

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042723\
 Data File : BP014868.D
 Acq On : 27 Apr 2023 12:00
 Operator : CG/JU
 Sample : 02418-19DL 5X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW8Z5DL

Quant Time: Apr 27 23:23:22 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)

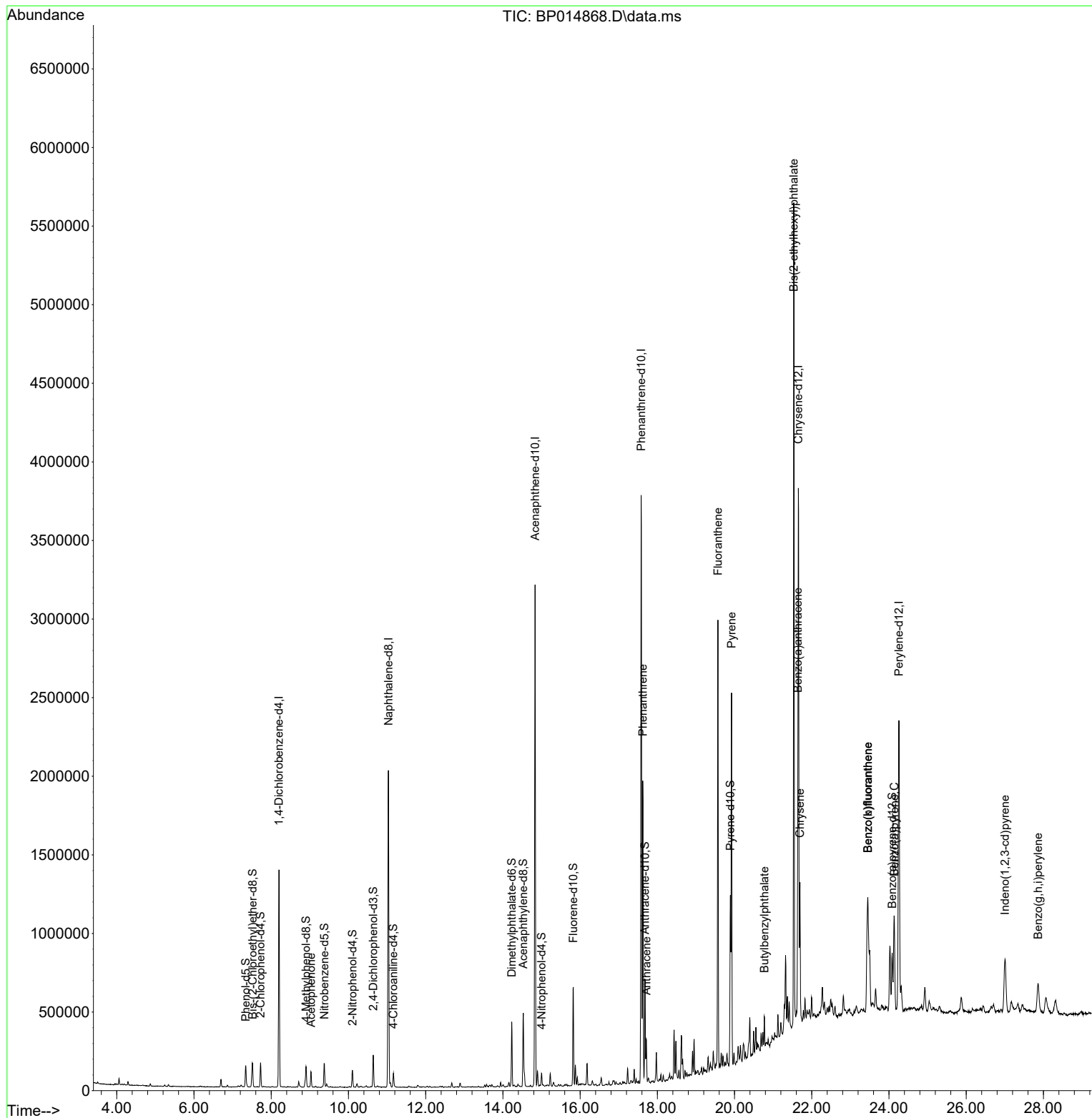
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.199	152	377676	20.000	ng/ul	0.00
20) Naphthalene-d8	11.034	136	1672326	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.834	164	1064201	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.581	188	2249292	20.000	ng/ul	0.00
79) Chrysene-d12	21.651	240	1515447	20.000	ng/ul	0.00
88) Perylene-d12	24.257	264	1578855	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.511	96	3908	0.407	ng/uL	0.00
4) Pyridine-d5	3.934	84	328	0.012	ng/ul	0.00
7) Phenol-d5	7.340	99	77791	2.266	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.516	67	60446	2.930	ng/ul	0.00
11) 2-Chlorophenol-d4	7.722	132	69480	2.741	ng/ul	0.00
15) 4-Methylphenol-d8	8.899	113	51090	1.853	ng/ul	0.00
21) Nitrobenzene-d5	9.375	128	35397	2.828	ng/ul	0.00
24) 2-Nitrophenol-d4	10.105	143	35938	2.793	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.640	165	75462	2.822	ng/ul	0.00
31) 4-Chloroaniline-d4	11.163	131	45232	1.179	ng/ul	0.00
46) Dimethylphthalate-d6	14.228	166	264049	3.198	ng/ul	0.00
49) Acenaphthylene-d8	14.528	160	302466	3.195	ng/ul	0.00
54) 4-Nitrophenol-d4	15.004	143	19544	1.299	ng/ul	0.00
60) Fluorene-d10	15.822	176	238229	3.389	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.928	200	10515	0.842	ng/ul	0.00
73) Anthracene-d10	17.681	188	360163	3.410	ng/ul	0.00
81) Pyrene-d10	19.892	212	403220	4.376	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	287817	3.516	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	9.028	105	53304	1.236	ng/ul	96
72) Phenanthrene	17.622	178	1130583	9.179	ng/ul	99
74) Anthracene	17.716	178	171801	1.383	ng/ul	99
80) Fluoranthene	19.569	202	1543289	14.213	ng/ul	99
82) Pyrene	19.922	202	1340814	11.939	ng/ul	98
83) Butylbenzylphthalate	20.775	149	57824	1.535	ng/ul	98
85) Benzo(a)anthracene	21.639	228	506051	4.800	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1918695	34.302	ng/ul	100
87) Chrysene	21.692	228	531840	5.322	ng/ul	98
90) Benzo(b)fluoranthene	23.451	252	695207	6.430	ng/ul	98
91) Benzo(k)fluoranthene	23.451	252	695207	6.629	ng/ul	98
93) Benzo(a)pyrene	24.139	252	445475	4.864	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	327804	3.174	ng/ul	97
96) Benzo(g,h,i)perylene	27.862	276	277369	3.390	ng/ul	99

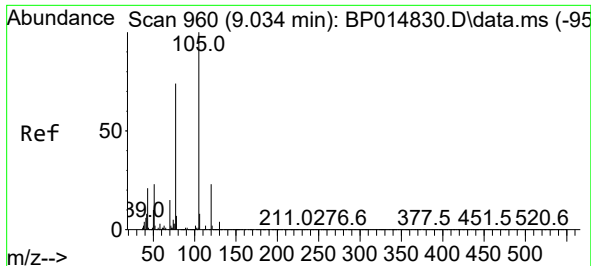
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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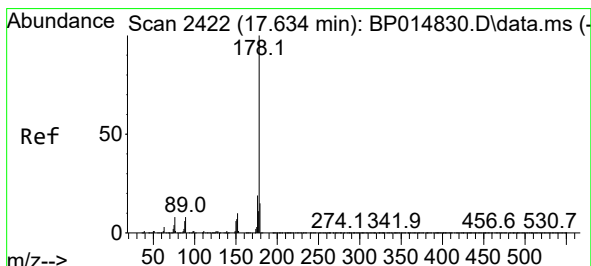
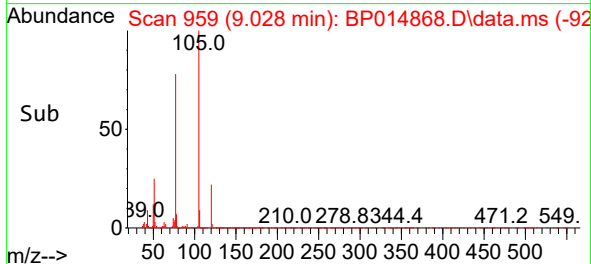
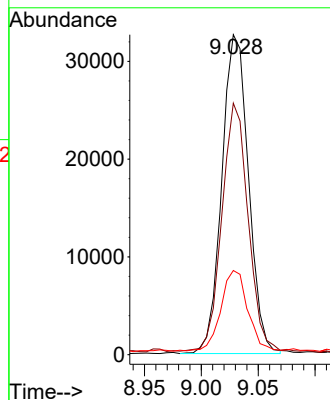
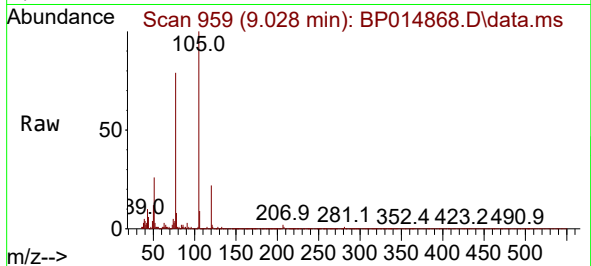




#16
Acetophenone
Concen: 1.236 ng/ul
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

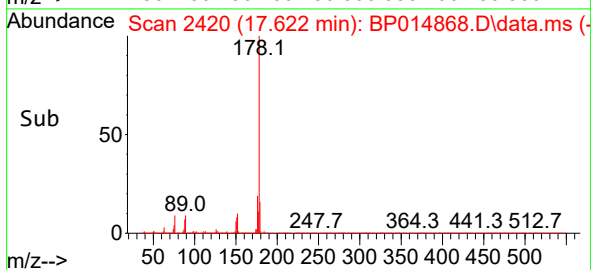
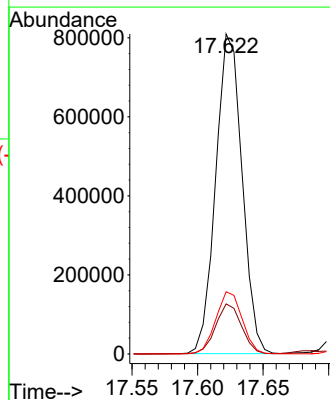
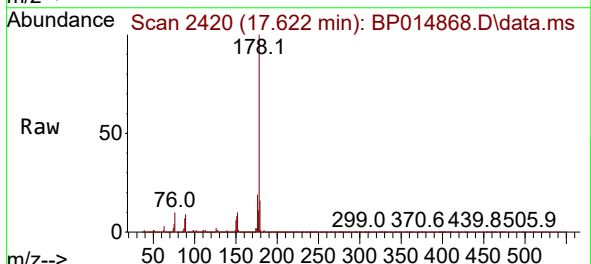
Instrument :
BNA_P
ClientSampleId :
EW8Z5DL

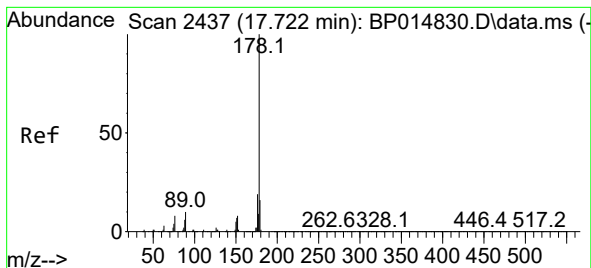
Tgt Ion:105 Resp: 53304
Ion Ratio Lower Upper
105 100
77 78.6 59.8 89.8
51 26.3 19.6 29.4



#72
Phenanthrene
Concen: 9.179 ng/ul
RT: 17.622 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Tgt Ion:178 Resp: 1130583
Ion Ratio Lower Upper
178 100
179 15.6 12.2 18.4
176 19.5 15.7 23.5





#74

Anthracene

Concen: 1.383 ng/ul

RT: 17.716 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

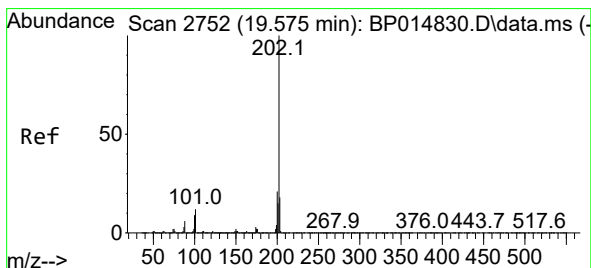
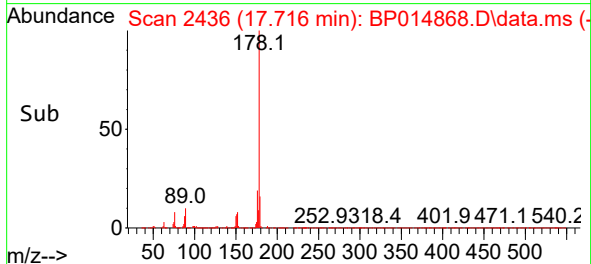
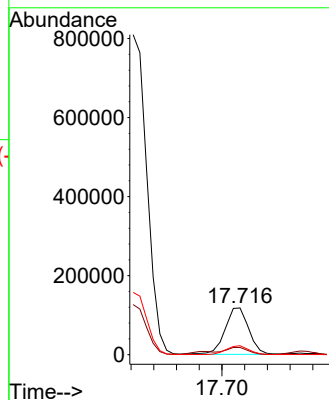
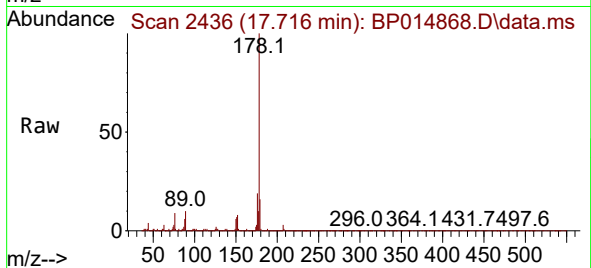
Tgt Ion:178 Resp: 171801

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 19.1 14.9 22.3



#80

Fluoranthene

Concen: 14.213 ng/ul

RT: 19.569 min Scan# 2751

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

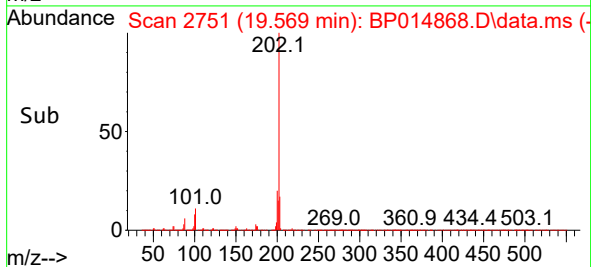
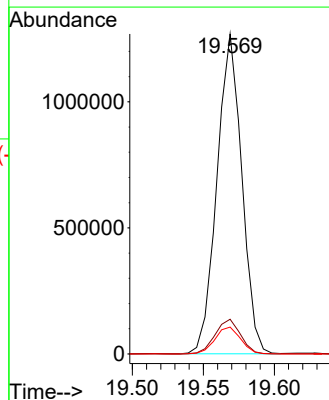
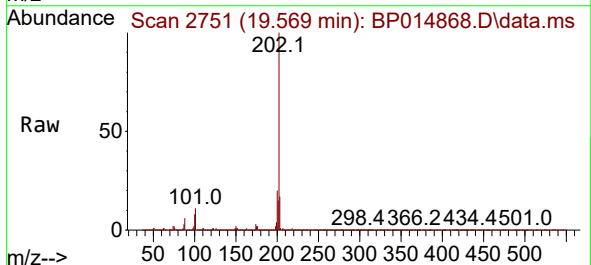
Tgt Ion:202 Resp: 1543289

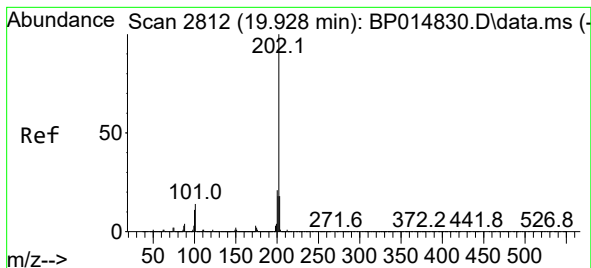
Ion Ratio Lower Upper

202 100

101 10.9 9.1 13.7

100 8.4 7.0 10.4





#82

Pyrene

Concen: 11.939 ng/ul

RT: 19.922 min Scan# 2812

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

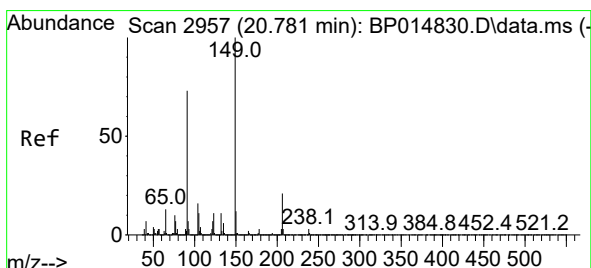
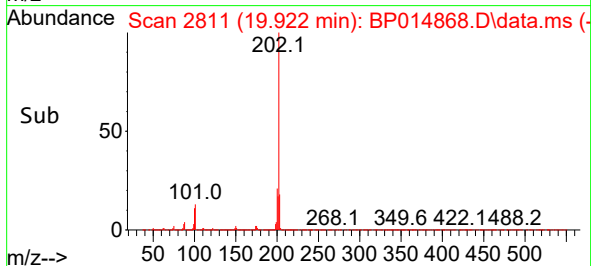
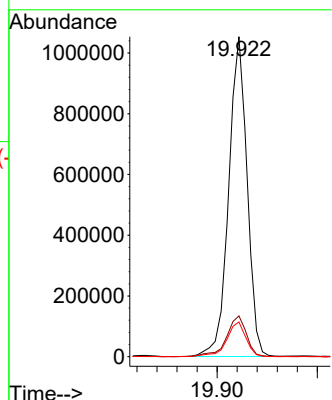
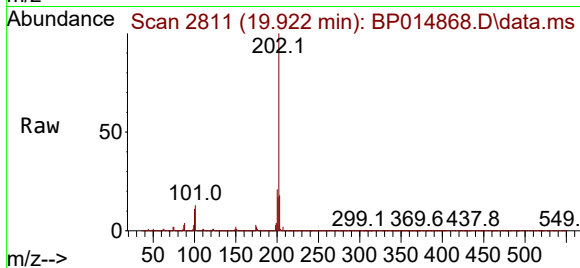
Tgt Ion:202 Resp: 1340814

Ion Ratio Lower Upper

202 100

101 12.8 11.1 16.7

100 10.8 9.0 13.6



#83

Butylbenzylphthalate

Concen: 1.535 ng/ul

RT: 20.775 min Scan# 2956

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

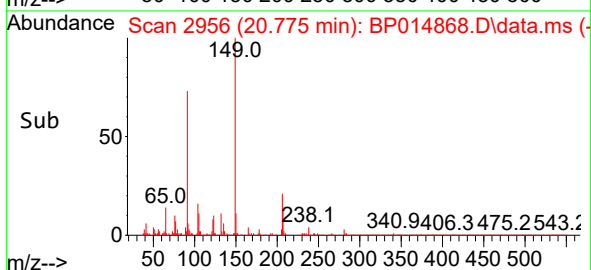
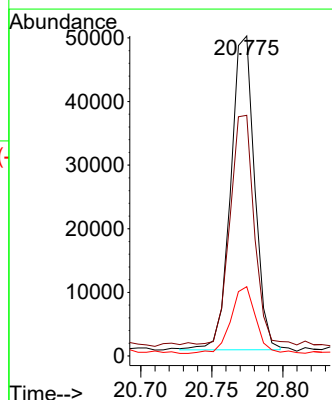
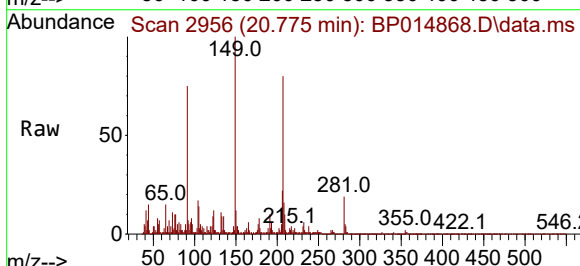
Tgt Ion:149 Resp: 57824

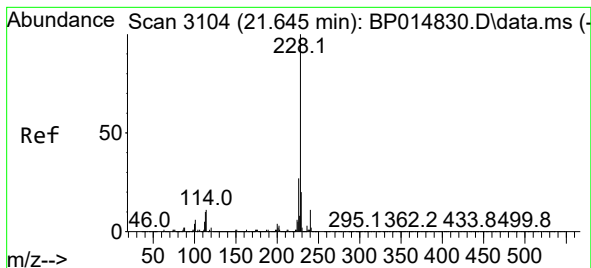
Ion Ratio Lower Upper

149 100

91 75.2 58.5 87.7

206 21.7 16.7 25.1





#85

Benzo(a)anthracene

Concen: 4.800 ng/ul

RT: 21.639 min Scan# 3104

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

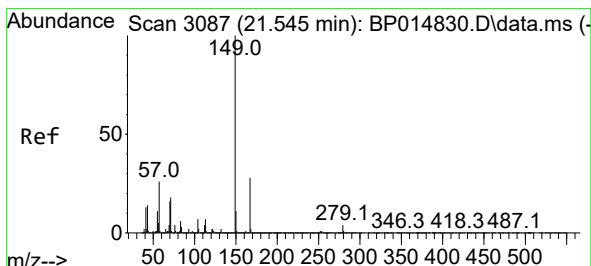
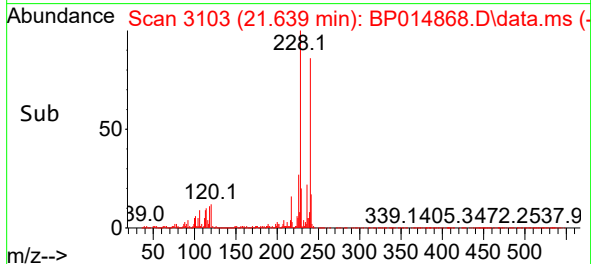
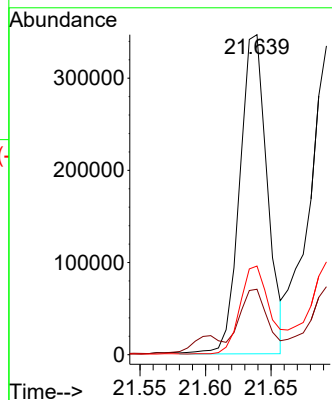
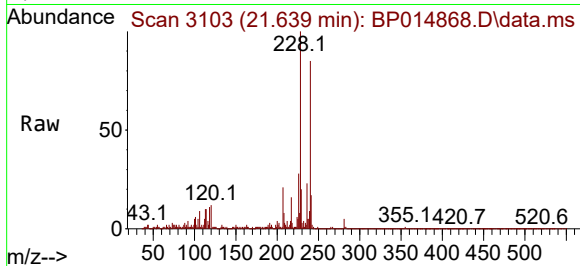
Tgt Ion:228 Resp: 506051

Ion Ratio Lower Upper

228 100

229 20.4 15.7 23.5

226 27.7 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 34.302 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. -0.006 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

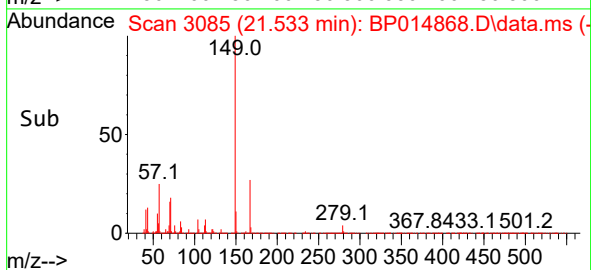
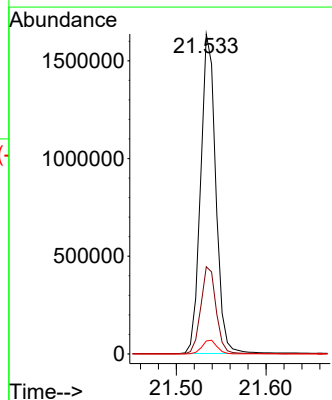
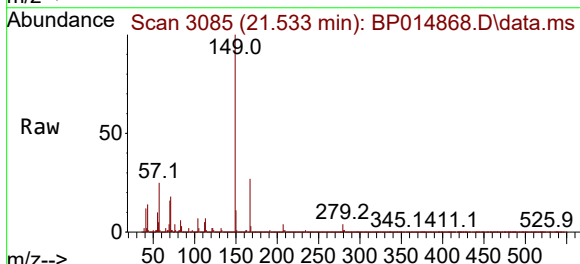
Tgt Ion:149 Resp: 1918695

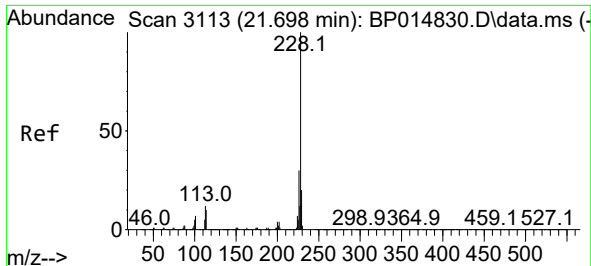
Ion Ratio Lower Upper

149 100

167 27.2 21.8 32.6

279 4.1 3.4 5.0

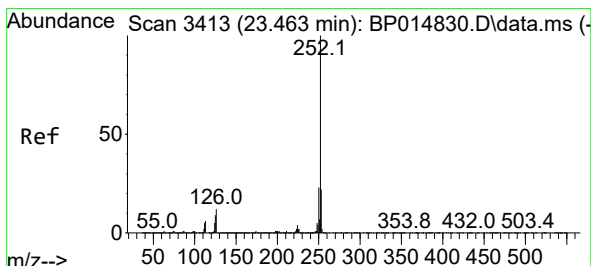
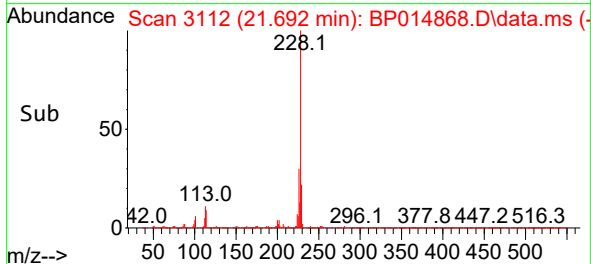
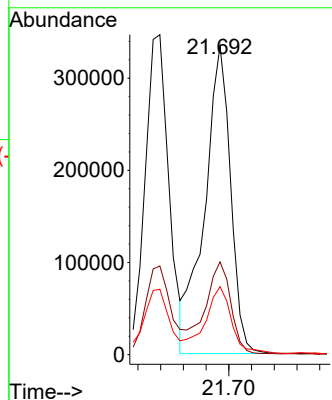
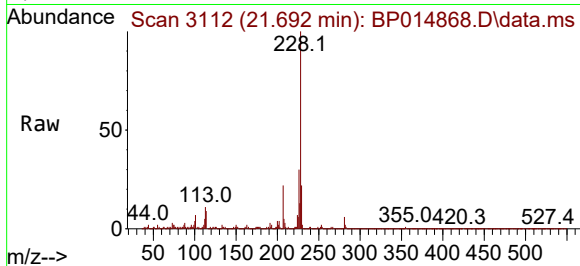




#87
Chrysene
Concen: 5.322 ng/ul
RT: 21.692 min Scan# 3113
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

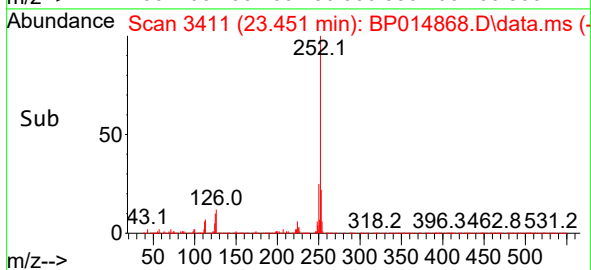
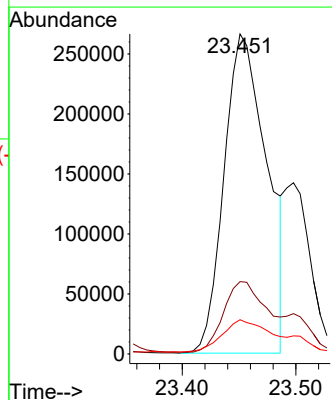
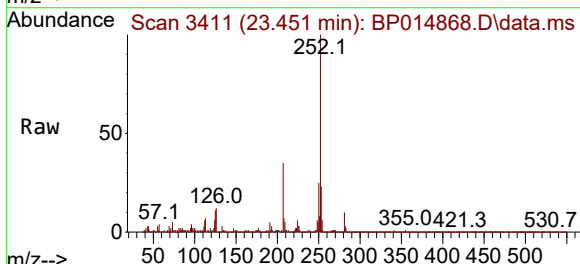
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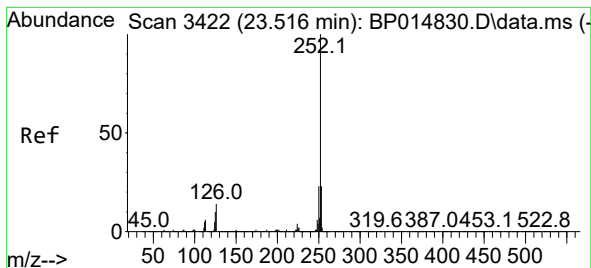
Tgt Ion:228 Resp: 531840
Ion Ratio Lower Upper
228 100
226 30.0 24.5 36.7
229 22.0 16.0 24.0



#90
Benzo(b)fluoranthene
Concen: 6.430 ng/ul
RT: 23.451 min Scan# 3411
Delta R.T. 0.000 min
Lab File: BP014868.D
Acq: 27 Apr 2023 12:00

Tgt Ion:252 Resp: 695207
Ion Ratio Lower Upper
252 100
253 22.6 17.2 25.8
125 10.7 7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 6.629 ng/ul

RT: 23.451 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

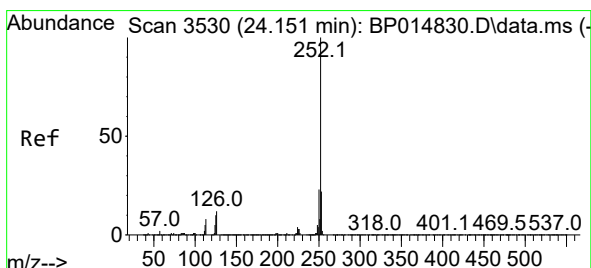
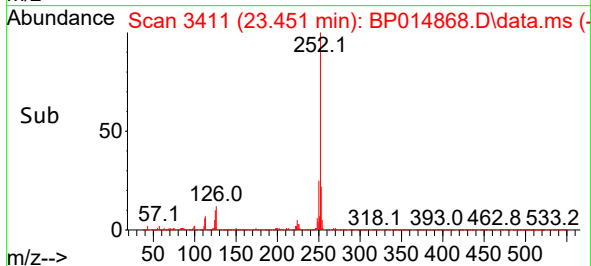
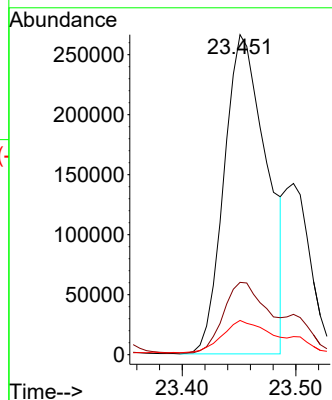
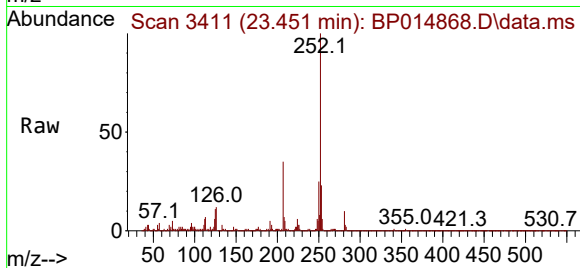
Tgt Ion:252 Resp: 695207

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

125 10.7 7.9 11.9



#93

Benzo(a)pyrene

Concen: 4.864 ng/ul

RT: 24.139 min Scan# 3528

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

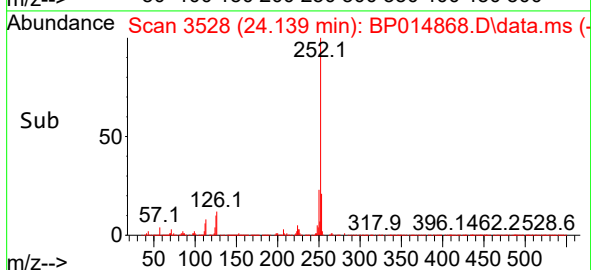
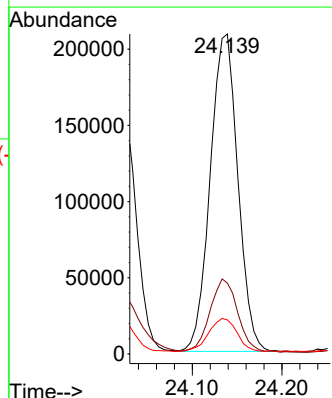
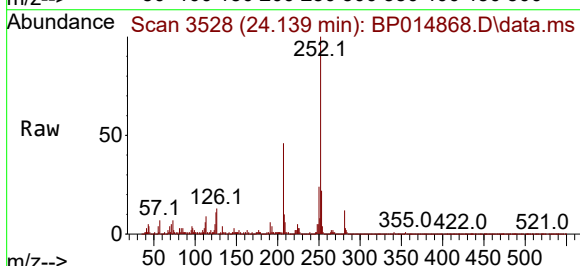
Tgt Ion:252 Resp: 445475

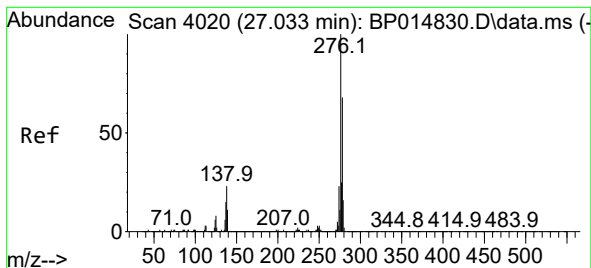
Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 10.7 8.6 12.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.174 ng/ul

RT: 27.004 min Scan# 4020

Delta R.T. -0.012 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Instrument :

BNA_P

ClientSampleId :

EW8Z5DL

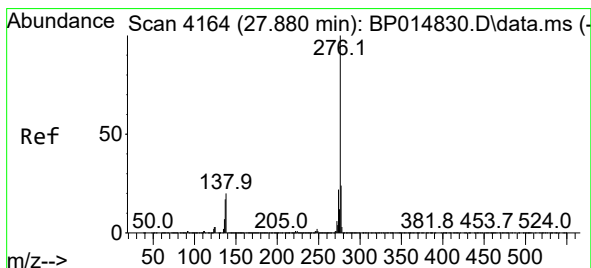
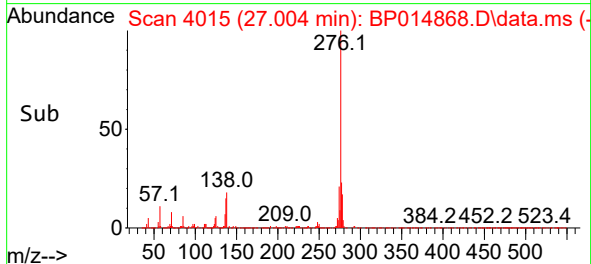
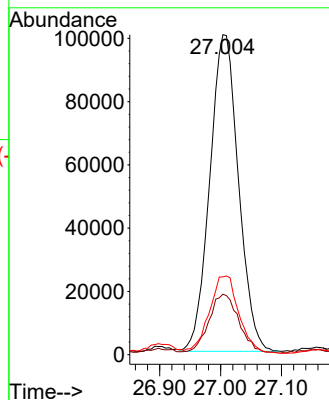
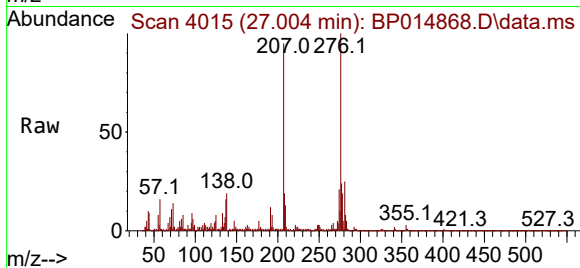
Tgt Ion:276 Resp: 327804

Ion Ratio Lower Upper

276 100

138 18.9 17.7 26.5

277 24.3 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.390 ng/ul

RT: 27.862 min Scan# 4161

Delta R.T. 0.000 min

Lab File: BP014868.D

Acq: 27 Apr 2023 12:00

Tgt Ion:276 Resp: 277369

Ion Ratio Lower Upper

276 100

138 20.0 16.2 24.2

277 24.1 18.9 28.3

