

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042623\
 Data File : BP014840.D
 Acq On : 26 Apr 2023 14:56
 Operator : CG/JU
 Sample : 02418-26
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW900

Quant Time: Apr 26 22:34:20 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)

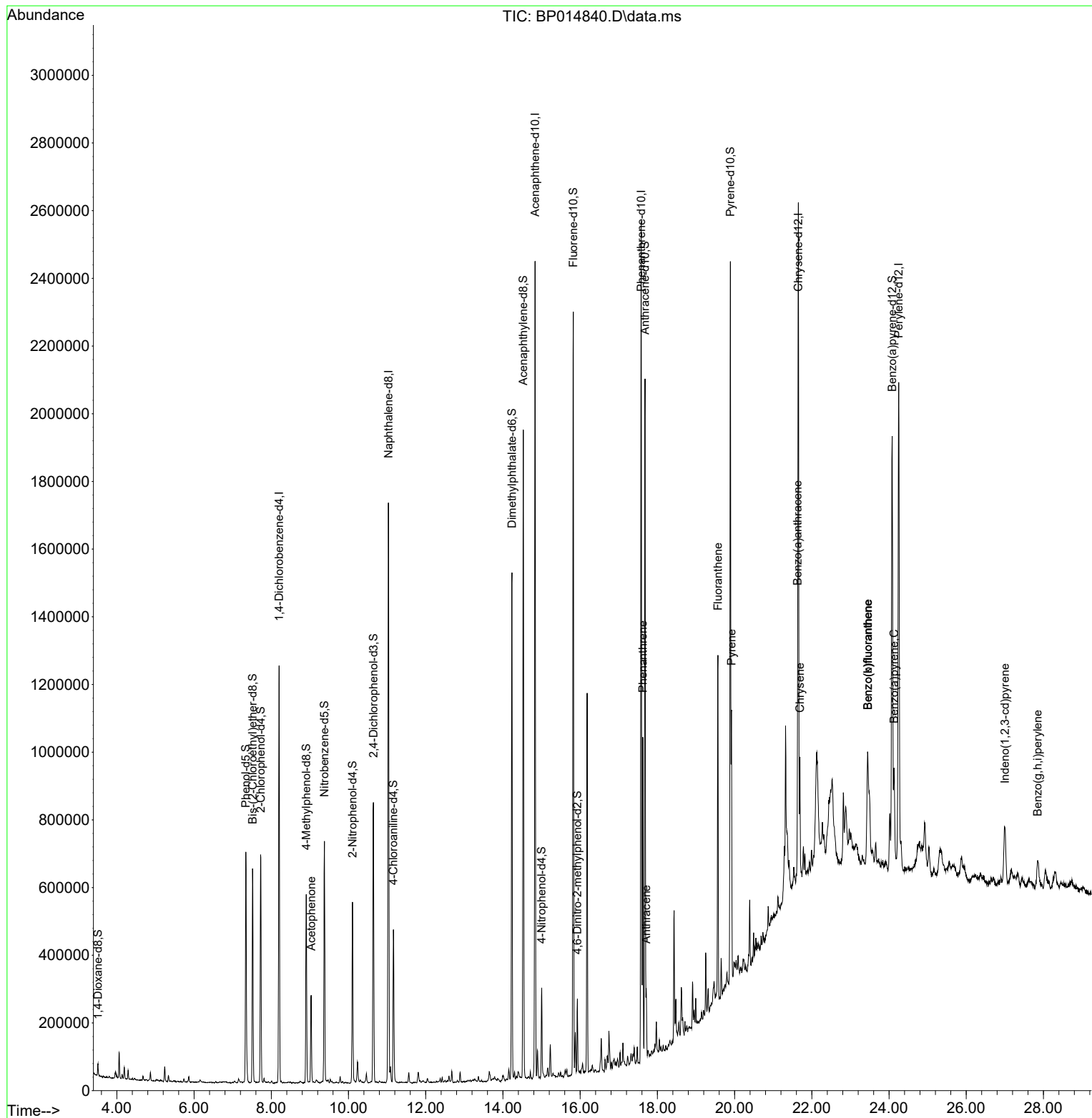
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.204	152	338622	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1403261	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	808421	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.580	188	1427049	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	908468	20.000	ng/ul	0.00
88) Perylene-d12	24.251	264	1151936	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	16960	1.969	ng/uL	0.00
4) Pyridine-d5	3.958	84	150	0.006	ng/ul	0.02
7) Phenol-d5	7.340	99	392712	12.757	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	268162	14.496	ng/ul	0.00
11) 2-Chlorophenol-d4	7.728	132	313268	13.782	ng/ul	0.00
15) 4-Methylphenol-d8	8.904	113	207319	8.385	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	165260	15.732	ng/ul	0.00
24) 2-Nitrophenol-d4	10.104	143	171684	15.901	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.646	165	310293	13.827	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	238587	7.409	ng/ul	0.00
46) Dimethylphthalate-d6	14.234	166	1010013	16.101	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	1207063	16.785	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	58179	5.091	ng/ul	0.00
60) Fluorene-d10	15.822	176	868104	16.255	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	44405	5.608	ng/ul	0.00
73) Anthracene-d10	17.680	188	1126720	16.814	ng/ul	0.00
81) Pyrene-d10	19.892	212	1029125	18.633	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	1053816	17.646	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	9.034	105	139886	3.617	ng/ul	99
72) Phenanthrene	17.622	178	548552	7.019	ng/ul	99
74) Anthracene	17.710	178	119857	1.521	ng/ul	97
80) Fluoranthene	19.569	202	599530	9.210	ng/ul	97
82) Pyrene	19.921	202	471872	7.009	ng/ul	97
85) Benzo(a)anthracene	21.633	228	227859	3.605	ng/ul	99
87) Chrysene	21.692	228	216491	3.613	ng/ul	99
90) Benzo(b)fluoranthene	23.451	252	309181	3.919	ng/ul	97
91) Benzo(k)fluoranthene	23.451	252	309181	4.041	ng/ul	97
93) Benzo(a)pyrene	24.133	252	207473	3.105	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.003	276	151510	2.011	ng/ul#	94
96) Benzo(g,h,i)perylene	27.850	276	116507	1.952	ng/ul	97

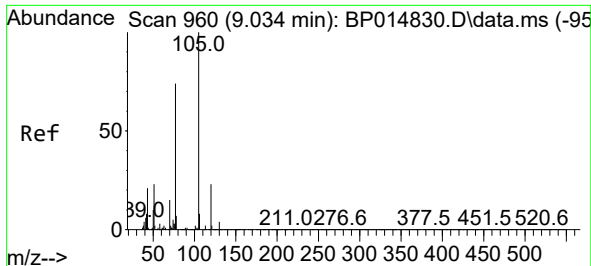
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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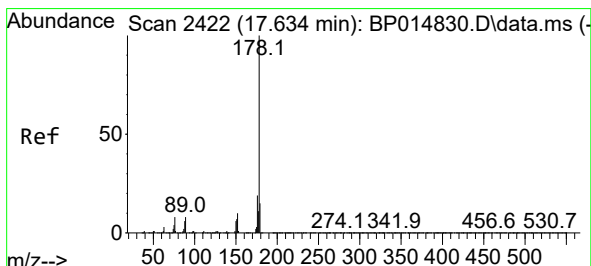
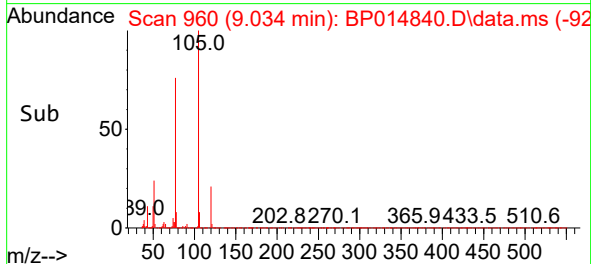
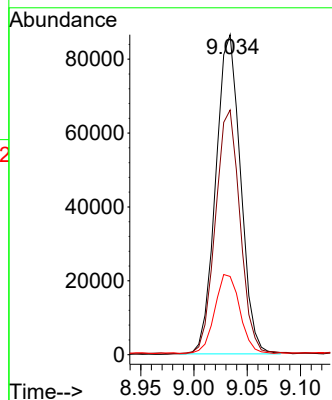
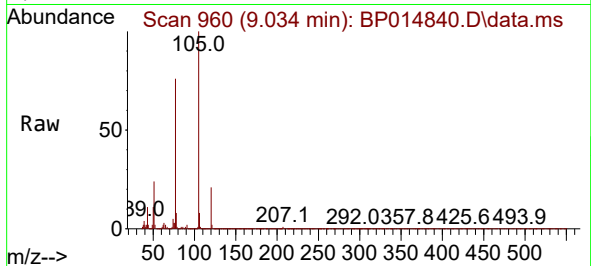




#16
Acetophenone
Concen: 3.617 ng/ul
RT: 9.034 min Scan# 90
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

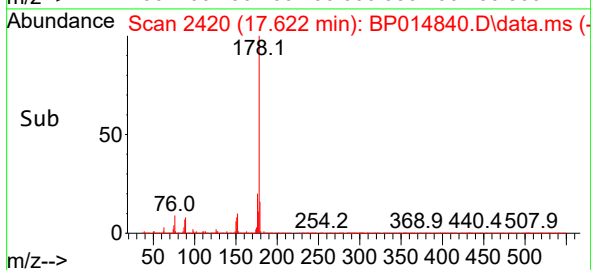
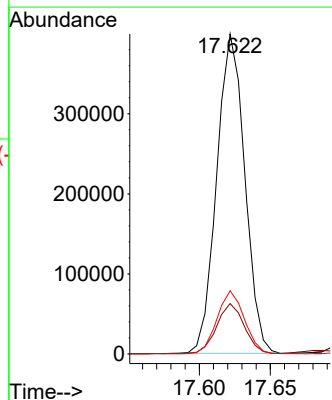
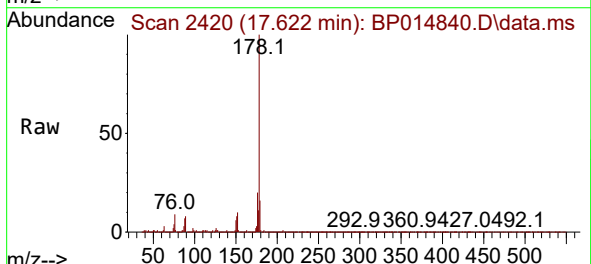
Instrument :
BNA_P
ClientSampleId :
EW900

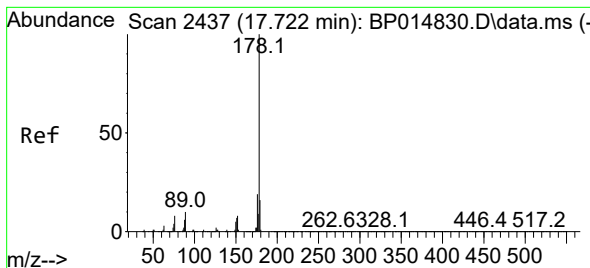
Tgt Ion:105 Resp: 139886
Ion Ratio Lower Upper
105 100
77 76.4 59.8 89.8
51 24.4 19.6 29.4



#72
Phenanthrene
Concen: 7.019 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Tgt Ion:178 Resp: 548552
Ion Ratio Lower Upper
178 100
179 15.8 12.2 18.4
176 19.8 15.7 23.5





#74

Anthracene

Concen: 1.521 ng/ul

RT: 17.710 min Scan# 2437

Delta R.T. -0.006 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

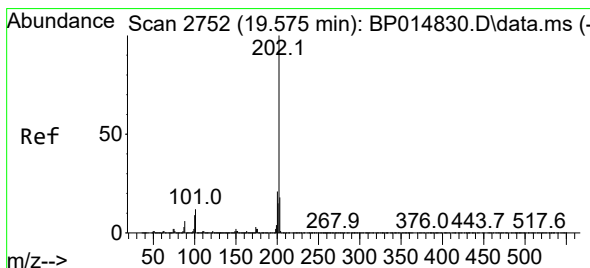
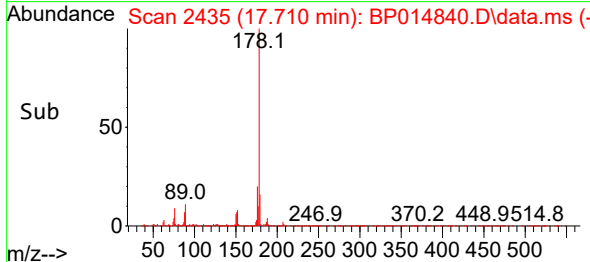
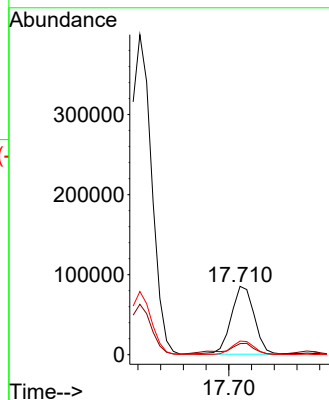
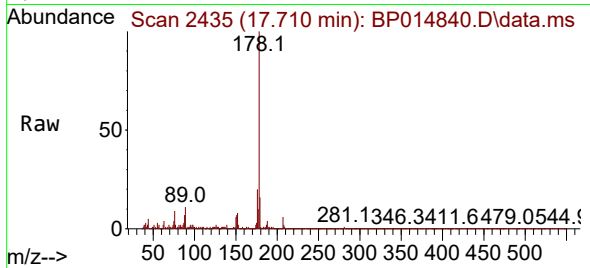
Tgt Ion:178 Resp: 119857

Ion Ratio Lower Upper

178 100

179 16.2 12.1 18.1

176 20.0 14.9 22.3



#80

Fluoranthene

Concen: 9.210 ng/ul

RT: 19.569 min Scan# 2751

Delta R.T. -0.000 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

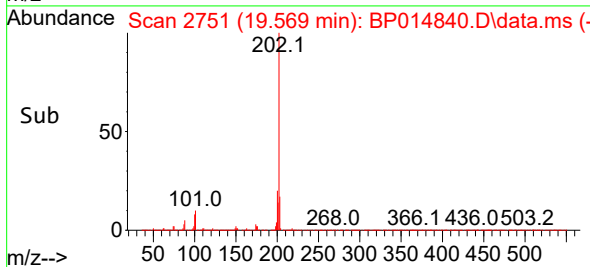
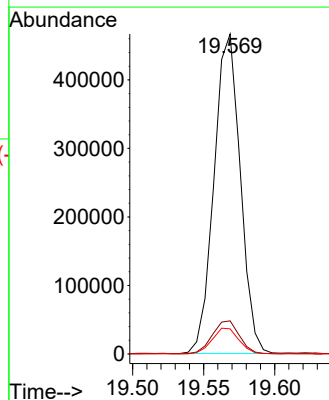
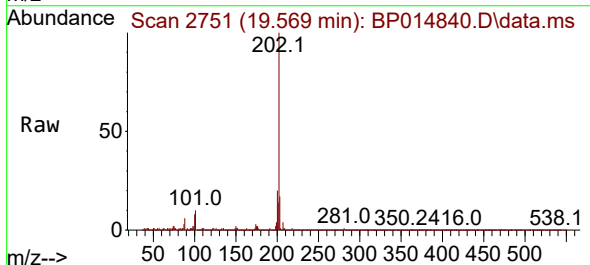
Tgt Ion:202 Resp: 599530

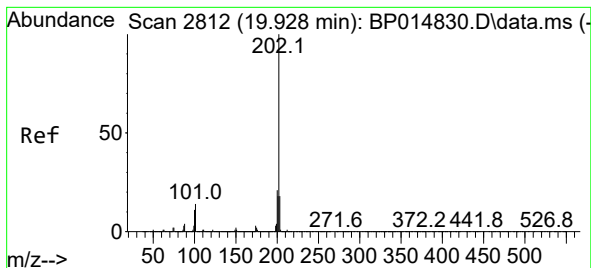
Ion Ratio Lower Upper

202 100

101 10.4 9.1 13.7

100 7.9 7.0 10.4





#82

Pyrene

Concen: 7.009 ng/ul

RT: 19.921 min Scan# 2811

Delta R.T. -0.000 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

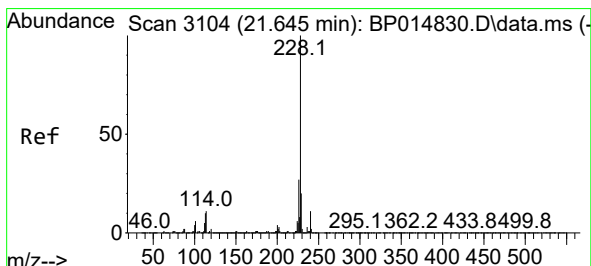
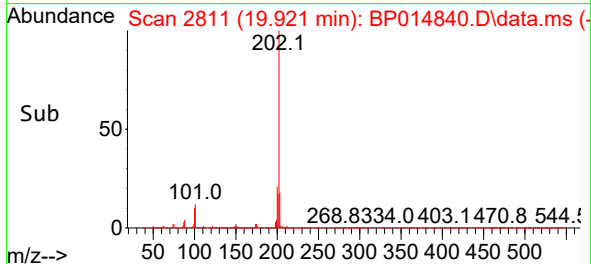
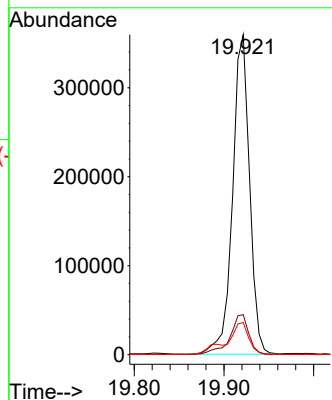
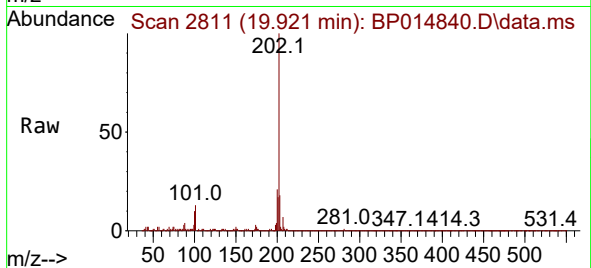
Tgt Ion:202 Resp: 471872

Ion Ratio Lower Upper

202 100

101 12.5 11.1 16.7

100 10.1 9.0 13.6



#85

Benzo(a)anthracene

Concen: 3.605 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

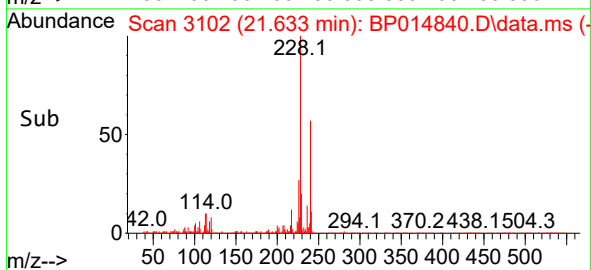
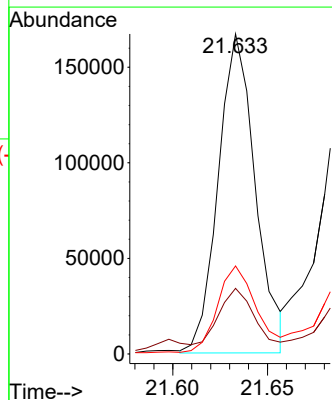
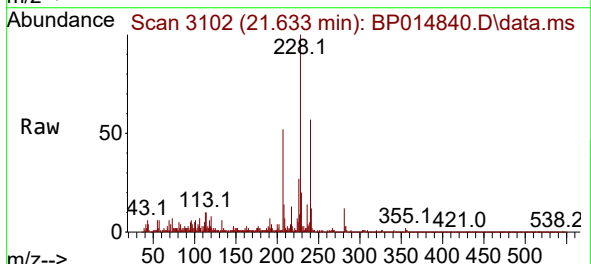
Tgt Ion:228 Resp: 227859

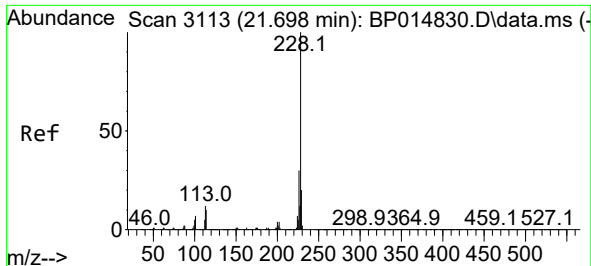
Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

226 27.5 22.0 33.0

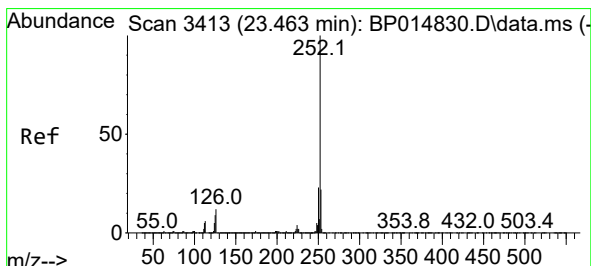
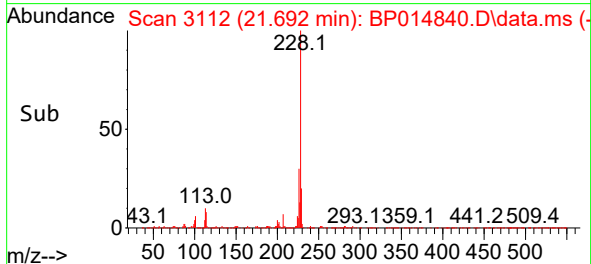
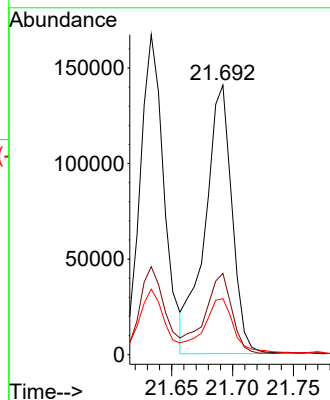
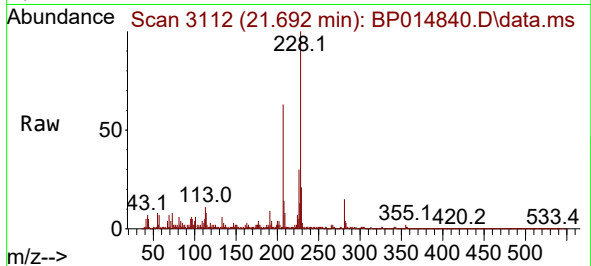




#87
Chrysene
Concen: 3.613 ng/ul
RT: 21.692 min Scan# 3112
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

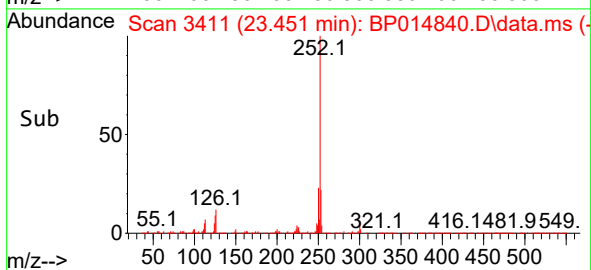
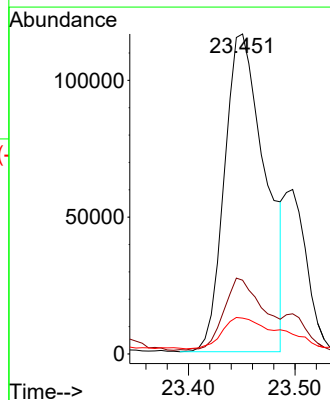
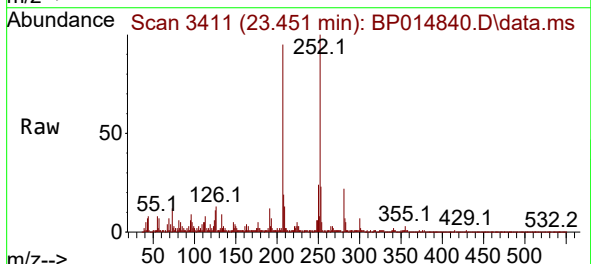
Instrument :
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EW900

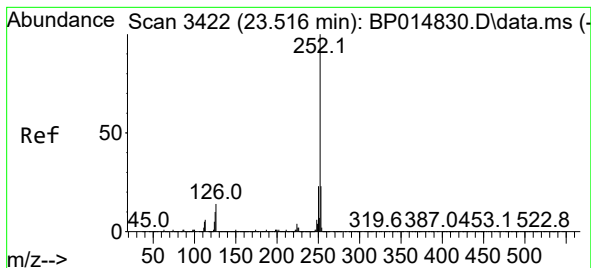
Tgt Ion:228 Resp: 216491
Ion Ratio Lower Upper
228 100
226 30.1 24.5 36.7
229 20.8 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 3.919 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP014840.D
Acq: 26 Apr 2023 14:56

Tgt Ion:252 Resp: 309181
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 11.2 7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 4.041 ng/ul

RT: 23.451 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

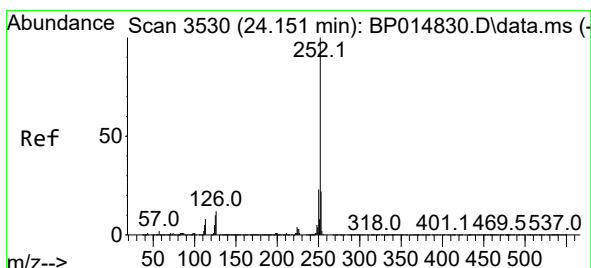
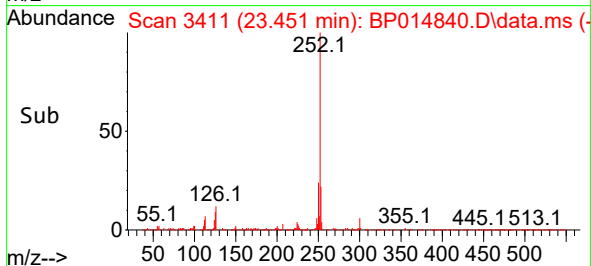
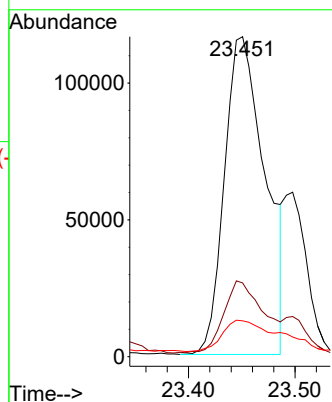
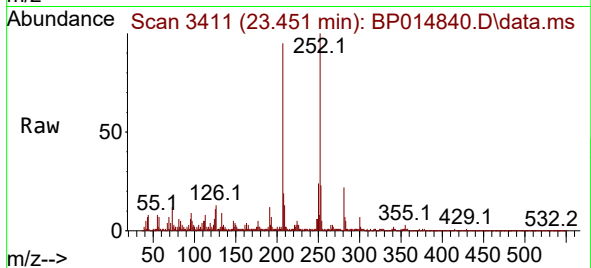
Tgt Ion:252 Resp: 309181

Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 11.2 7.9 11.9



#93

Benzo(a)pyrene

Concen: 3.105 ng/ul

RT: 24.133 min Scan# 3527

Delta R.T. -0.006 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

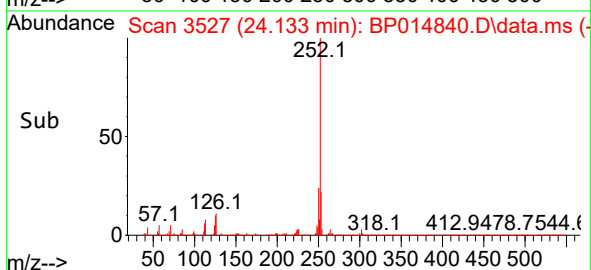
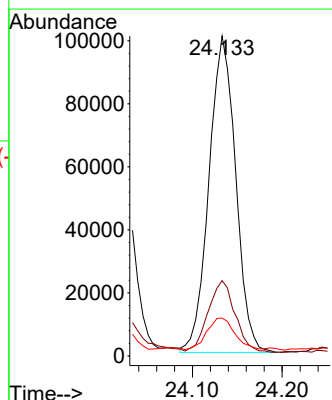
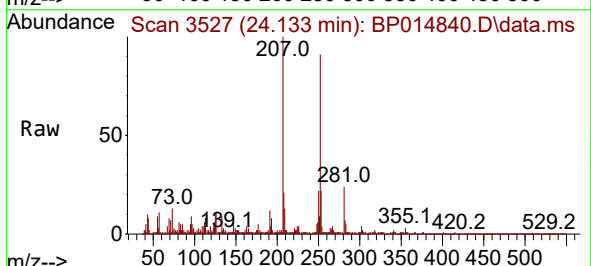
Tgt Ion:252 Resp: 207473

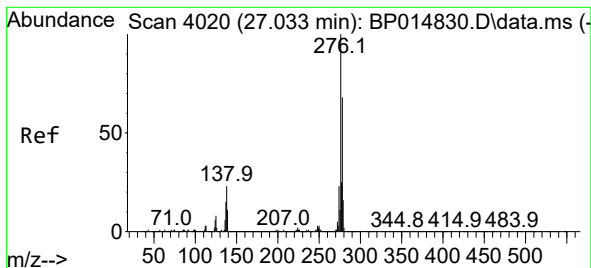
Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 11.8 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.011 ng/ul

RT: 27.003 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Instrument :

BNA_P

ClientSampleId :

EW900

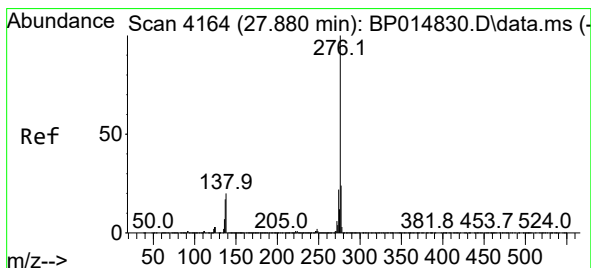
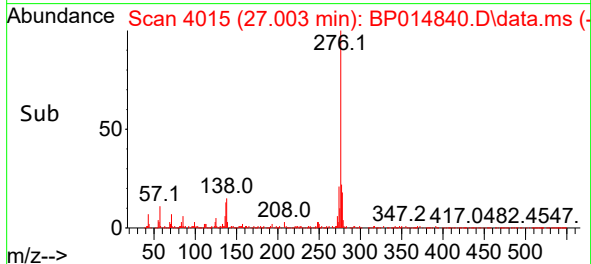
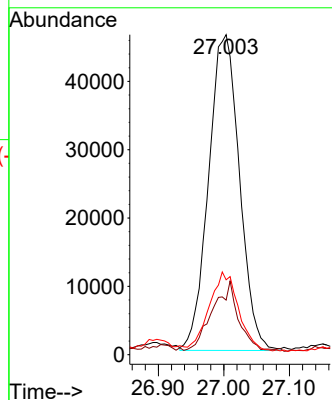
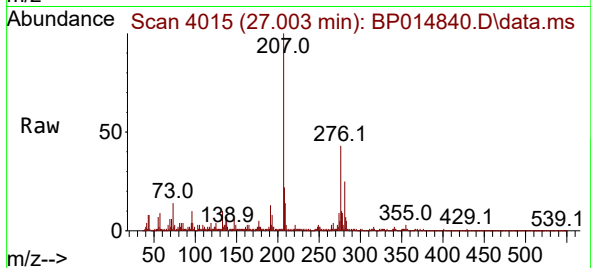
Tgt Ion:276 Resp: 151510

Ion Ratio Lower Upper

276 100

138 17.1 17.7 26.5#

277 23.4 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.952 ng/ul

RT: 27.850 min Scan# 4159

Delta R.T. -0.012 min

Lab File: BP014840.D

Acq: 26 Apr 2023 14:56

Tgt Ion:276 Resp: 116507

Ion Ratio Lower Upper

276 100

138 17.9 16.2 24.2

277 22.9 18.9 28.3

