

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071124\
 Data File : BP020931.D
 Acq On : 12 Jul 2024 12:06
 Operator : MA/JU
 Sample : P3087-18
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 12 23:04:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 10 18:38:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

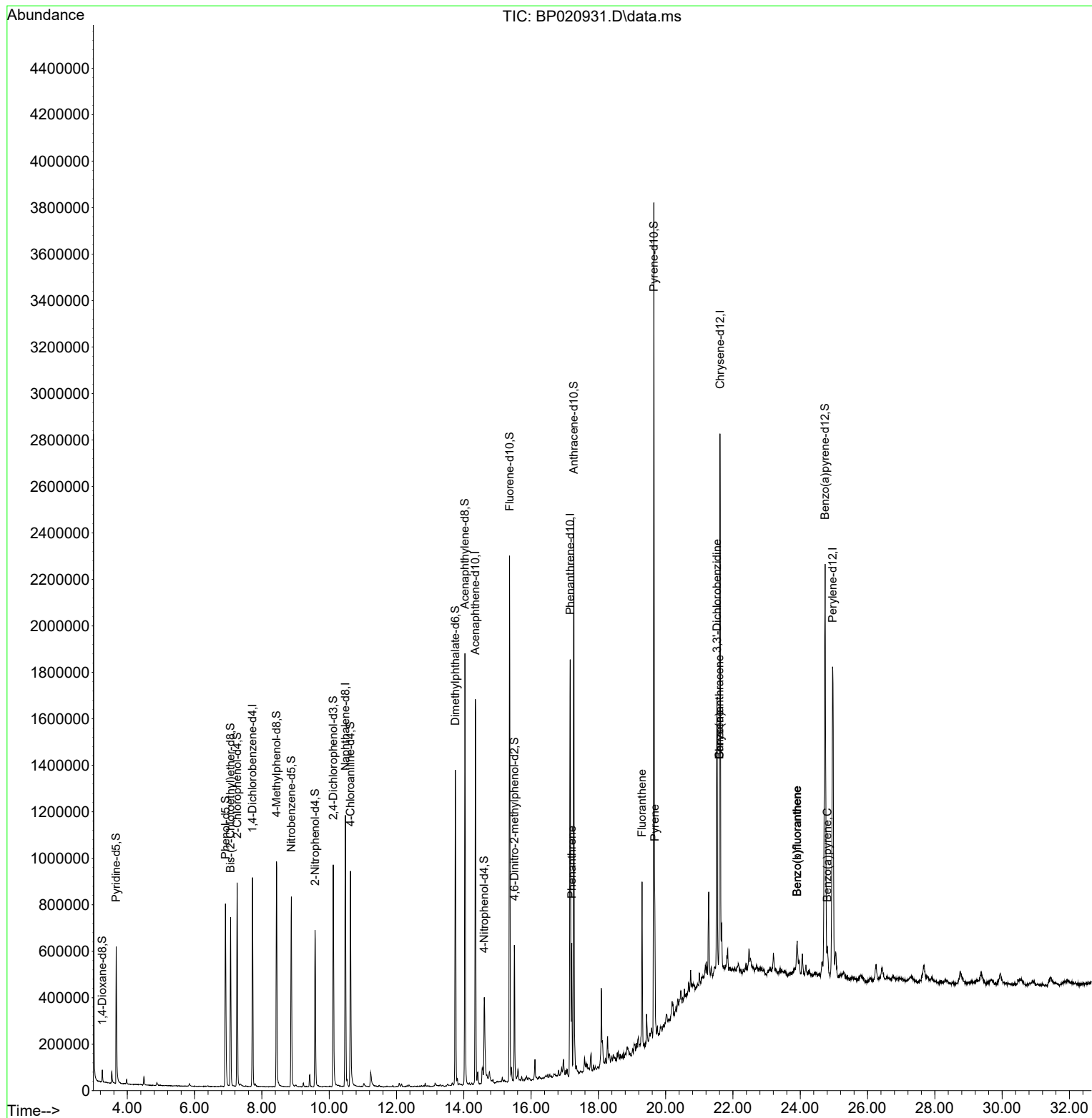
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	250159	20.000	ng/ul	0.00
20) Naphthalene-d8	10.481	136	988931	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.345	164	617433	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.163	188	1295866	20.000	ng/ul	-0.02
79) Chrysene-d12	21.616	240	1310946	20.000	ng/ul	0.00
88) Perylene-d12	24.962	264	1525715	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	23409	4.258	ng/uL	0.00
4) Pyridine-d5	3.669	84	295991	18.598	ng/ul	0.00
7) Phenol-d5	6.916	99	478808	23.477	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.069	67	306152	24.770	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	414747	24.682	ng/ul	0.00
15) 4-Methylphenol-d8	8.434	113	391885	23.135	ng/ul	0.00
21) Nitrobenzene-d5	8.875	128	195676	25.475	ng/ul	0.00
24) 2-Nitrophenol-d4	9.581	143	222219	25.277	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.122	165	373364	23.486	ng/ul	0.00
31) 4-Chloroaniline-d4	10.634	131	491516	23.339	ng/ul	0.00
46) Dimethylphthalate-d6	13.751	166	1080033	24.063	ng/ul	-0.02
49) Acenaphthylene-d8	14.034	160	1229574	24.397	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.610	143	138008	21.611	ng/ul	0.00
60) Fluorene-d10	15.363	176	914280	24.829	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.504	200	118238	15.080	ng/ul	0.00
73) Anthracene-d10	17.269	188	1403280	24.381	ng/ul	0.00
81) Pyrene-d10	19.651	212	1765683	21.786	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.739	264	1914986	25.449	ng/ul	-0.02
Target Compounds						Qvalue
72) Phenanthrene	17.210	178	350641	5.216	ng/ul	99
80) Fluoranthene	19.298	202	421668	4.308	ng/ul	100
82) Pyrene	19.674	202	352455	3.539	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.527	252	492794	16.451	ng/ul	98
85) Benzo(a)anthracene	21.598	228	152796	1.664	ng/ul	99
87) Chrysene	21.598	228	151502	1.775	ng/ul	96
90) Benzo(b)fluoranthene	23.910	252	178180	1.924	ng/ul#	94
91) Benzo(k)fluoranthene	23.910	252	178180	1.928	ng/ul#	95
93) Benzo(a)pyrene	24.809	252	118239	1.351	ng/ul#	94

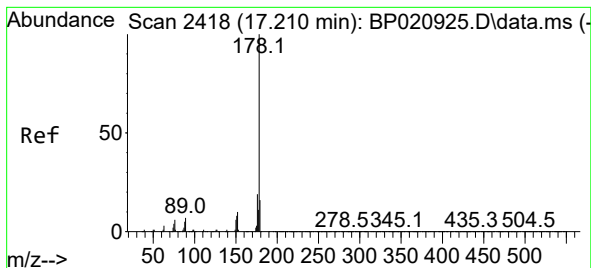
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 10 18:38:19 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 5.216 ng/ul

RT: 17.210 min Scan# 2418

Delta R.T. -0.012 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

Instrument :

BNA_P

ClientSampleId :

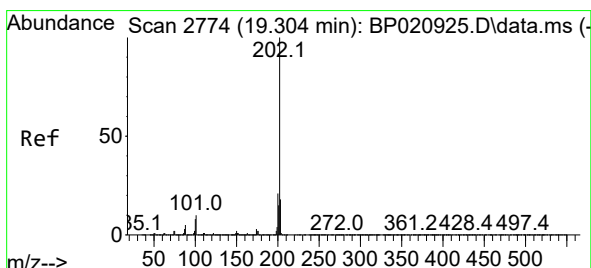
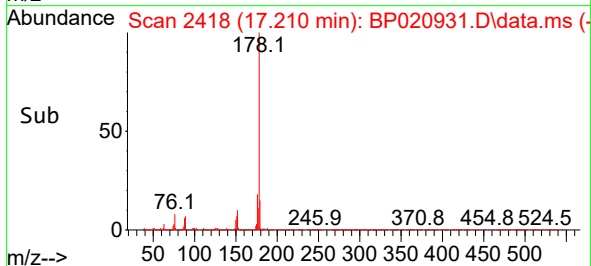
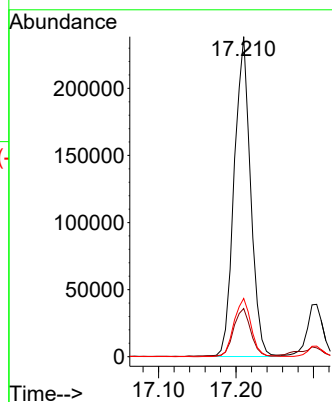
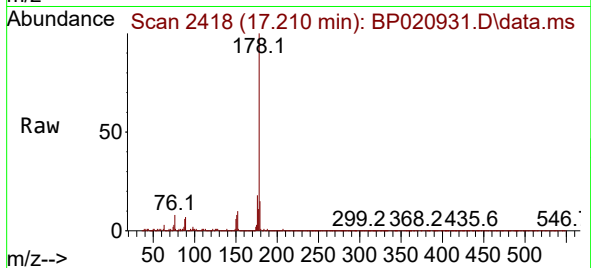
Tgt Ion:178 Resp: 350641

Ion Ratio Lower Upper

178 100

179 15.1 12.2 18.4

176 18.2 15.0 22.4



#80

Fluoranthene

Concen: 4.308 ng/ul

RT: 19.298 min Scan# 2773

Delta R.T. -0.012 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

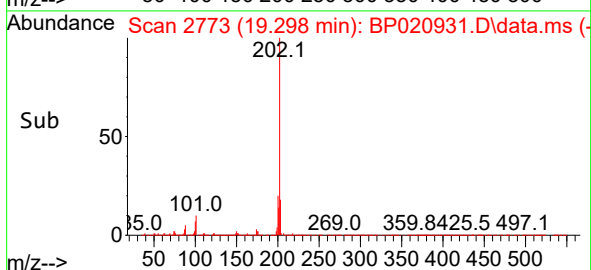
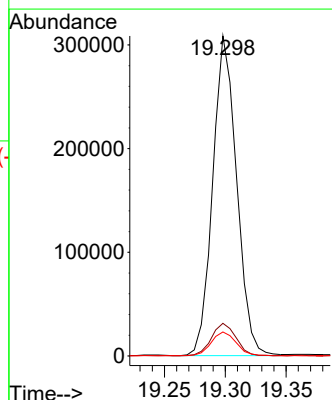
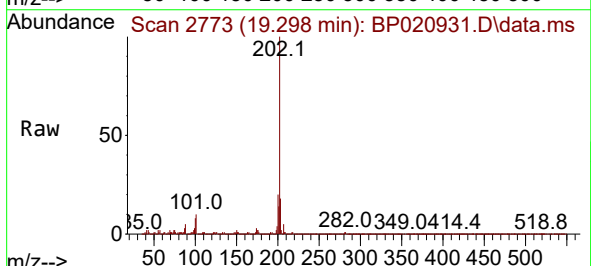
Tgt Ion:202 Resp: 421668

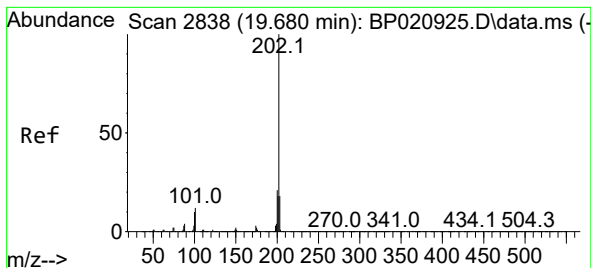
Ion Ratio Lower Upper

202 100

101 10.2 8.0 12.0

100 7.5 6.1 9.1





#82

Pyrene

Concen: 3.539 ng/ul

RT: 19.674 min Scan# 2837

Delta R.T. -0.018 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

Instrument :

BNA_P

ClientSampleId :

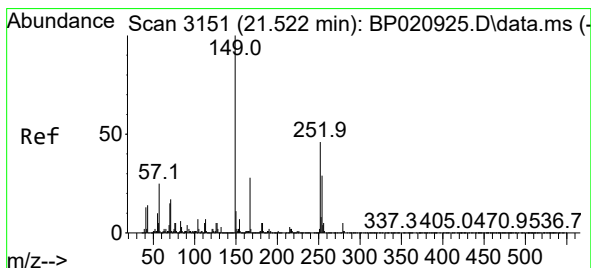
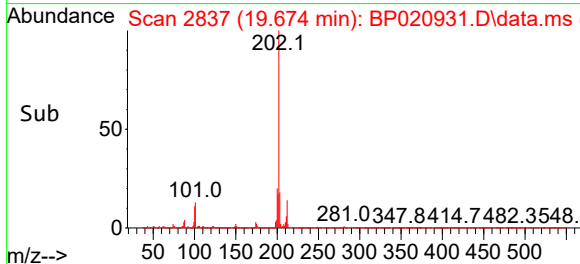
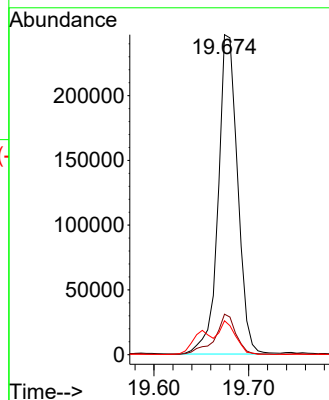
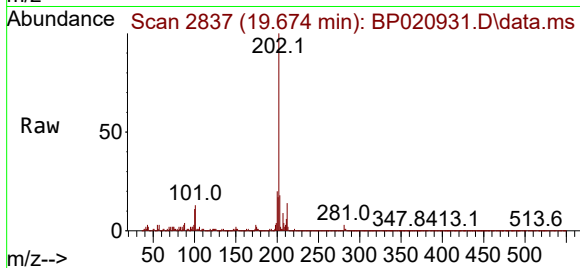
Tgt Ion:202 Resp: 352455

Ion Ratio Lower Upper

202 100

101 12.7 9.4 14.2

100 10.6 7.8 11.6



#84

3,3'-Dichlorobenzidine

Concen: 16.451 ng/ul

RT: 21.527 min Scan# 3152

Delta R.T. -0.012 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

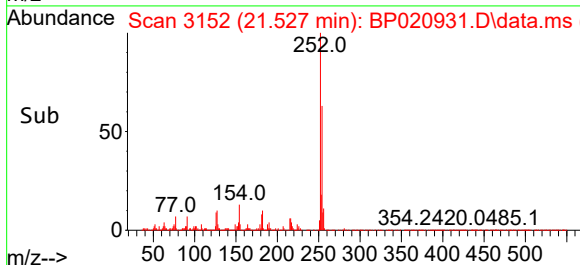
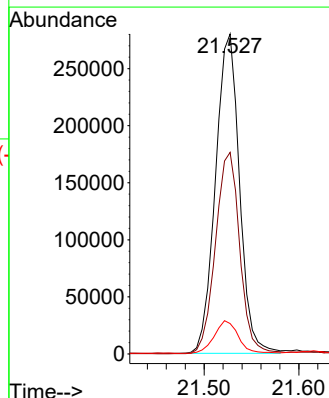
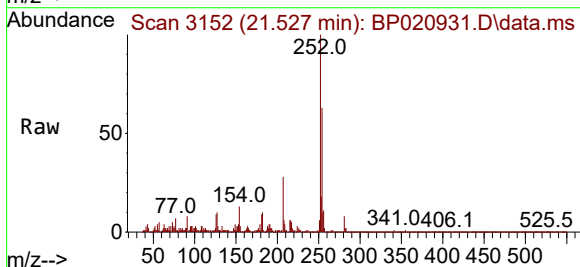
Tgt Ion:252 Resp: 492794

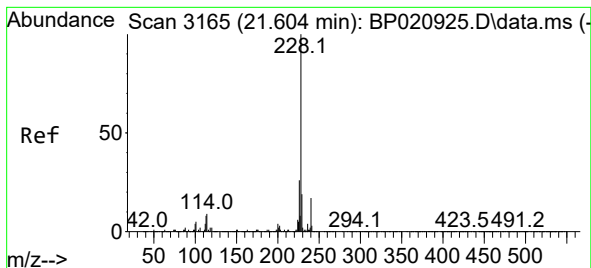
Ion Ratio Lower Upper

252 100

254 63.0 51.5 77.3

126 9.5 8.0 12.0





#85

Benzo(a)anthracene

Concen: 1.664 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.012 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

Instrument :

BNA_P

ClientSampleId :

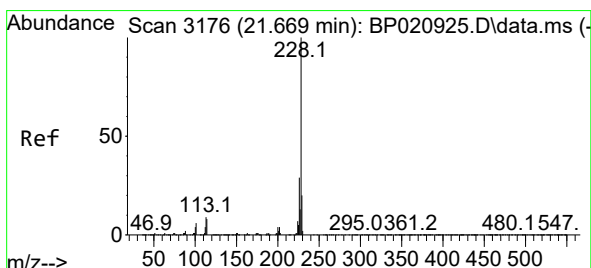
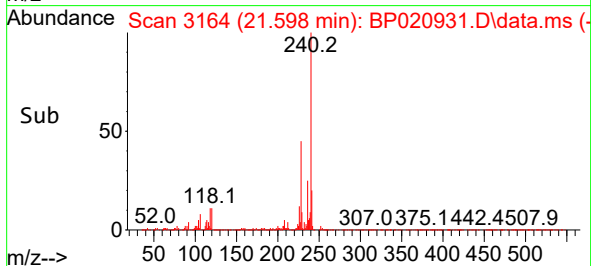
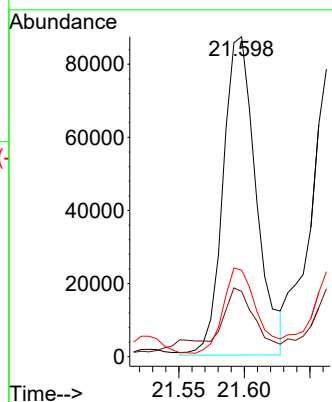
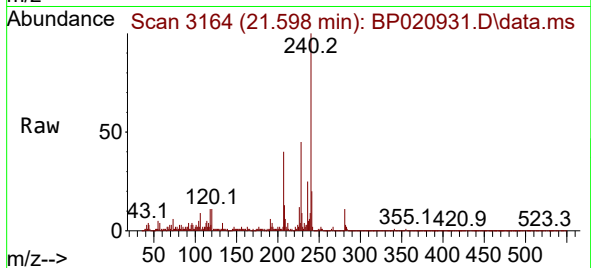
Tgt Ion:228 Resp: 152796

Ion Ratio Lower Upper

228 100

229 20.4 15.5 23.3

226 27.0 21.4 32.2



#87

Chrysene

Concen: 1.775 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.077 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

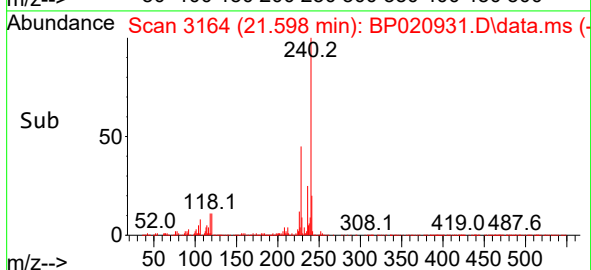
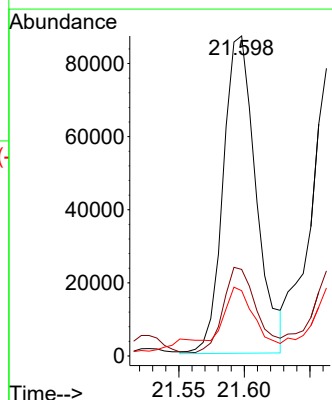
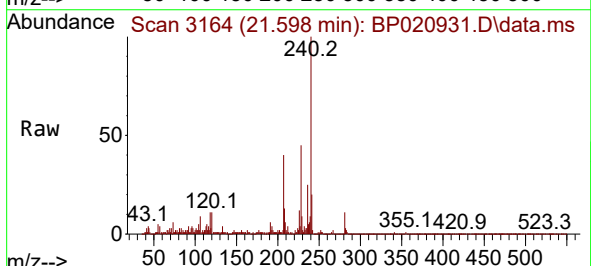
Tgt Ion:228 Resp: 151502

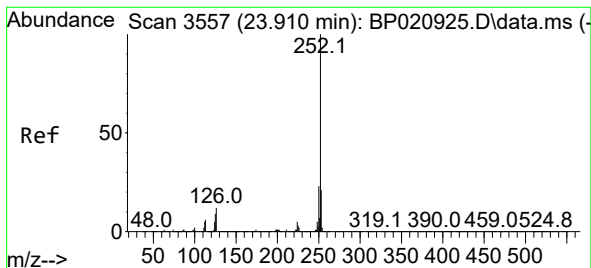
Ion Ratio Lower Upper

228 100

226 27.0 23.6 35.4

229 20.4 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 1.924 ng/ul

RT: 23.910 min Scan# 3557

Delta R.T. -0.012 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

Instrument :

BNA_P

ClientSampleId :

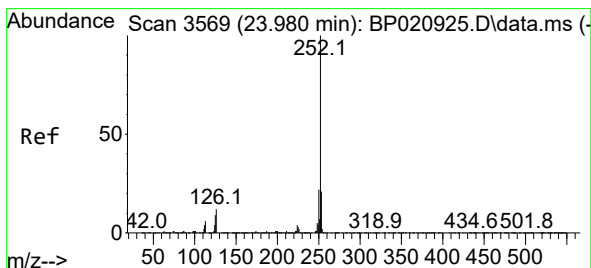
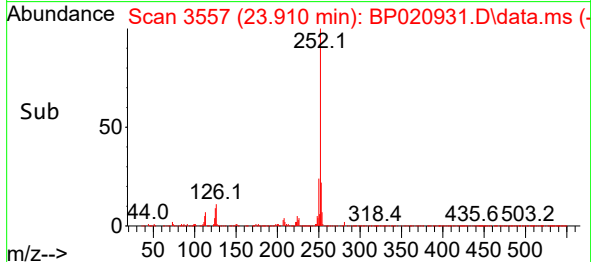
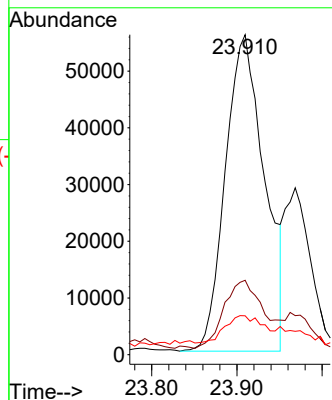
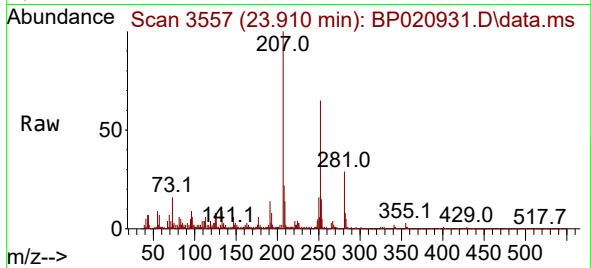
Tgt Ion:252 Resp: 178180

Ion Ratio Lower Upper

252 100

253 23.2 17.1 25.7

125 12.2 7.0 10.4#



#91

Benzo(k)fluoranthene

Concen: 1.928 ng/ul

RT: 23.910 min Scan# 3557

Delta R.T. -0.082 min

Lab File: BP020931.D

Acq: 12 Jul 2024 12:06

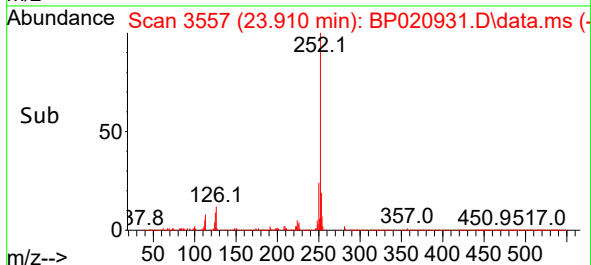
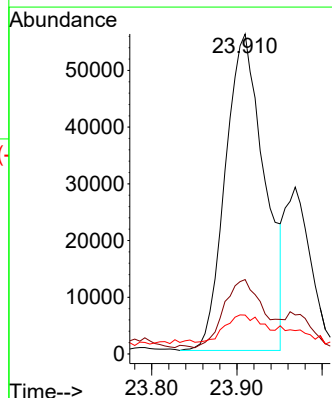
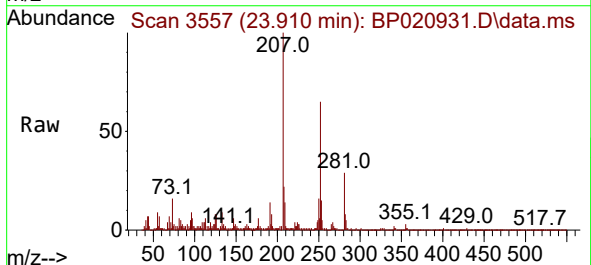
Tgt Ion:252 Resp: 178180

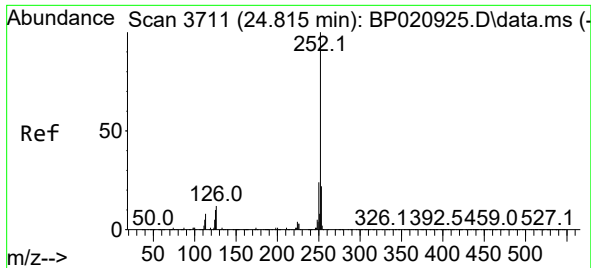
Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

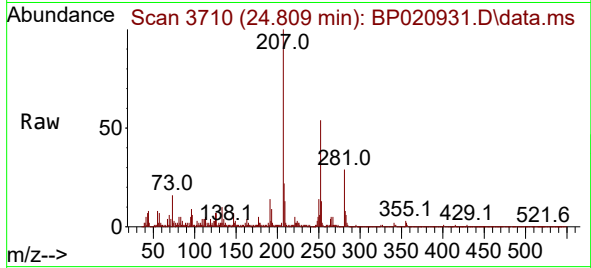
125 12.2 7.4 11.0#





#93
 Benzo(a)pyrene
 Concen: 1.351 ng/ul
 RT: 24.809 min Scan# 31
 Delta R.T. -0.018 min
 Lab File: BP020931.D
 Acq: 12 Jul 2024 12:06

Instrument :
 BNA_P
 ClientSampleId :



Tgt Ion:252 Resp: 118239
 Ion Ratio Lower Upper
 252 100
 253 23.5 17.4 26.0
 125 13.8 7.7 11.5#

