

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070323\
 Data File : BP015954.D
 Acq On : 03 Jul 2023 16:47
 Operator : MA/JU
 Sample : 03245-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG4

Quant Time: Jul 03 22:09:44 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)

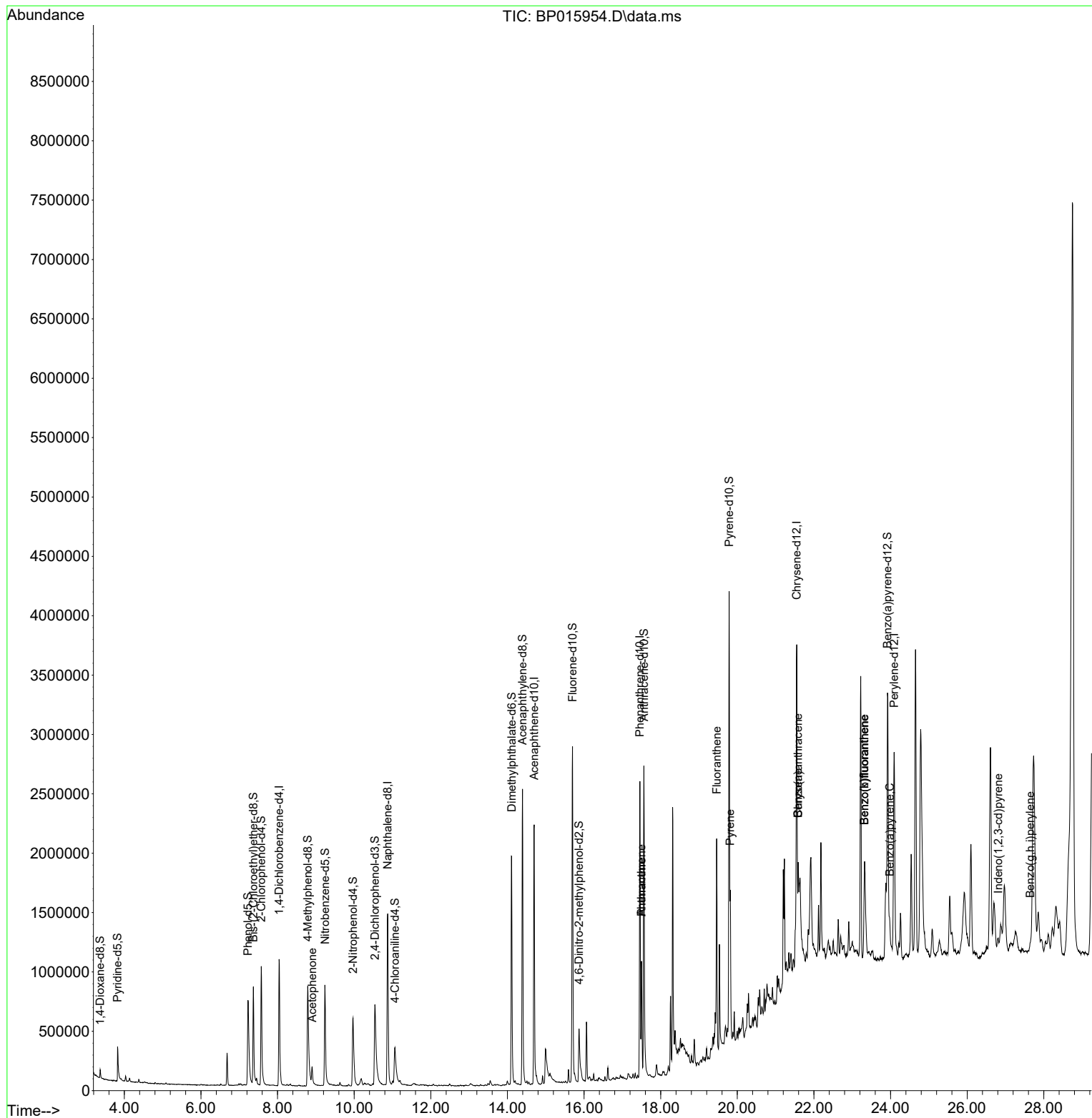
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	329151	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1351519	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	762986	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1477851	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	1239568	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	1467061	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	33667	3.680	ng/uL	0.00
4) Pyridine-d5	3.822	84	169643	7.356	ng/ul	0.00
7) Phenol-d5	7.228	99	636978	22.618	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	423383	24.299	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	497946	23.423	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	497599	22.366	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	240704	23.304	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	269409	22.348	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	466915	21.735	ng/ul	0.03
31) 4-Chloroaniline-d4	11.063	131	343007	12.430	ng/ul	0.04
46) Dimethylphthalate-d6	14.110	166	1507348	25.560	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1709265	25.783	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	190	0.024	ng/ul	-0.02
60) Fluorene-d10	15.698	176	1225862	25.245	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	141944	15.618	ng/ul	0.01
73) Anthracene-d10	17.563	188	1669517	24.732	ng/ul	0.00
81) Pyrene-d10	19.786	212	1894253	23.403	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1897656	25.642	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.905	105	93331	2.552	ng/ul	96
72) Phenanthrene	17.498	178	569057	7.088	ng/ul	99
74) Anthracene	17.498	178	569057	7.054	ng/ul	99
80) Fluoranthene	19.463	202	1008207	10.023	ng/ul#	94
82) Pyrene	19.816	202	702262	6.844	ng/ul#	90
85) Benzo(a)anthracene	21.586	228	367654	4.216	ng/ul	96
87) Chrysene	21.586	228	366599	4.431	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	416527	4.419	ng/ul#	93
91) Benzo(k)fluoranthene	23.316	252	416527	4.373	ng/ul#	92
93) Benzo(a)pyrene	23.980	252	204143	2.478	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.809	276	157458	1.408	ng/ul#	93
96) Benzo(g,h,i)perylene	27.645	276	139635	1.518	ng/ul#	88

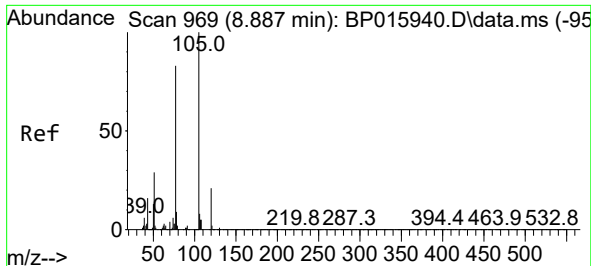
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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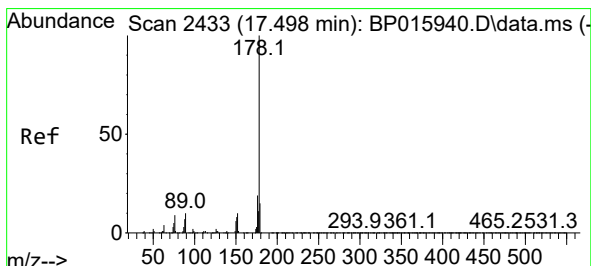
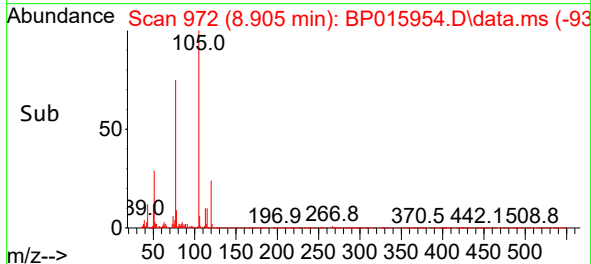
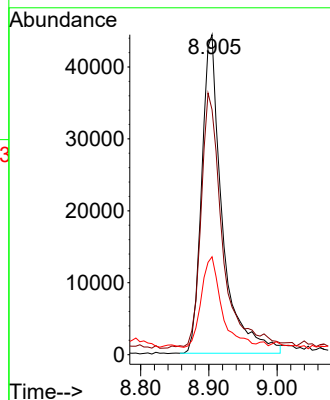
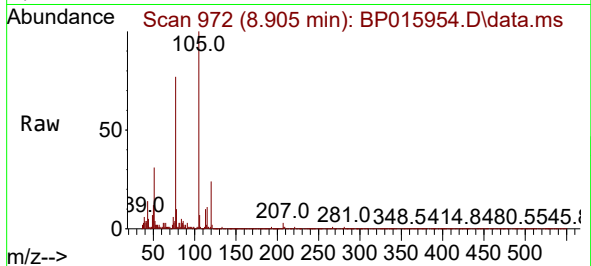




#16
Acetophenone
Concen: 2.552 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

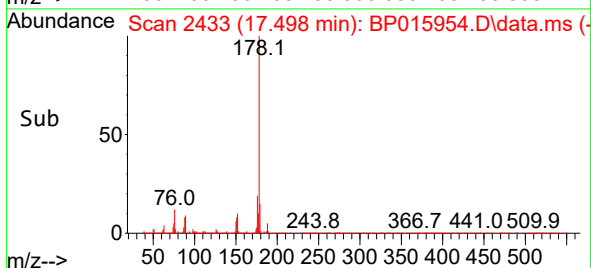
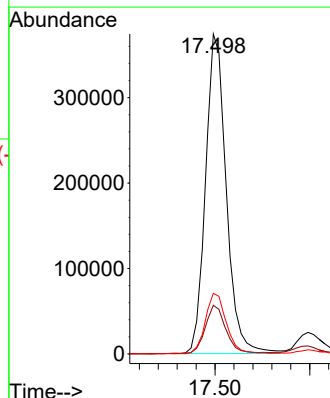
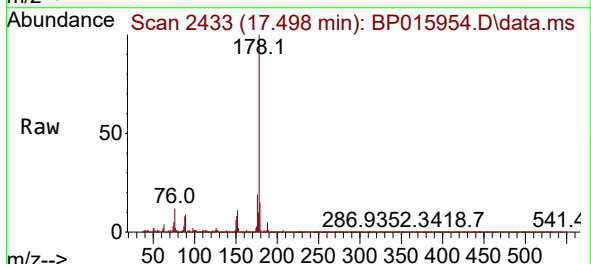
Instrument :
BNA_P
ClientSampleId :
DCGG4

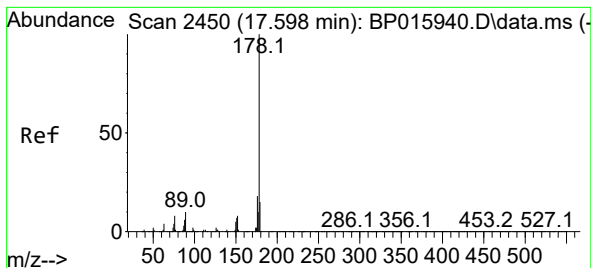
Tgt Ion:105 Resp: 93331
Ion Ratio Lower Upper
105 100
77 76.6 65.0 97.4
51 30.6 25.1 37.7



#72
Phenanthrene
Concen: 7.088 ng/ul
RT: 17.498 min Scan# 2433
Delta R.T. 0.000 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

Tgt Ion:178 Resp: 569057
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.6 23.4





#74

Anthracene

Concen: 7.054 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. -0.100 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

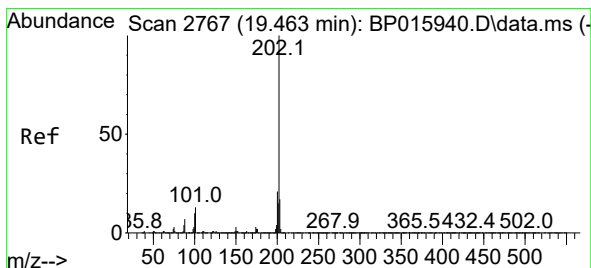
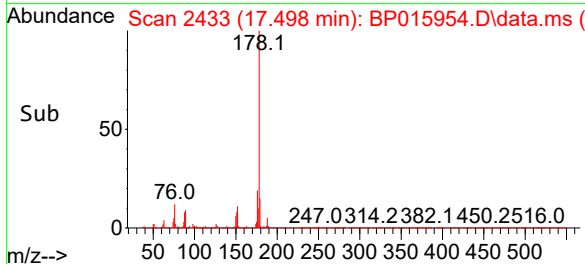
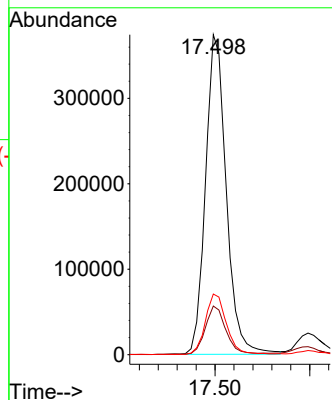
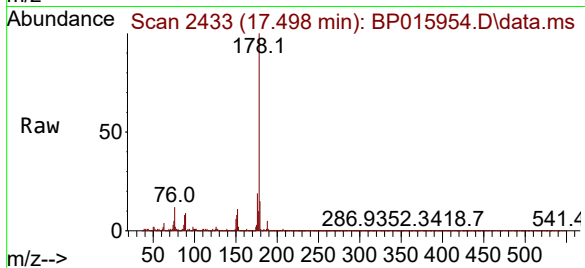
Tgt Ion:178 Resp: 569057

Ion Ratio Lower Upper

178 100

179 15.2 12.1 18.1

176 18.9 14.6 22.0



#80

Fluoranthene

Concen: 10.023 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

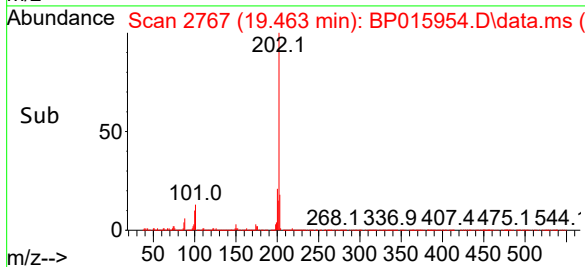
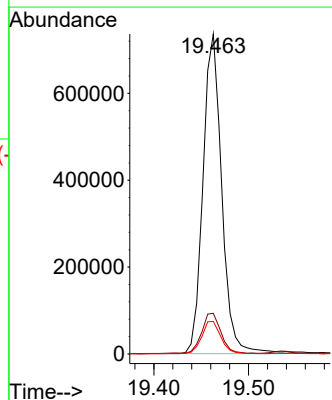
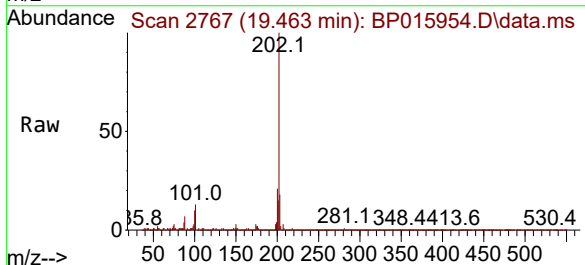
Tgt Ion:202 Resp: 1008207

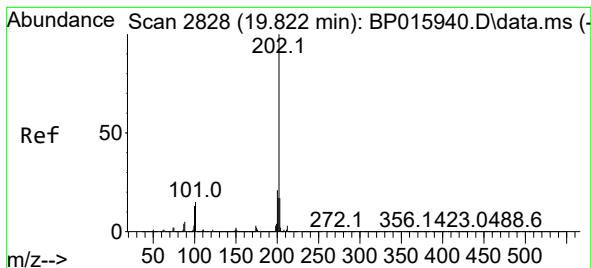
Ion Ratio Lower Upper

202 100

101 12.7 8.3 12.5#

100 10.2 6.6 9.8#





#82

Pyrene

Concen: 6.844 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

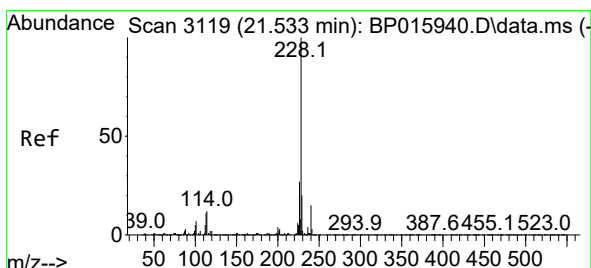
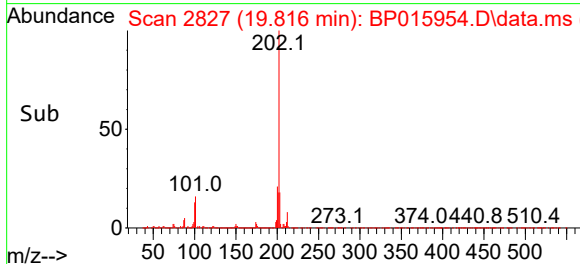
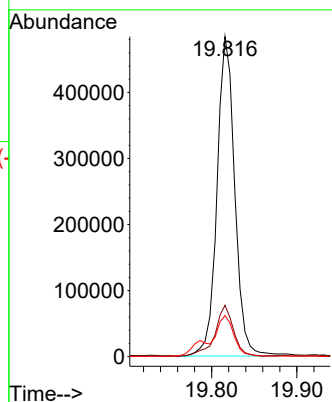
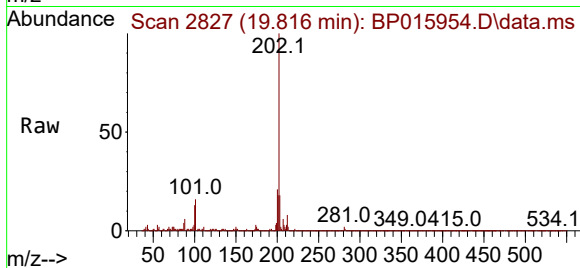
Tgt Ion:202 Resp: 702262

Ion Ratio Lower Upper

202 100

101 16.0 9.3 13.9#

100 12.9 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 4.216 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.053 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

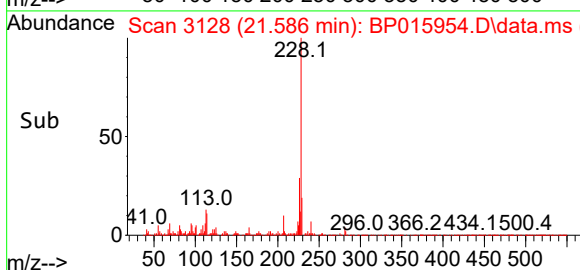
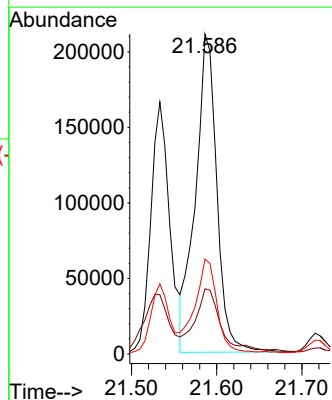
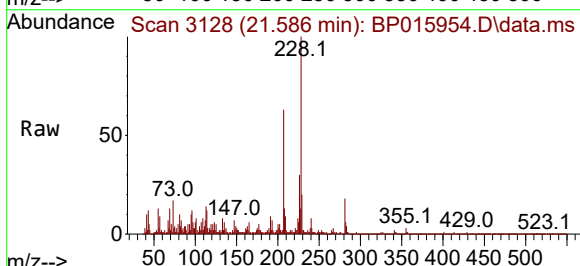
Tgt Ion:228 Resp: 367654

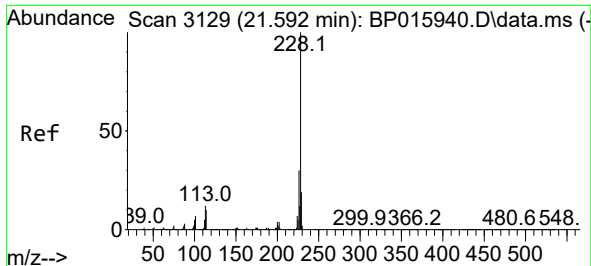
Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

226 29.6 21.4 32.0

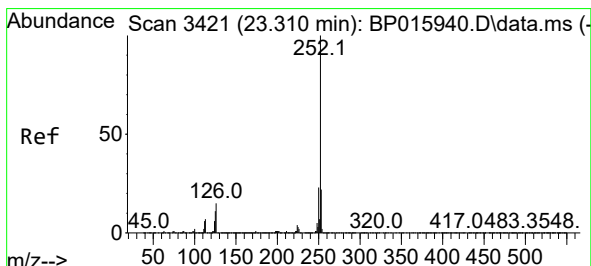
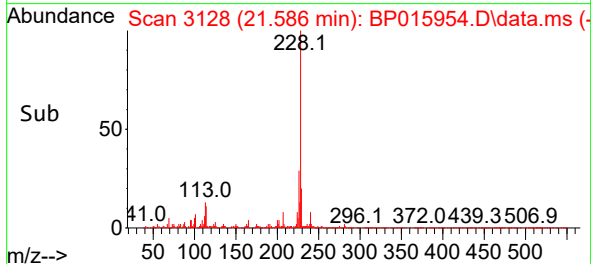
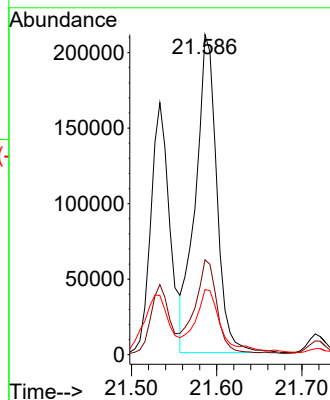
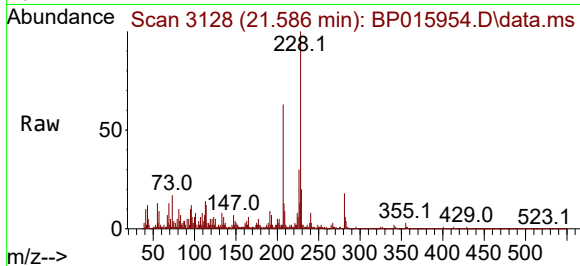




#87
Chrysene
Concen: 4.431 ng/ul
RT: 21.586 min Scan# 3129
Delta R.T. 0.000 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

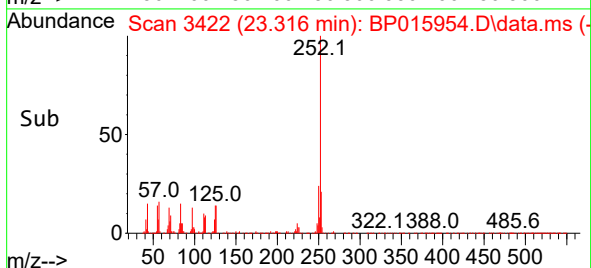
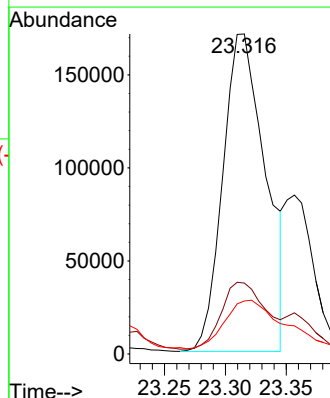
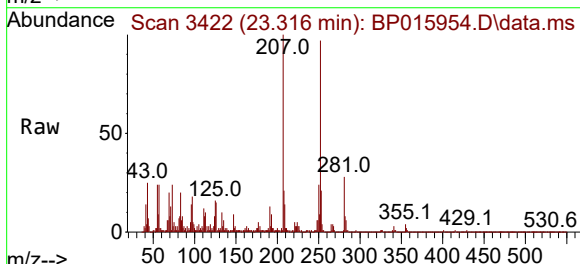
Instrument :
BNA_P
ClientSampleId :
DCGG4

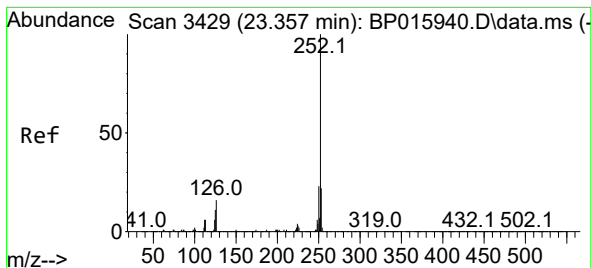
Tgt Ion:228 Resp: 366599
Ion Ratio Lower Upper
228 100
226 29.6 24.3 36.5
229 20.4 15.5 23.3



#90
Benzo(b)fluoranthene
Concen: 4.419 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015954.D
Acq: 03 Jul 2023 16:47

Tgt Ion:252 Resp: 416527
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 16.6 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 4.373 ng/ul

RT: 23.316 min Scan# 34

Delta R.T. -0.041 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

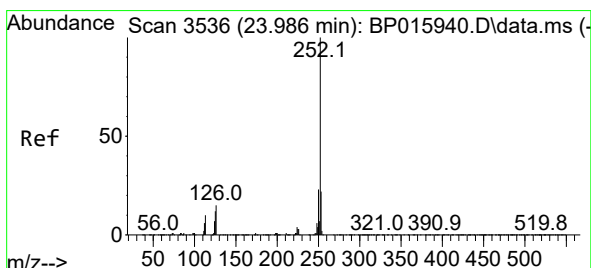
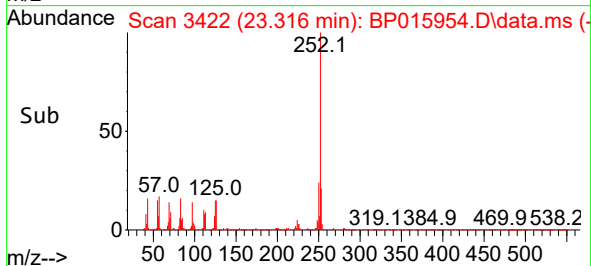
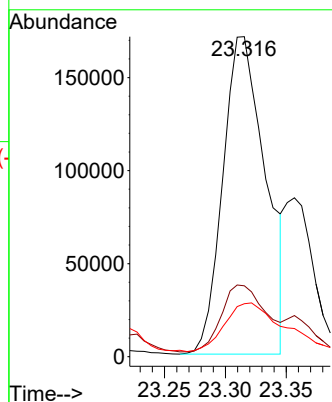
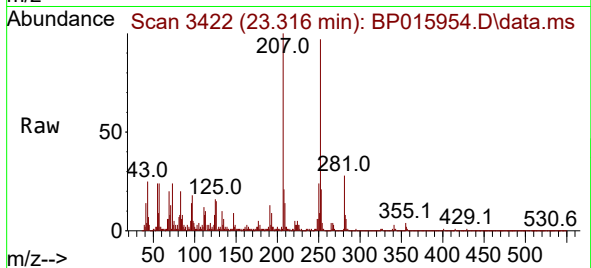
Tgt Ion:252 Resp: 416527

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 16.6 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.478 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

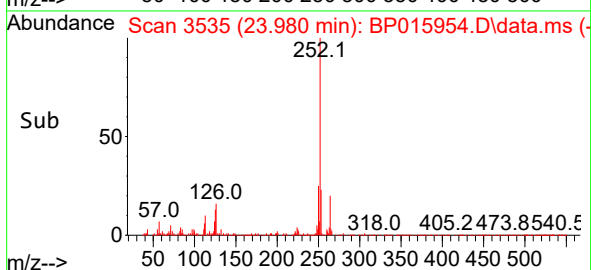
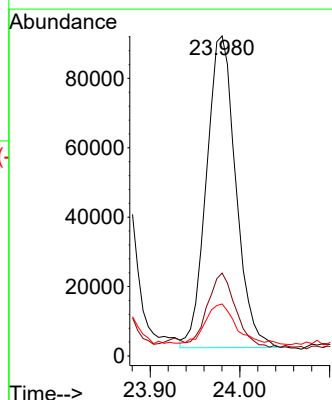
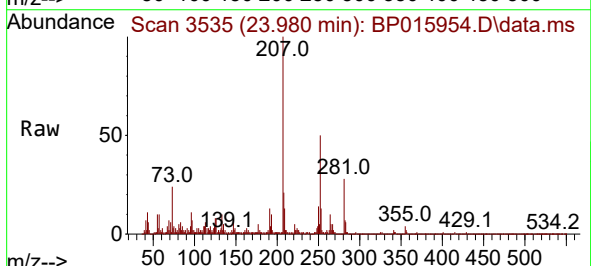
Tgt Ion:252 Resp: 204143

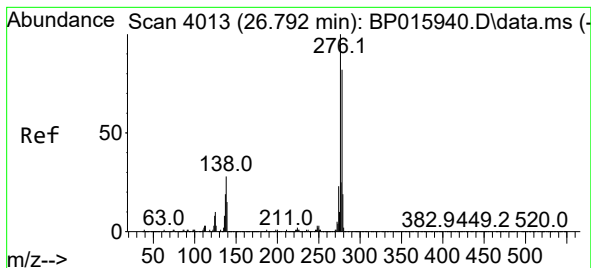
Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 16.2 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.408 ng/ul

RT: 26.809 min Scan# 4013

Delta R.T. 0.018 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Instrument :

BNA_P

ClientSampleId :

DCGG4

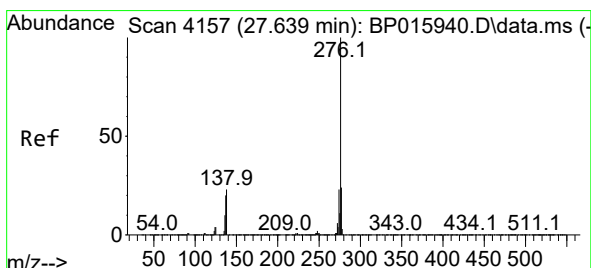
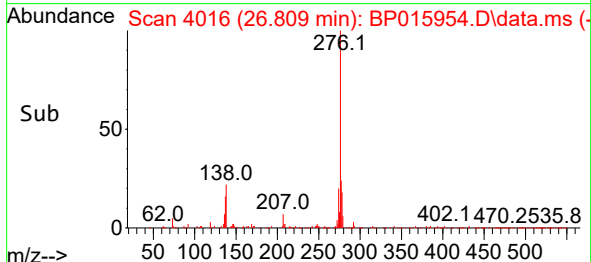
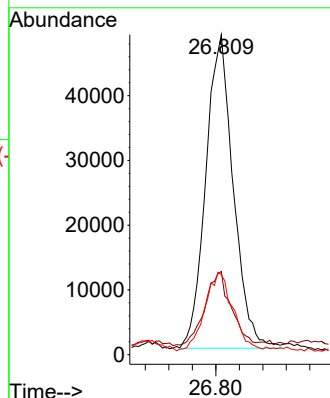
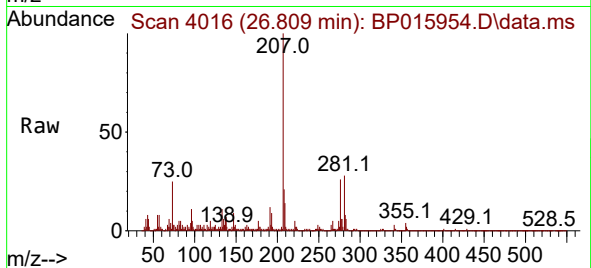
Tgt Ion:276 Resp: 157458

Ion Ratio Lower Upper

276 100

138 26.0 15.7 23.5#

277 25.0 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.518 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. 0.018 min

Lab File: BP015954.D

Acq: 03 Jul 2023 16:47

Tgt Ion:276 Resp: 139635

Ion Ratio Lower Upper

276 100

138 27.5 15.1 22.7#

277 26.9 18.8 28.2

