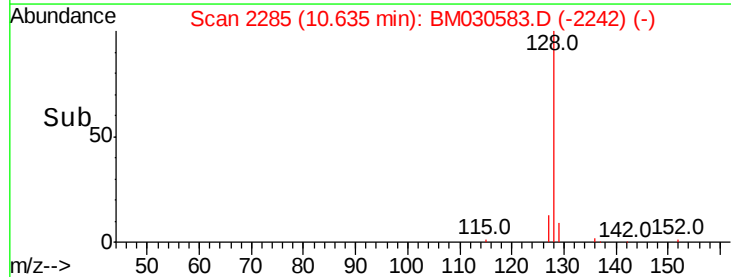
Abundance Ion 128.00 (127.70 to 128.70): BM030560.D (-2275) (-)

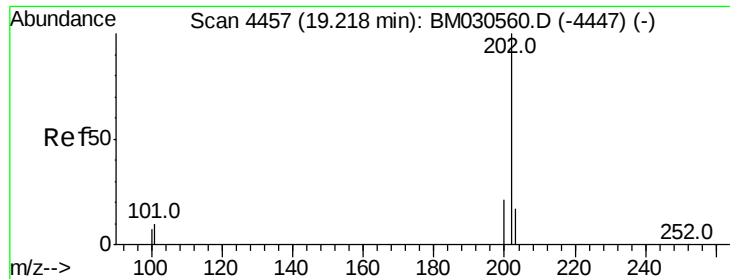
Ion 129.00 (128.70 to 129.70): BM030560.D (-2275) (-)

Ion 127.00 (126.70 to 127.70): BM030560.D (-2275) (-)



Time-->





#19

Fluoranthene

Concen: 0.032 ng/ul

RT: 19.21 min Scan# 4456

Delta R.T. -0.00 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

Instrument :

BNA_M

ClientSampleId :

BGDE7

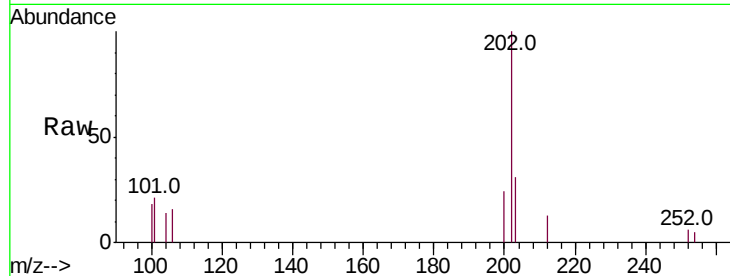
Tot Ion:202 Resp: 2281

Ion Ratio Lower Upper

202 100

101 20.7 8.8 13.2#

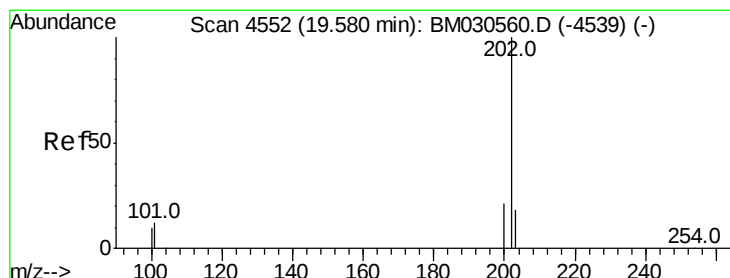
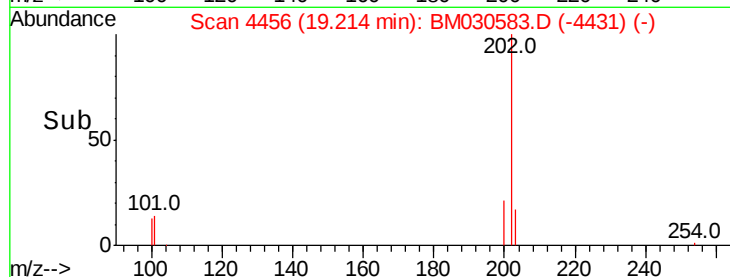
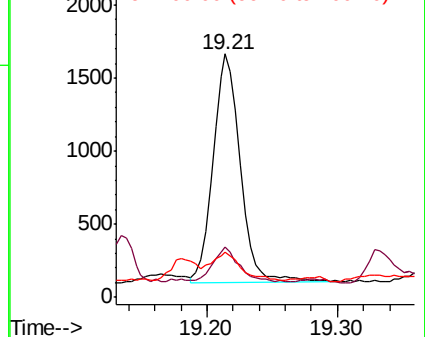
100 18.3 6.9 10.3#



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): B



#20

Pyrene

Concen: 0.023 ng/ul

RT: 19.57 min Scan# 4550

Delta R.T. -0.01 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

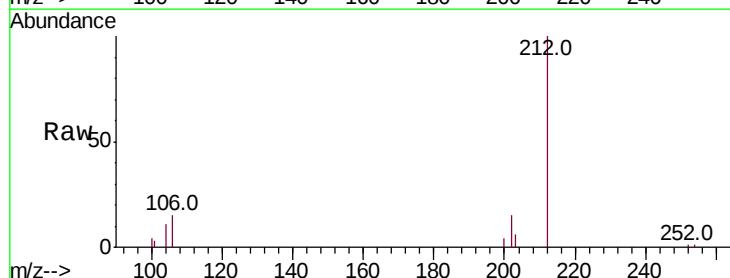
Tgt Ion:202 Resp: 1679

Ion Ratio Lower Upper

202 100

101 22.0 10.1 15.1#

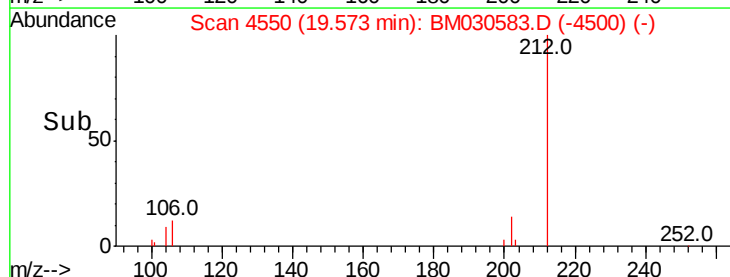
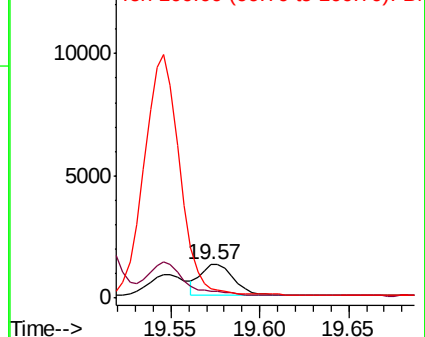
100 28.6 8.2 12.2#

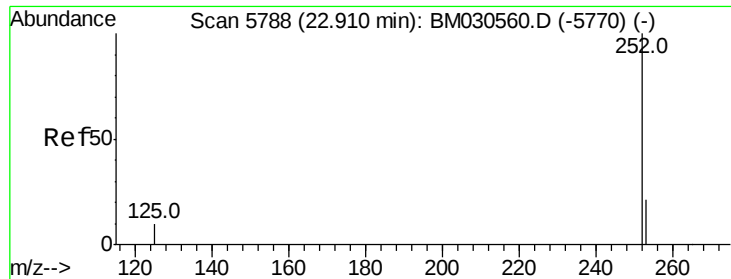


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#24

Benzo(b)fluoranthene

Concen: 0.025 ng/ul

RT: 22.91 min Scan# 5788

Delta R.T. 0.00 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

Instrument :

BNA_M

ClientSampleId :

BGDE7

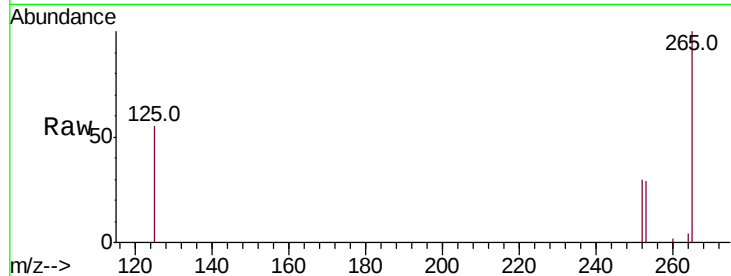
Tot Ion:252 Resp: 1654

Ion Ratio Lower Upper

252 100

253 96.7 0.0 50.2#

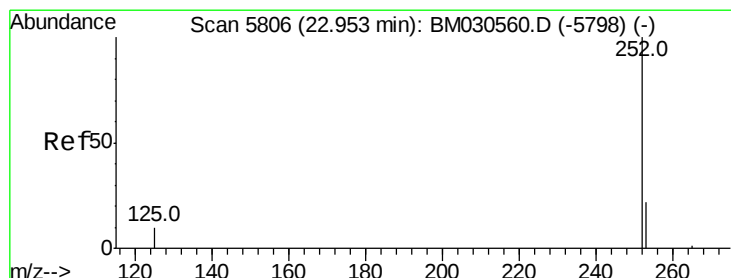
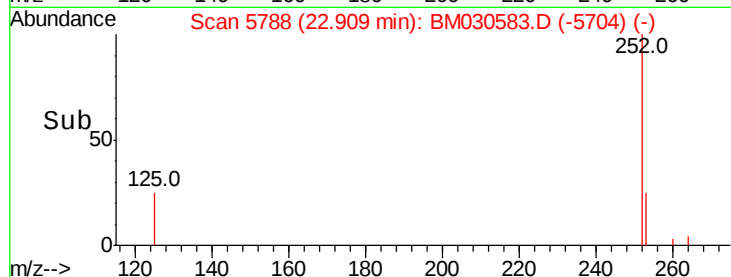
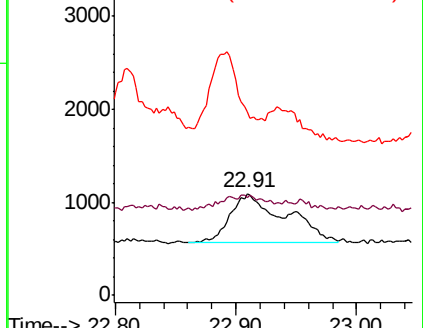
125 181.3 0.0 27.8#



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: 0.024 ng/ul

RT: 22.91 min Scan# 5788

Delta R.T. -0.04 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

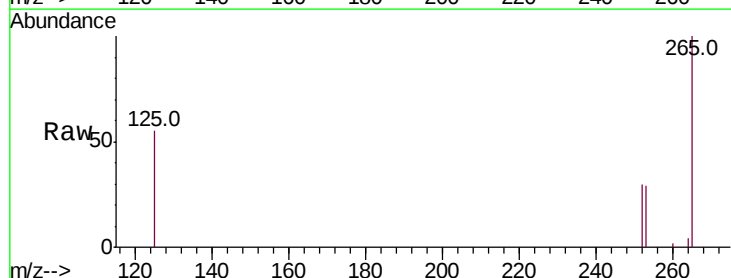
Tgt Ion:252 Resp: 1654

Ion Ratio Lower Upper

252 100

253 96.7 20.6 31.0#

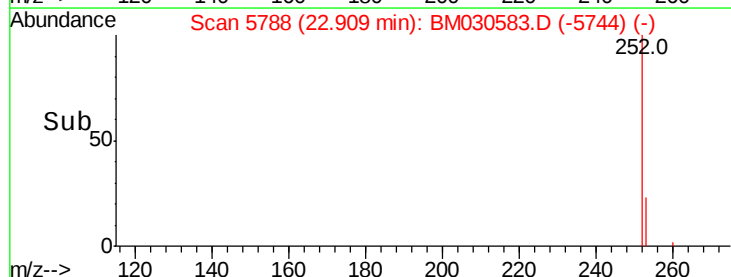
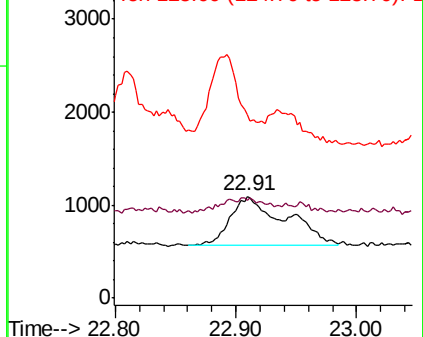
125 181.3 11.0 16.4#

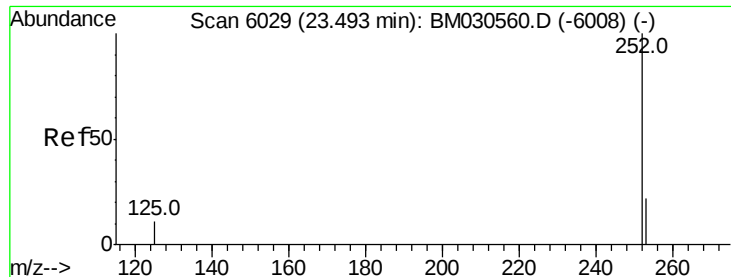


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 0.038 ng/ul

RT: 23.44 min Scan# 6008

Delta R.T. -0.05 min

Lab File: BM030583.D

Acq: 24 Jun 2021 19:52

Instrument :

BNA_M

ClientSampleId :

BGDE7

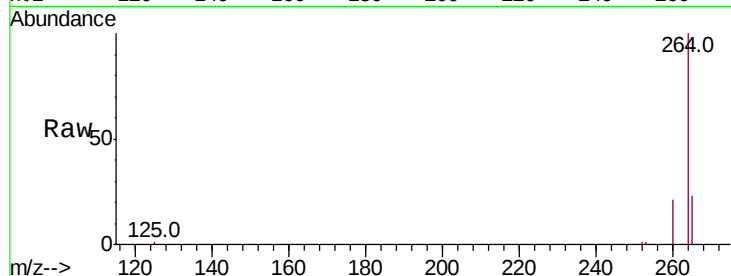
Tot Ion: 252 Resp: 2212

Ion Ratio Lower Upper

252 100

253 84.2 22.0 33.0#

125 131.5 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

