

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014836.D
 Acq On : 26 Apr 2023 12:42
 Operator : CG/JU
 Sample : 02418-22
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z6

Quant Time: Apr 26 22:33:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 26 02:53:24 2023
 Response via : Initial Calibration

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

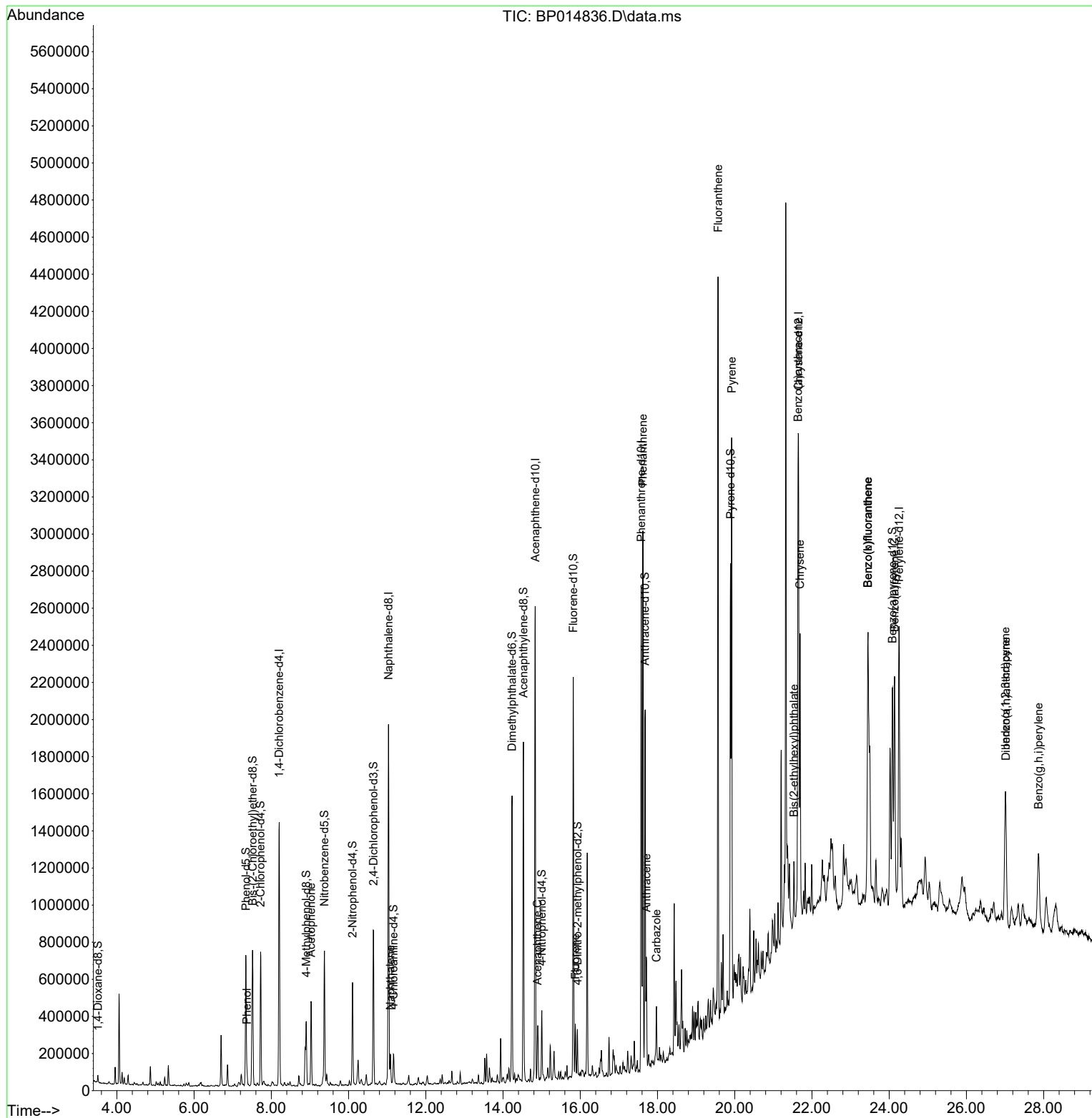
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.205	152	379050	20.000	ng/u1	0.00
20) Naphthalene-d8	11.034	136	1559549	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.834	164	882105	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.581	188	1502777	20.000	ng/u1	0.00
79) Chrysene-d12	21.651	240	990988	20.000	ng/u1	0.00
88) Perylene-d12	24.257	264	1217462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	19549	2.028	ng/uL	0.00
4) Pyridine-d5	3.934	84	657	0.023	ng/u1	0.00
7) Phenol-d5	7.340	99	395444	11.476	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	275767	13.317	ng/u1	0.00
11) 2-Chlorophenol-d4	7.722	132	329088	12.934	ng/u1	0.00
15) 4-Methylphenol-d8	8.905	113	131595	4.755	ng/u1	0.00
21) Nitrobenzene-d5	9.375	128	168516	14.435	ng/u1	0.00
24) 2-Nitrophenol-d4	10.105	143	182217	15.186	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	313060	12.552	ng/u1	0.00
31) 4-Chloroaniline-d4	11.163	131	95615	2.672	ng/u1	0.00
46) Dimethylphthalate-d6	14.234	166	1029380	15.039	ng/u1	0.00
49) Acenaphthylene-d8	14.528	160	1185502	15.108	ng/u1	0.00
54) 4-Nitrophenol-d4	15.004	143	81691	6.551	ng/u1	0.00
60) Fluorene-d10	15.822	176	843262	14.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	50387	6.043	ng/u1	0.00
73) Anthracene-d10	17.681	188	1069859	15.161	ng/u1	0.00
81) Pyrene-d10	19.892	212	952376	15.807	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.086	264	980037	15.528	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.369	94	42414	1.184	ng/u1	96
16) Acetophenone	9.028	105	249516	5.763	ng/u1	97
30) Naphthalene	11.087	128	133848	1.552	ng/u1	98
52) Acenaphthene	14.893	153	99291	1.704	ng/u1	99
61) Fluorene	15.875	166	118435	1.830	ng/u1	97
72) Phenanthrene	17.622	178	1679045	20.403	ng/u1	99
74) Anthracene	17.710	178	358049	4.315	ng/u1	99
77) Carbazole	17.975	167	182292	2.581	ng/u1	99
80) Fluoranthene	19.569	202	2208941	31.110	ng/u1	100
82) Pyrene	19.922	202	1787390	24.339	ng/u1	98
85) Benzo(a)anthracene	21.639	228	947180	13.739	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	85363	2.334	ng/u1#	98
87) Chrysene	21.692	228	936670	14.332	ng/u1	98
90) Benzo(b)fluoranthene	23.451	252	1384777	16.609	ng/u1	97
91) Benzo(k)fluoranthene	23.451	252	1384777	17.125	ng/u1	98
93) Benzo(a)pyrene	24.139	252	924845	13.096	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	27.010	276	727385	9.134	ng/u1	95
95) Dibenzo(a,h)anthracene	27.021	278	191273	2.880	ng/u1#	89
96) Benzo(g,h,i)perylene	27.868	276	595273	9.435	ng/u1	99

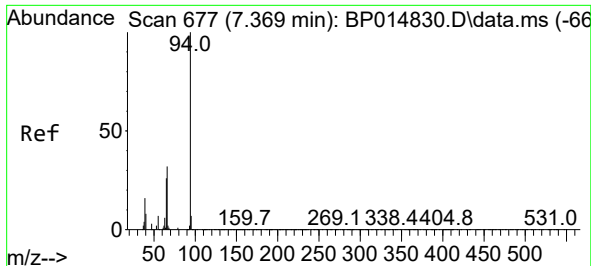
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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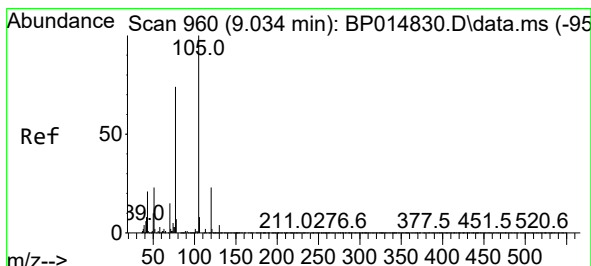
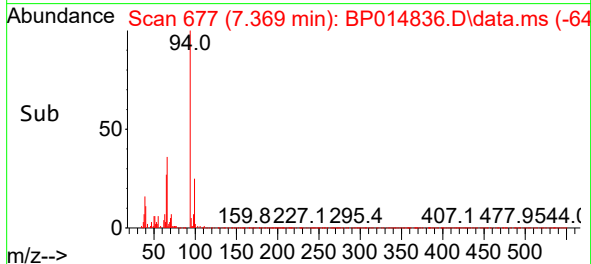
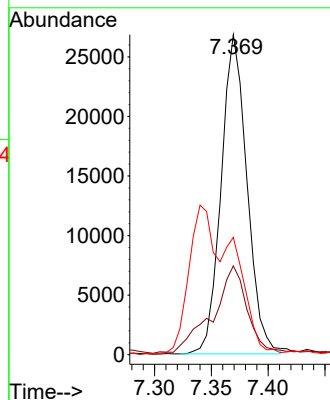
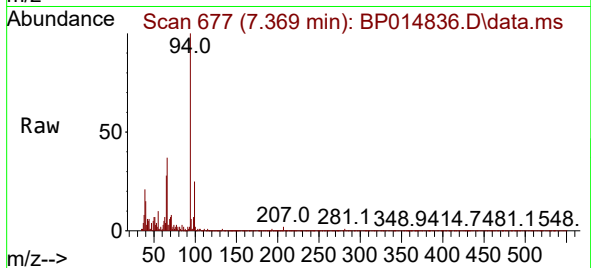




#8
Phenol
Concen: 1.184 ng/ul
RT: 7.369 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

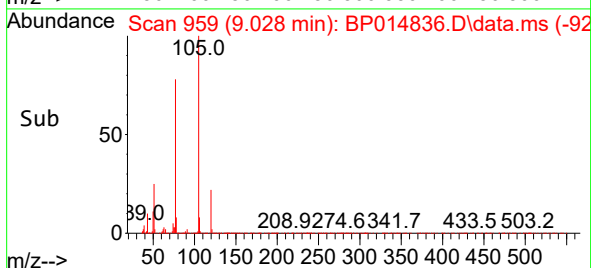
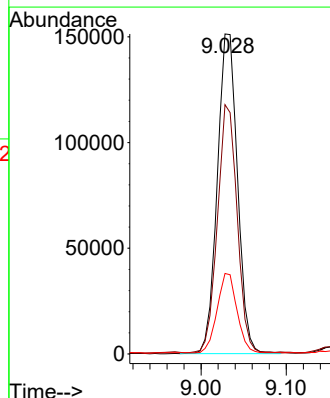
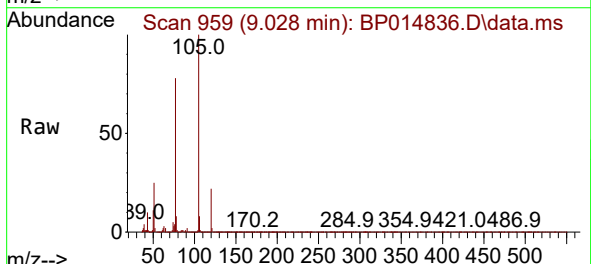
Instrument :
BNA_P
ClientSampleId :
EW8Z6

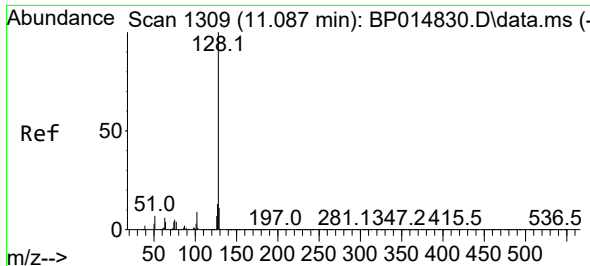
Tgt Ion:	94	Resp:	42414
Ion	Ratio	Lower	Upper
94	100		
65	27.8	21.0	31.6
66	36.7	27.0	40.6



#16
Acetophenone
Concen: 5.763 ng/ul
RT: 9.028 min Scan# 959
Delta R.T. -0.006 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

Tgt Ion:	105	Resp:	249516
Ion	Ratio	Lower	Upper
105	100		
77	77.9	59.8	89.8
51	25.1	19.6	29.4

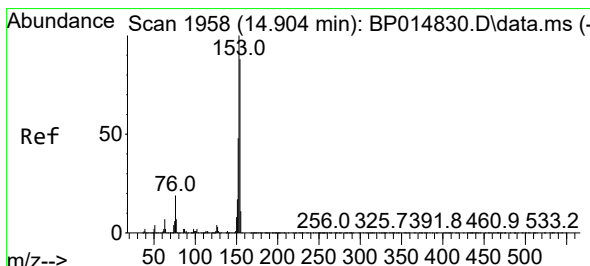
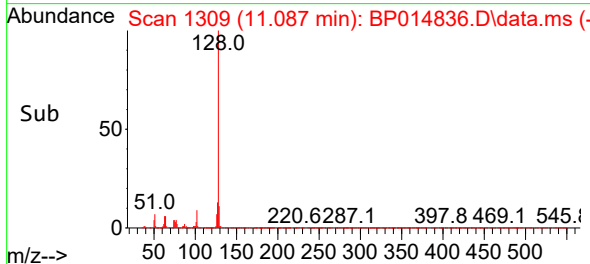
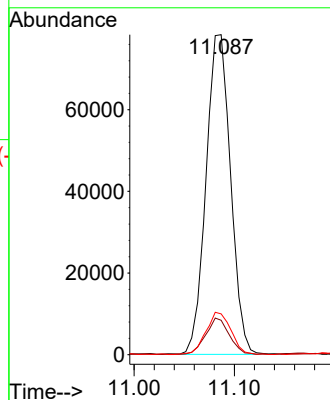
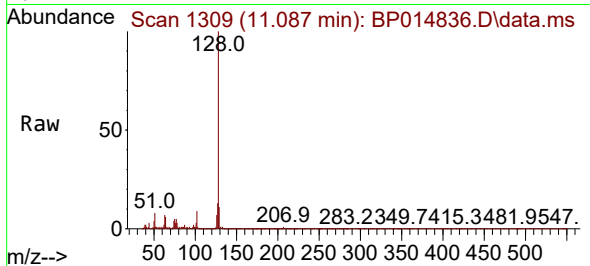




#30
Naphthalene
Concen: 1.552 ng/ul
RT: 11.087 min Scan# 1108
Delta R.T. 0.006 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

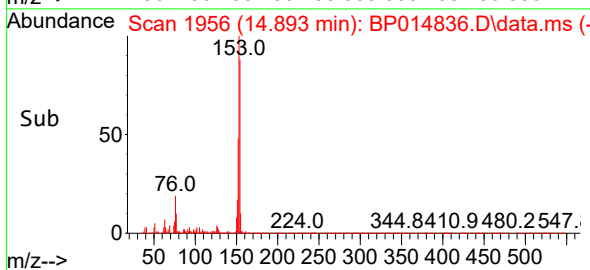
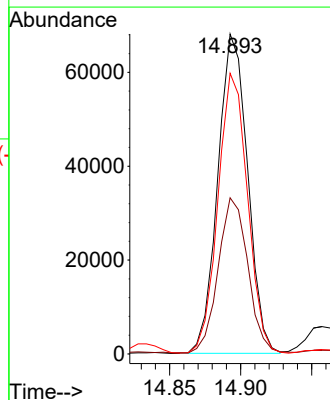
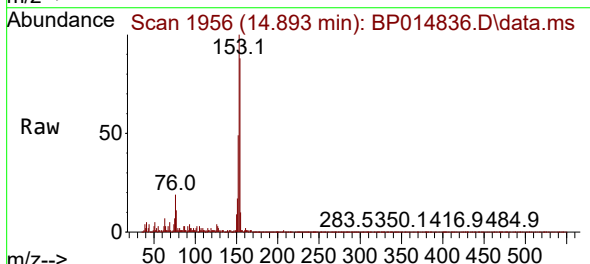
Instrument :
BNA_P
ClientSampleId :
EW8Z6

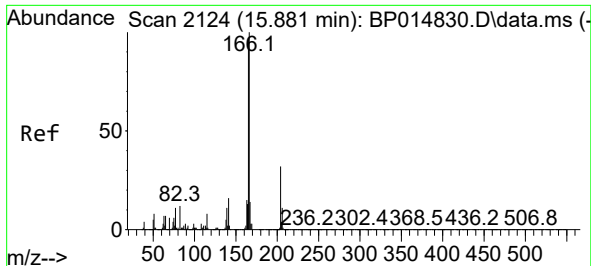
Tgt Ion:128 Resp: 133848
Ion Ratio Lower Upper
128 100
129 10.7 9.1 13.7
127 12.8 10.6 16.0



#52
Acenaphthene
Concen: 1.704 ng/ul
RT: 14.893 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

Tgt Ion:153 Resp: 99291
Ion Ratio Lower Upper
153 100
152 48.8 38.2 57.4
154 87.7 71.0 106.4

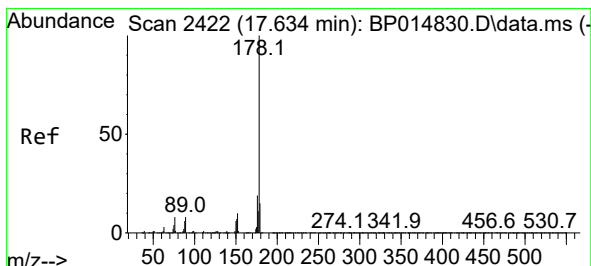
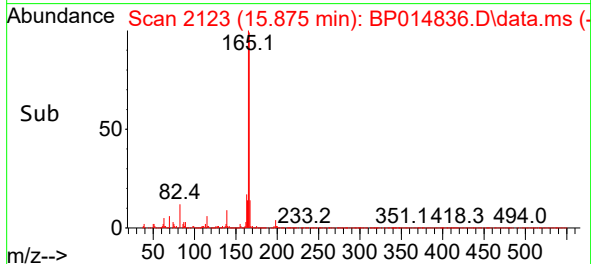
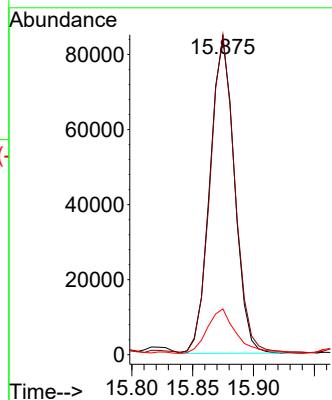
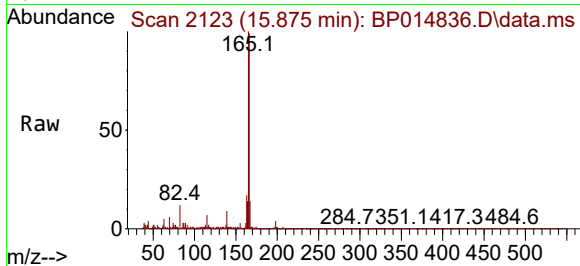




#61
Fluorene
Concen: 1.830 ng/ul
RT: 15.875 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

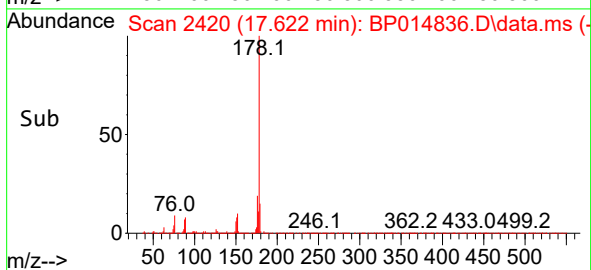
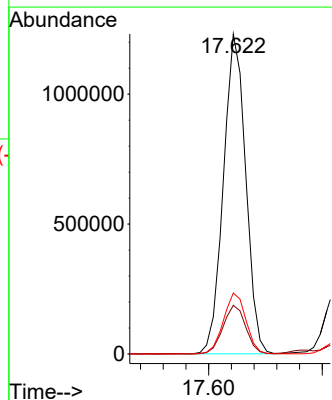
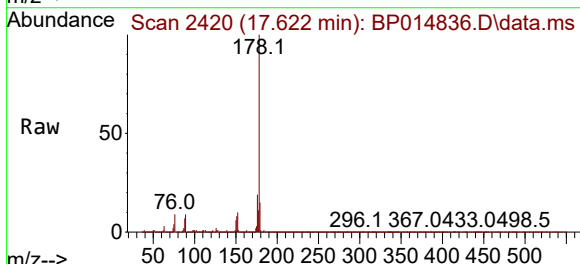
Instrument :
BNA_P
ClientSampleId :
EW8Z6

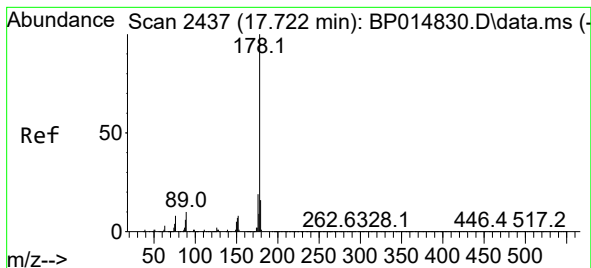
Tgt Ion:166 Resp: 118435
Ion Ratio Lower Upper
166 100
165 101.5 79.1 118.7
167 14.5 10.7 16.1



#72
Phenanthrene
Concen: 20.403 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

Tgt Ion:178 Resp: 1679045
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.4
176 19.0 15.7 23.5





#74

Anthracene

Concen: 4.315 ng/ul

RT: 17.710 min Scan# 2435

Delta R.T. -0.006 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

Instrument :

BNA_P

ClientSampleId :

EW8Z6

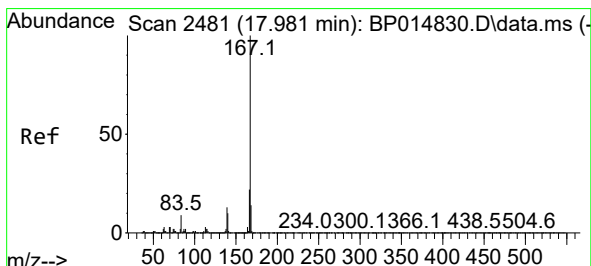
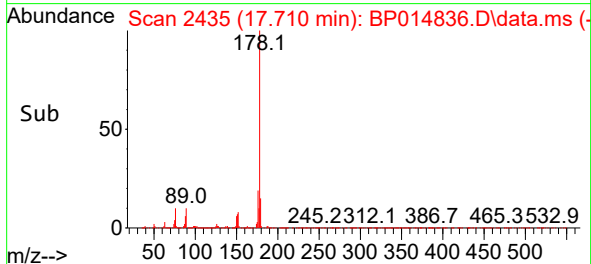
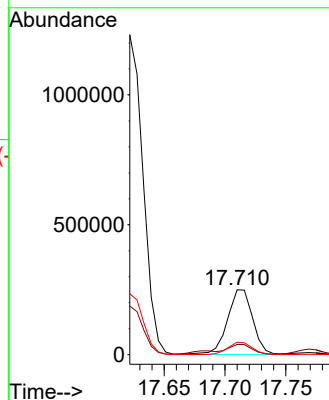
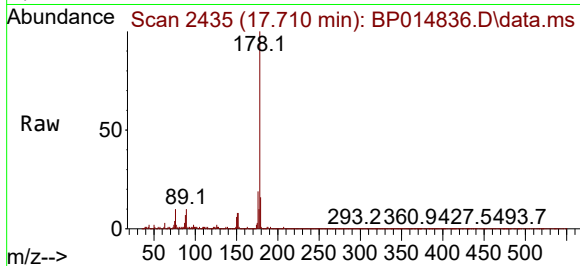
Tgt Ion:178 Resp: 358049

Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.3 14.9 22.3



#77

Carbazole

Concen: 2.581 ng/ul

RT: 17.975 min Scan# 2480

Delta R.T. 0.000 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

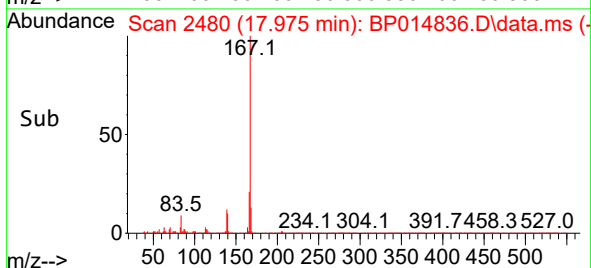
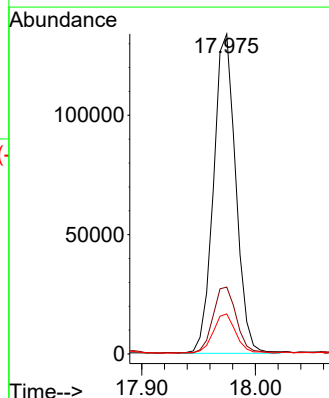
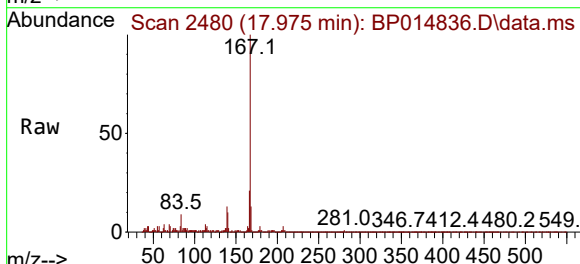
Tgt Ion:167 Resp: 182292

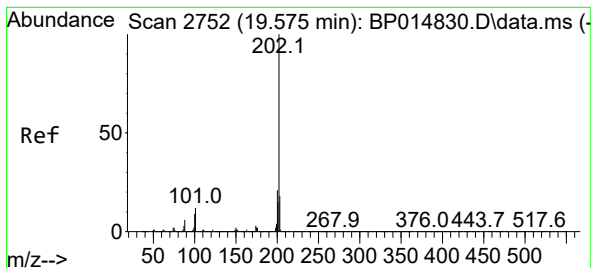
Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

139 12.5 9.8 14.8





#80

Fluoranthene

Concen: 31.110 ng/ul

RT: 19.569 min Scan# 21

Delta R.T. 0.000 min

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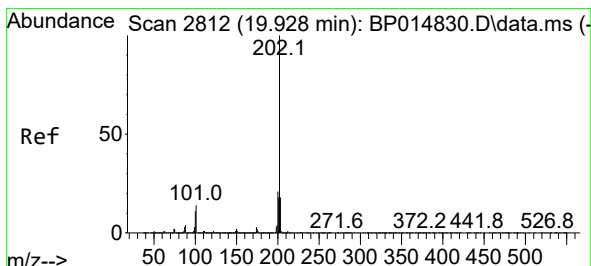
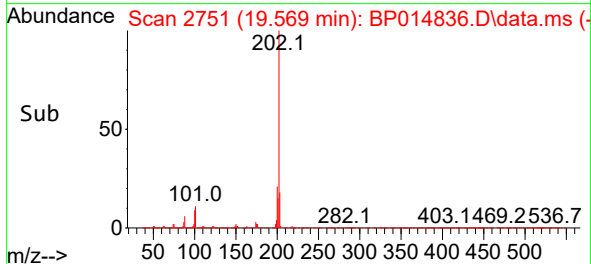
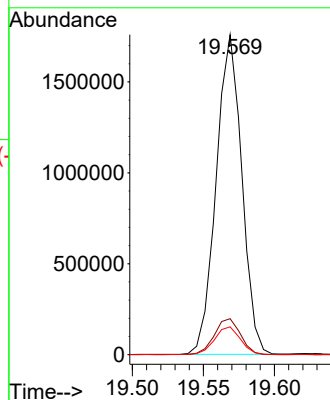
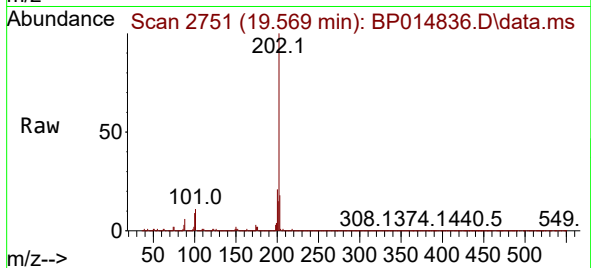
Tgt Ion:202 Resp: 2208941

Ion Ratio Lower Upper

202 100

101 11.3 9.1 13.7

100 8.7 7.0 10.4



#82

Pyrene

Concen: 24.339 ng/ul

RT: 19.922 min Scan# 2811

Delta R.T. 0.000 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

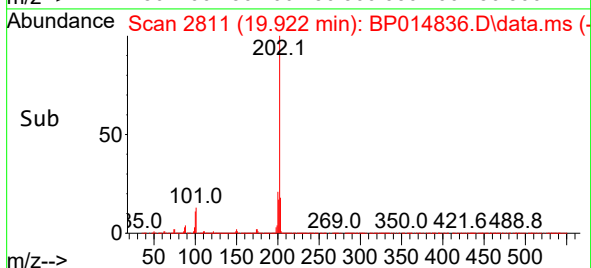
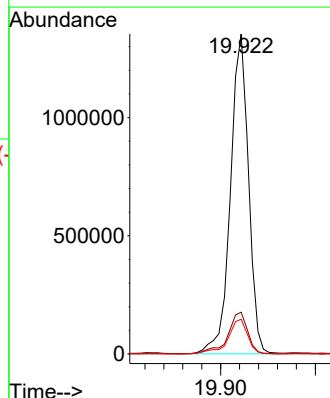
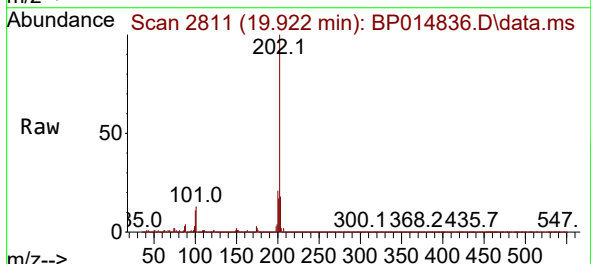
Tgt Ion:202 Resp: 1787390

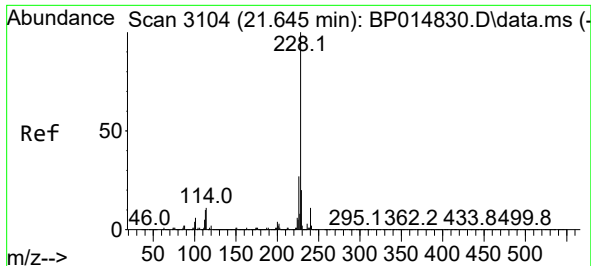
Ion Ratio Lower Upper

202 100

101 13.1 11.1 16.7

100 10.9 9.0 13.6

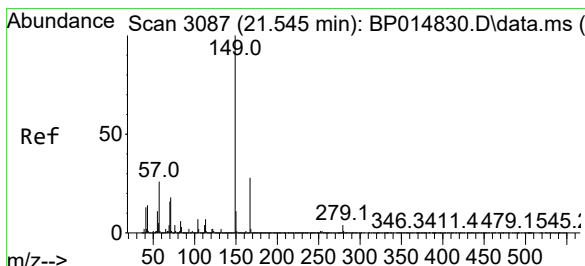
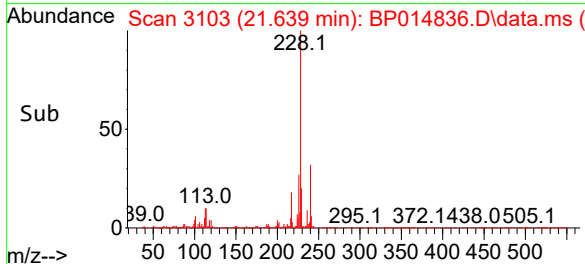
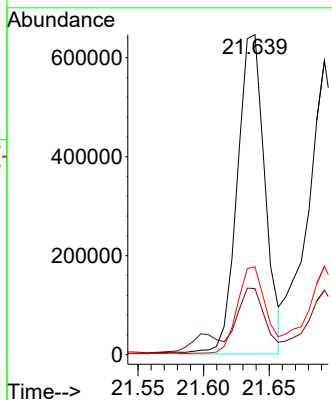
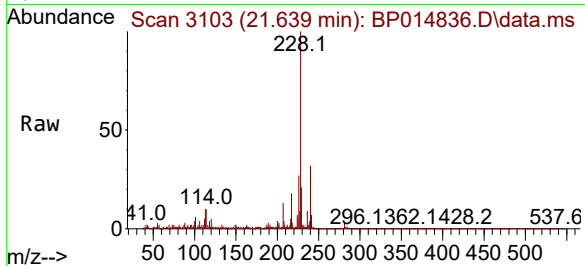




#85
Benzo(a)anthracene
Concen: 13.739 ng/ul
RT: 21.639 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

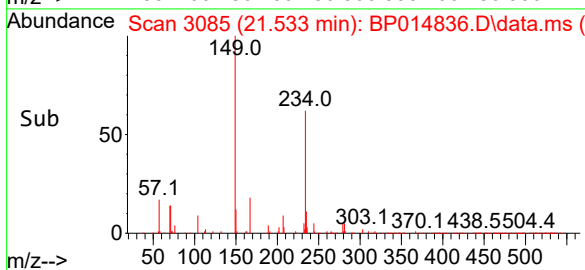
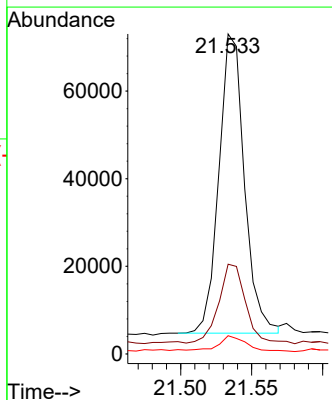
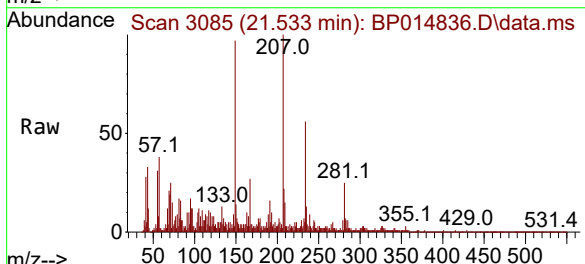
Instrument :
BNA_P
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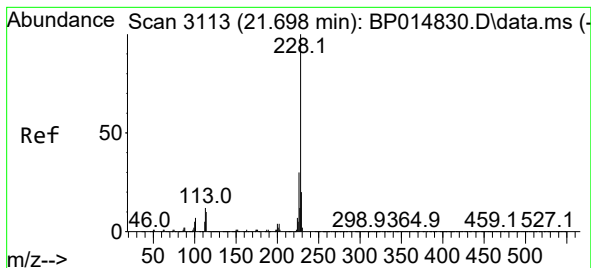
Tgt Ion:228 Resp: 947180
Ion Ratio Lower Upper
228 100
229 20.7 15.7 23.5
226 27.5 22.0 33.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.334 ng/ul
RT: 21.533 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP014836.D
Acq: 26 Apr 2023 12:42

Tgt Ion:149 Resp: 85363
Ion Ratio Lower Upper
149 100
167 28.1 21.8 32.6
279 5.7 3.4 5.0#





#87

Chrysene

Concen: 14.332 ng/ul

RT: 21.692 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

Instrument :

BNA_P

ClientSampleId :

EW8Z6

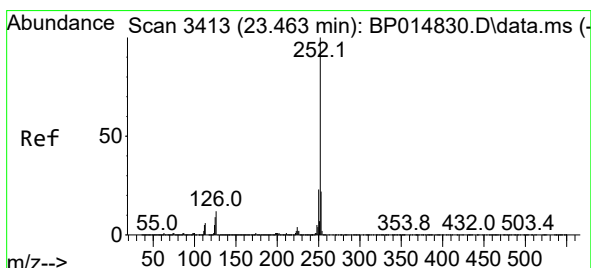
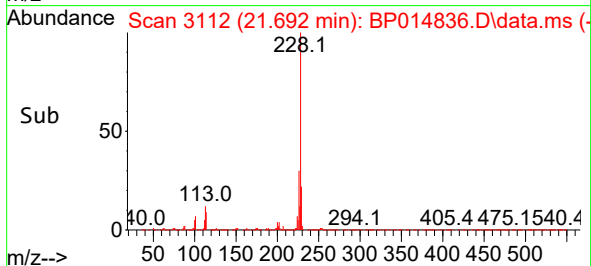
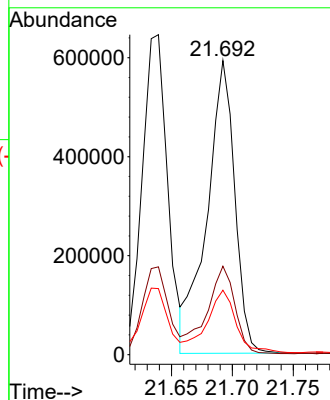
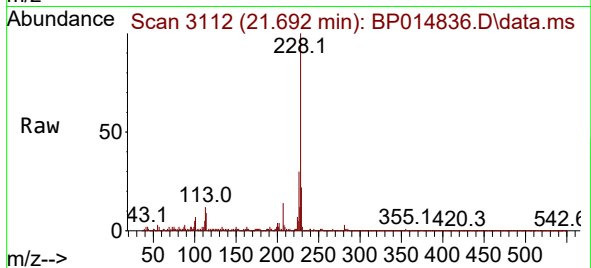
Tgt Ion:228 Resp: 936670

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

229 21.9 16.0 24.0



#90

Benzo(b)fluoranthene

Concen: 16.609 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.000 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

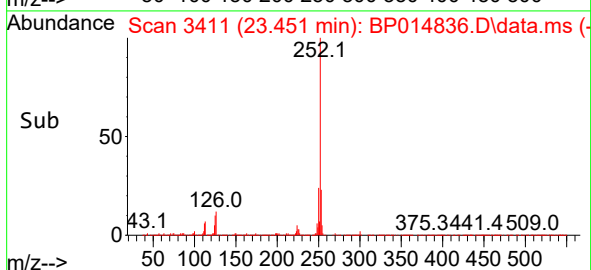
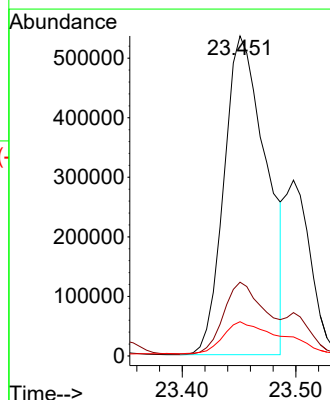
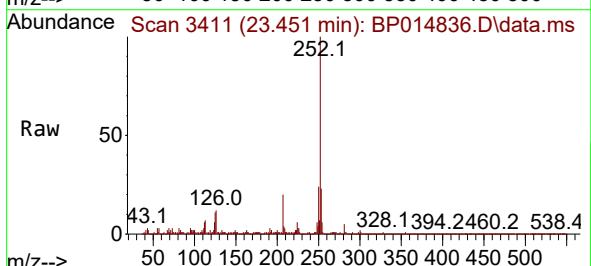
Tgt Ion:252 Resp: 1384777

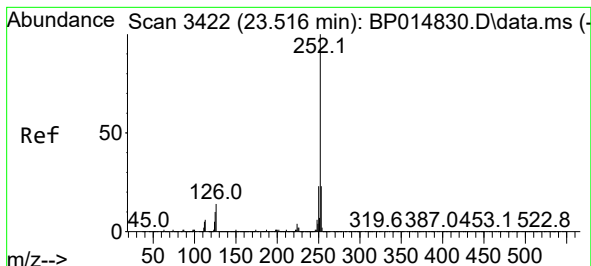
Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 10.7 7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 17.125 ng/ul

RT: 23.451 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

Instrument :

BNA_P

ClientSampleId :

EW8Z6

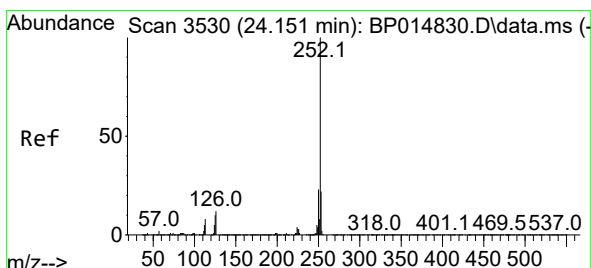
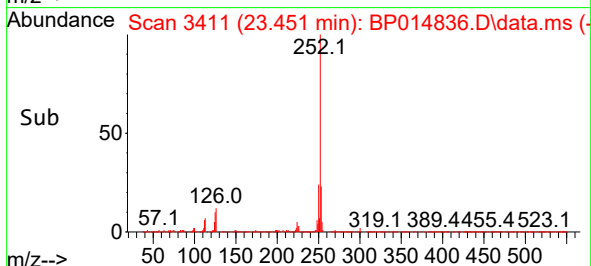
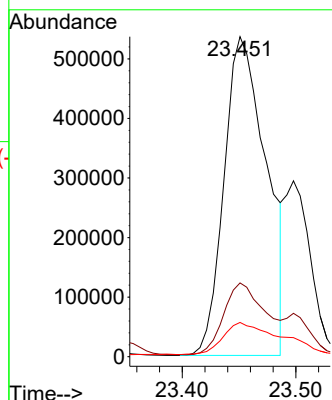
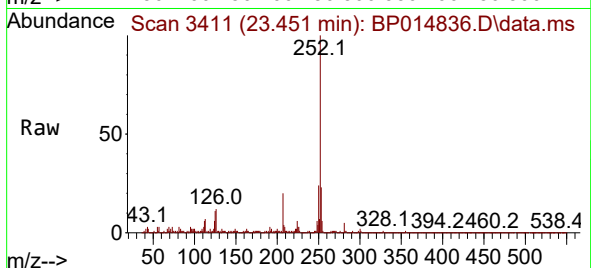
Tgt Ion:252 Resp: 1384777

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.7 7.9 11.9



#93

Benzo(a)pyrene

Concen: 13.096 ng/ul

RT: 24.139 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

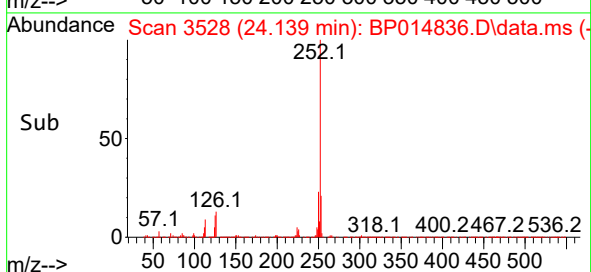
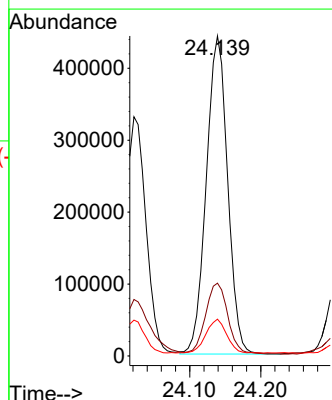
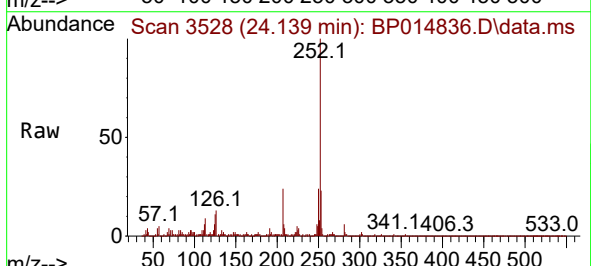
Tgt Ion:252 Resp: 924845

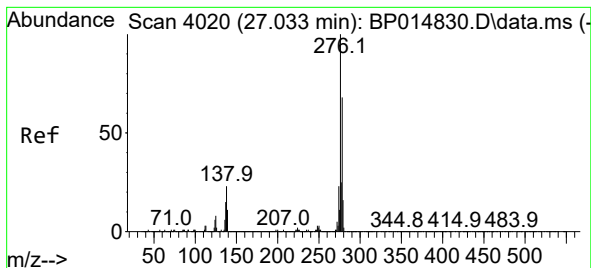
Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 11.5 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 9.134 ng/ul

RT: 27.010 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

Instrument :

BNA_P

ClientSampleId :

EW8Z6

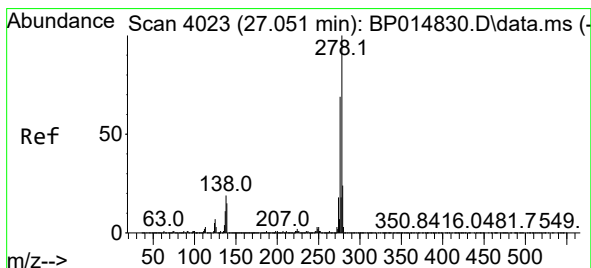
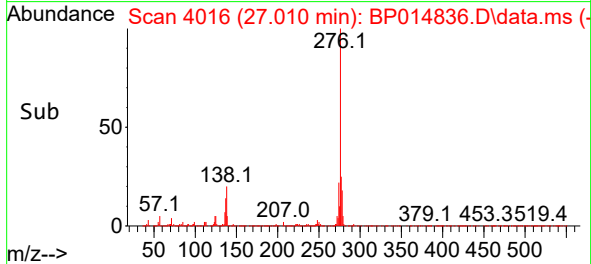
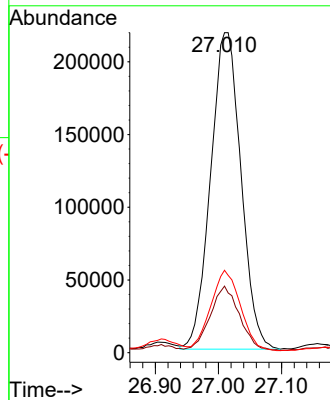
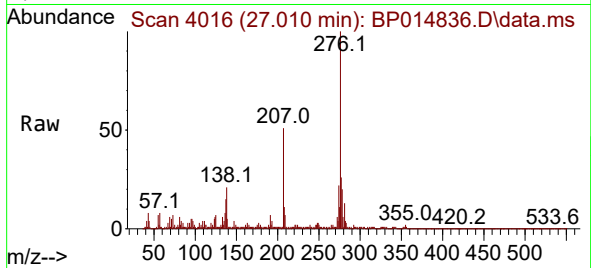
Tgt Ion:276 Resp: 727385

Ion Ratio Lower Upper

276 100

138 25.7 17.7 26.5

277 25.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 2.880 ng/ul

RT: 27.021 min Scan# 4018

Delta R.T. -0.012 min

Lab File: BP014836.D

Acq: 26 Apr 2023 12:42

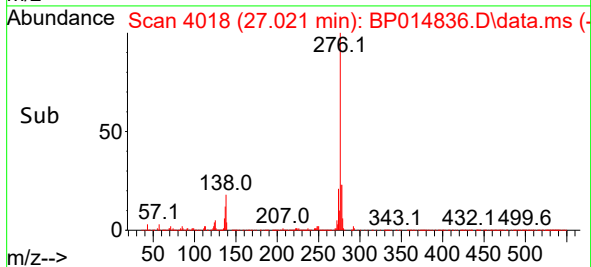
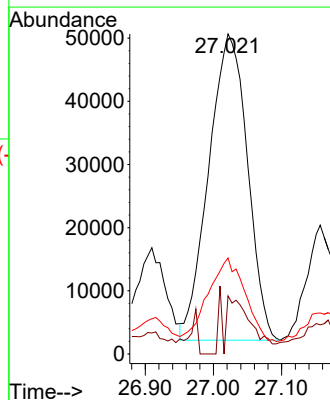
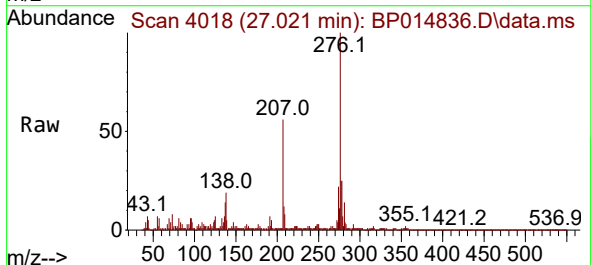
Tgt Ion:278 Resp: 191273

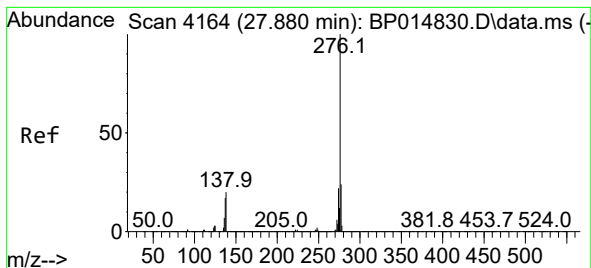
Ion Ratio Lower Upper

278 100

139 18.2 12.0 18.0#

279 30.0 18.9 28.3#





#96

Benzo(g,h,i)perylene

Concen: 9.435 ng/ul

RT: 27.868 min Scan# 41

Delta R.T. 0.006 min

Lab File: BP014836.D

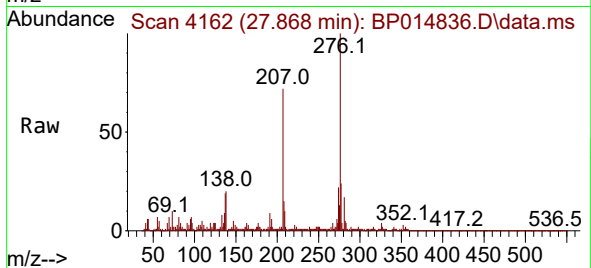
Acq: 26 Apr 2023 12:42

Instrument :

BNA_P

ClientSampleId :

EW8Z6



Tgt Ion:276 Resp: 595273

Ion Ratio Lower Upper

276 100

138 19.8 16.2 24.2

277 24.2 18.9 28.3

