

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015872.D
 Acq On : 01 Jul 2023 07:31
 Operator : MA/JU
 Sample : 03239-02
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY0

Quant Time: Jul 02 00:43:03 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

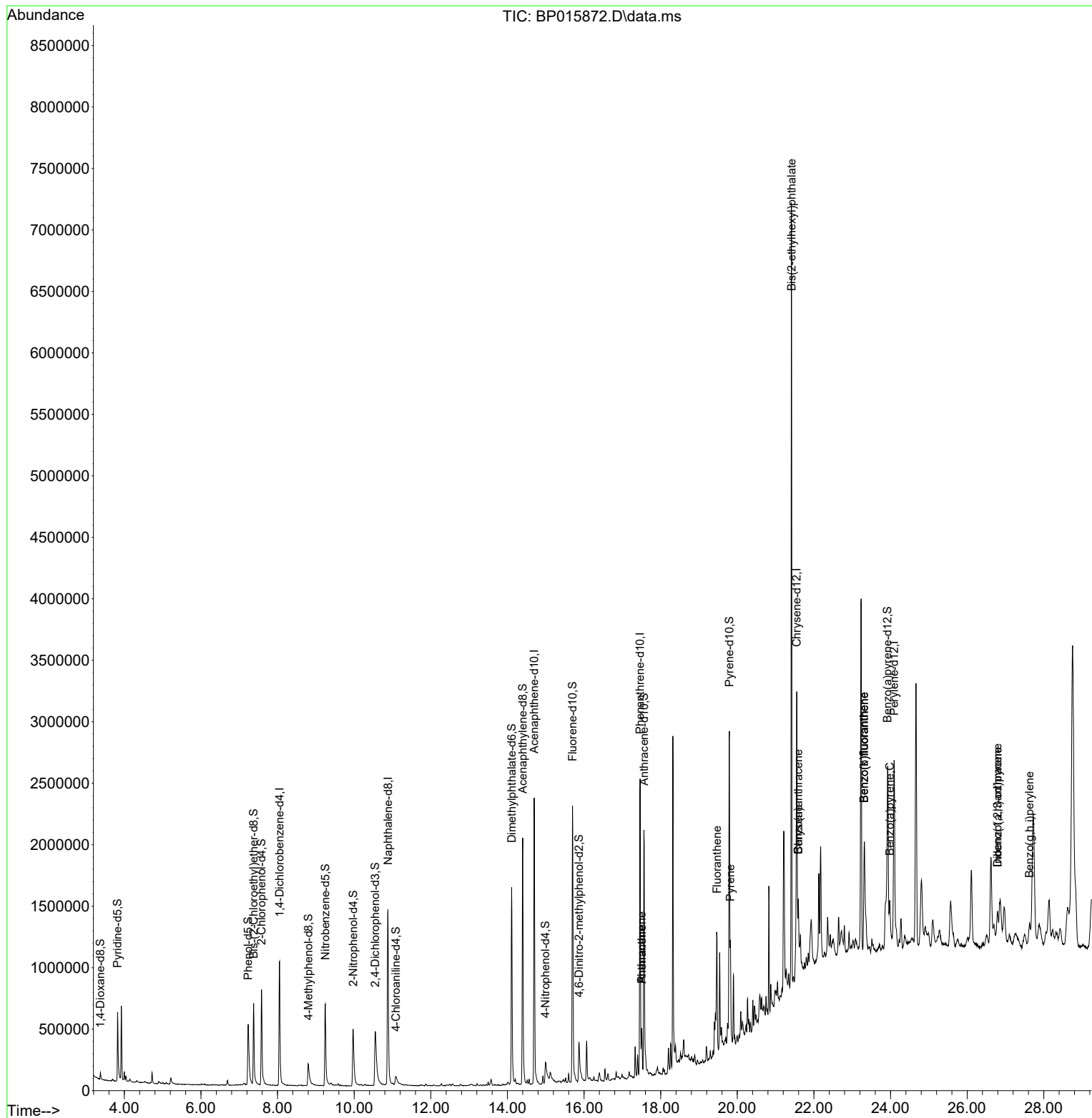
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	313540	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1363909	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.698	164	791518	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.463	188	1447669	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	1010274	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1194272	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	25575	2.935	ng/uL	-0.01
4) Pyridine-d5	3.822	84	269873	12.285	ng/ul	0.00
7) Phenol-d5	7.234	99	452483	16.867	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.375	67	339112	20.432	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.581	132	380980	18.813	ng/ul	-0.01
15) 4-Methylphenol-d8	8.804	113	125493	5.921	ng/ul	0.02
21) Nitrobenzene-d5	9.245	128	190730	18.298	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	209505	17.221	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	325149	14.998	ng/ul	0.03
31) 4-Chloroaniline-d4	11.087	131	91990	3.303	ng/ul	0.05
46) Dimethylphthalate-d6	14.110	166	1216805	19.890	ng/ul	-0.01
49) Acenaphthylene-d8	14.398	160	1339349	19.475	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.992	143	82873	10.265	ng/ul	0.05
60) Fluorene-d10	15.698	176	975444	19.364	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.869	200	106431	11.954	ng/ul	0.01
73) Anthracene-d10	17.563	188	1286888	19.461	ng/ul	-0.01
81) Pyrene-d10	19.792	212	1320846	20.022	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.921	264	1214928	20.167	ng/ul	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.504	178	201591	2.563	ng/ul	99
74) Anthracene	17.504	178	202107	2.558	ng/ul	98
80) Fluoranthene	19.468	202	524998	6.403	ng/ul#	94
82) Pyrene	19.821	202	458183	5.479	ng/ul#	92
85) Benzo(a)anthracene	21.592	228	303245	4.267	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.415	149	2228843	47.533	ng/ul	98
87) Chrysene	21.592	228	303396	4.500	ng/ul	97
90) Benzo(b)fluoranthene	23.309	252	488981	6.372	ng/ul#	93
91) Benzo(k)fluoranthene	23.309	252	488981	6.307	ng/ul#	92
93) Benzo(a)pyrene	23.980	252	301992	4.504	ng/ul#	94
94) Indeno(1,2,3-cd)pyrene	26.792	276	281737	3.095	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.792	278	74909	1.002	ng/ul#	72
96) Benzo(g,h,i)perylene	27.627	276	271619	3.627	ng/ul#	94

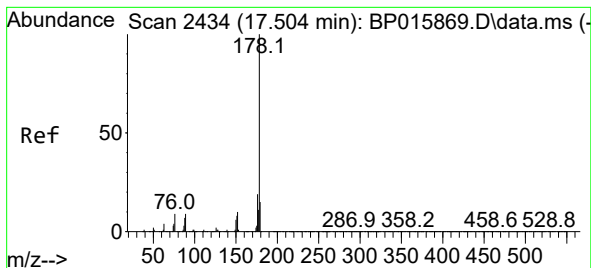
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Jun 30 22:30:25 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.563 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.012 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

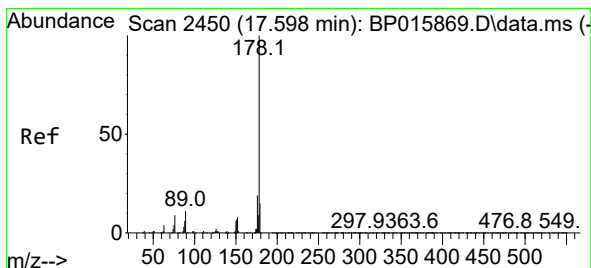
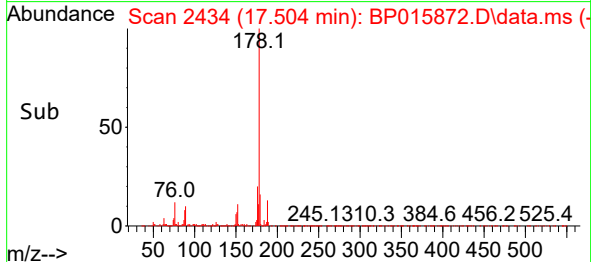
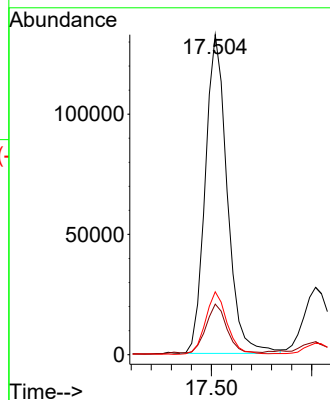
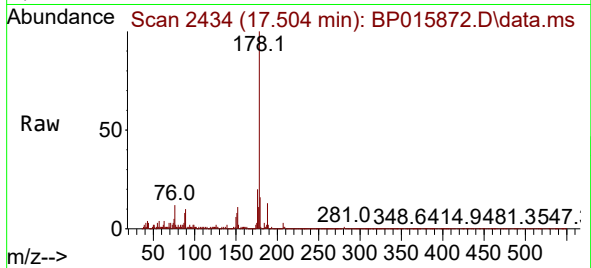
Tgt Ion:178 Resp: 201591

Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 2.558 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.106 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

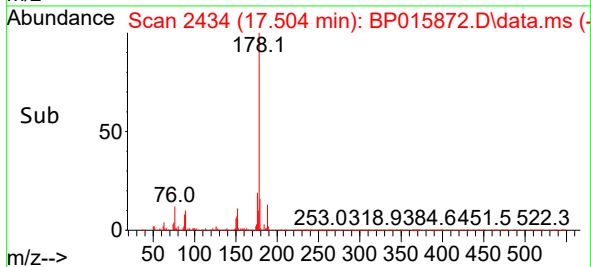
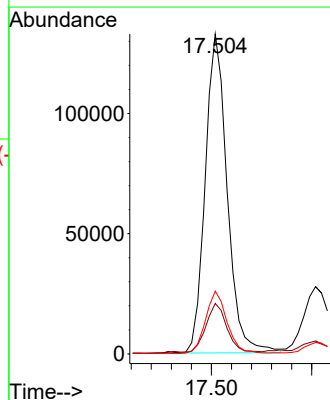
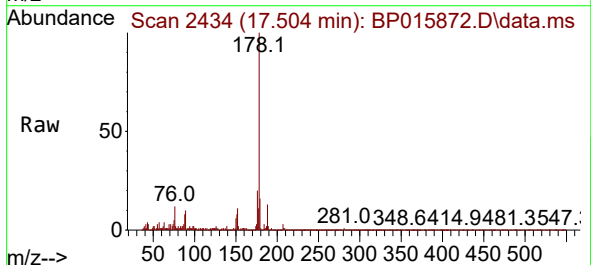
Tgt Ion:178 Resp: 202107

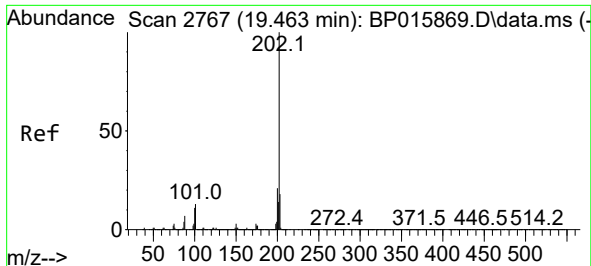
Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 19.6 14.6 22.0

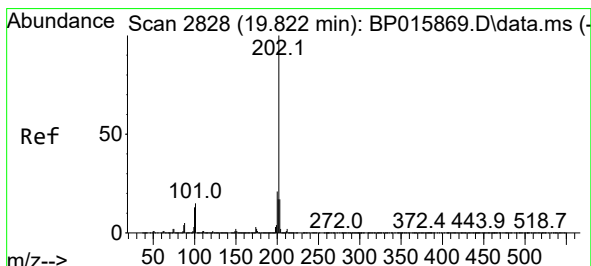
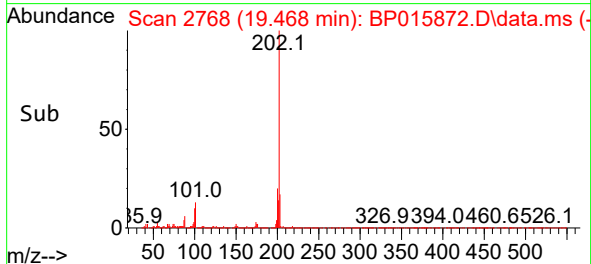
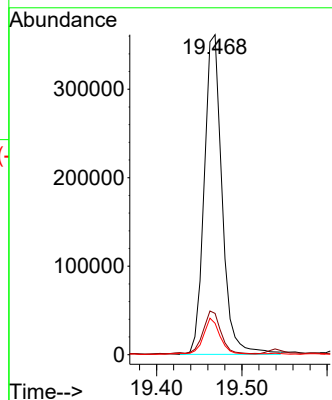
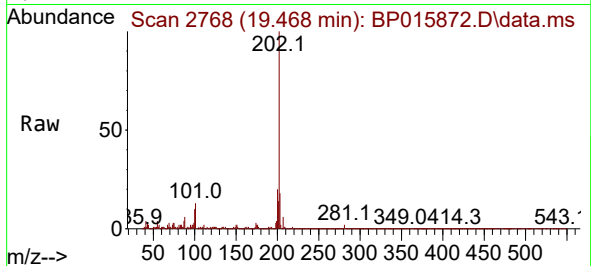




#80
Fluoranthene
Concen: 6.403 ng/ul
RT: 19.468 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31

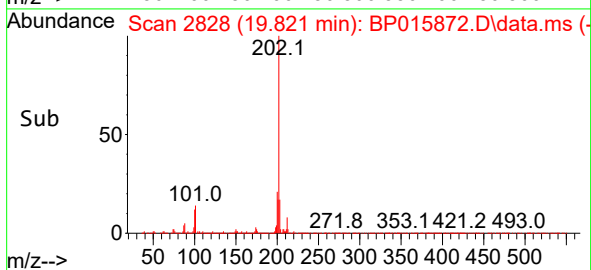
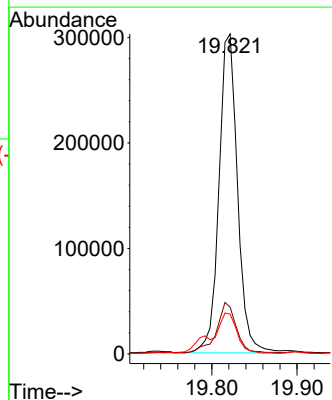
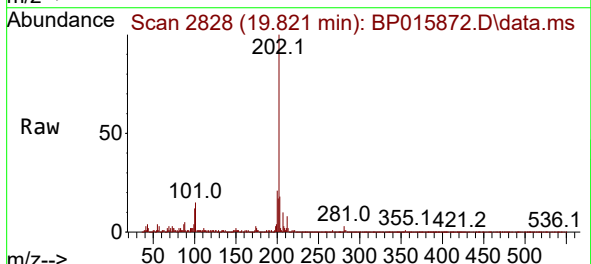
Instrument :
BNA_P
ClientSampleId :
DCFY0

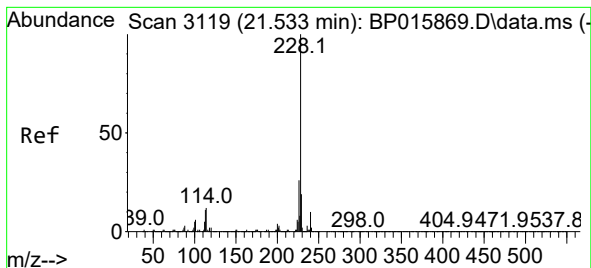
Tgt Ion:202 Resp: 524998
Ion Ratio Lower Upper
202 100
101 12.9 8.3 12.5#
100 9.8 6.6 9.8



#82
Pyrene
Concen: 5.479 ng/ul
RT: 19.821 min Scan# 2828
Delta R.T. -0.012 min
Lab File: BP015872.D
Acq: 01 Jul 2023 07:31

Tgt Ion:202 Resp: 458183
Ion Ratio Lower Upper
202 100
101 14.6 9.3 13.9#
100 12.4 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 4.267 ng/ul

RT: 21.592 min Scan# 3119

Delta R.T. 0.047 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

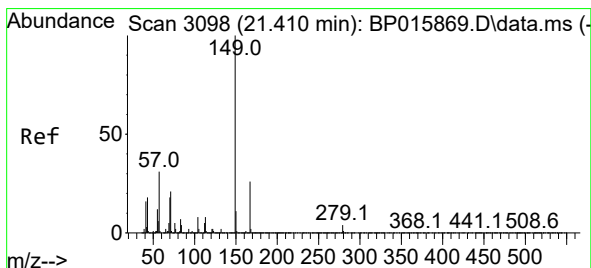
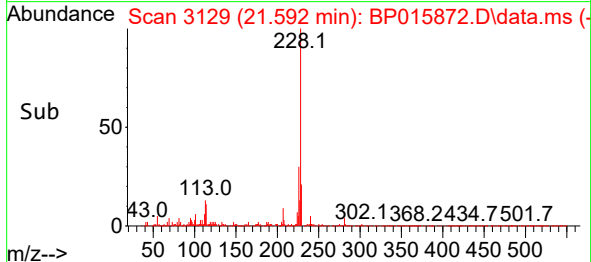
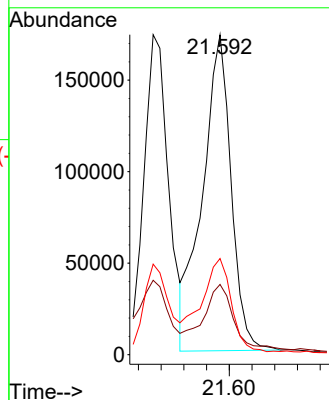
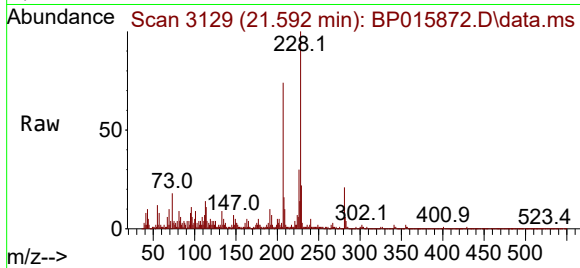
Tgt Ion:228 Resp: 303245

Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 30.1 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 47.533 ng/ul

RT: 21.415 min Scan# 3099

Delta R.T. -0.018 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

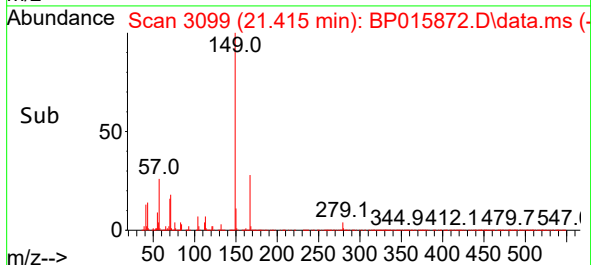
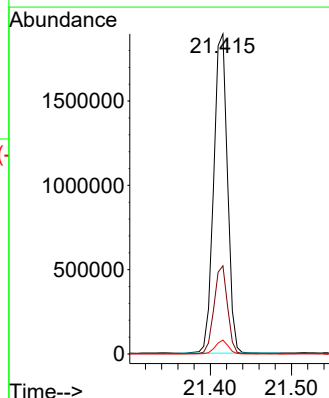
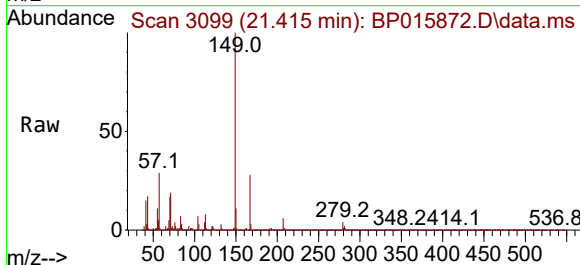
Tgt Ion:149 Resp: 2228843

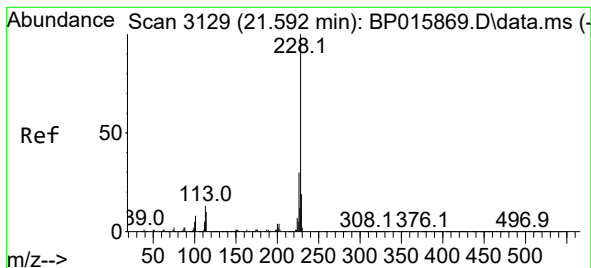
Ion Ratio Lower Upper

149 100

167 27.6 21.0 31.6

279 4.3 3.8 5.6





#87

Chrysene

Concen: 4.500 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

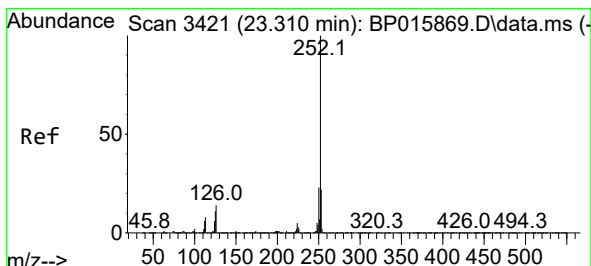
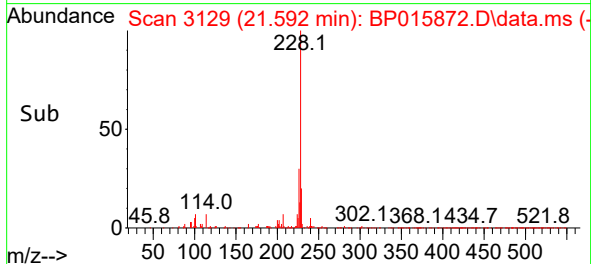
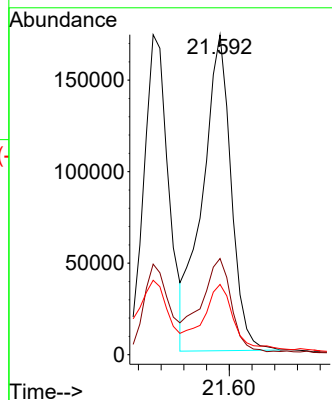
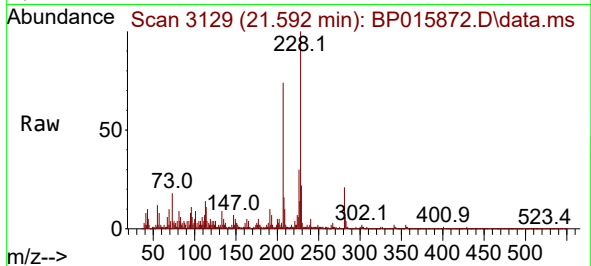
Tgt Ion:228 Resp: 303396

Ion Ratio Lower Upper

228 100

226 30.1 24.3 36.5

229 22.0 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 6.372 ng/ul

RT: 23.309 min Scan# 3421

Delta R.T. -0.018 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

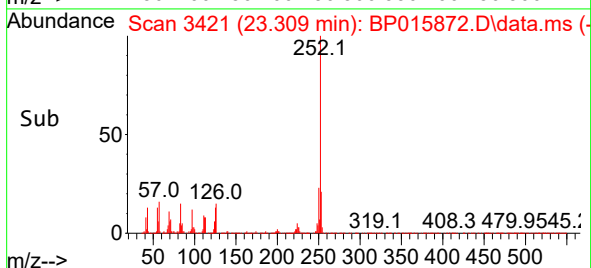
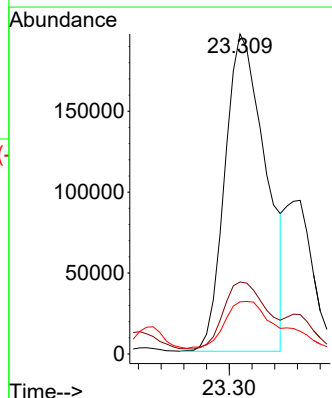
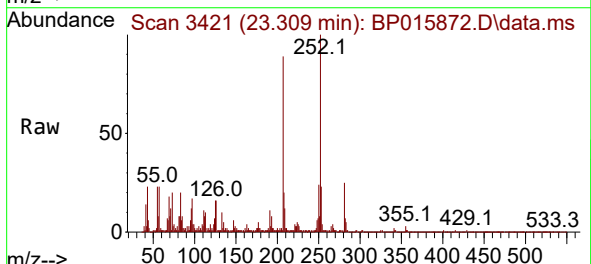
Tgt Ion:252 Resp: 488981

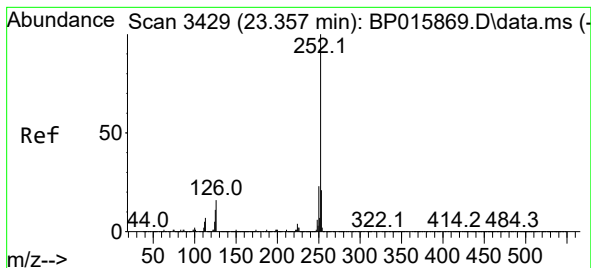
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 16.3 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 6.307 ng/ul

RT: 23.309 min Scan# 3429

Delta R.T. -0.071 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

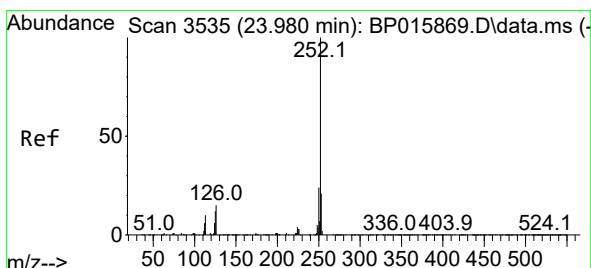
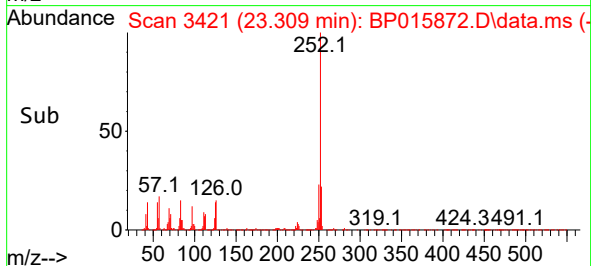
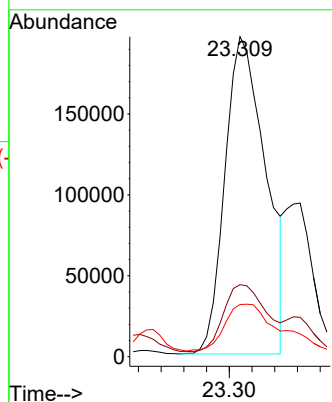
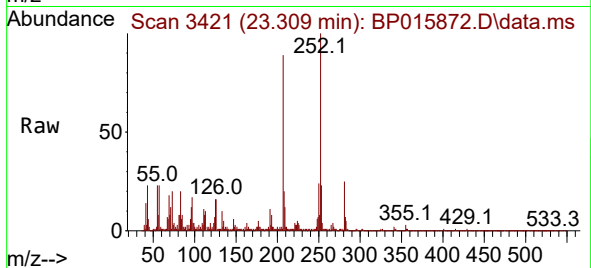
Tgt Ion:252 Resp: 488981

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 16.3 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 4.504 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.024 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

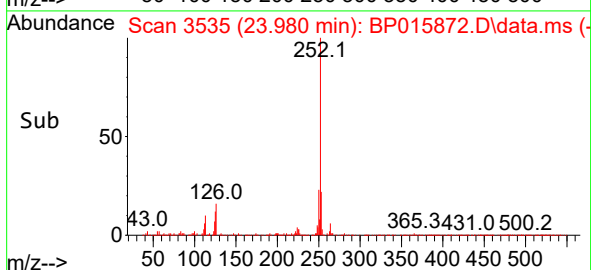
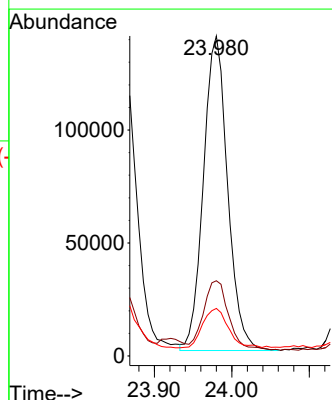
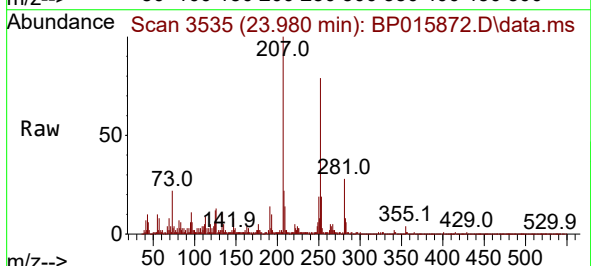
Tgt Ion:252 Resp: 301992

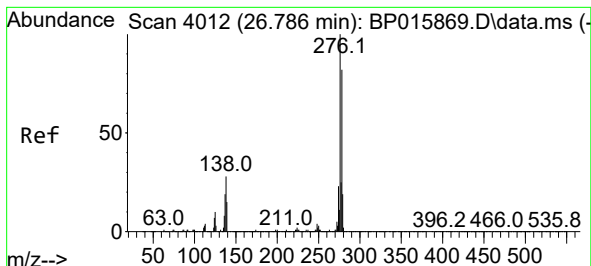
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 14.8 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.095 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.024 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0

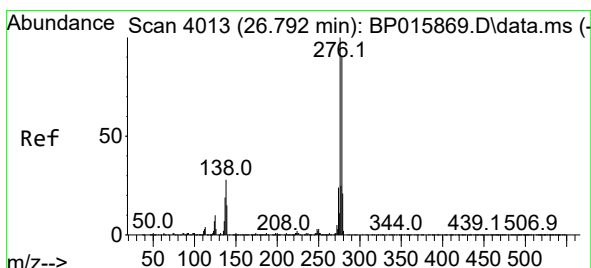
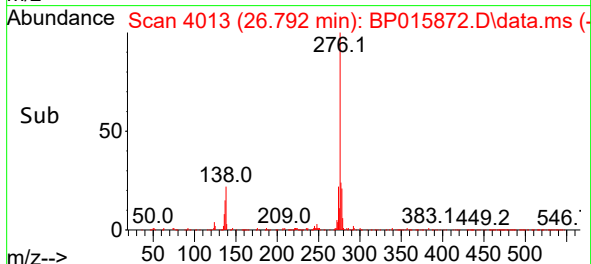
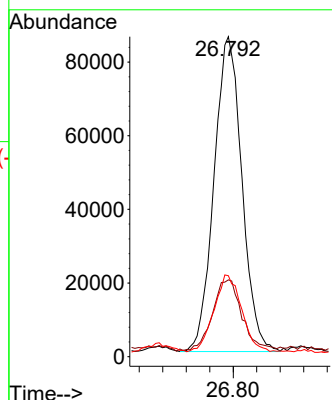
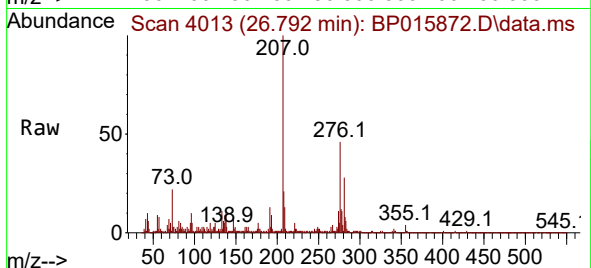
Tgt Ion:276 Resp: 281737

Ion Ratio Lower Upper

276 100

138 24.0 15.7 23.5#

277 25.3 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 1.002 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.035 min

Lab File: BP015872.D

Acq: 01 Jul 2023 07:31

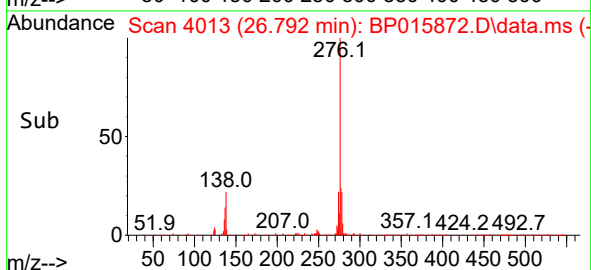
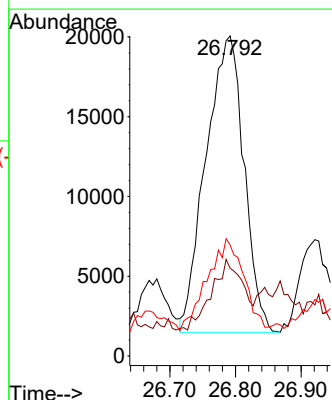
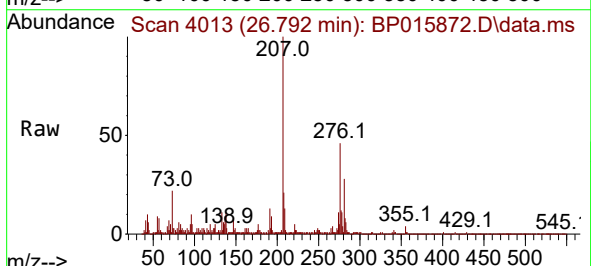
Tgt Ion:278 Resp: 74909

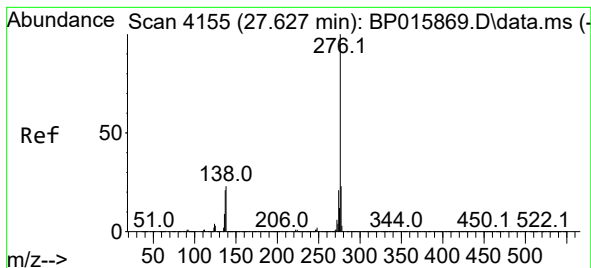
Ion Ratio Lower Upper

278 100

139 27.4 10.5 15.7#

279 34.7 18.4 27.6#





#96

Benzo(g,h,i)perylene

Concen: 3.627 ng/ul

RT: 27.627 min Scan# 41

Delta R.T. -0.030 min

Lab File: BP015872.D

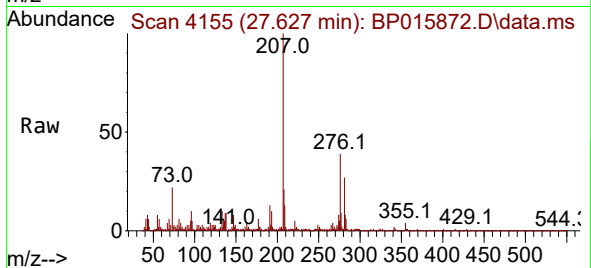
Acq: 01 Jul 2023 07:31

Instrument :

BNA_P

ClientSampleId :

DCFY0



Tgt Ion:276 Resp: 271619

Ion Ratio Lower Upper

276 100

138 24.4 15.1 22.7#

277 24.4 18.8 28.2

