

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070524\
 Data File : BP020827.D
 Acq On : 06 Jul 2024 19:47
 Operator : MA/JU
 Sample : P3010-13
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B66

Quant Time: Jul 07 23:37:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 15:01:56 2024
 Response via : Initial Calibration

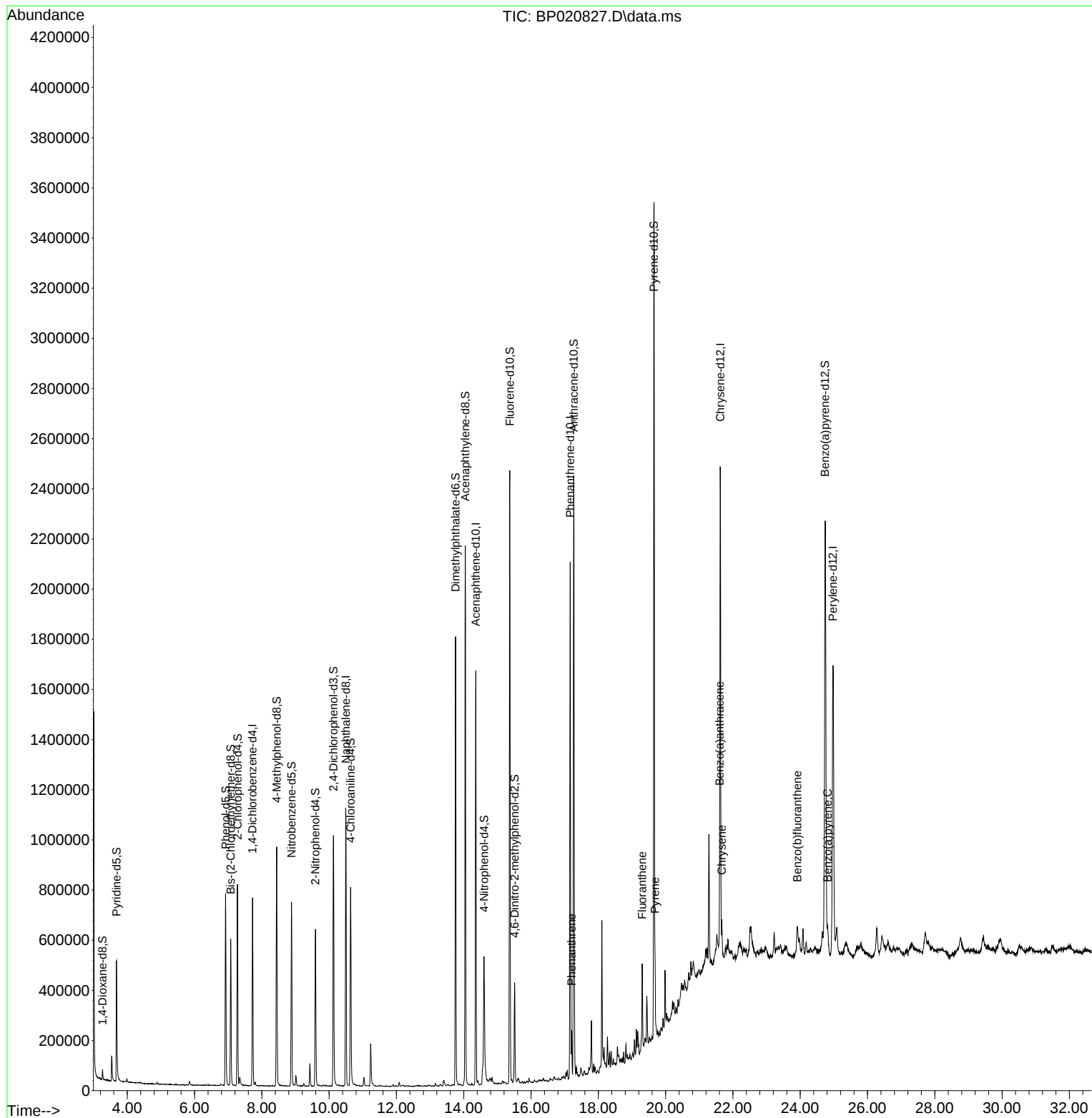
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	212201	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.493	136	871405	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	580704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	1214923	20.000	ng/u1	0.00
79) Chrysene-d12	21.622	240	1128714	20.000	ng/u1	0.00
88) Perylene-d12	24.974	264	1292794	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	17508	3.543	ng/uL	0.00
4) Pyridine-d5	3.681	84	262400	18.220	ng/u1	0.00
7) Phenol-d5	6.922	99	443318	25.472	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.075	67	258109	23.393	ng/u1	0.00
11) 2-Chlorophenol-d4	7.275	132	364819	25.648	ng/u1	0.00
15) 4-Methylphenol-d8	8.440	113	377171	26.683	ng/u1	0.00
21) Nitrobenzene-d5	8.881	128	185633	28.854	ng/u1	0.00
24) 2-Nitrophenol-d4	9.593	143	211662	32.876	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.128	165	374346	28.227	ng/u1	0.00
31) 4-Chloroaniline-d4	10.640	131	468249	25.194	ng/u1	0.00
46) Dimethylphthalate-d6	13.757	166	1216735	30.135	ng/u1	0.00
49) Acenaphthylene-d8	14.045	160	1391036	28.873	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	182749	29.624	ng/u1	0.02
60) Fluorene-d10	15.369	176	1047141	30.820	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	98546	16.096	ng/u1	0.01
73) Anthracene-d10	17.269	188	1615155	29.622	ng/u1	0.00
81) Pyrene-d10	19.651	212	1915849	28.254	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.739	264	1911838	30.401	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	109955	1.728	ng/u1	98
80) Fluoranthene	19.304	202	199857	2.413	ng/u1	99
82) Pyrene	19.686	202	184835	2.176	ng/u1	100
85) Benzo(a)anthracene	21.604	228	106305	1.344	ng/u1	97
87) Chrysene	21.669	228	100032	1.338	ng/u1	97
90) Benzo(b)fluoranthene	23.916	252	131110	1.674	ng/u1#	89
93) Benzo(a)pyrene	24.815	252	95715	1.295	ng/u1	95

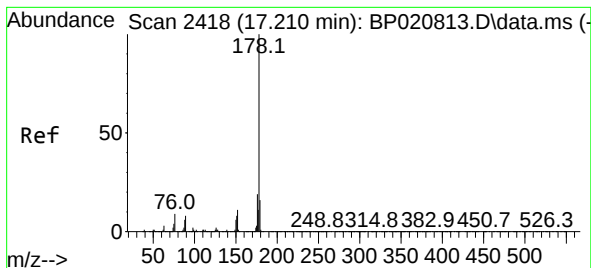
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.728 ng/ul

RT: 17.204 min Scan# 2418

Delta R.T. 0.000 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

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ClientSampleId :

A4B66

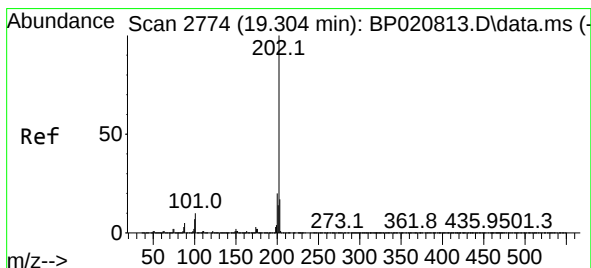
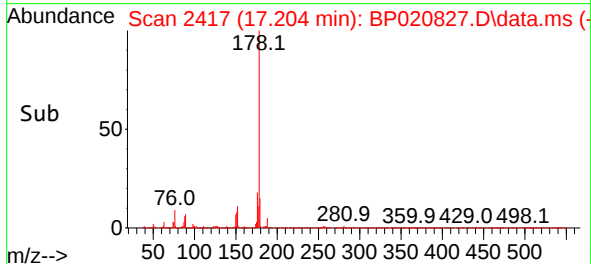
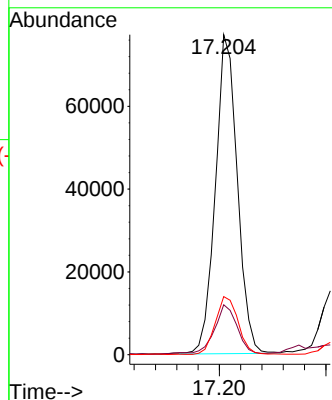
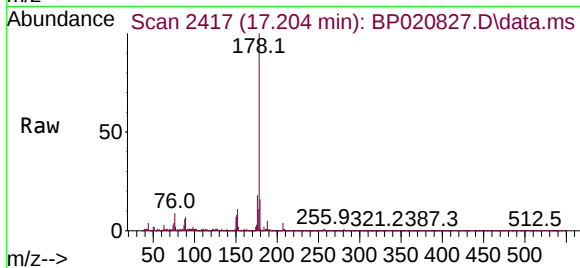
Tgt Ion:178 Resp: 109955

Ion Ratio Lower Upper

178 100

179 15.6 12.4 18.6

176 18.2 15.4 23.2



#80

Fluoranthene

Concen: 2.413 ng/ul

RT: 19.304 min Scan# 2774

Delta R.T. 0.006 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

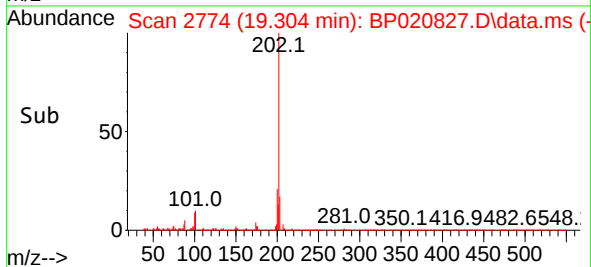
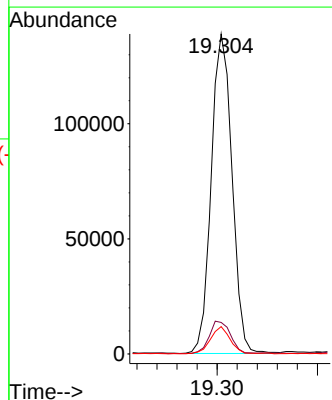
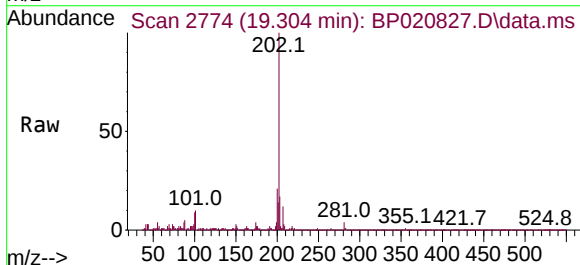
Tgt Ion:202 Resp: 199857

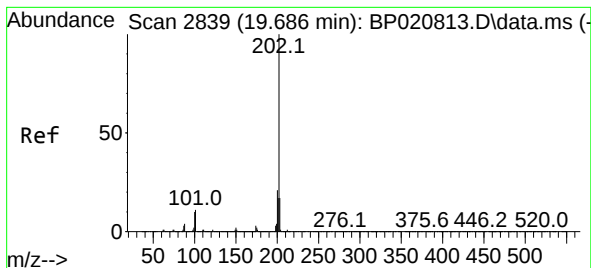
Ion Ratio Lower Upper

202 100

101 9.8 8.2 12.4

100 8.5 6.6 10.0





#82

Pyrene

Concen: 2.176 ng/ul

RT: 19.686 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

Instrument :

BNA_P

ClientSampleId :

A4B66

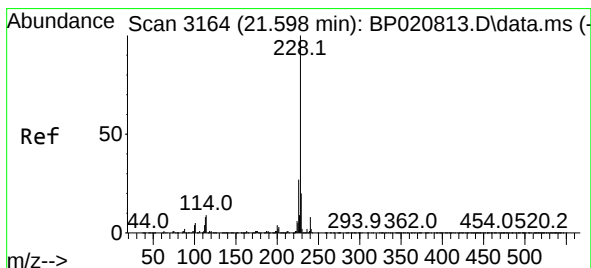
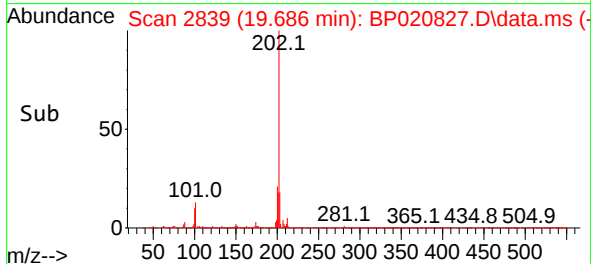
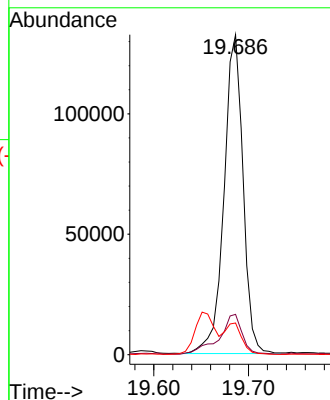
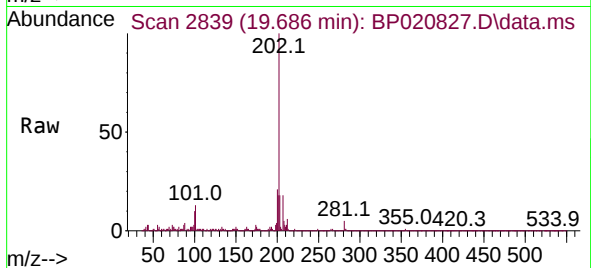
Tgt Ion:202 Resp: 184835

Ion Ratio Lower Upper

202 100

101 12.6 9.8 14.8

100 9.9 7.9 11.9



#85

Benzo(a)anthracene

Concen: 1.344 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.006 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

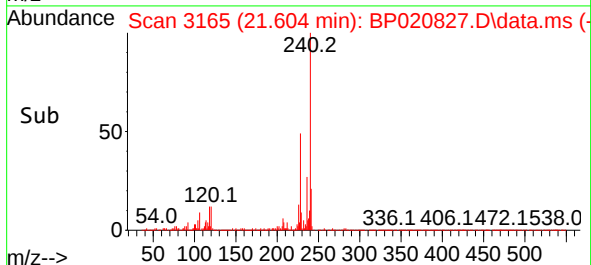
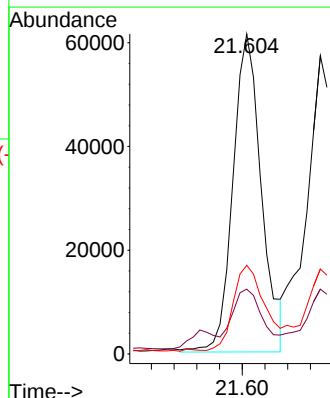
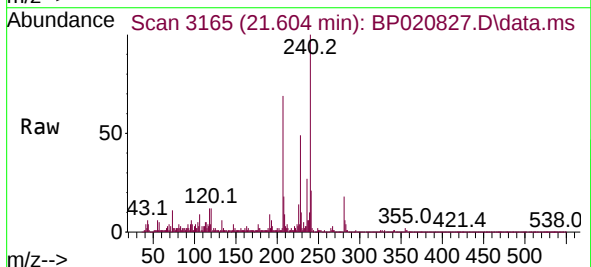
Tgt Ion:228 Resp: 106305

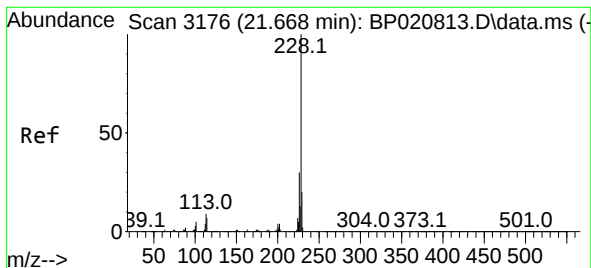
Ion Ratio Lower Upper

228 100

229 20.3 15.2 22.8

226 27.7 21.1 31.7





#87

Chrysene

Concen: 1.338 ng/ul

RT: 21.669 min Scan# 3176

Delta R.T. 0.000 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

Instrument :

BNA_P

ClientSampleId :

A4B66

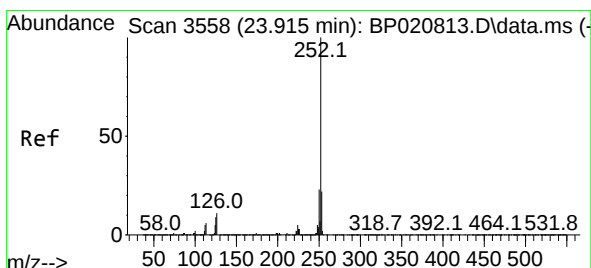
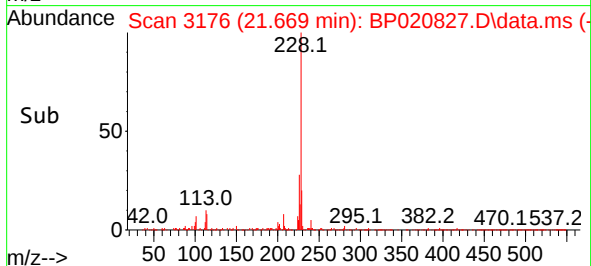
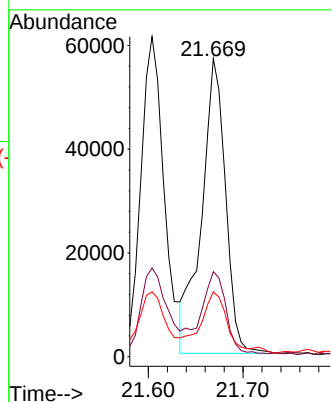
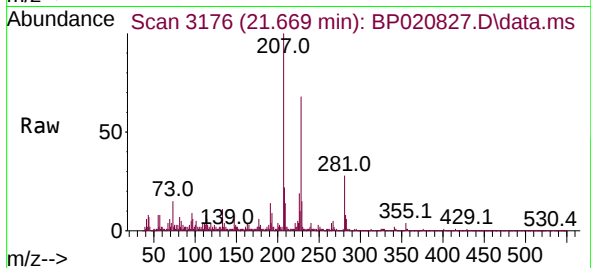
Tgt Ion:228 Resp: 100032

Ion Ratio Lower Upper

228 100

226 28.5 23.8 35.6

229 21.8 16.1 24.1



#90

Benzo(b)fluoranthene

Concen: 1.674 ng/ul

RT: 23.916 min Scan# 3558

Delta R.T. 0.012 min

Lab File: BP020827.D

Acq: 06 Jul 2024 19:47

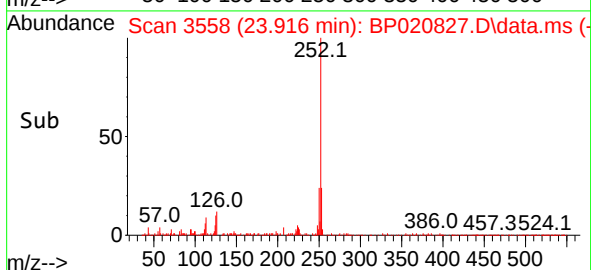
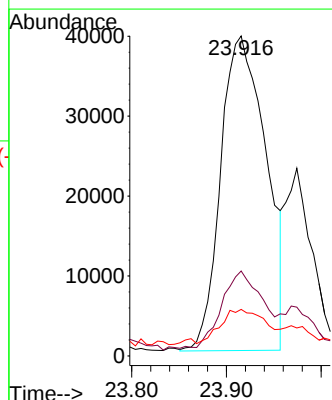
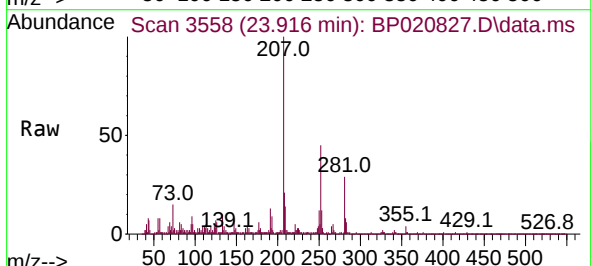
Tgt Ion:252 Resp: 131110

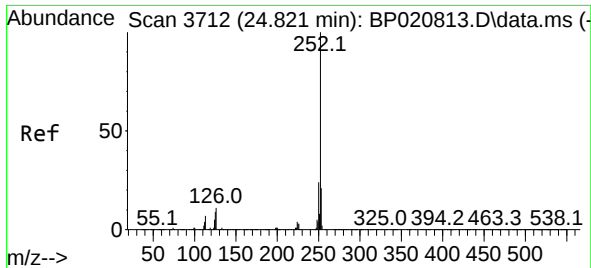
Ion Ratio Lower Upper

252 100

253 26.5 17.5 26.3#

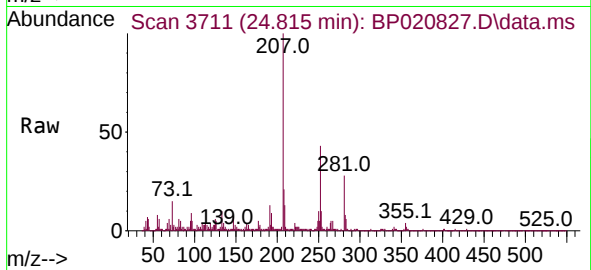
125 14.6 7.9 11.9#





#93
 Benzo(a)pyrene
 Concen: 1.295 ng/ul
 RT: 24.815 min Scan# 31
 Delta R.T. 0.006 min
 Lab File: BP020827.D
 Acq: 06 Jul 2024 19:47

Instrument :
 BNA_P
 ClientSampleId :
 A4B66



Tgt Ion:252 Resp: 95715
 Ion Ratio Lower Upper
 252 100
 253 24.3 17.4 26.2
 125 13.0 8.7 13.1

