

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
 Data File : BP022478.D
 Acq On : 19 Oct 2024 16:18
 Operator : RC/JU
 Sample : P4346-20
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAY0

Quant Time: Oct 21 01:48:19 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 18 11:08:24 2024
 Response via : Initial Calibration

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

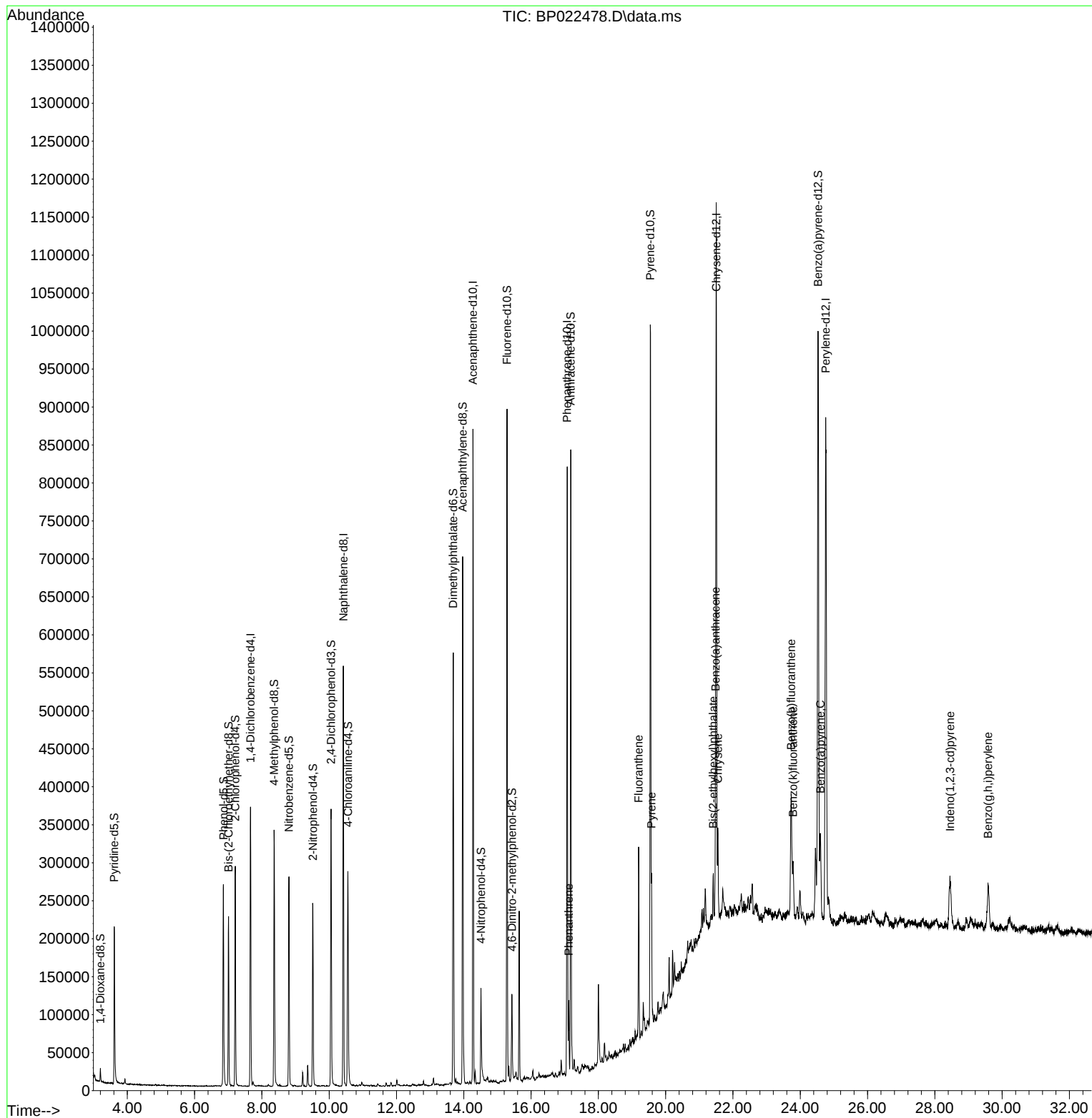
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	102729	20.000	ng/ul	0.00
20) Naphthalene-d8	10.422	136	385681	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.275	164	271720	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.075	188	527110	20.000	ng/ul	0.00
79) Chrysene-d12	21.504	240	558226	20.000	ng/ul	0.00
88) Perylene-d12	24.757	264	775643	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	7936	3.002	ng/uL	0.00
4) Pyridine-d5	3.611	84	113355	15.620	ng/ul	0.00
7) Phenol-d5	6.857	99	144558	16.717	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	92680	18.235	ng/ul	0.00
11) 2-Chlorophenol-d4	7.210	132	114130	18.600	ng/ul	0.00
15) 4-Methylphenol-d8	8.363	113	123086	17.836	ng/ul	0.00
21) Nitrobenzene-d5	8.804	128	55936	18.862	ng/ul	0.00
24) 2-Nitrophenol-d4	9.516	143	68123	19.842	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.057	165	135541	18.575	ng/ul	0.00
31) 4-Chloroaniline-d4	10.557	131	147320	17.086	ng/ul	0.00
46) Dimethylphthalate-d6	13.687	166	428238	19.836	ng/ul	0.00
49) Acenaphthylene-d8	13.969	160	454728	19.831	ng/ul	0.00
54) 4-Nitrophenol-d4	14.510	143	31245m	8.627	ng/ul	0.00
60) Fluorene-d10	15.286	176	345246	18.437	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.434	200	34827	10.046	ng/ul	0.02
73) Anthracene-d10	17.180	188	488634	19.706	ng/ul	0.01
81) Pyrene-d10	19.545	212	547367	18.542	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.527	264	823259	19.874	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.122	178	60407	2.142	ng/ul	97
80) Fluoranthene	19.198	202	160554	4.731	ng/ul	100
82) Pyrene	19.580	202	134444	3.696	ng/ul	98
85) Benzo(a)anthracene	21.480	228	110264	2.818	ng/ul	92
86) Bis(2-ethylhexyl)phtha...	21.416	149	27167	1.495	ng/ul	96
87) Chrysene	21.551	228	90236	2.487	ng/ul	97
90) Benzo(b)fluoranthene	23.733	252	208254	4.265	ng/ul	99
91) Benzo(k)fluoranthene	23.786	252	66905m	1.400	ng/ul	
93) Benzo(a)pyrene	24.604	252	137906	3.069	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.450	276	108102	1.803	ng/ul	96
96) Benzo(g,h,i)perylene	29.580	276	100254m	2.149	ng/ul	

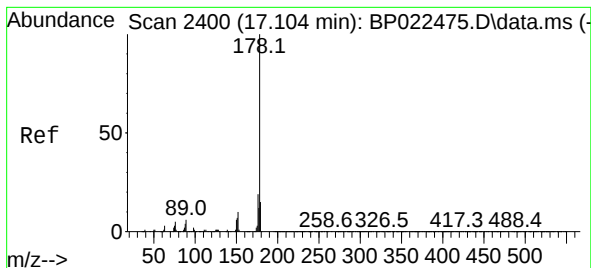
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101924\
Data File : BP022478.D
Acq On : 19 Oct 2024 16:18
Operator : RC/JU
Sample : P4346-20
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EOAY0

Quant Time: Oct 21 01:48:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP100724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 18 11:08:24 2024
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.142 ng/ul

RT: 17.122 min Scan# 2403

Delta R.T. 0.006 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

Instrument :

BNA_P

ClientSampleId :

EOAY0

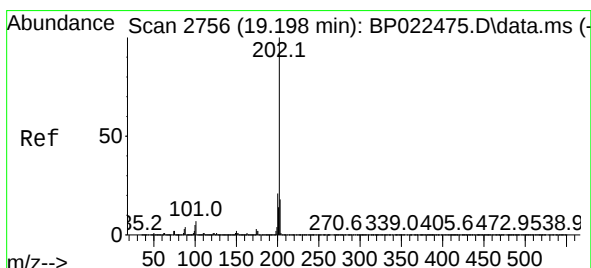
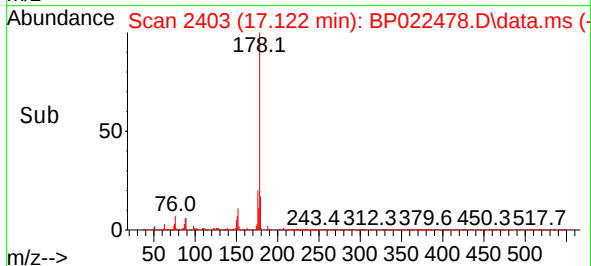
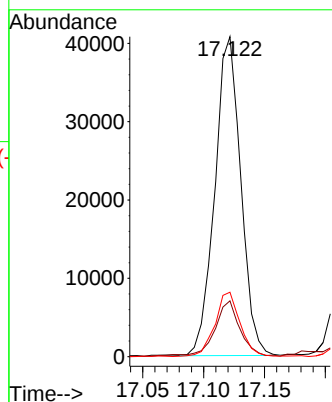
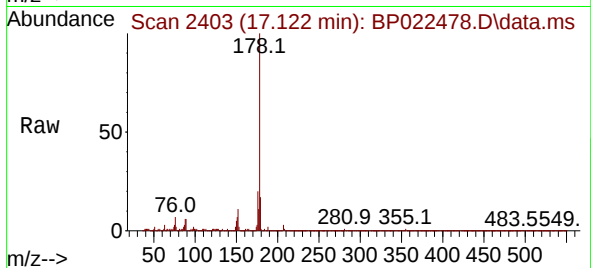
Tgt Ion:178 Resp: 60407

Ion Ratio Lower Upper

178 100

179 17.4 12.2 18.4

176 20.1 15.7 23.5



#80

Fluoranthene

Concen: 4.731 ng/ul

RT: 19.198 min Scan# 2756

Delta R.T. -0.011 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

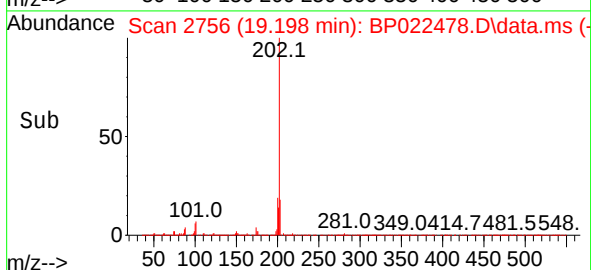
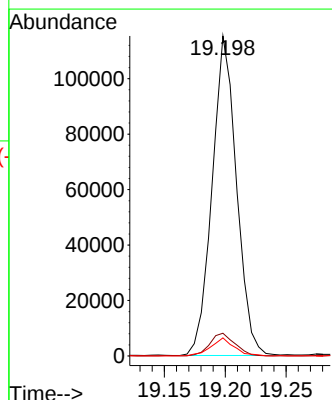
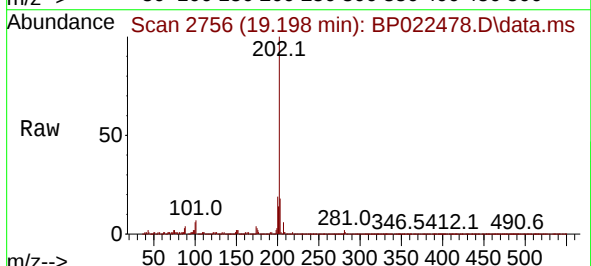
Tgt Ion:202 Resp: 160554

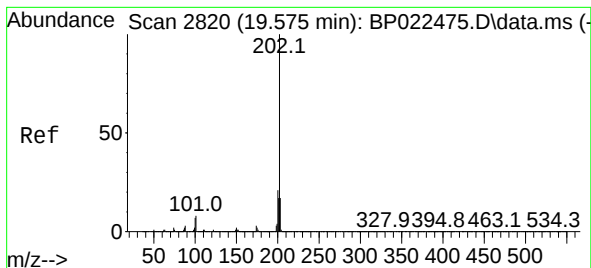
Ion Ratio Lower Upper

202 100

101 7.1 5.8 8.8

100 5.7 4.5 6.7





#82

Pyrene

Concen: 3.696 ng/ul

RT: 19.580 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

Instrument :

BNA_P

ClientSampleId :

EOAY0

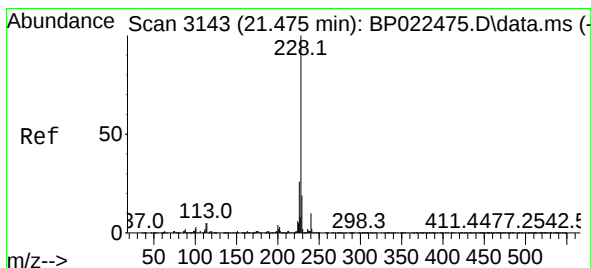
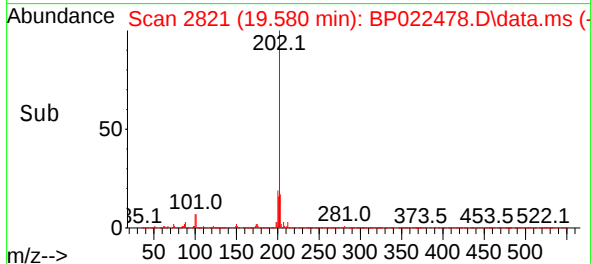
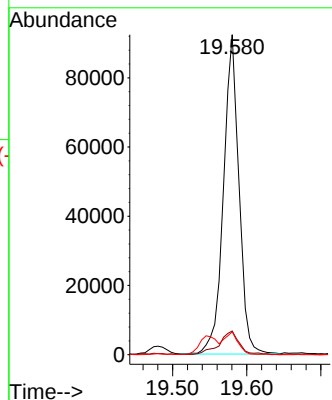
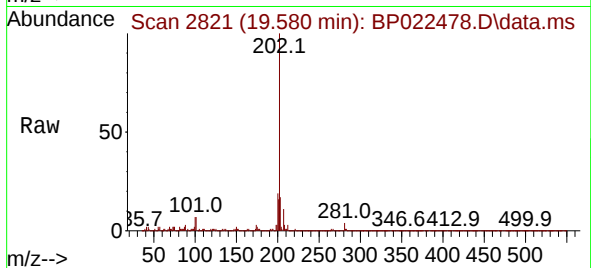
Tgt Ion:202 Resp: 134444

Ion Ratio Lower Upper

202 100

101 7.4 6.7 10.1

100 7.1 5.8 8.6



#85

Benzo(a)anthracene

Concen: 2.818 ng/ul

RT: 21.480 min Scan# 3144

Delta R.T. 0.000 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

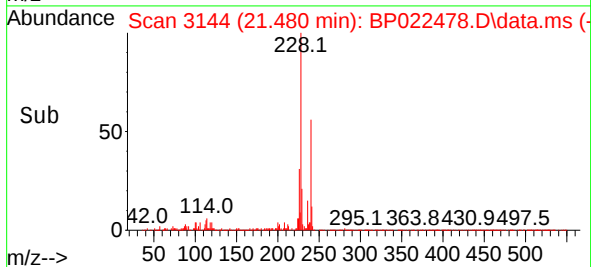
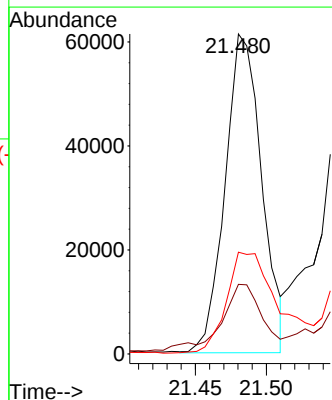
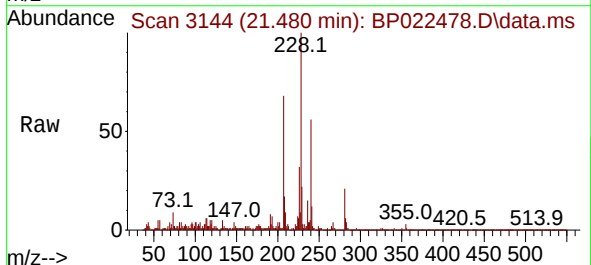
Tgt Ion:228 Resp: 110264

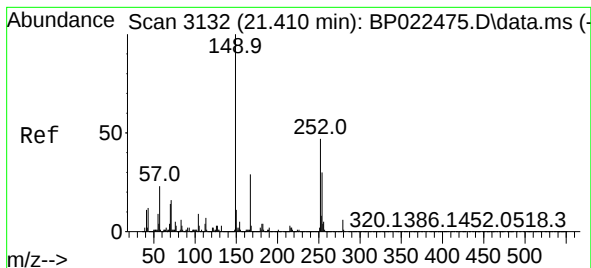
Ion Ratio Lower Upper

228 100

229 21.8 15.4 23.0

226 31.8 21.5 32.3





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.495 ng/ul

RT: 21.416 min Scan# 3132

Delta R.T. 0.000 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

Instrument :

BNA_P

ClientSampleId :

EOAY0

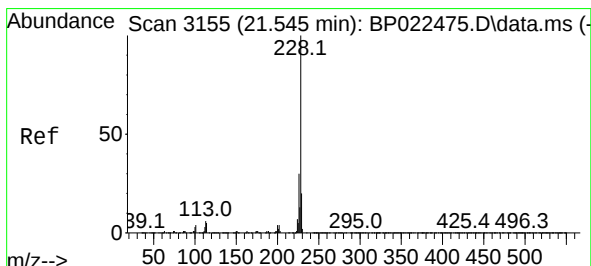
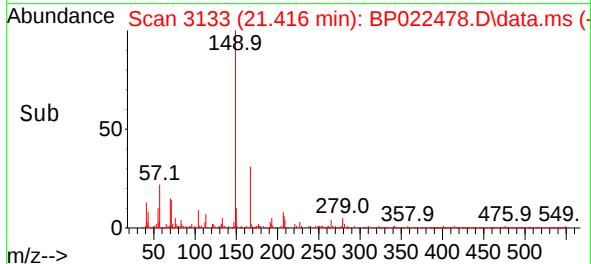
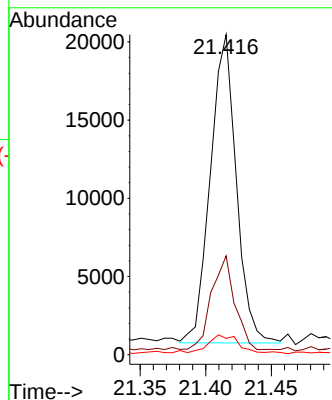
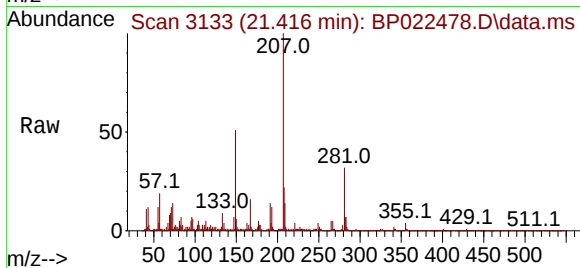
Tgt Ion:149 Resp: 27167

Ion Ratio Lower Upper

149 100

167 30.9 23.0 34.4

279 5.1 4.8 7.2



#87

Chrysene

Concen: 2.487 ng/ul

RT: 21.551 min Scan# 3156

Delta R.T. 0.006 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

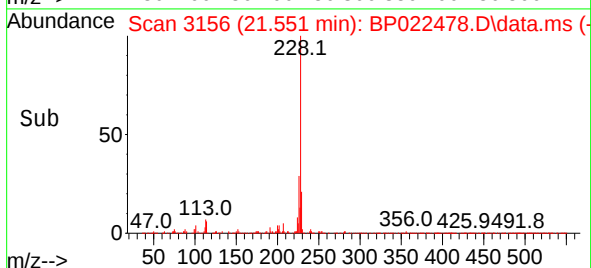
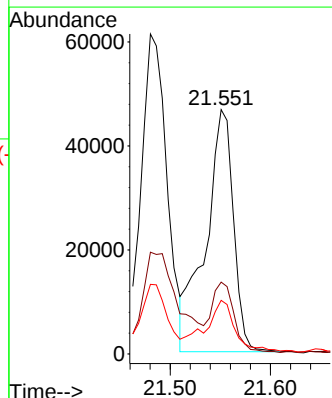
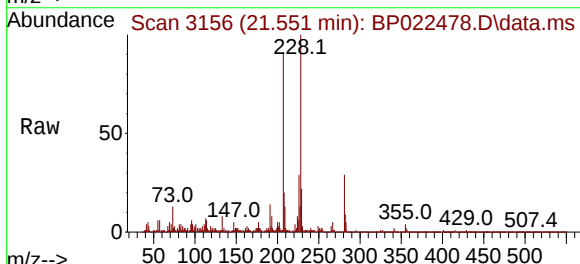
Tgt Ion:228 Resp: 90236

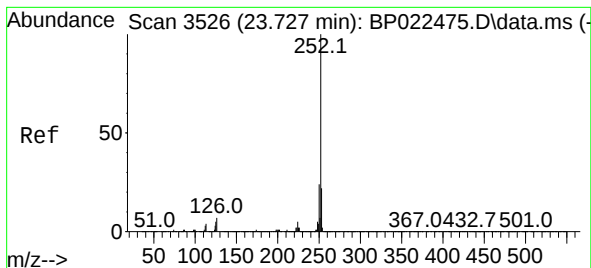
Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 22.0 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 4.265 ng/ul

RT: 23.733 min Scan# 3526

Delta R.T. 0.012 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

Instrument :

BNA_P

ClientSampleId :

EOAY0

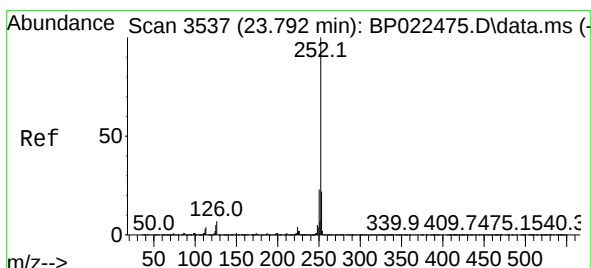
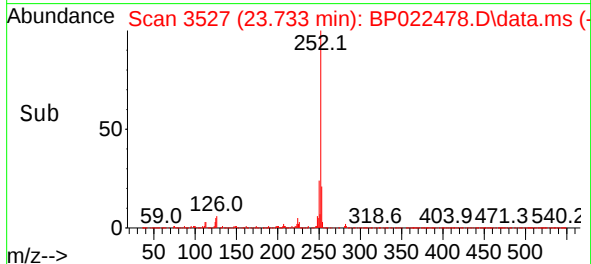
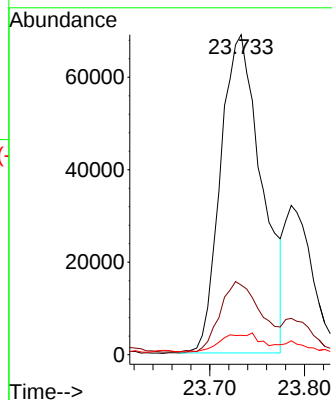
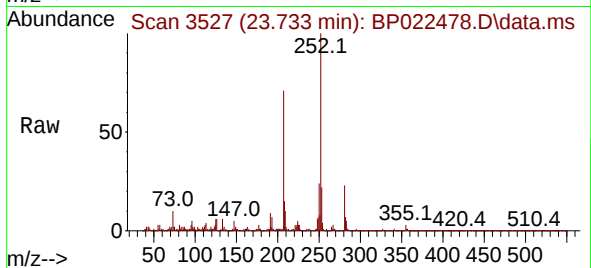
Tgt Ion:252 Resp: 208254

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.8

125 6.0 5.0 7.4



#91

Benzo(k)fluoranthene

Concen: 1.400 ng/ul m

RT: 23.786 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

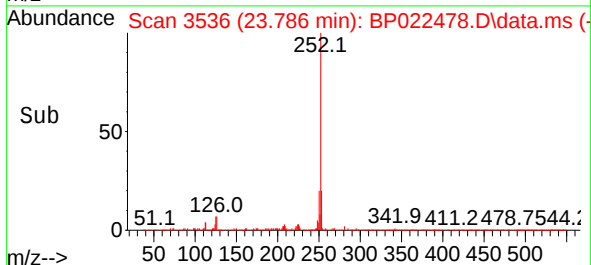
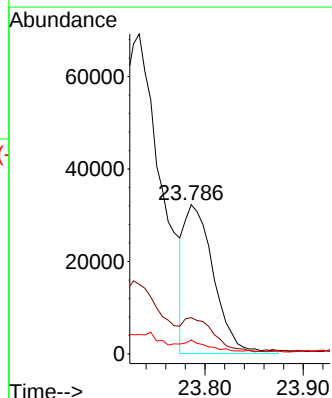
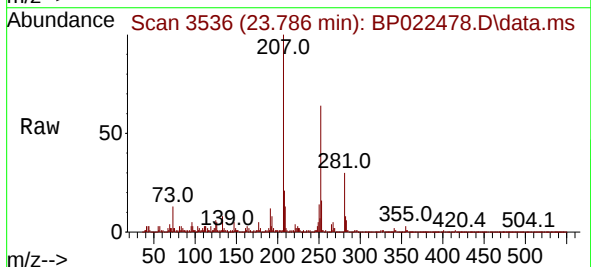
Tgt Ion:252 Resp: 66905

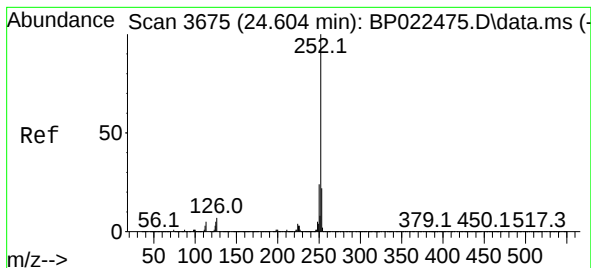
Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 9.3 4.6 6.8#





#93

Benzo(a)pyrene

Concen: 3.069 ng/ul

RT: 24.604 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

Instrument :

BNA_P

ClientSampleId :

EOAY0

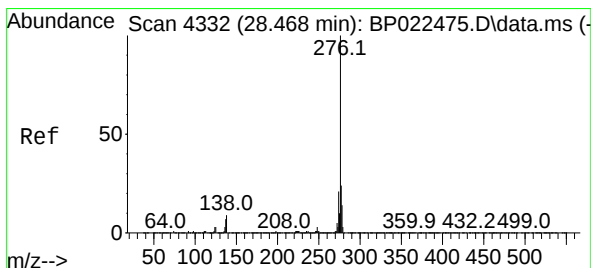
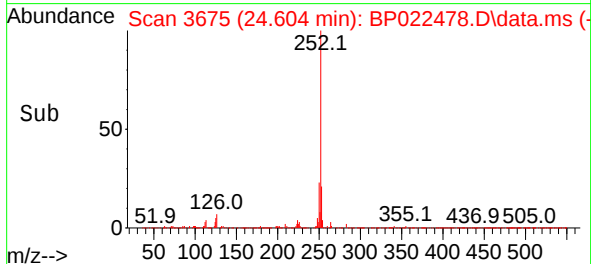
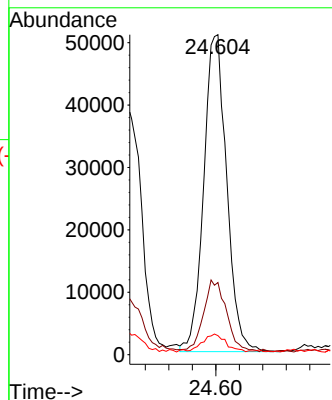
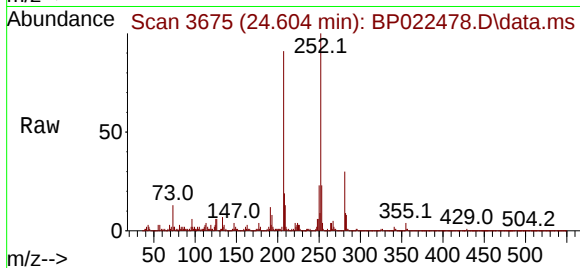
Tgt Ion:252 Resp: 137906

Ion Ratio Lower Upper

252 100

253 22.5 17.7 26.5

125 6.0 4.9 7.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.803 ng/ul

RT: 28.450 min Scan# 4329

Delta R.T. 0.018 min

Lab File: BP022478.D

Acq: 19 Oct 2024 16:18

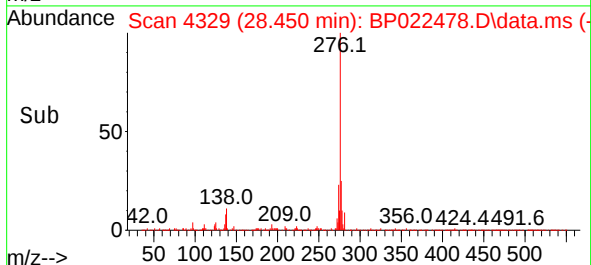
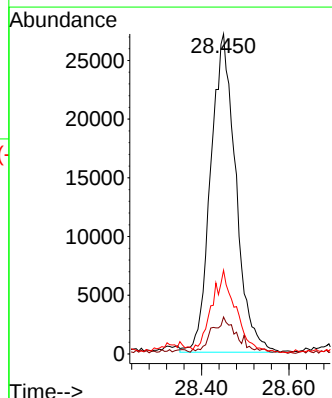
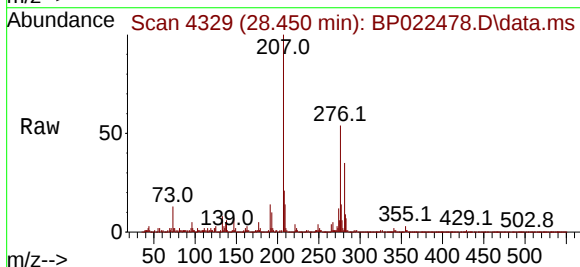
Tgt Ion:276 Resp: 108102

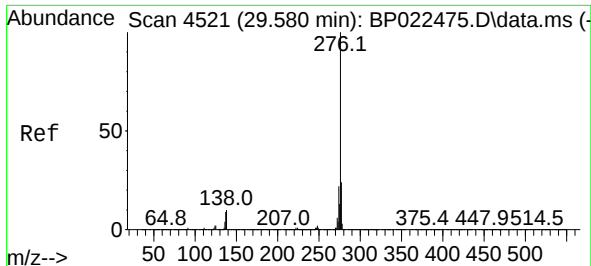
Ion Ratio Lower Upper

276 100

138 11.5 9.1 13.7

277 26.1 18.6 27.8





#96
 Benzo(g,h,i)perylene
 Concen: 2.149 ng/ul m
 RT: 29.580 min Scan# 4
 Delta R.T. 0.006 min
 Lab File: BP022478.D
 Acq: 19 Oct 2024 16:18

Instrument :
 BNA_P
 ClientSampleId :
 EOAY0

Tgt Ion:276 Resp: 100254
 Ion Ratio Lower Upper
 276 100
 138 10.8 8.5 12.7
 277 26.1 19.0 28.4

