

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021074.D
 Acq On : 19 Jul 2024 12:07
 Operator : MA/JU
 Sample : P3238-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 20 00:34:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

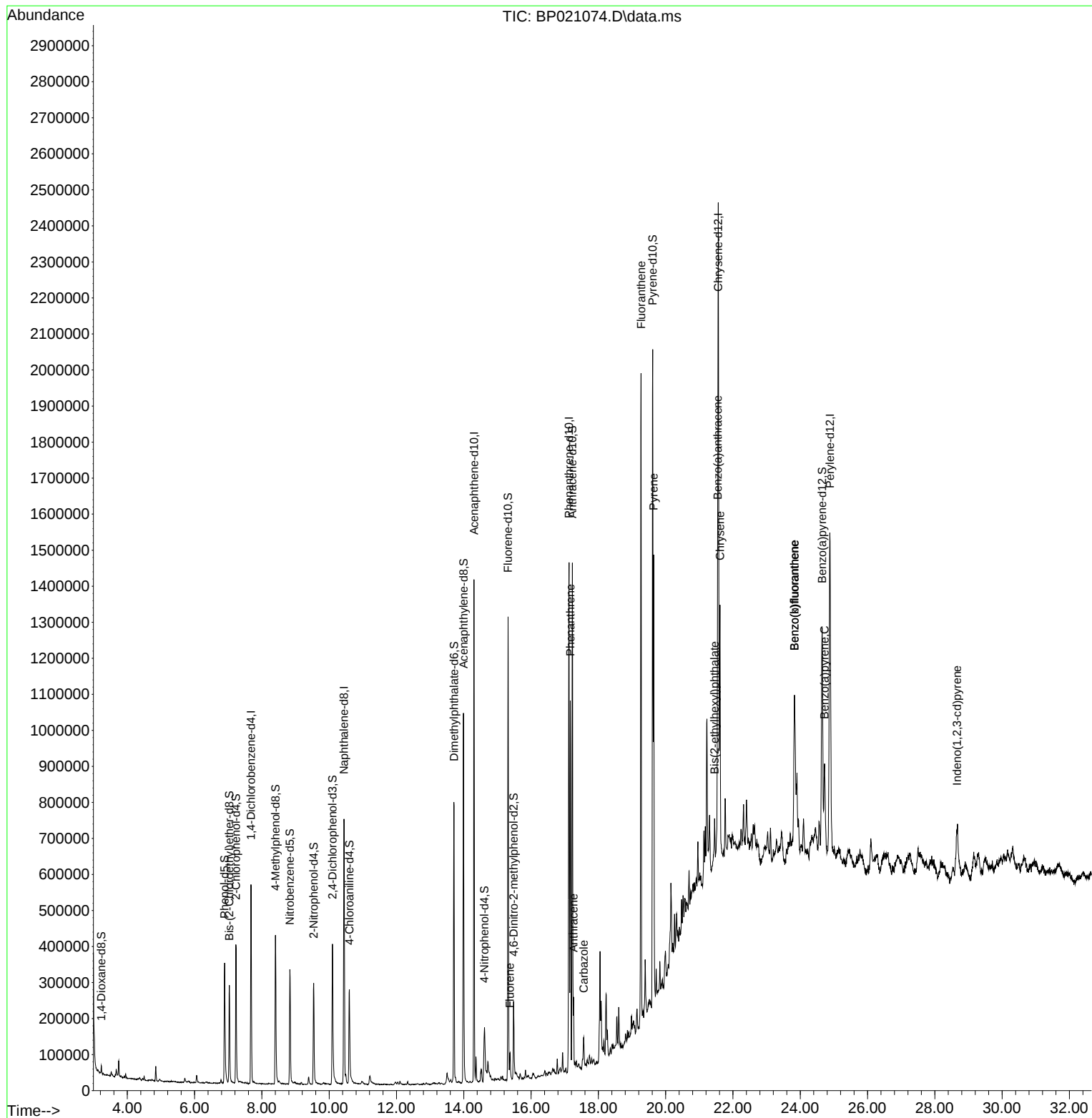
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	153795	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.440	136	641178	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.304	164	417708	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	898048	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	877789	20.000	ng/u1	-0.02
88) Perylene-d12	24.880	264	1047784	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	11589	3.429	ng/uL	0.00
4) Pyridine-d5	3.652	84	479	0.049	ng/u1	0.00
7) Phenol-d5	6.893	99	228168	18.197	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.034	67	127562	16.787	ng/u1	0.00
11) 2-Chlorophenol-d4	7.228	132	187564	18.156	ng/u1	-0.01
15) 4-Methylphenol-d8	8.404	113	181143	17.394	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	85586	17.186	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	101374	17.785	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.098	165	180153	17.479	ng/u1	0.00
31) 4-Chloroaniline-d4	10.598	131	158767	11.628	ng/u1	0.00
46) Dimethylphthalate-d6	13.710	166	562360	18.520	ng/u1	0.00
49) Acenaphthylene-d8	13.992	160	641458	18.813	ng/u1	0.00
54) 4-Nitrophenol-d4	14.616	143	65234	15.099	ng/u1	0.01
60) Fluorene-d10	15.316	176	511342	20.527	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	53078	9.768	ng/u1	0.00
73) Anthracene-d10	17.227	188	799407	20.042	ng/u1	0.00
81) Pyrene-d10	19.616	212	906207	16.699	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.651	264	729716	14.121	ng/u1	-0.04
Target Compounds						
					Qvalue	
61) Fluorene	15.375	166	31890	1.114	ng/u1#	94
72) Phenanthrene	17.169	178	636276	13.658	ng/u1	100
74) Anthracene	17.263	178	110938	2.336	ng/u1	97
77) Carbazole	17.563	167	71494	1.841	ng/u1	97
80) Fluoranthene	19.269	202	1116252	17.032	ng/u1	99
82) Pyrene	19.645	202	763001	11.441	ng/u1	100
85) Benzo(a)anthracene	21.545	228	471214	7.663	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.457	149	52169	1.305	ng/u1	98
87) Chrysene	21.615	228	468077	8.192	ng/u1	97
90) Benzo(b)fluoranthene	23.827	252	591059	9.296	ng/u1	96
91) Benzo(k)fluoranthene	23.827	252	591059	9.314	ng/u1	97
93) Benzo(a)pyrene	24.721	252	244114	4.063	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.662	276	126696	1.636	ng/u1	97

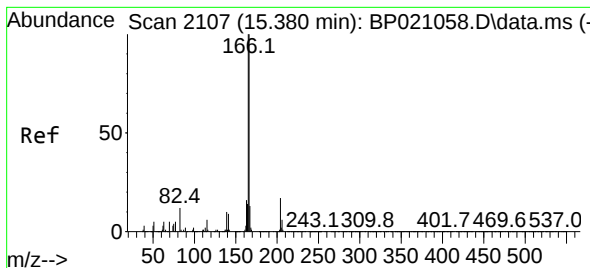
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
Data File : BP021074.D
Acq On : 19 Jul 2024 12:07
Operator : MA/JU
Sample : P3238-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :

Quant Time: Jul 20 00:34:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#61

Fluorene

Concen: 1.114 ng/ul

RT: 15.375 min Scan# 2107

Delta R.T. -0.006 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

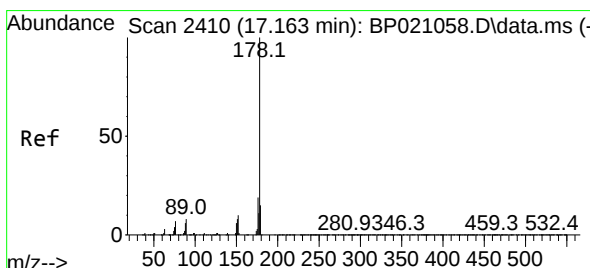
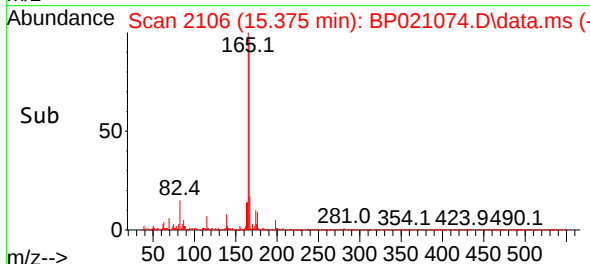
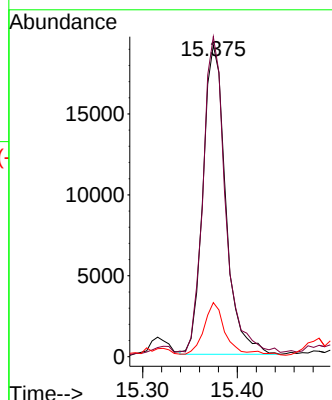
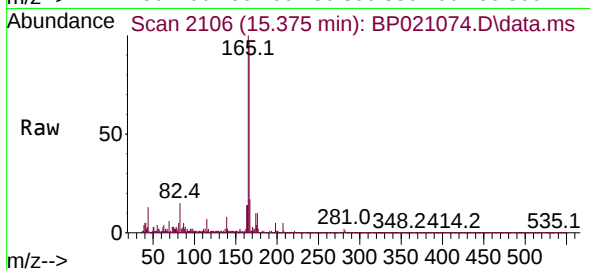
Tgt Ion:166 Resp: 31890

Ion Ratio Lower Upper

166 100

165 102.7 78.1 117.1

167 17.3 10.9 16.3#



#72

Phenanthrene

Concen: 13.658 ng/ul

RT: 17.169 min Scan# 2411

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

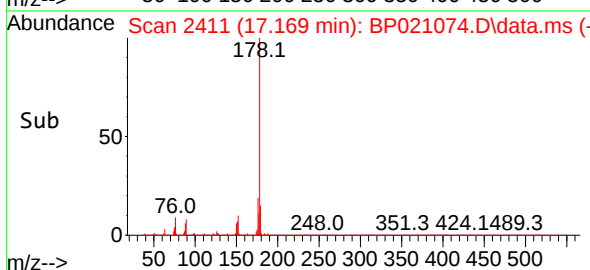
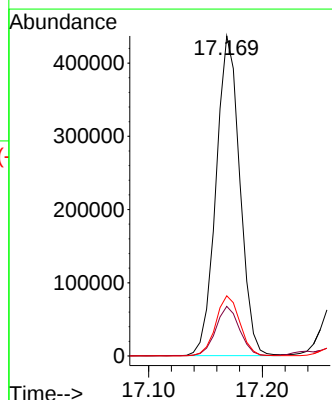
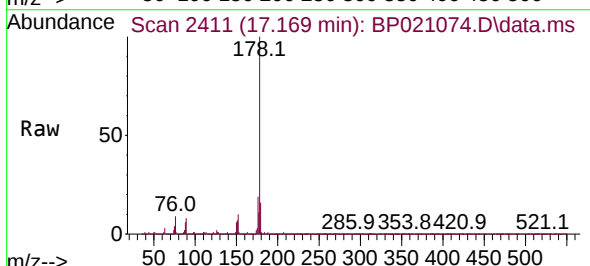
Tgt Ion:178 Resp: 636276

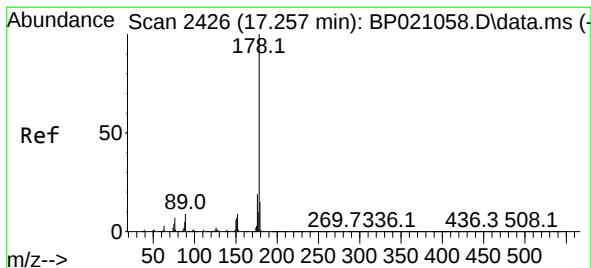
Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 18.8 15.0 22.4





#74

Anthracene

Concen: 2.336 ng/ul

RT: 17.263 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

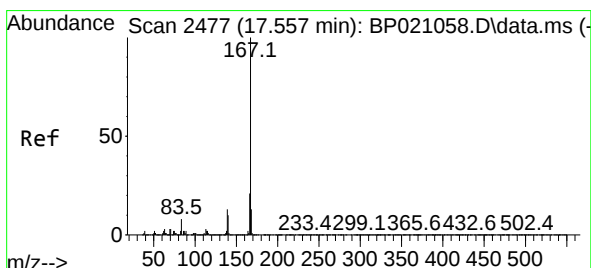
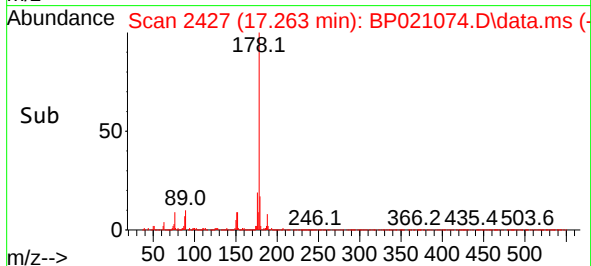
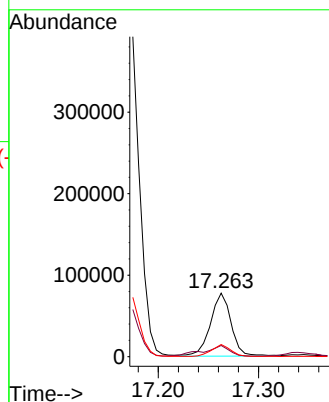
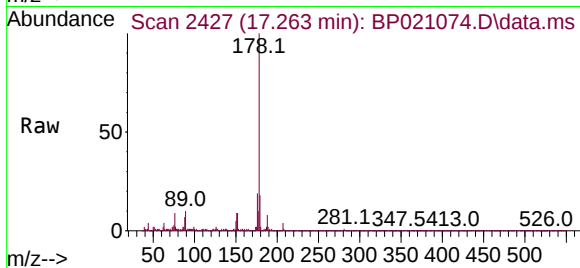
Tgt Ion:178 Resp: 110938

Ion Ratio Lower Upper

178 100

179 17.6 12.5 18.7

176 19.2 14.8 22.2



#77

Carbazole

Concen: 1.841 ng/ul

RT: 17.563 min Scan# 2478

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

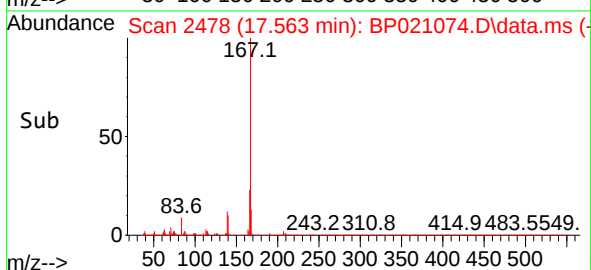
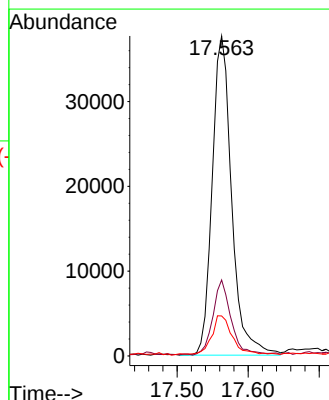
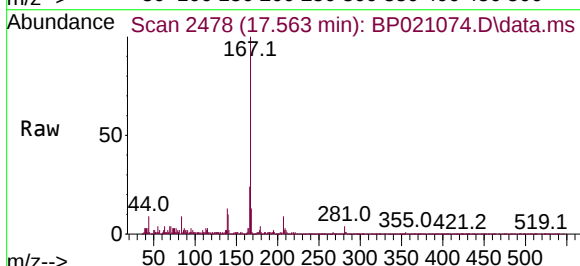
Tgt Ion:167 Resp: 71494

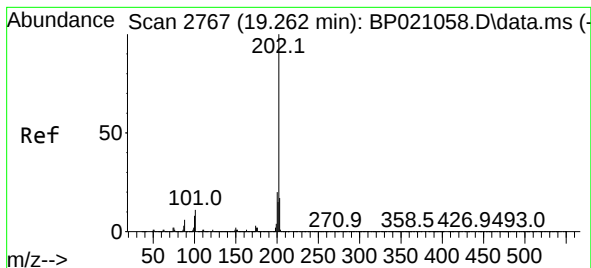
Ion Ratio Lower Upper

167 100

166 23.7 17.3 25.9

139 12.5 10.2 15.2





#80

Fluoranthene

Concen: 17.032 ng/ul

RT: 19.269 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

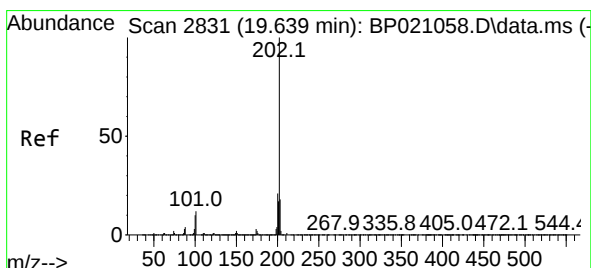
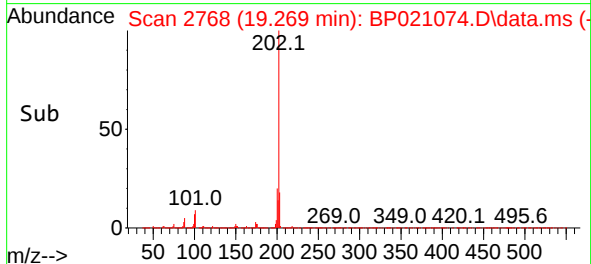
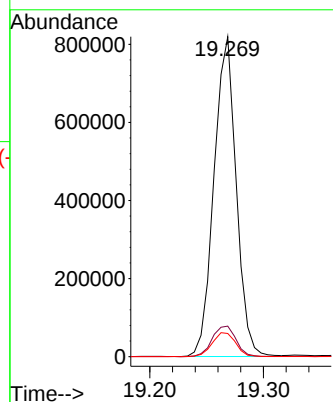
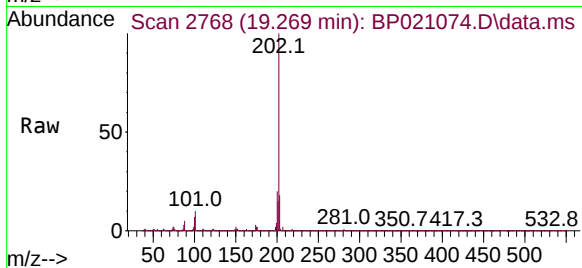
Tgt Ion:202 Resp: 1116252

Ion Ratio Lower Upper

202 100

101 9.5 8.0 12.0

100 7.3 6.1 9.1



#82

Pyrene

Concen: 11.441 ng/ul

RT: 19.645 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

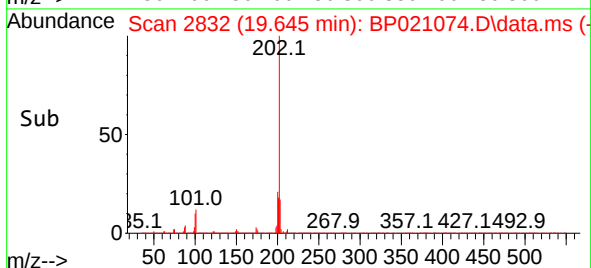
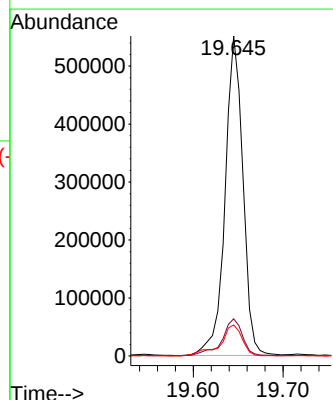
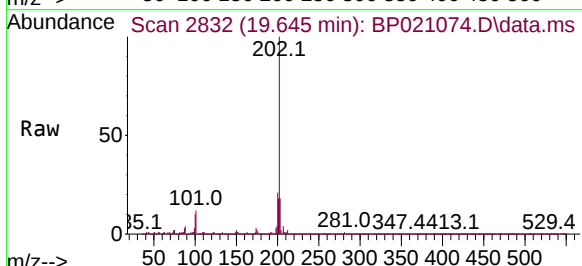
Tgt Ion:202 Resp: 763001

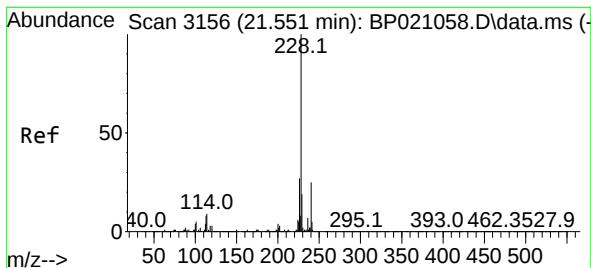
Ion Ratio Lower Upper

202 100

101 11.6 9.4 14.2

100 9.7 7.8 11.6





#85

Benzo(a)anthracene

Concen: 7.663 ng/ul

RT: 21.545 min Scan# 3156

Delta R.T. -0.018 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

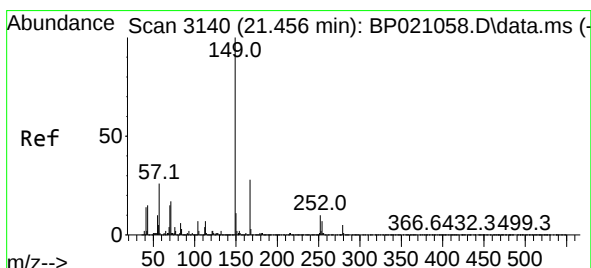
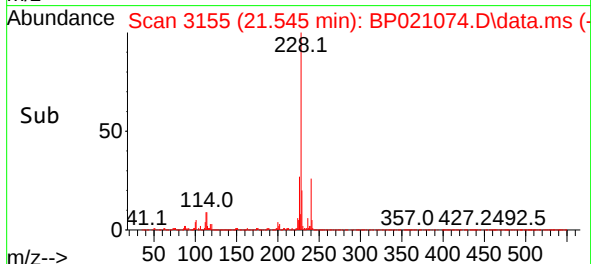
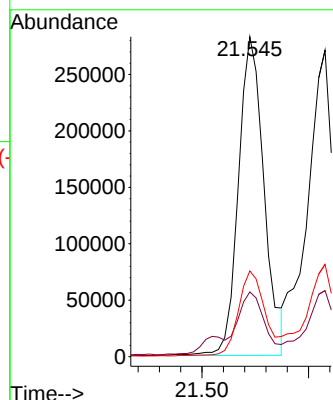
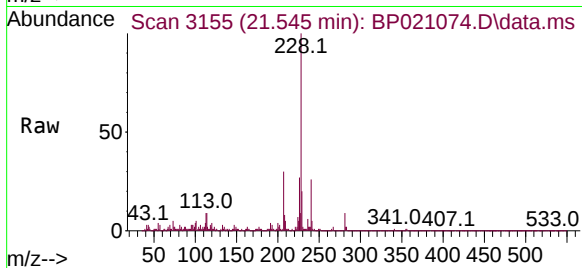
Tgt Ion:228 Resp: 471214

Ion Ratio Lower Upper

228 100

229 20.3 15.5 23.3

226 26.8 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.305 ng/ul

RT: 21.457 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

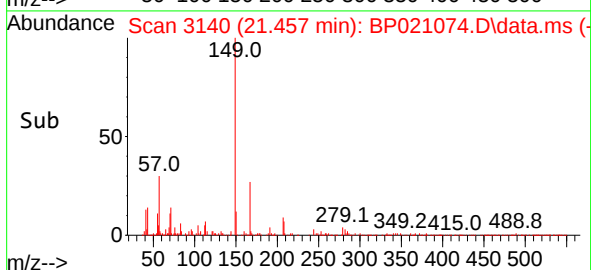
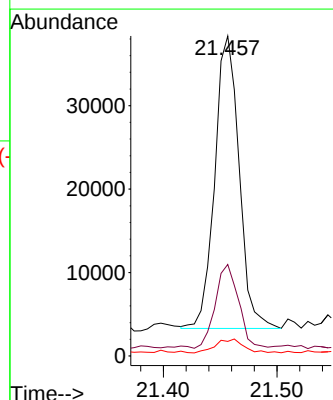
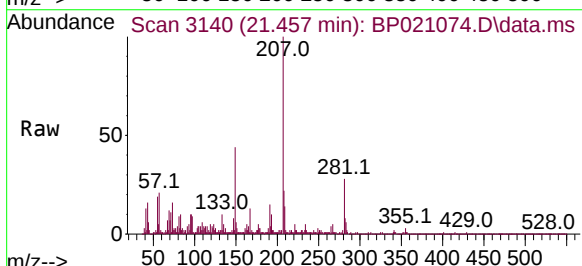
Tgt Ion:149 Resp: 52169

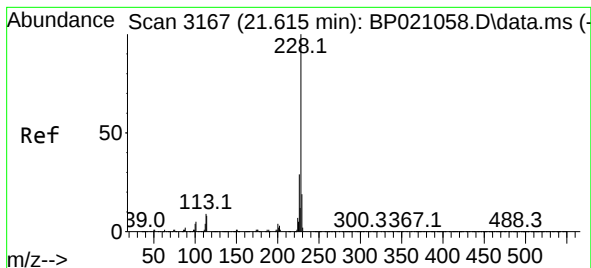
Ion Ratio Lower Upper

149 100

167 28.6 22.1 33.1

279 4.5 3.7 5.5





#87

Chrysene

Concen: 8.192 ng/ul

RT: 21.615 min Scan# 3167

Delta R.T. -0.012 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :

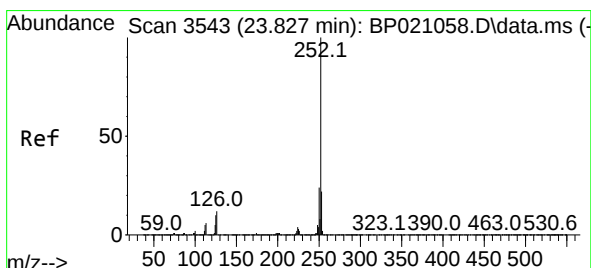
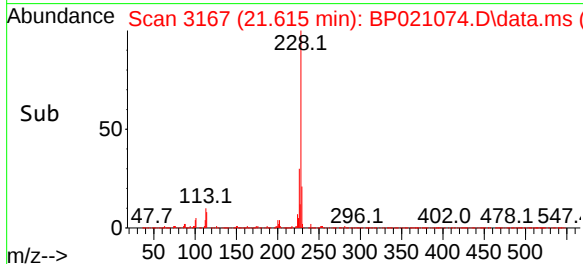
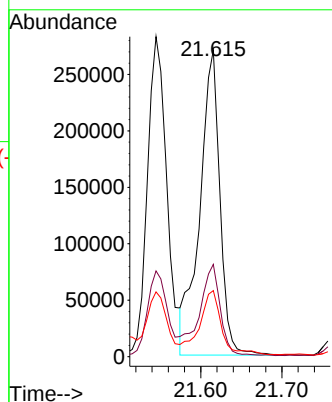
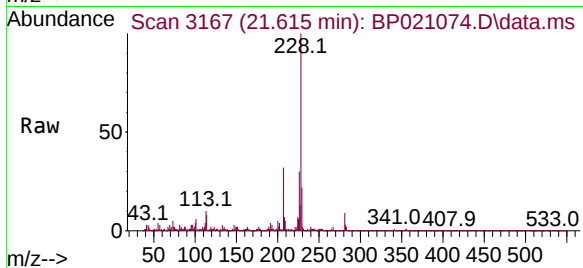
Tgt Ion:228 Resp: 468077

Ion Ratio Lower Upper

228 100

226 30.1 23.6 35.4

229 21.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 9.296 ng/ul

RT: 23.827 min Scan# 3543

Delta R.T. -0.024 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

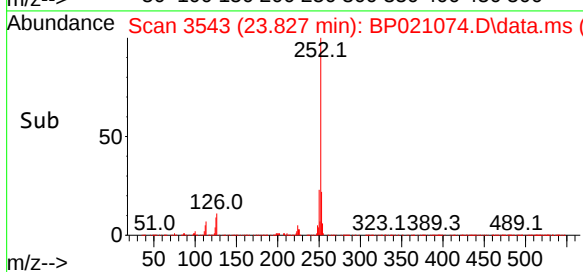
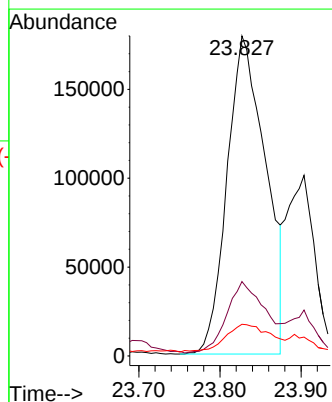
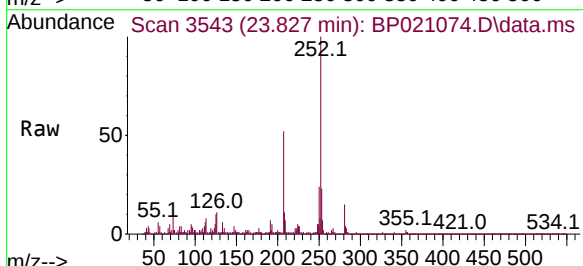
Tgt Ion:252 Resp: 591059

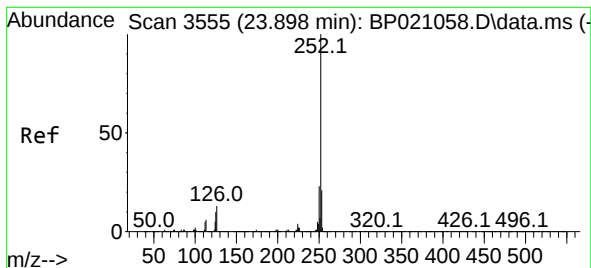
Ion Ratio Lower Upper

252 100

253 23.3 17.1 25.7

125 9.9 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 9.314 ng/ul

RT: 23.827 min Scan# 3

Delta R.T. -0.094 min

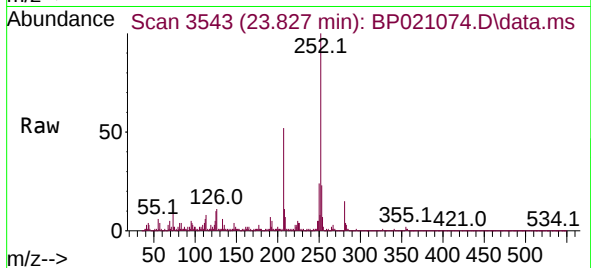
Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :



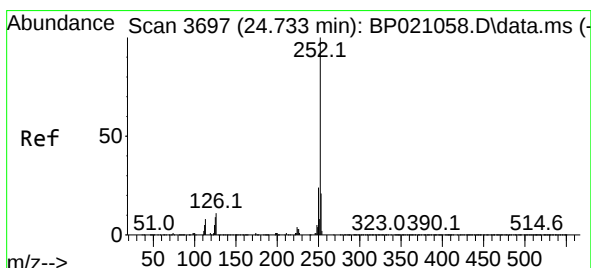
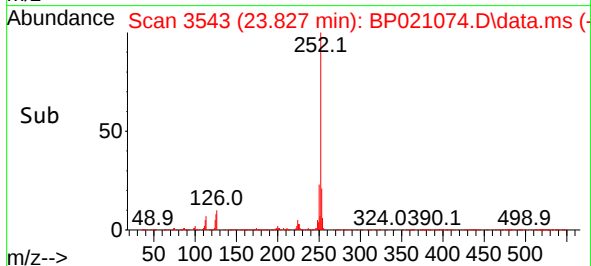
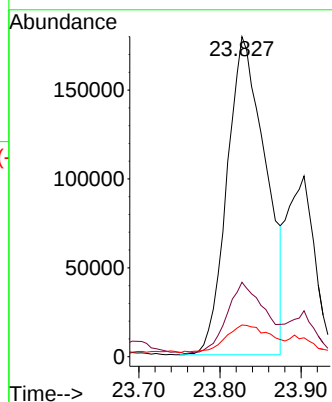
Tgt Ion:252 Resp: 591059

Ion Ratio Lower Upper

252 100

253 23.3 17.4 26.2

125 9.9 7.4 11.0



#93

Benzo(a)pyrene

Concen: 4.063 ng/ul

RT: 24.721 min Scan# 3695

Delta R.T. -0.041 min

Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

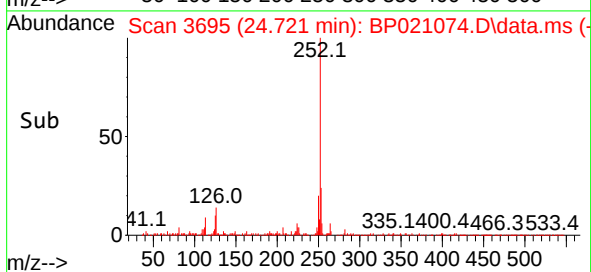
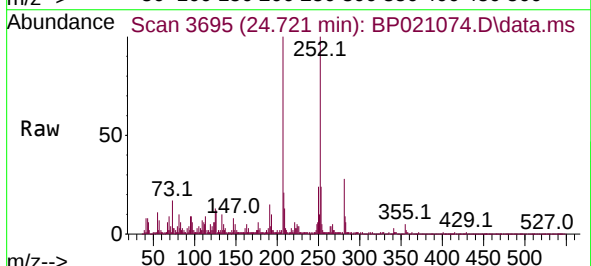
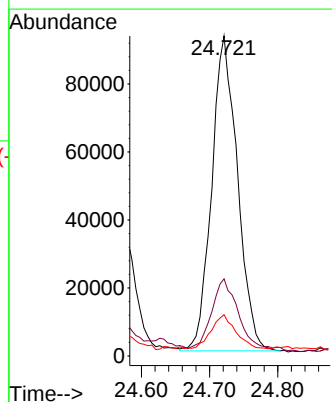
Tgt Ion:252 Resp: 244114

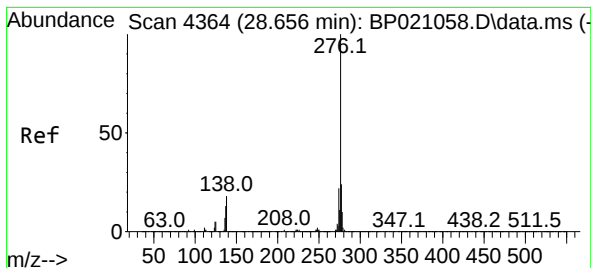
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.0

125 12.9 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.636 ng/ul

RT: 28.662 min Scan# 41

Delta R.T. -0.041 min

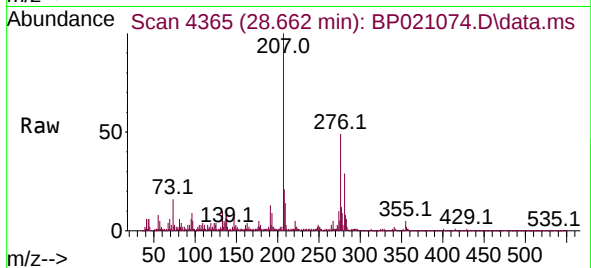
Lab File: BP021074.D

Acq: 19 Jul 2024 12:07

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 126696

Ion Ratio Lower Upper

276 100

138 20.5 14.3 21.5

277 24.2 19.2 28.8

