

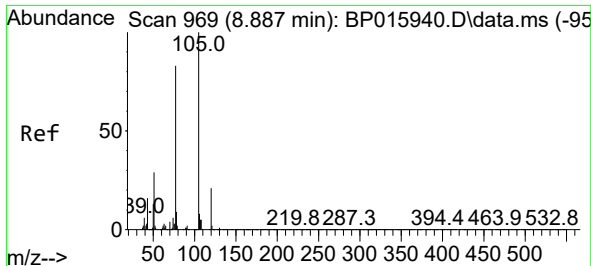
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015953.D
 Acq On : 03 Jul 2023 16:13
 Operator : MA/JU
 Sample : 03245-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG3

Quant Time: Jul 03 22:09:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	289154	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1254595	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	766774	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1619909	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1117422	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1180837	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	29212	3.635	ng/uL	0.00
4) Pyridine-d5	3.828	84	150181	7.413	ng/ul	0.01
7) Phenol-d5	7.234	99	565665	22.864	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.369	67	368731	24.090	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	444277	23.789	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	453516	23.204	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	219703	22.914	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	245918	21.976	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	439589	22.044	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	324507	12.668	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1522613	25.691	ng/ul	0.00
49) Acenaphthylene-d8	14.393	160	1701870	25.545	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	203	0.026	ng/ul	-0.02
60) Fluorene-d10	15.698	176	1278201	26.193	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	156639	15.723	ng/ul	0.01
73) Anthracene-d10	17.563	188	1841618	24.889	ng/ul	0.00
81) Pyrene-d10	19.786	212	2021642	27.707	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1540698	25.865	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.905	105	97062	3.021	ng/ul	99
72) Phenanthrene	17.504	178	626774	7.122	ng/ul	99
74) Anthracene	17.504	178	626774	7.088	ng/ul	99
80) Fluoranthene	19.463	202	1095223	12.078	ng/ul#	93
82) Pyrene	19.816	202	733250	7.927	ng/ul#	89
85) Benzo(a)anthracene	21.592	228	329792	4.196	ng/ul	95
87) Chrysene	21.592	228	326410	4.377	ng/ul	97
90) Benzo(b)fluoranthene	23.316	252	329030	4.337	ng/ul#	93
91) Benzo(k)fluoranthene	23.316	252	329030	4.292	ng/ul#	92
93) Benzo(a)pyrene	23.980	252	163221	2.462	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.810	276	127229	1.414	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	110651	1.494	ng/ul#	92

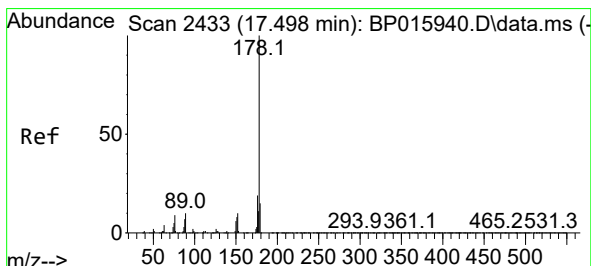
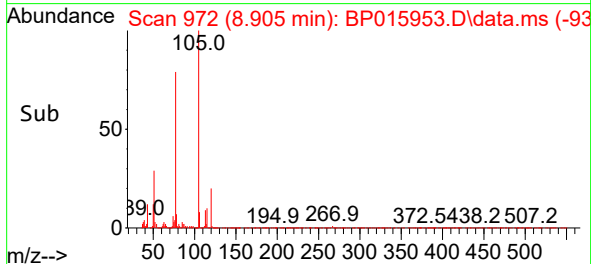
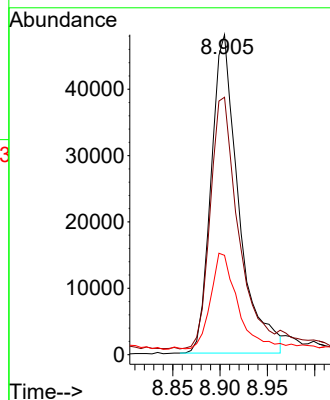
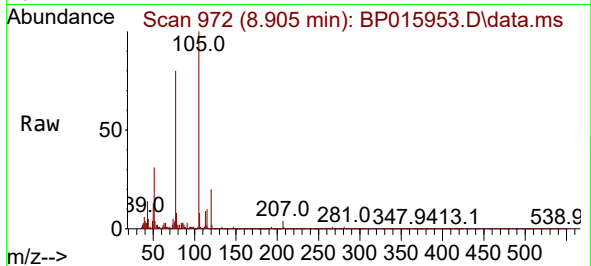
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 3.021 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015953.D
Acq: 03 Jul 2023 16:13

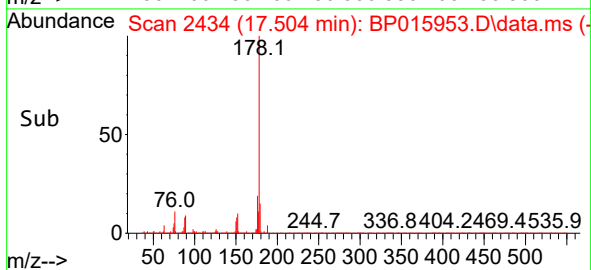
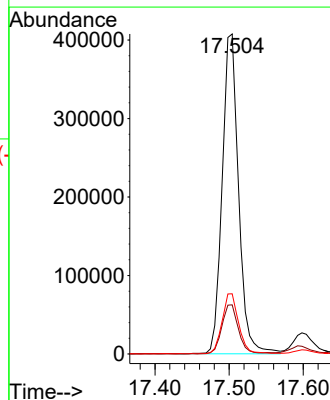
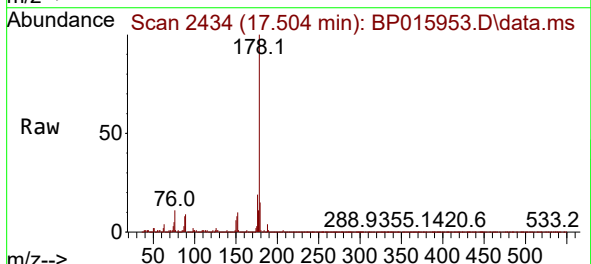
Instrument :
BNA_P
ClientSampleId :
DCGG3

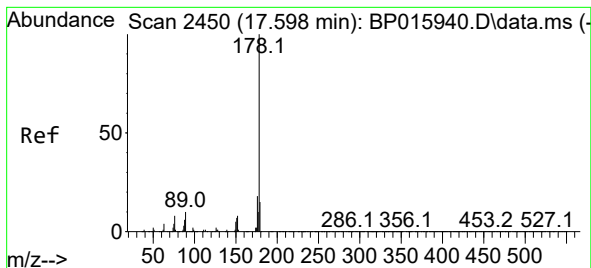
Tgt Ion:105 Resp: 97062
Ion Ratio Lower Upper
105 100
77 80.5 65.0 97.4
51 31.1 25.1 37.7



#72
Phenanthrene
Concen: 7.122 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015953.D
Acq: 03 Jul 2023 16:13

Tgt Ion:178 Resp: 626774
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.8 15.6 23.4





#74

Anthracene

Concen: 7.088 ng/ul

RT: 17.504 min Scan# 2450

Delta R.T. -0.094 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCGG3

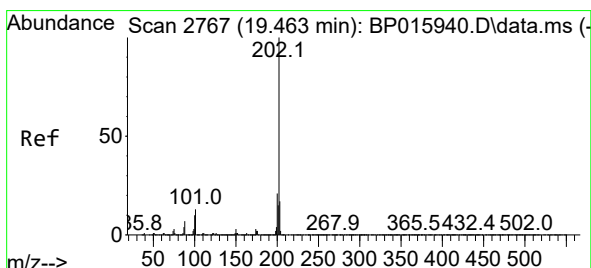
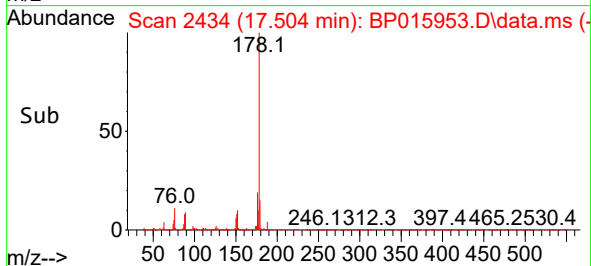
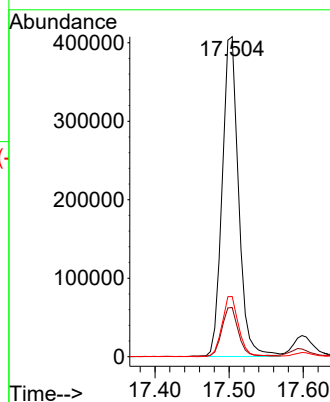
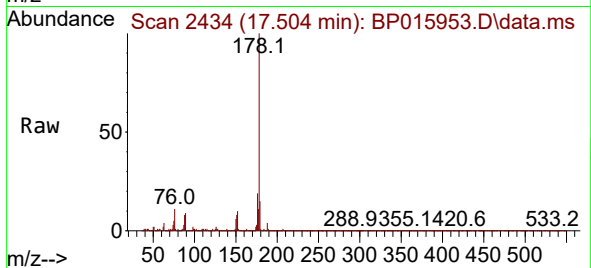
Tgt Ion:178 Resp: 626774

Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 18.8 14.6 22.0



#80

Fluoranthene

Concen: 12.078 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

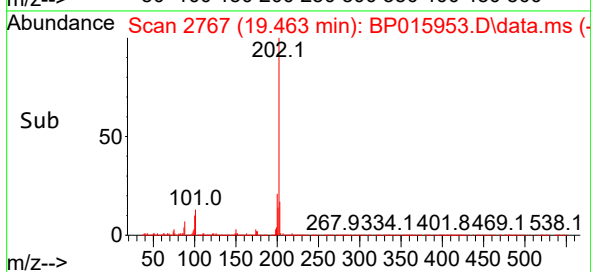
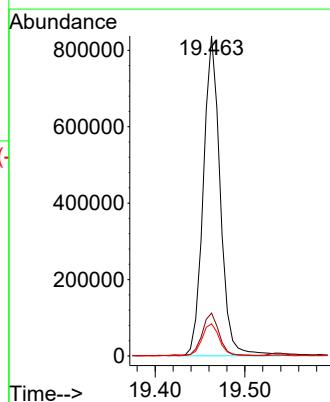
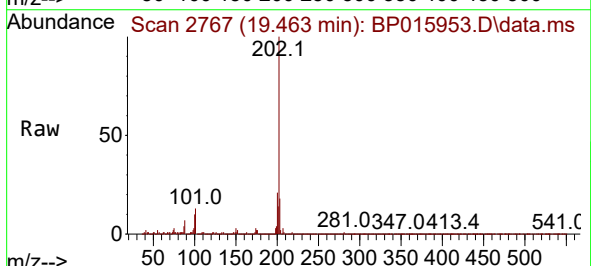
Tgt Ion:202 Resp: 1095223

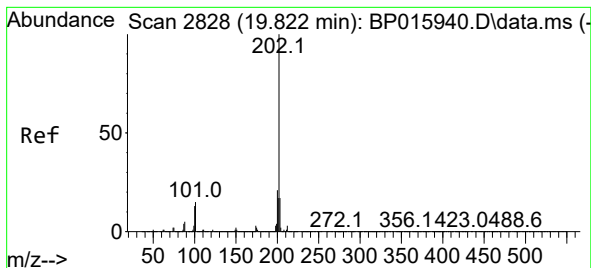
Ion Ratio Lower Upper

202 100

101 13.4 8.3 12.5#

100 10.1 6.6 9.8#





#82

Pyrene

Concen: 7.927 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCGG3

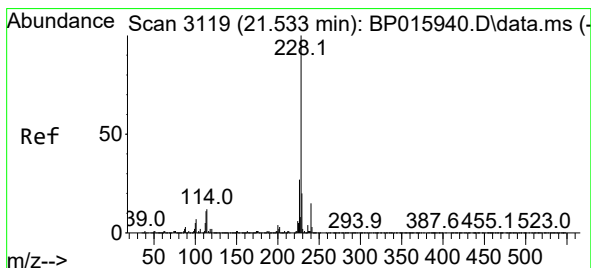
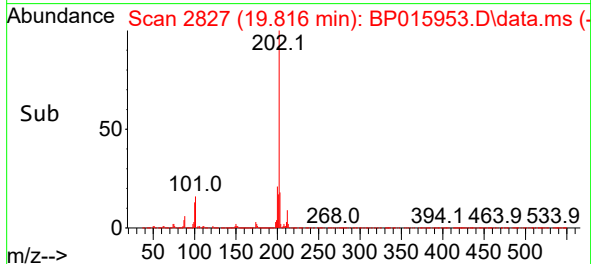
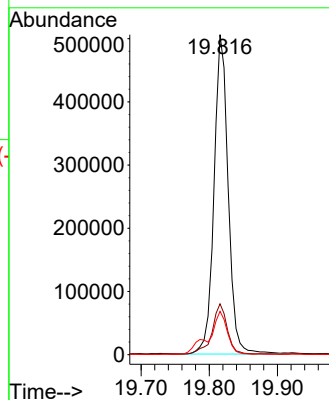
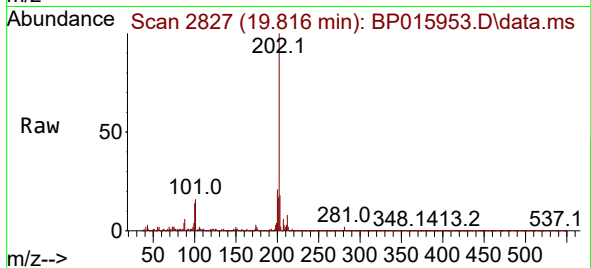
Tgt Ion:202 Resp: 733250

Ion Ratio Lower Upper

202 100

101 15.9 9.3 13.9#

100 13.6 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 4.196 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. 0.059 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

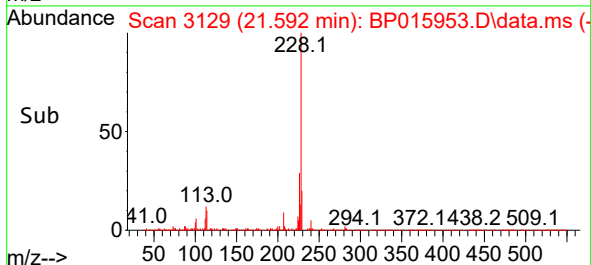
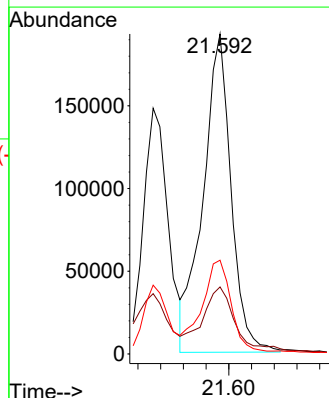
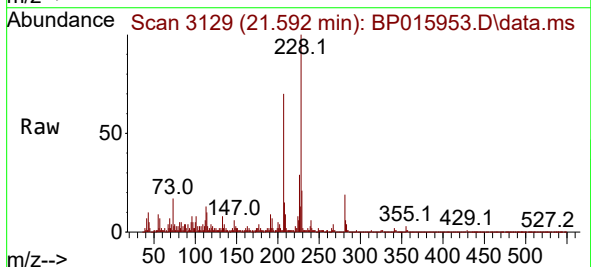
Tgt Ion:228 Resp: 329792

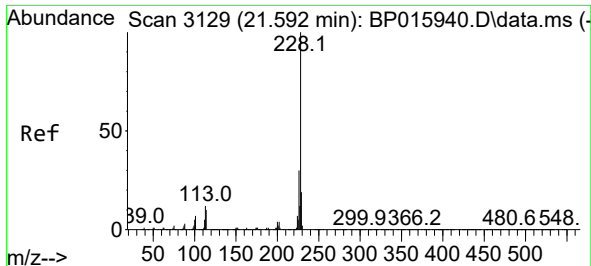
Ion Ratio Lower Upper

228 100

229 21.0 15.3 22.9

226 29.3 21.4 32.0

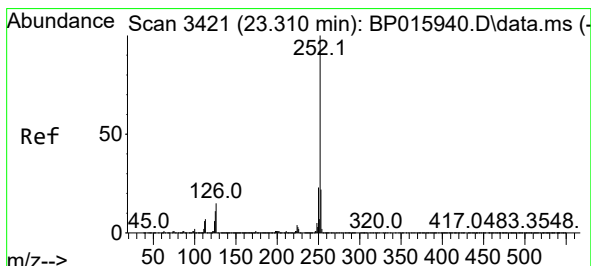
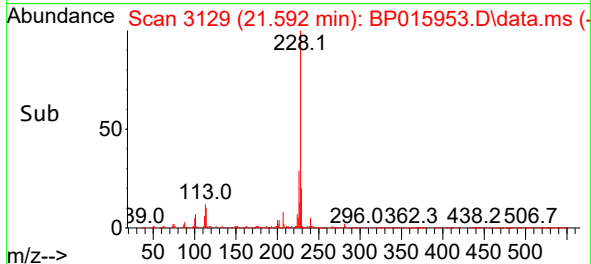
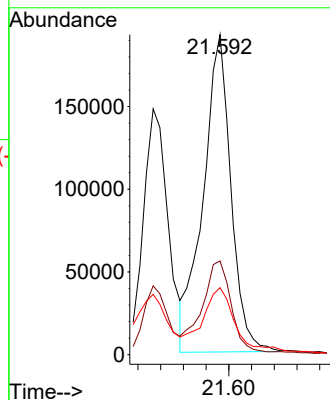
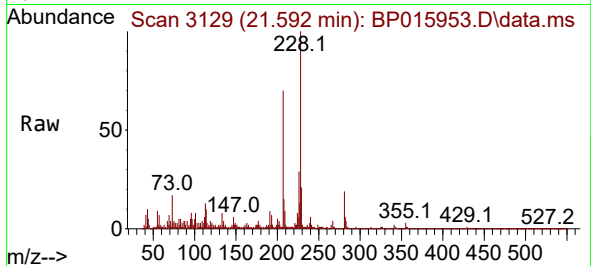




#87
Chrysene
Concen: 4.377 ng/ul
RT: 21.592 min Scan# 3129
Delta R.T. 0.006 min
Lab File: BP015953.D
Acq: 03 Jul 2023 16:13

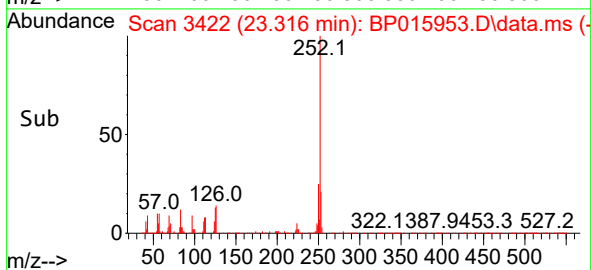
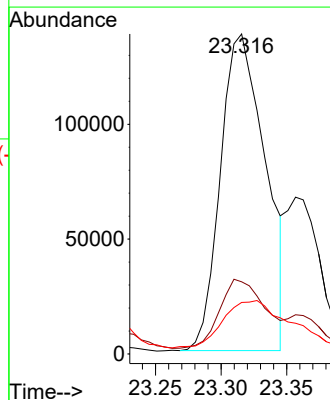
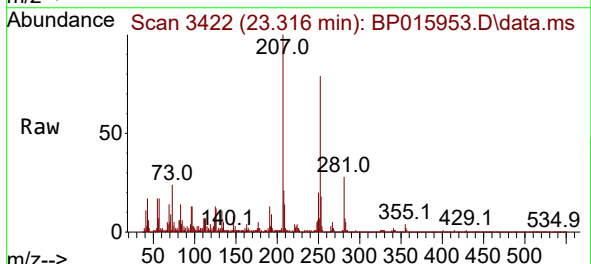
Instrument :
BNA_P
ClientSampleId :
DCGG3

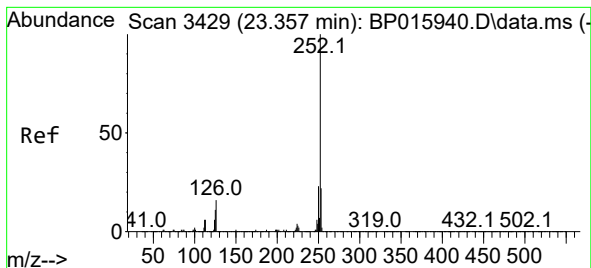
Tgt Ion:228 Resp: 326410
Ion Ratio Lower Upper
228 100
226 29.3 24.3 36.5
229 21.0 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 4.337 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015953.D
Acq: 03 Jul 2023 16:13

Tgt Ion:252 Resp: 329030
Ion Ratio Lower Upper
252 100
253 22.5 17.3 25.9
125 16.1 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 4.292 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCGG3

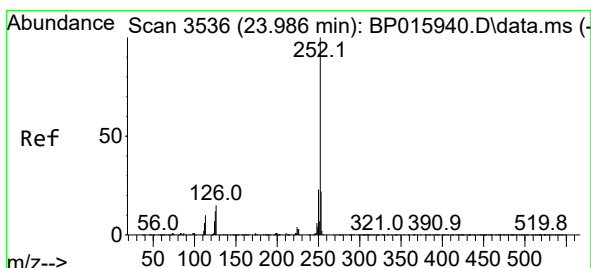
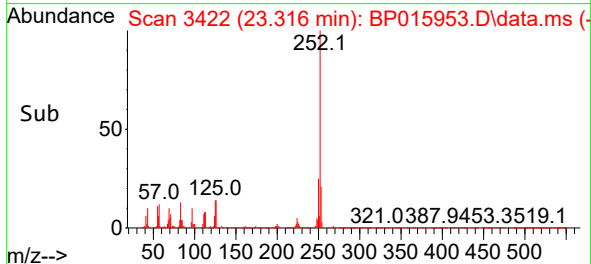
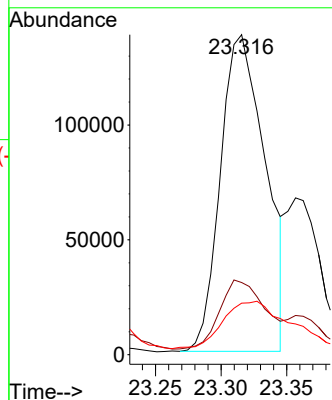
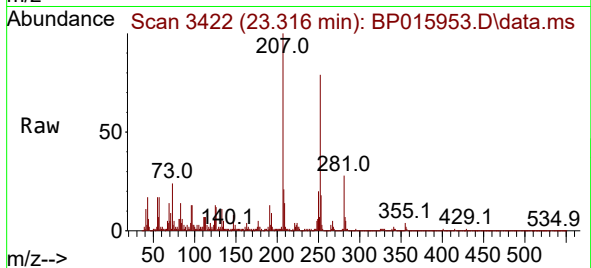
Tgt Ion:252 Resp: 329030

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 16.1 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.462 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

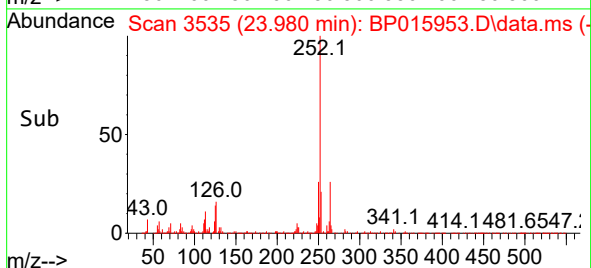
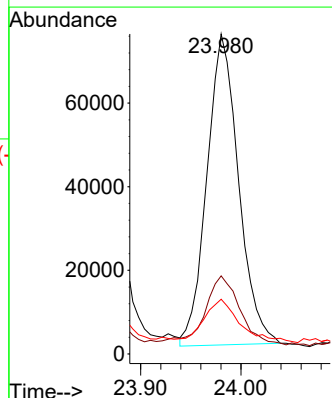
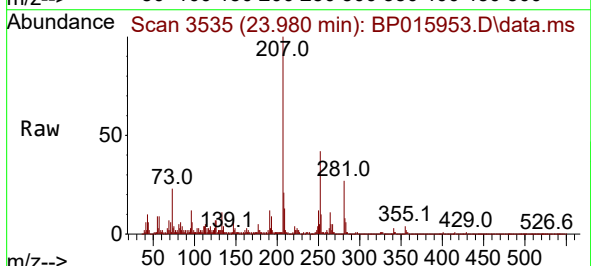
Tgt Ion:252 Resp: 163221

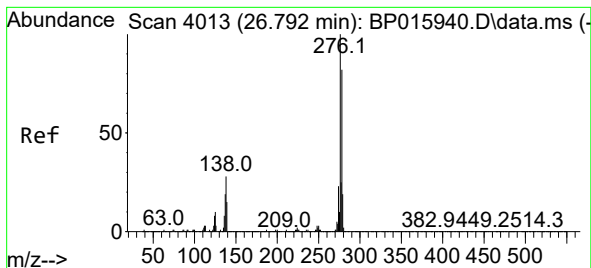
Ion Ratio Lower Upper

252 100

253 24.4 17.7 26.5

125 17.1 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.414 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.018 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

Instrument :

BNA_P

ClientSampleId :

DCGG3

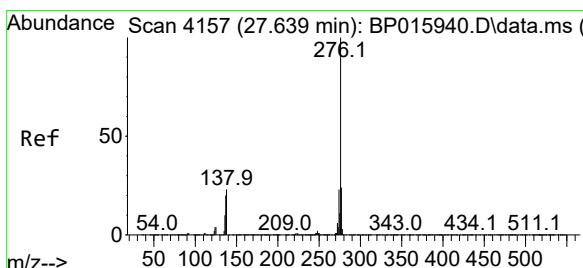
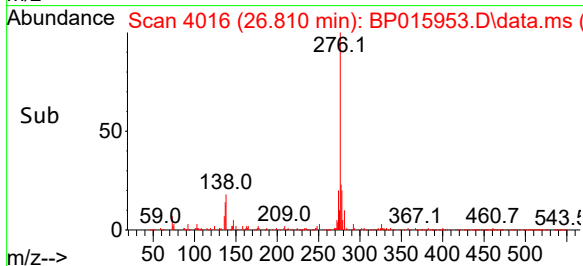
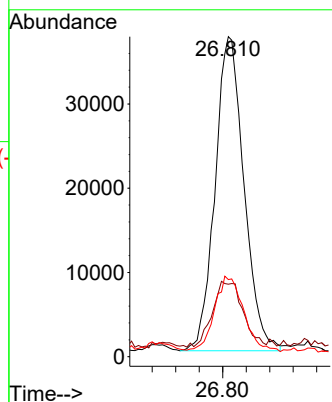
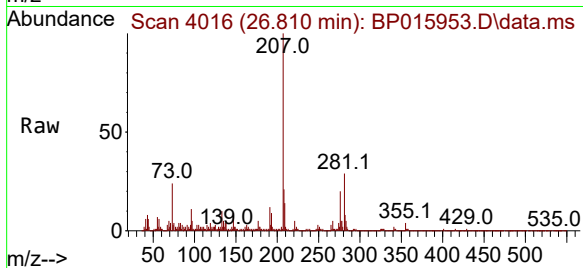
Tgt Ion:276 Resp: 127229

Ion Ratio Lower Upper

276 100

138 22.7 15.7 23.5

277 24.1 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.494 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015953.D

Acq: 03 Jul 2023 16:13

Tgt Ion:276 Resp: 110651

Ion Ratio Lower Upper

276 100

138 25.5 15.1 22.7#

277 21.9 18.8 28.2

