

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014979.D
 Acq On : 05 May 2023 12:35
 Operator : CG/JU
 Sample : 02479-16 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW975

Quant Time: May 05 22:30:19 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

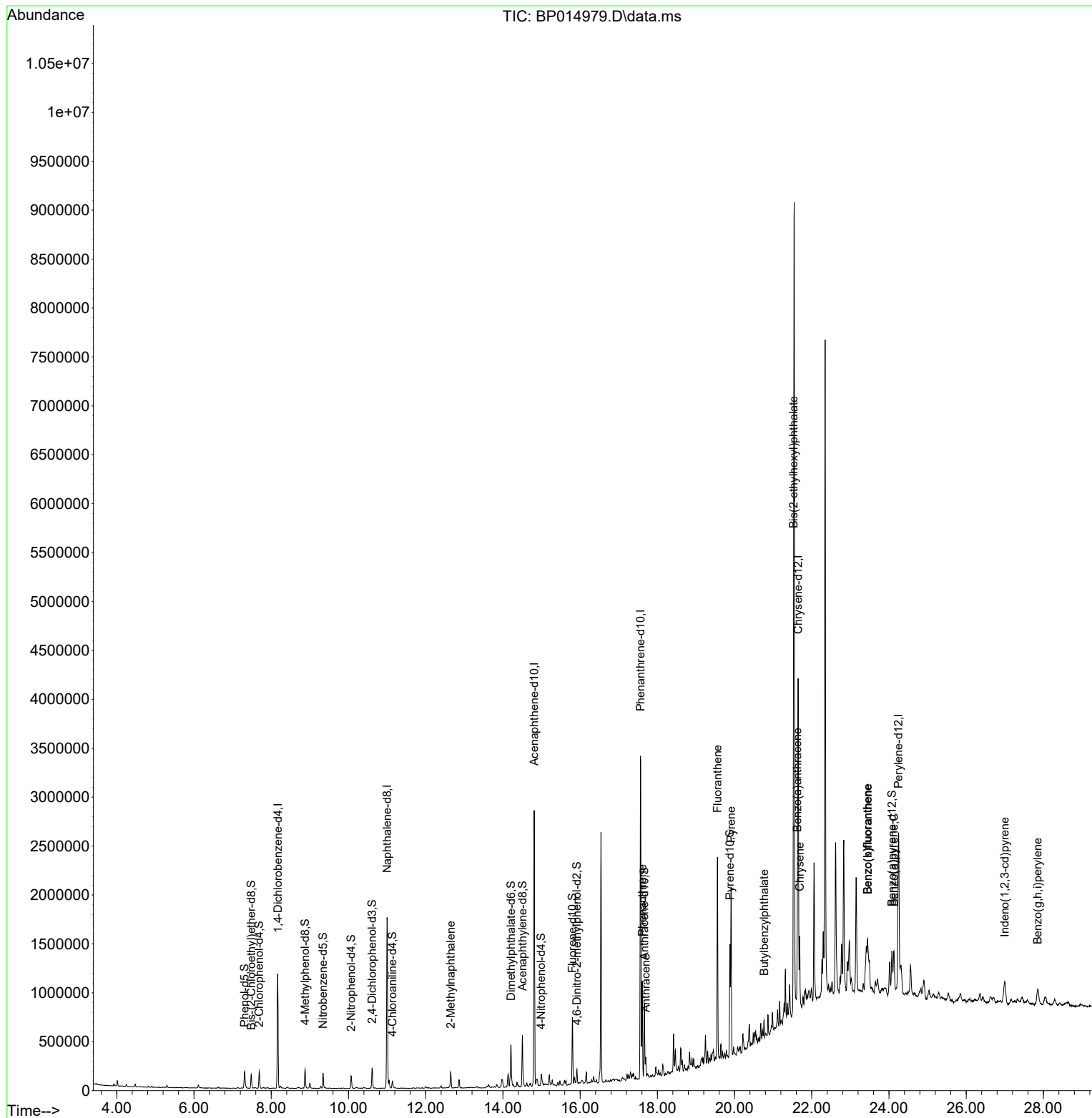
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.169	152	326135	20.000	ng/ul	0.00
20) Naphthalene-d8	10.999	136	1463001	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.810	164	936989	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.563	188	2015135	20.000	ng/ul	0.00
79) Chrysene-d12	21.645	240	1518348	20.000	ng/ul	0.00
88) Perylene-d12	24.245	264	1391296	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.458	96	4762	0.543	ng/uL	0.00
4) Pyridine-d5	3.905	84	328	0.014	ng/ul	0.00
7) Phenol-d5	7.311	99	102025	3.608	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	62101	3.553	ng/ul	0.00
11) 2-Chlorophenol-d4	7.687	132	78247	3.764	ng/ul	0.00
15) 4-Methylphenol-d8	8.875	113	77829	3.572	ng/ul	0.00
21) Nitrobenzene-d5	9.340	128	37483	3.602	ng/ul	0.00
24) 2-Nitrophenol-d4	10.069	143	41388	3.874	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	80703	3.847	ng/ul	0.00
31) 4-Chloroaniline-d4	11.140	131	43416	1.431	ng/ul	0.00
46) Dimethylphthalate-d6	14.210	166	287951	4.342	ng/ul	0.00
49) Acenaphthylene-d8	14.504	160	324802	4.084	ng/ul	0.00
54) 4-Nitrophenol-d4	14.992	143	29826	2.585	ng/ul	0.00
60) Fluorene-d10	15.798	176	259578	4.550	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	28459	2.509	ng/ul	0.00
73) Anthracene-d10	17.663	188	407845	4.504	ng/ul	0.00
81) Pyrene-d10	19.880	212	457390	4.466	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.074	264	315218	4.650	ng/ul	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.651	142	75818	1.525	ng/ul	98
72) Phenanthrene	17.610	178	591638	5.314	ng/ul	100
74) Anthracene	17.698	178	124991	1.128	ng/ul	99
80) Fluoranthene	19.557	202	1152904	9.175	ng/ul	98
82) Pyrene	19.910	202	991981	7.451	ng/ul	96
83) Butylbenzylphthalate	20.763	149	52131	1.304	ng/ul	94
85) Benzo(a)anthracene	21.627	228	458867	4.528	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	844057	16.783	ng/ul#	100
87) Chrysene	21.686	228	441217	4.324	ng/ul	98
90) Benzo(b)fluoranthene	23.445	252	524656	5.835	ng/ul	95
91) Benzo(k)fluoranthene	23.445	252	524656	5.733	ng/ul	97
93) Benzo(a)pyrene	24.127	252	336150	4.263	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.998	276	236169	2.455	ng/ul	97
96) Benzo(g,h,i)perylene	27.851	276	233376	2.851	ng/ul	98

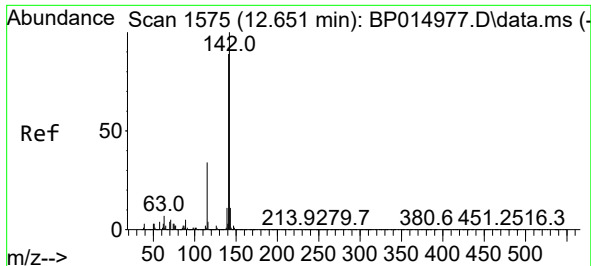
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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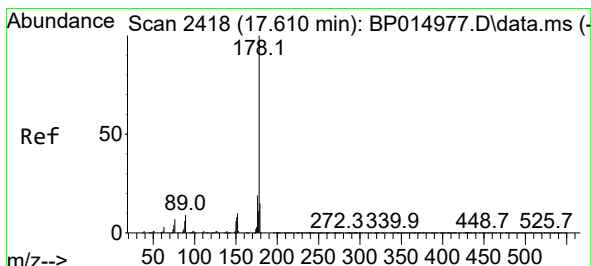
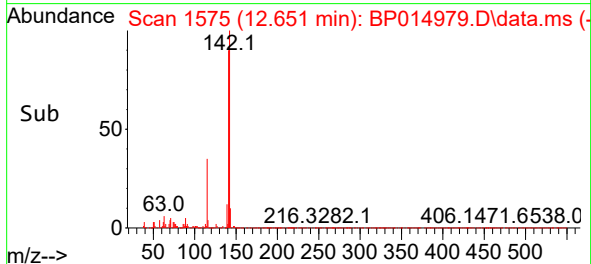
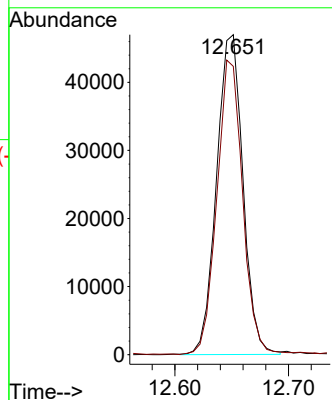
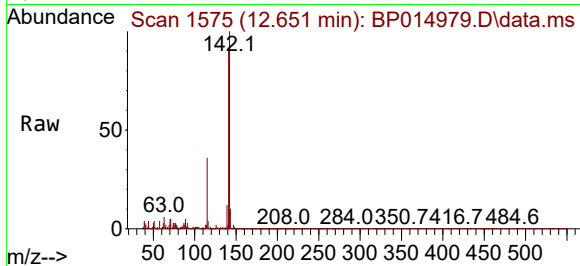




#36
2-Methylnaphthalene
Concen: 1.525 ng/ul
RT: 12.651 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BP014979.D
Acq: 05 May 2023 12:35

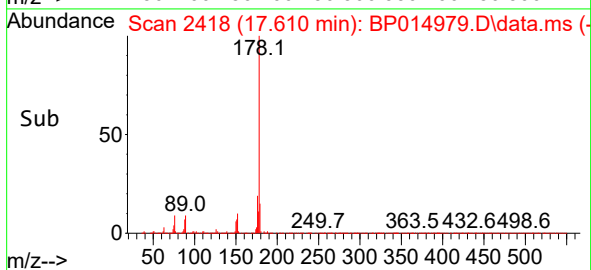
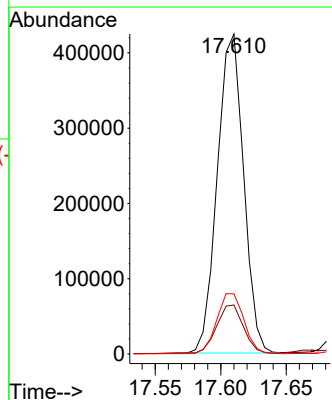
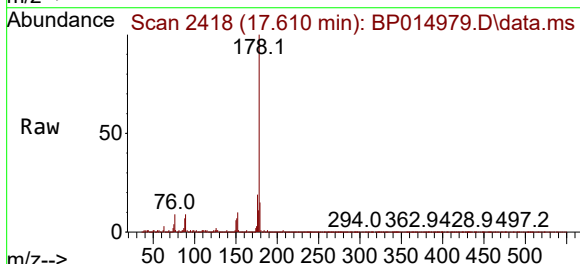
Instrument :
BNA_P
ClientSampleId :
EW975

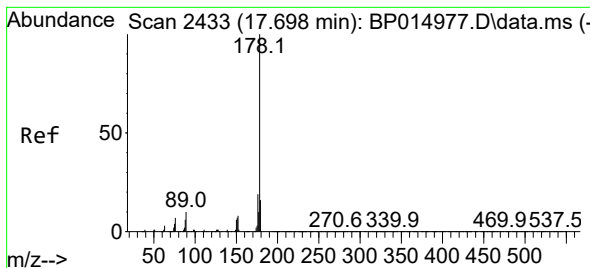
Tgt Ion:142 Resp: 75818
Ion Ratio Lower Upper
142 100
141 90.1 70.5 105.7



#72
Phenanthrene
Concen: 5.314 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BP014979.D
Acq: 05 May 2023 12:35

Tgt Ion:178 Resp: 591638
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.4
176 18.8 15.4 23.0





#74

Anthracene

Concen: 1.128 ng/ul

RT: 17.698 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

ClientSampleId :

EW975

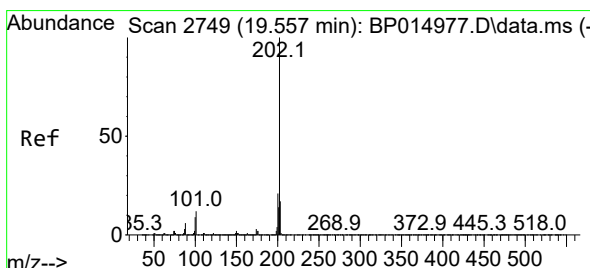
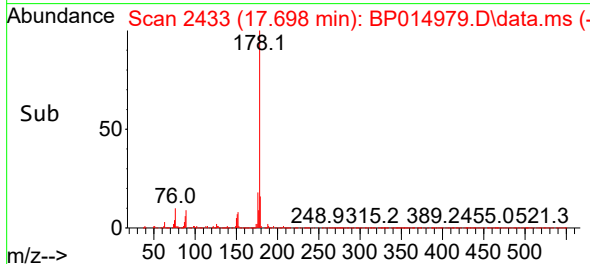
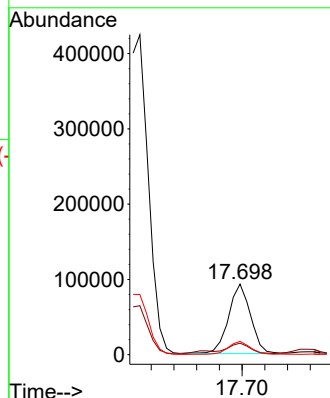
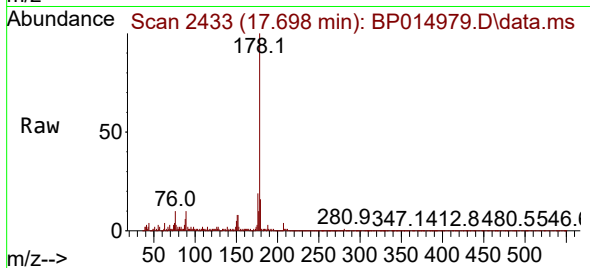
Tgt Ion:178 Resp: 124991

Ion Ratio Lower Upper

178 100

179 16.4 12.6 18.8

176 18.8 15.0 22.4



#80

Fluoranthene

Concen: 9.175 ng/ul

RT: 19.557 min Scan# 2749

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

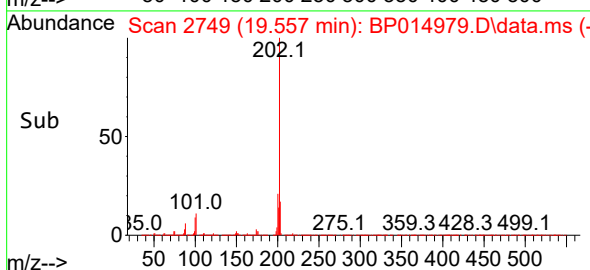
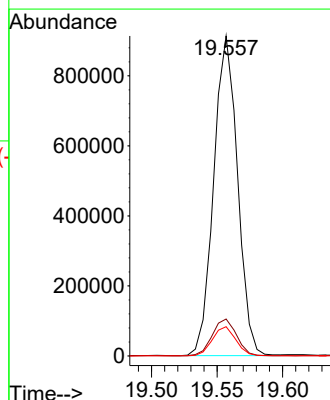
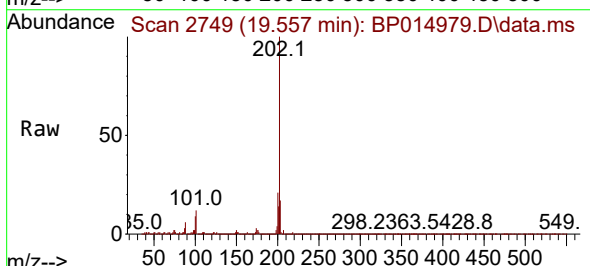
Tgt Ion:202 Resp: 1152904

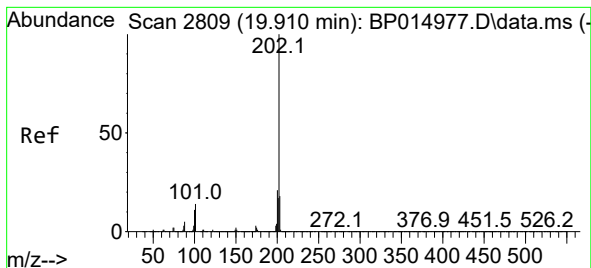
Ion Ratio Lower Upper

202 100

101 11.6 10.1 15.1

100 9.1 7.7 11.5





#82

Pyrene

Concen: 7.451 ng/ul

RT: 19.910 min Scan# 2809

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

ClientSampleId :

EW975

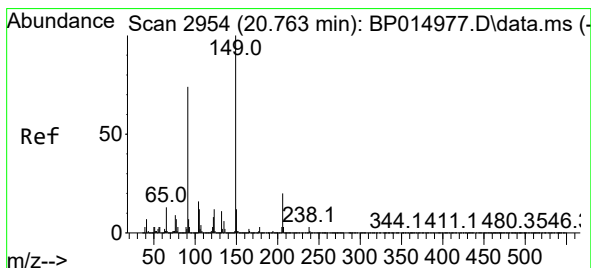
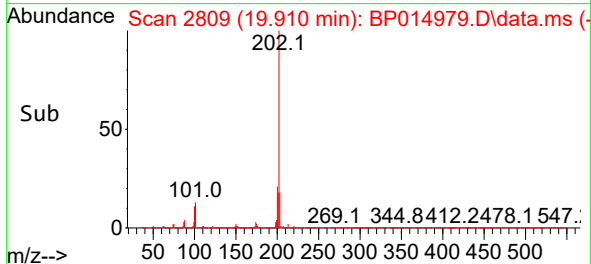
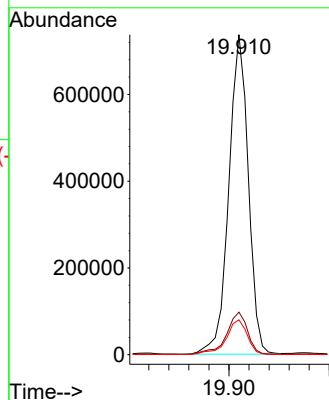
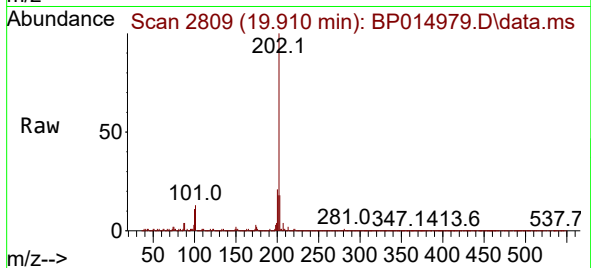
Tgt Ion:202 Resp: 991981

Ion Ratio Lower Upper

202 100

101 13.3 11.9 17.9

100 10.9 9.7 14.5



#83

Butylbenzylphthalate

Concen: 1.304 ng/ul

RT: 20.763 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

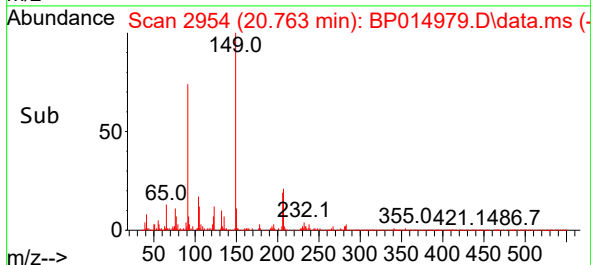
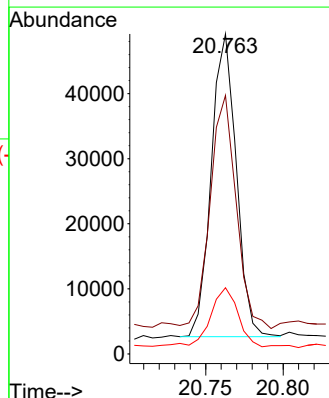
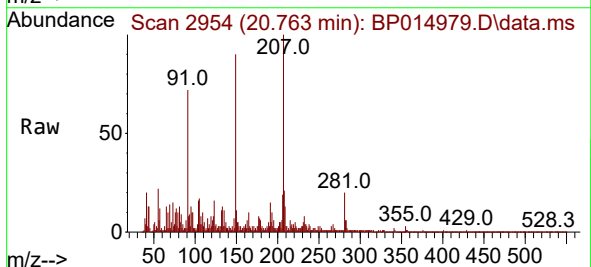
Tgt Ion:149 Resp: 52131

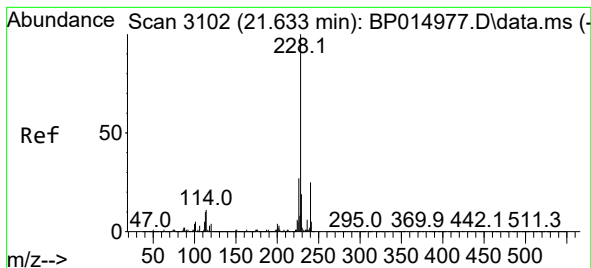
Ion Ratio Lower Upper

149 100

91 80.8 60.1 90.1

206 20.7 16.0 24.0





#85

Benzo(a)anthracene

Concen: 4.528 ng/ul

RT: 21.627 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

ClientSampleId :

EW975

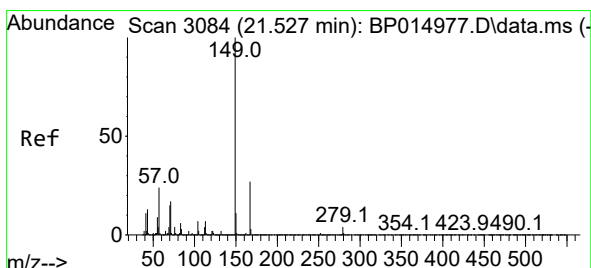
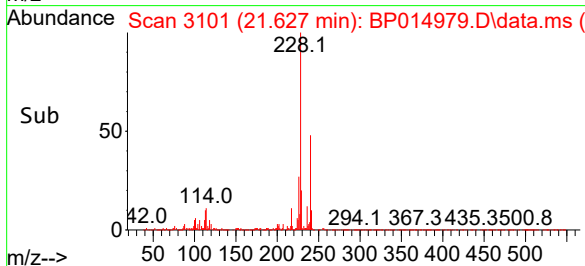
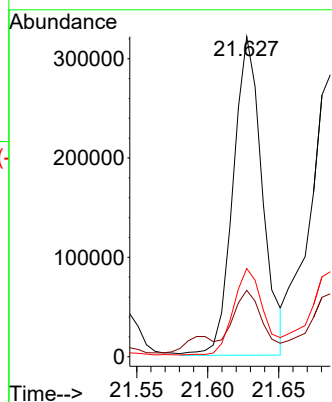
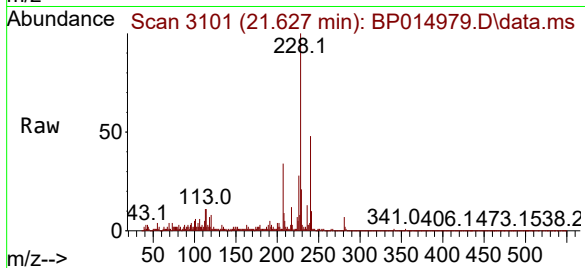
Tgt Ion:228 Resp: 458867

Ion Ratio Lower Upper

228 100

229 20.8 15.9 23.9

226 27.5 22.1 33.1



#86

Bis(2-ethylhexyl)phthalate

Concen: 16.783 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

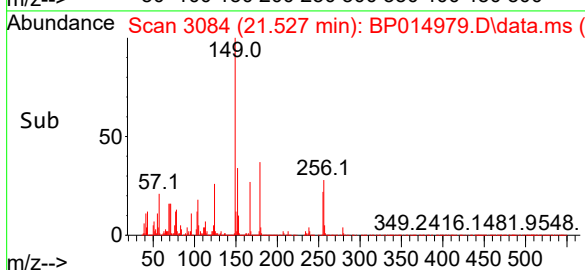
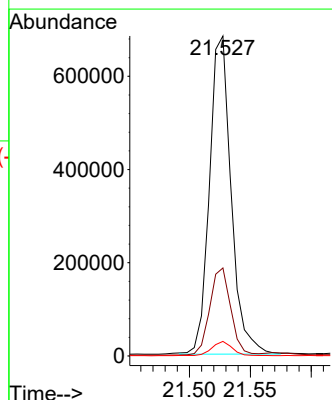
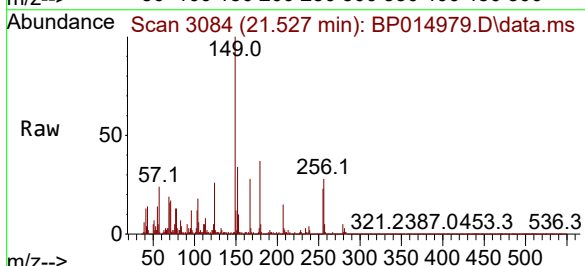
Tgt Ion:149 Resp: 844057

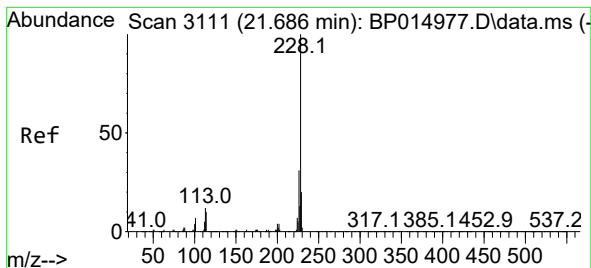
Ion Ratio Lower Upper

149 100

167 27.5 22.0 33.0

279 4.5 2.9 4.3#





#87

Chrysene

Concen: 4.324 ng/ul

RT: 21.686 min Scan# 3111

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

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EW975

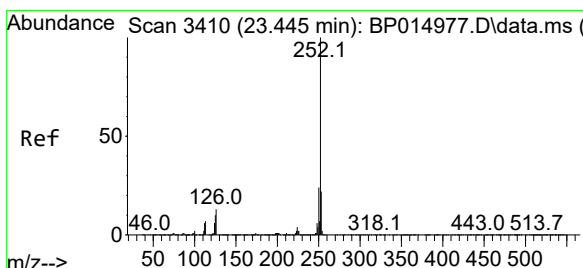
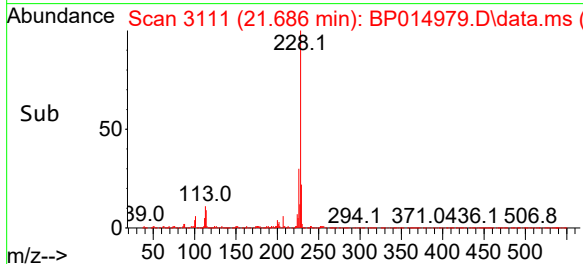
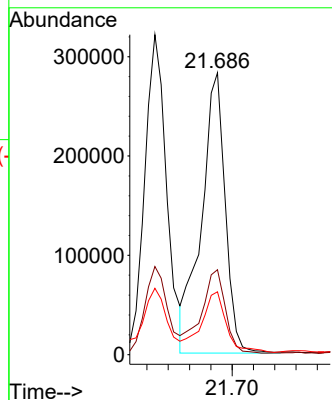
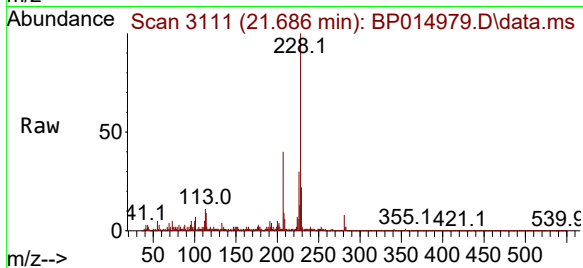
Tgt Ion:228 Resp: 441217

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 22.3 15.8 23.8



#90

Benzo(b)fluoranthene

Concen: 5.835 ng/ul

RT: 23.445 min Scan# 3410

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

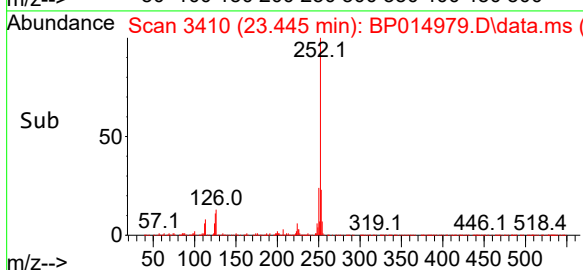
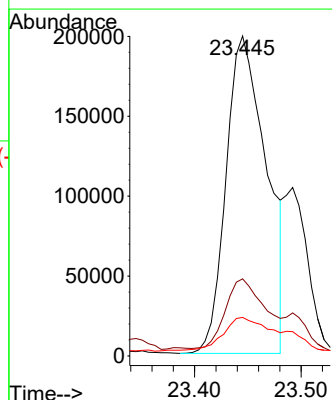
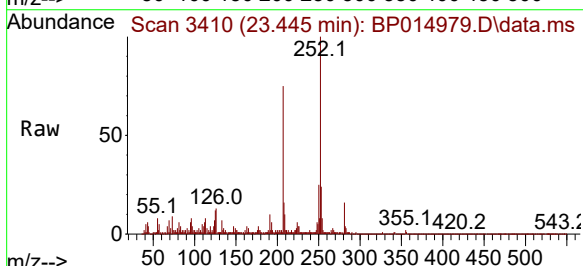
Tgt Ion:252 Resp: 524656

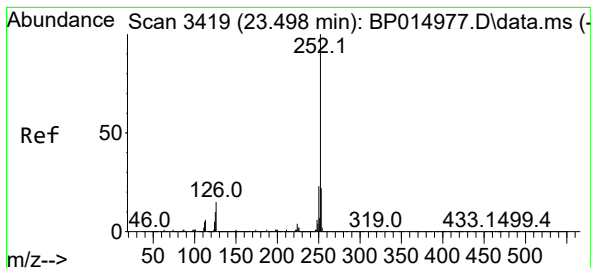
Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 12.0 8.4 12.6





#91

Benzo(k)fluoranthene

Concen: 5.733 ng/ul

RT: 23.445 min Scan# 3419

Delta R.T. -0.053 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

ClientSampleId :

EW975

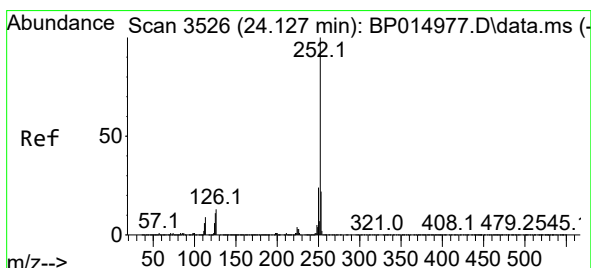
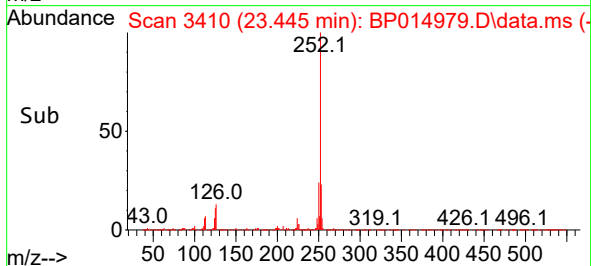
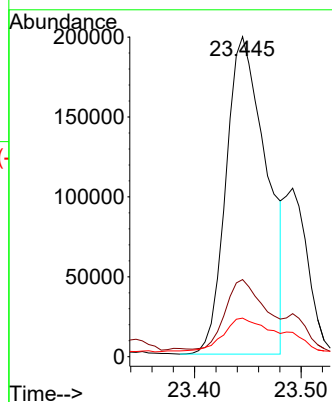
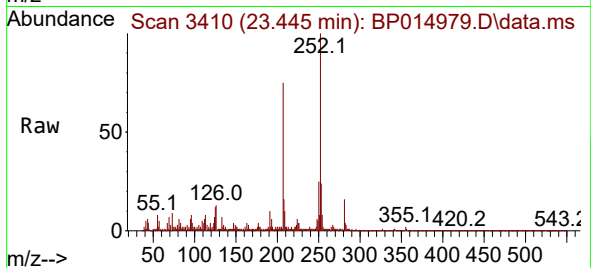
Tgt Ion:252 Resp: 524656

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 12.0 8.9 13.3



#93

Benzo(a)pyrene

Concen: 4.263 ng/ul

RT: 24.127 min Scan# 3526

Delta R.T. 0.000 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

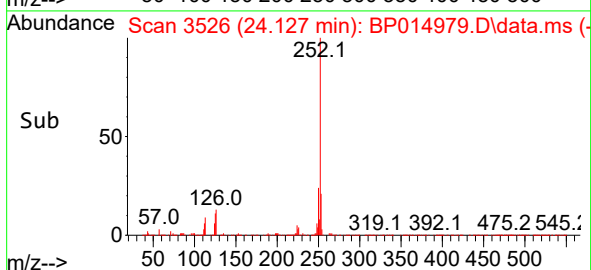
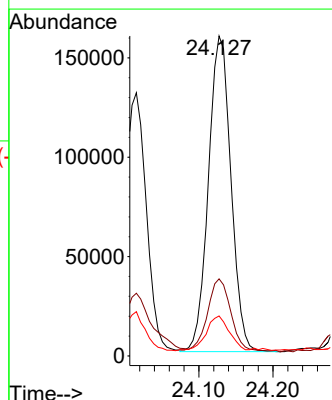
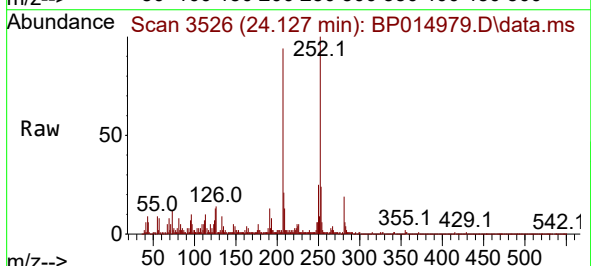
Tgt Ion:252 Resp: 336150

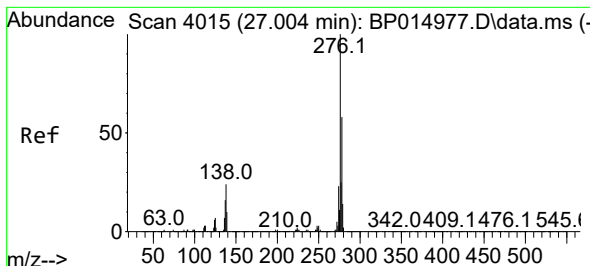
Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

125 12.5 9.4 14.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.455 ng/ul

RT: 26.998 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Instrument :

BNA_P

ClientSampleId :

EW975

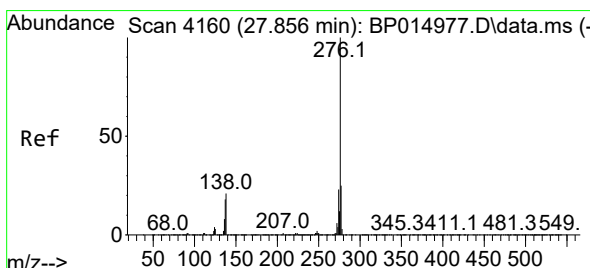
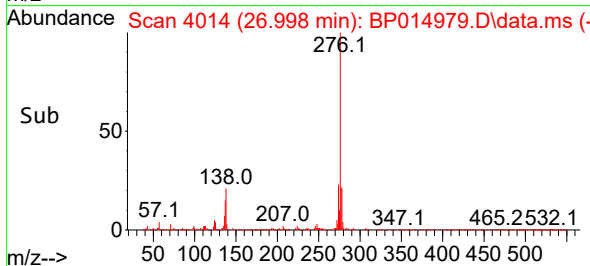
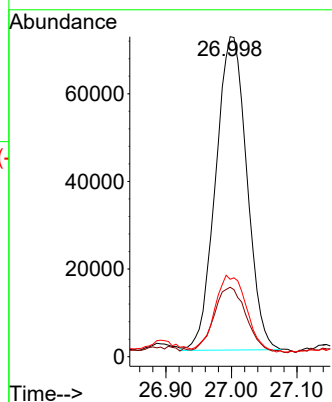
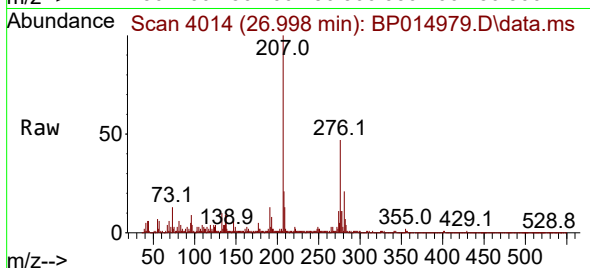
Tgt Ion:276 Resp: 236169

Ion Ratio Lower Upper

276 100

138 21.7 19.4 29.0

277 24.2 19.4 29.2



#96

Benzo(g,h,i)perylene

Concen: 2.851 ng/ul

RT: 27.851 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP014979.D

Acq: 05 May 2023 12:35

Tgt Ion:276 Resp: 233376

Ion Ratio Lower Upper

276 100

138 21.3 18.0 27.0

277 25.8 19.8 29.8

