

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP013125\
 Data File : BP023838.D
 Acq On : 01 Feb 2025 00:10
 Operator : RC/JU
 Sample : Q1224-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A6302

Quant Time: Feb 03 07:37:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP012925.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 31 11:40:55 2025
 Response via : Initial Calibration

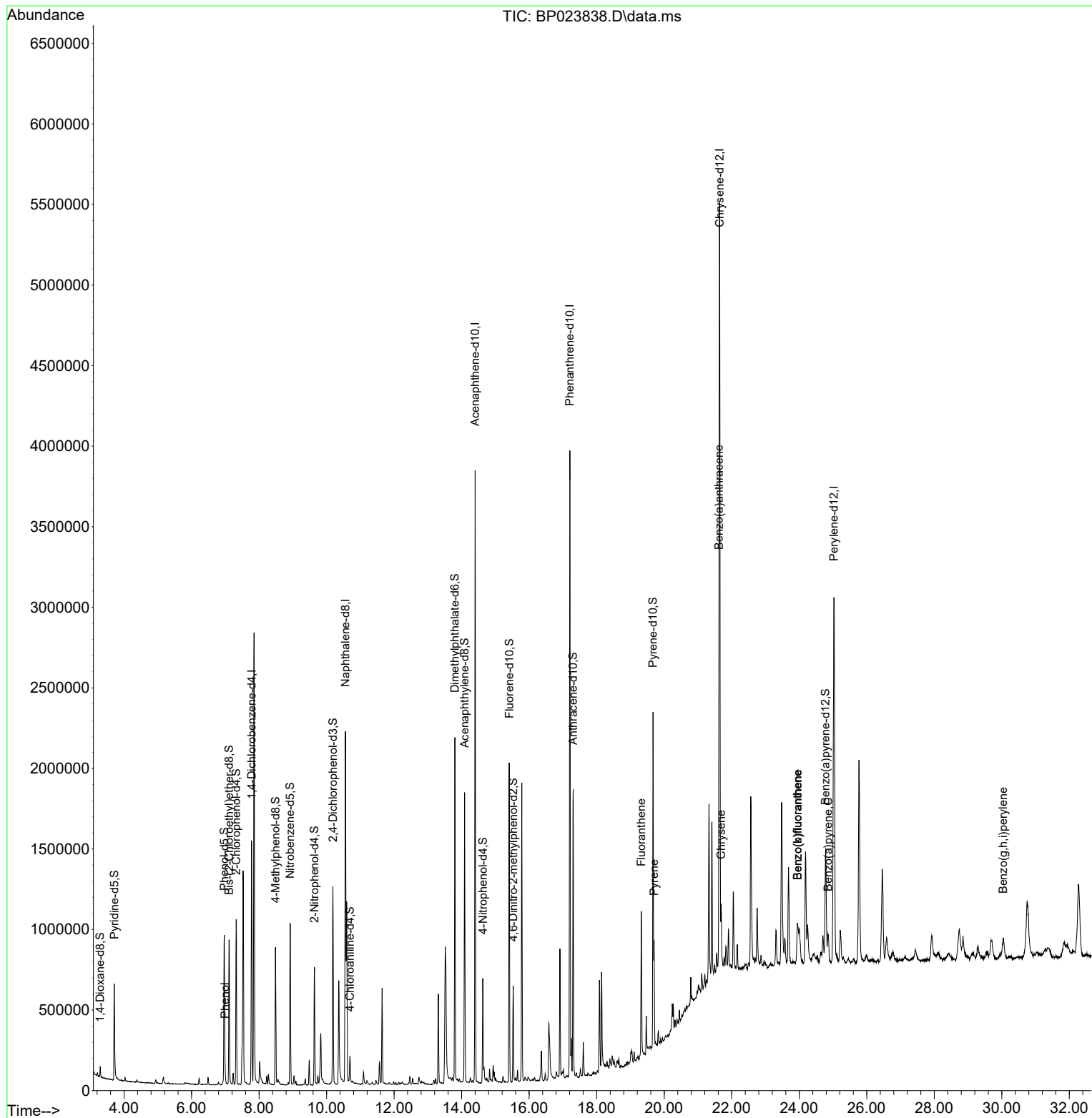
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	431880	20.000	ng/ul	0.02
20) Naphthalene-d8	10.557	136	1859470	20.000	ng/ul	0.01
38) Acenaphthene-d10	14.398	164	1160527	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.204	188	2256763	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	2320240	20.000	ng/ul	# 0.00
88) Perylene-d12	25.021	264	2464984	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	31910	3.070	ng/uL	0.00
4) Pyridine-d5	3.711	84	357487	11.919	ng/ul	0.02
7) Phenol-d5	6.969	99	551516	14.430	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.111	67	369036	18.242	ng/ul	0.01
11) 2-Chlorophenol-d4	7.322	132	496531	16.544	ng/ul	0.01
15) 4-Methylphenol-d8	8.487	113	316451	10.136	ng/ul	0.02
21) Nitrobenzene-d5	8.922	128	248776	16.722	ng/ul	0.01
24) 2-Nitrophenol-d4	9.640	143	250448	15.602	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.187	165	433919	14.735	ng/ul	0.01
31) 4-Chloroaniline-d4	10.693	131	103535	2.351	ng/ul	0.01
46) Dimethylphthalate-d6	13.798	166	1400760	16.182	ng/ul	0.00
49) Acenaphthylene-d8	14.087	160	1102467	11.292	ng/ul	0.00
54) 4-Nitrophenol-d4	14.628	143	154763	9.002	ng/ul	0.00
60) Fluorene-d10	15.410	176	711920	9.766	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.528	200	129484	9.300	ng/ul	0.00
73) Anthracene-d10	17.304	188	978929	8.835	ng/ul	-0.01
81) Pyrene-d10	19.669	212	928505	7.469	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.780	264	730849	5.683	ng/ul	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.993	94	60792	1.549	ng/ul	98
80) Fluoranthene	19.322	202	464934	3.247	ng/ul	100
82) Pyrene	19.698	202	383162	2.559	ng/ul	98
85) Benzo(a)anthracene	21.622	228	160681	1.053	ng/ul	99
87) Chrysene	21.686	228	239941	1.707	ng/ul	98
90) Benzo(b)fluoranthene	23.951	252	326925	2.186	ng/ul	98
91) Benzo(k)fluoranthene	23.951	252	327428	2.184	ng/ul	98
93) Benzo(a)pyrene	24.857	252	185607	1.329	ng/ul	98
96) Benzo(g,h,i)perylene	30.039	276	165293	1.192	ng/ul	99

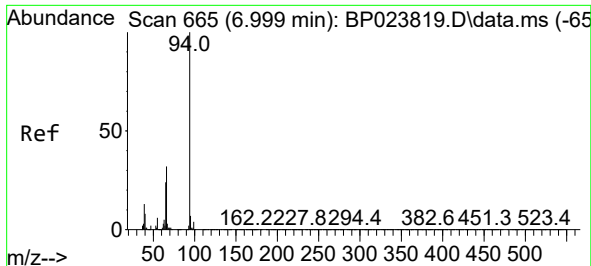
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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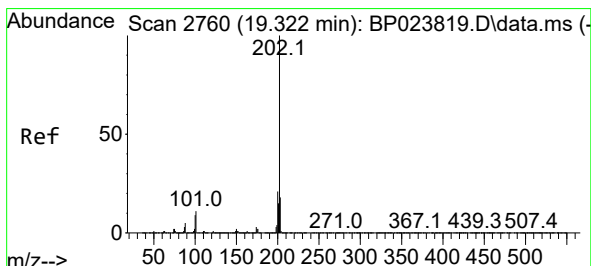
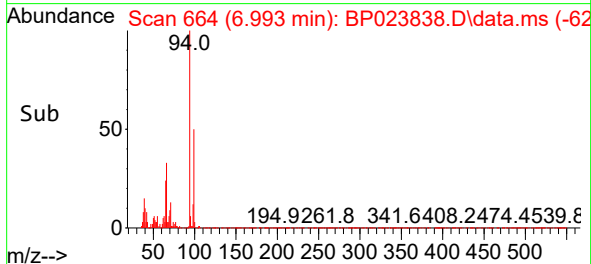
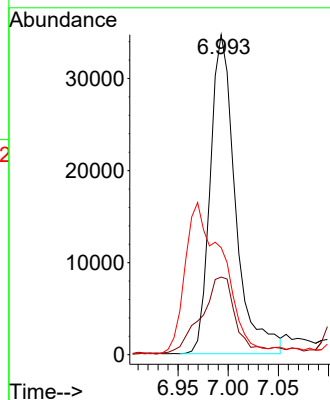
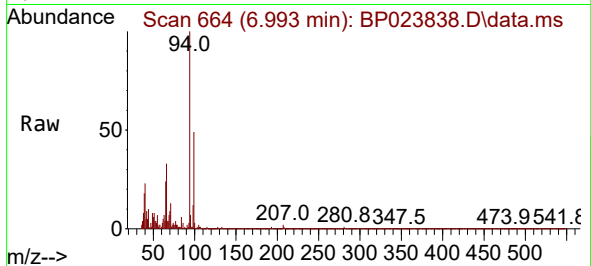




#8
Phenol
Concen: 1.549 ng/ul
RT: 6.993 min Scan# 607
Delta R.T. 0.018 min
Lab File: BP023838.D
Acq: 01 Feb 2025 00:10

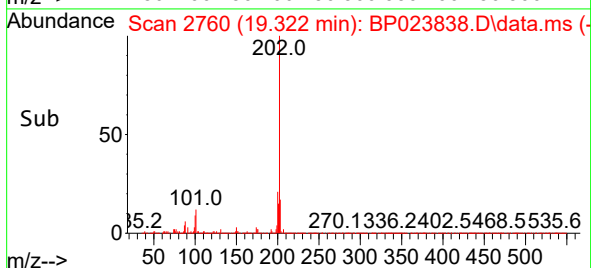
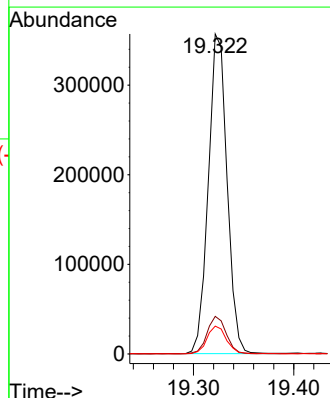
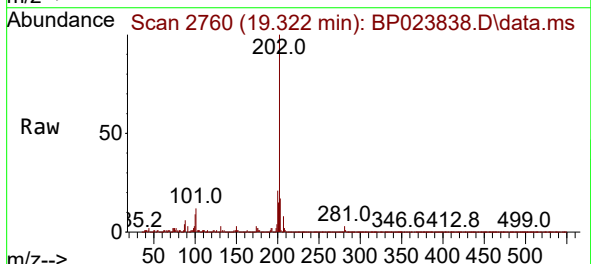
Instrument :
BNA_P
ClientSampleId :
A6302

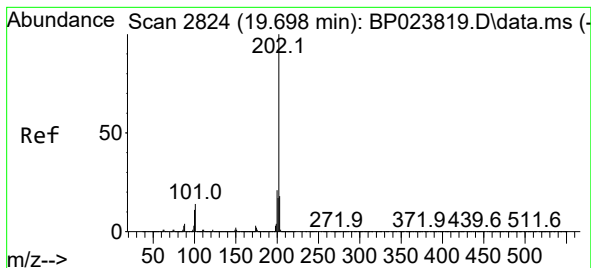
Tgt Ion: 94 Resp: 60792
Ion Ratio Lower Upper
94 100
65 24.3 20.1 30.1
66 33.5 26.0 39.0



#80
Fluoranthene
Concen: 3.247 ng/ul
RT: 19.322 min Scan# 2760
Delta R.T. -0.005 min
Lab File: BP023838.D
Acq: 01 Feb 2025 00:10

Tgt Ion: 202 Resp: 464934
Ion Ratio Lower Upper
202 100
101 11.8 9.4 14.2
100 8.7 7.0 10.6





#82

Pyrene

Concen: 2.559 ng/ul

RT: 19.698 min Scan# 21

Delta R.T. -0.005 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

Instrument :

BNA_P

ClientSampleId :

A6302

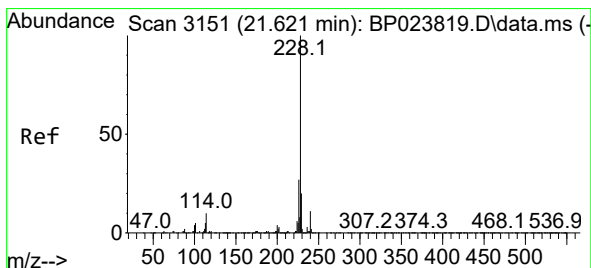
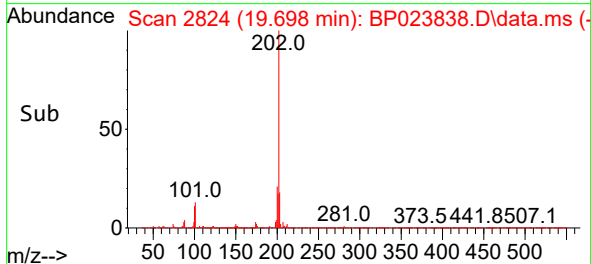
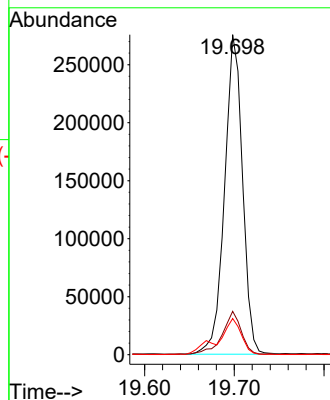
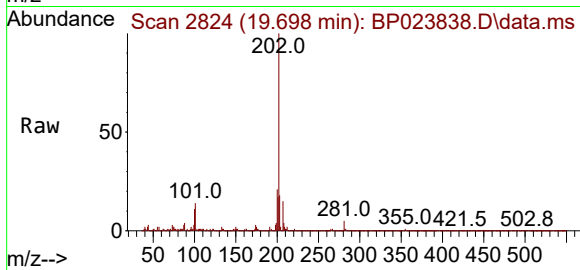
Tgt Ion:202 Resp: 383162

Ion Ratio Lower Upper

202 100

101 13.6 10.4 15.6

100 11.3 8.6 12.8



#85

Benzo(a)anthracene

Concen: 1.053 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. -0.005 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

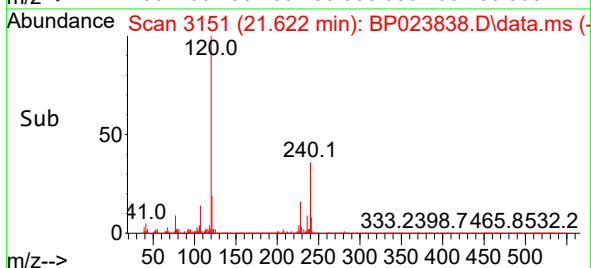
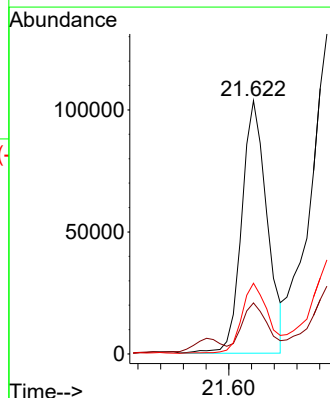
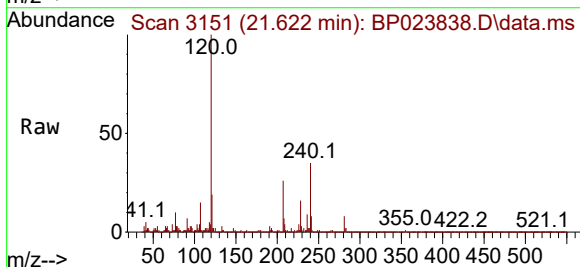
Tgt Ion:228 Resp: 160681

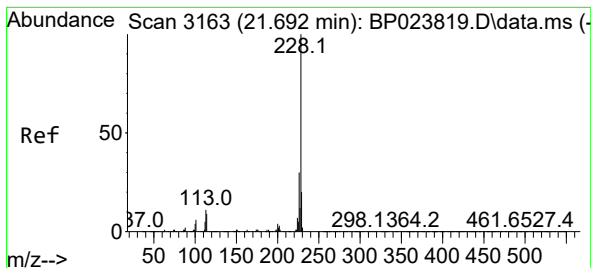
Ion Ratio Lower Upper

228 100

229 20.1 15.9 23.9

226 27.9 21.7 32.5





#87

Chrysene

Concen: 1.707 ng/ul

RT: 21.686 min Scan# 3162

Delta R.T. -0.005 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

Instrument :

BNA_P

ClientSampleId :

A6302

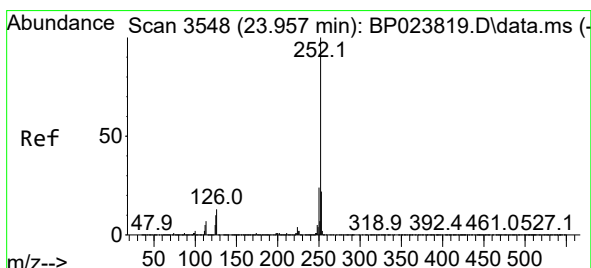
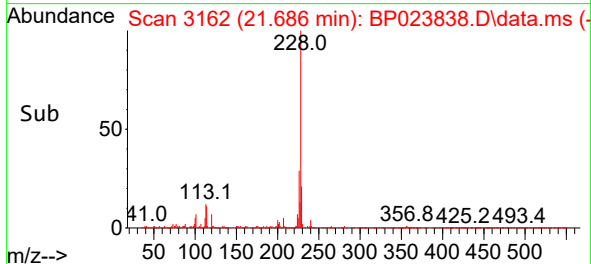
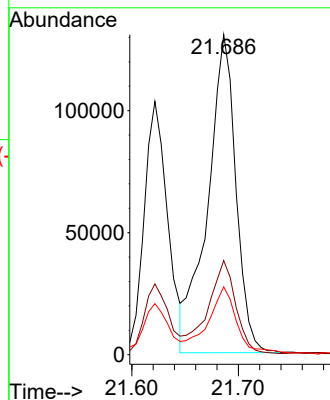
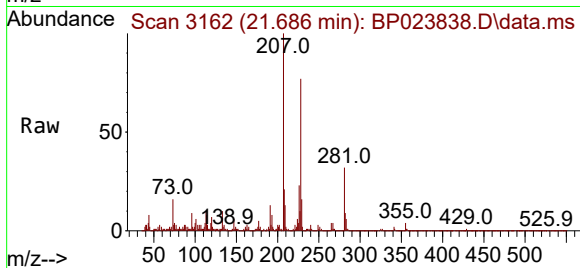
Tgt Ion:228 Resp: 239941

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.6

229 21.2 15.7 23.5



#90

Benzo(b)fluoranthene

Concen: 2.186 ng/ul

RT: 23.951 min Scan# 3547

Delta R.T. -0.005 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

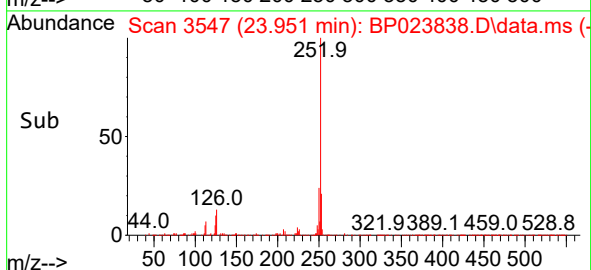
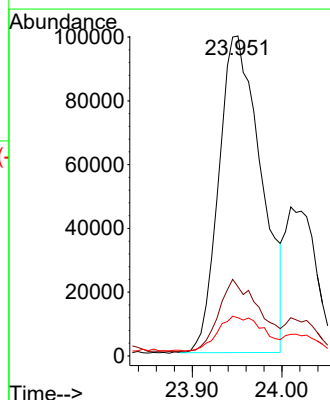
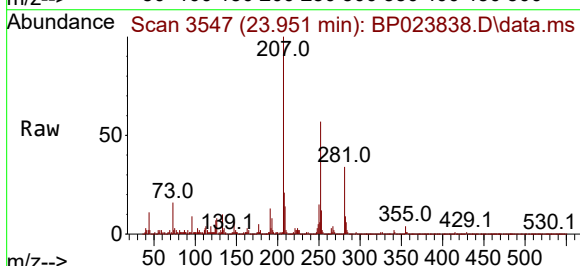
Tgt Ion:252 Resp: 326925

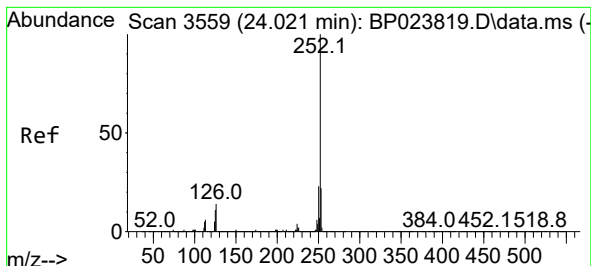
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 11.9 8.2 12.2





#91

Benzo(k)fluoranthene

Concen: 2.184 ng/ul

RT: 23.951 min Scan# 31

Delta R.T. -0.076 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

Instrument :

BNA_P

ClientSampleId :

A6302

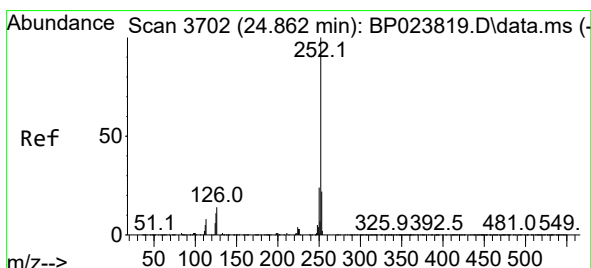
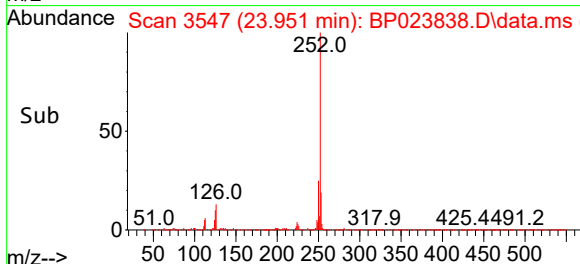
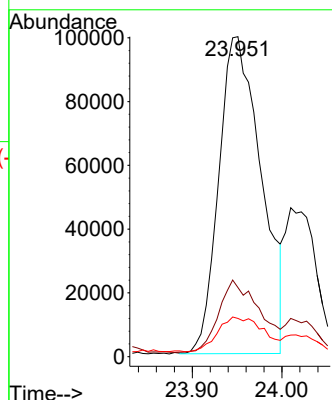
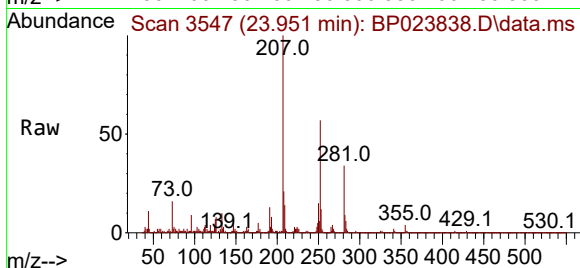
Tgt Ion:252 Resp: 327428

Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 11.9 8.5 12.7



#93

Benzo(a)pyrene

Concen: 1.329 ng/ul

RT: 24.857 min Scan# 3701

Delta R.T. -0.005 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

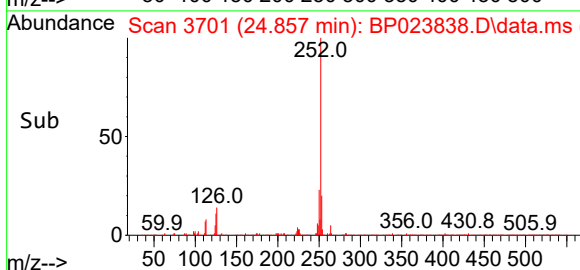
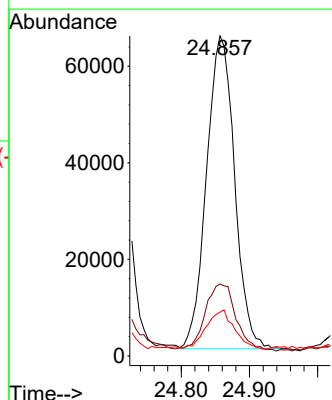
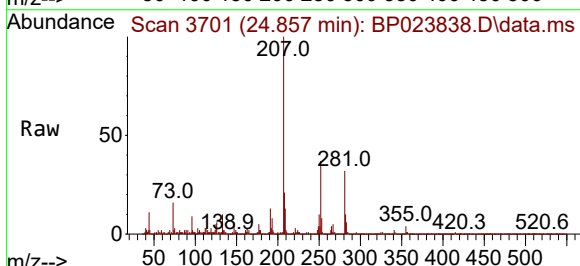
Tgt Ion:252 Resp: 185607

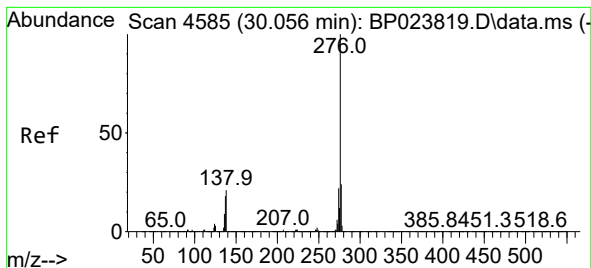
Ion Ratio Lower Upper

252 100

253 22.5 17.8 26.6

125 13.7 9.2 13.8





#96

Benzo(g,h,i)perylene

Concen: 1.192 ng/ul

RT: 30.039 min Scan# 4

Delta R.T. -0.017 min

Lab File: BP023838.D

Acq: 01 Feb 2025 00:10

Instrument :

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Tgt Ion:276 Resp: 165293

Ion Ratio Lower Upper

276 100

138 22.9 17.8 26.6

277 24.4 19.0 28.6

