

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015931.D
 Acq On : 02 Jul 2023 19:09
 Operator : MA/JU
 Sample : 03245-06
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGG4

Quant Time: Jul 03 04:20:47 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

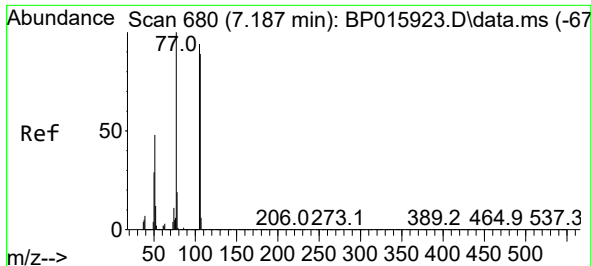
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.046	152	263970	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1055492	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	590575	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1250629	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1138937	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1318042	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	39255	5.350	ng/uL	0.00
4) Pyridine-d5	3.828	84	200476	10.840	ng/ul	0.01
7) Phenol-d5	7.228	99	704470	31.191	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	477865	34.199	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	564974	33.138	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	528949	29.646	ng/ul	0.00
21) Nitrobenzene-d5	9.240	128	265939	32.969	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	296264	31.469	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.540	165	503440	30.008	ng/ul	0.03
31) 4-Chloroaniline-d4	11.057	131	369442	17.142	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1596677	34.979	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1831820	35.699	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	210515	34.947	ng/ul	0.04
60) Fluorene-d10	15.698	176	1331954	35.438	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	157675	20.501	ng/ul	0.01
73) Anthracene-d10	17.563	188	1994113	34.907	ng/ul	0.00
81) Pyrene-d10	19.786	212	2435493	32.748	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	2409974	36.247	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.216	77	10492	1.149	ng/ul#	67
10) Bis(2-Chloroethyl)ether	7.457	93	19418	1.041	ng/ul#	25
16) Acetophenone	8.904	105	102940	3.510	ng/ul	99
72) Phenanthrene	17.504	178	660210	9.717	ng/ul	99
74) Anthracene	17.504	178	660210	9.671	ng/ul	99
77) Carbazole	17.886	167	72951	1.268	ng/ul	98
80) Fluoranthene	19.463	202	1277418	13.821	ng/ul#	95
82) Pyrene	19.816	202	884221	9.378	ng/ul#	91
85) Benzo(a)anthracene	21.533	228	315610	3.939	ng/ul	97
87) Chrysene	21.586	228	473379	6.228	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	537845	6.351	ng/ul#	92
91) Benzo(k)fluoranthene	23.310	252	537845	6.286	ng/ul#	91
93) Benzo(a)pyrene	23.974	252	262542	3.548	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.803	276	192947	1.921	ng/ul#	95
96) Benzo(g,h,i)perylene	27.645	276	181970	2.202	ng/ul#	93

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

Quant Time: Jul 03 04:20:47 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

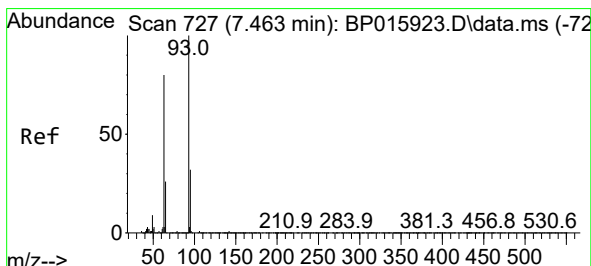
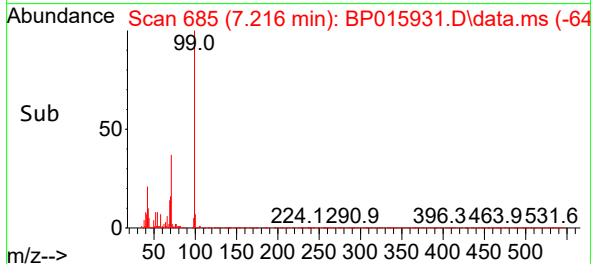
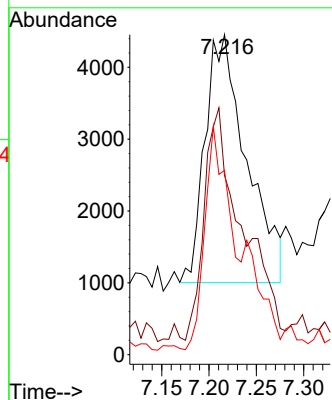
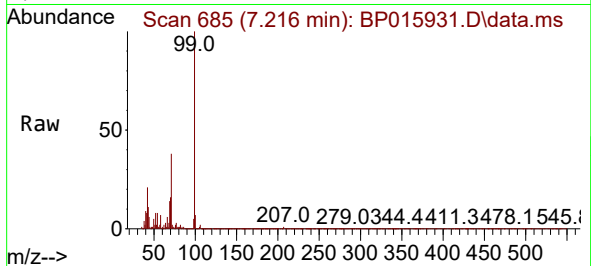




#6
Benzaldehyde
Concen: 1.149 ng/ul
RT: 7.216 min Scan# 61
Delta R.T. 0.024 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

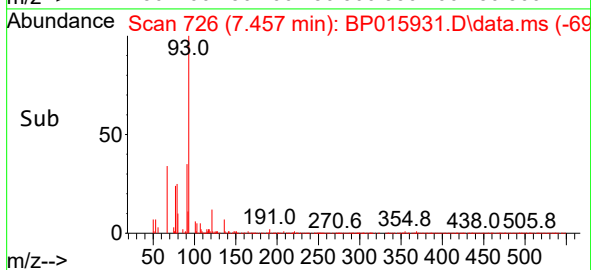
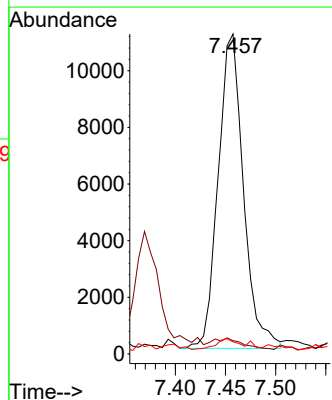
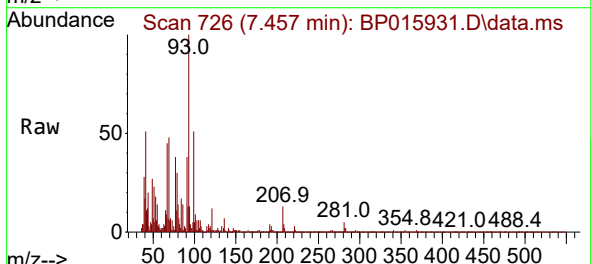
Instrument :
BNA_P
ClientSampleId :
DCGG4

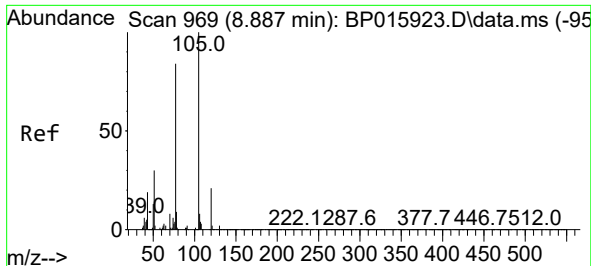
Tgt Ion: 77 Resp: 10492
Ion Ratio Lower Upper
77 100
105 56.0 73.4 110.0#
106 57.6 66.6 100.0#



#10
Bis(2-Chloroethyl)ether
Concen: 1.041 ng/ul
RT: 7.457 min Scan# 726
Delta R.T. -0.006 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

Tgt Ion: 93 Resp: 19418
Ion Ratio Lower Upper
93 100
63 4.2 62.8 94.2#
95 3.8 25.6 38.4#

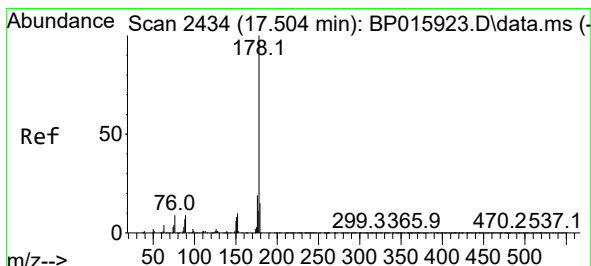
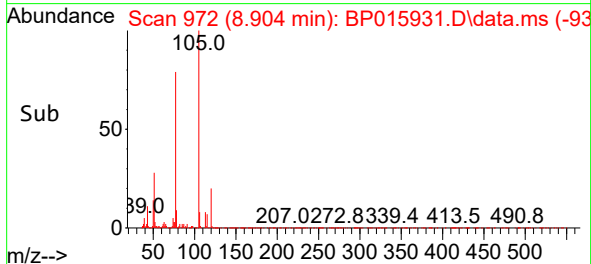
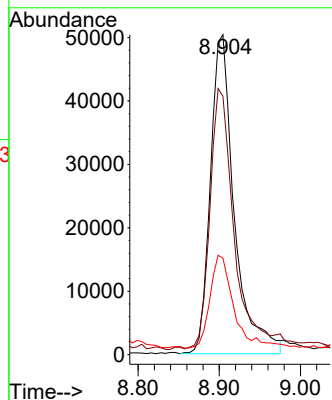
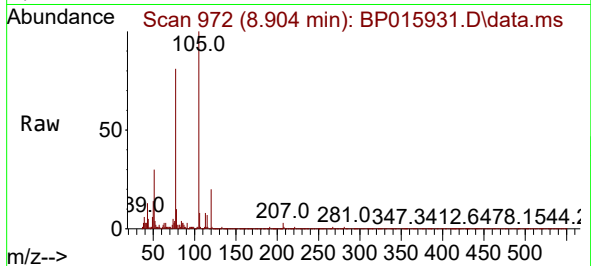




#16
Acetophenone
Concen: 3.510 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

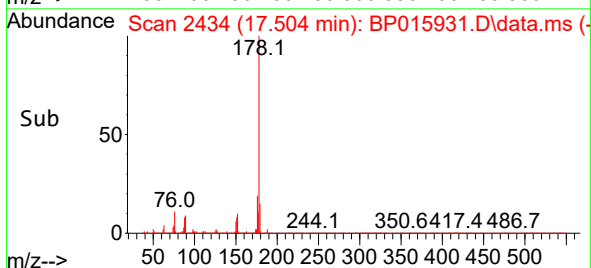
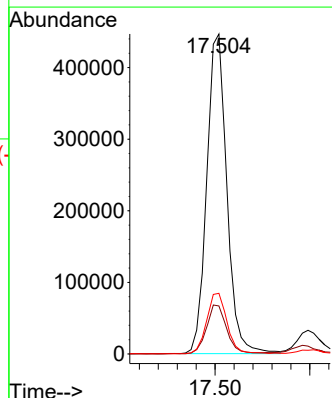
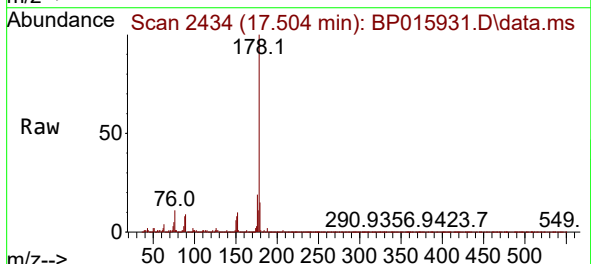
Instrument :
BNA_P
ClientSampleId :
DCGG4

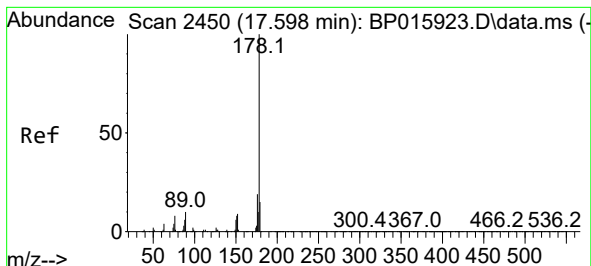
Tgt Ion:105 Resp: 102940
Ion Ratio Lower Upper
105 100
77 80.8 65.0 97.4
51 30.2 25.1 37.7



#72
Phenanthrene
Concen: 9.717 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. 0.006 min
Lab File: BP015931.D
Acq: 02 Jul 2023 19:09

Tgt Ion:178 Resp: 660210
Ion Ratio Lower Upper
178 100
179 15.0 12.4 18.6
176 18.9 15.6 23.4





#74

Anthracene

Concen: 9.671 ng/ul

RT: 17.504 min Scan# 2450

Delta R.T. -0.094 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

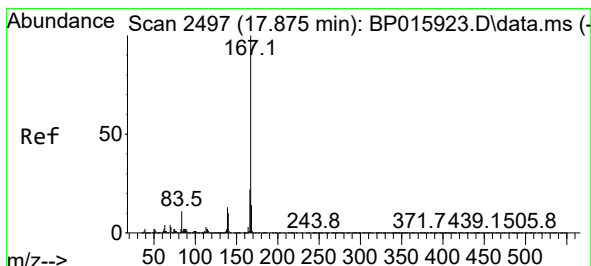
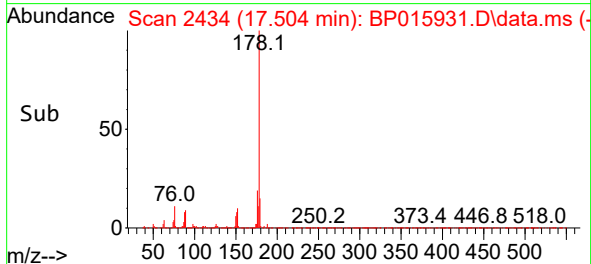
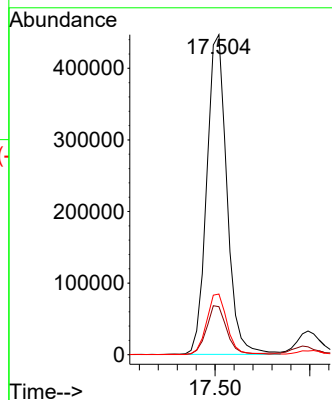
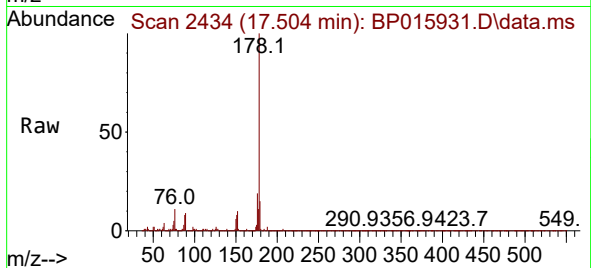
Tgt Ion:178 Resp: 660210

Ion Ratio Lower Upper

178 100

179 15.0 12.1 18.1

176 18.9 14.6 22.0



#77

Carbazole

Concen: 1.268 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. 0.012 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

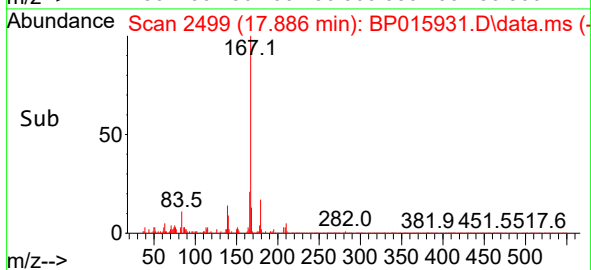
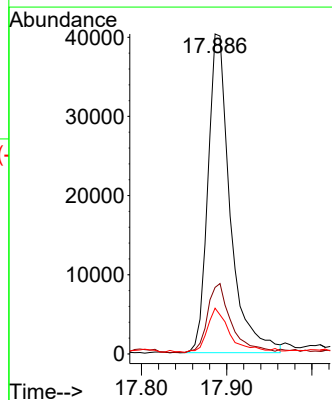
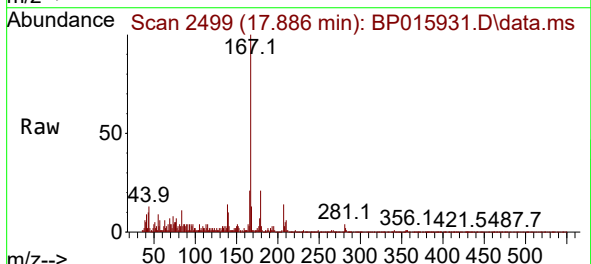
Tgt Ion:167 Resp: 72951

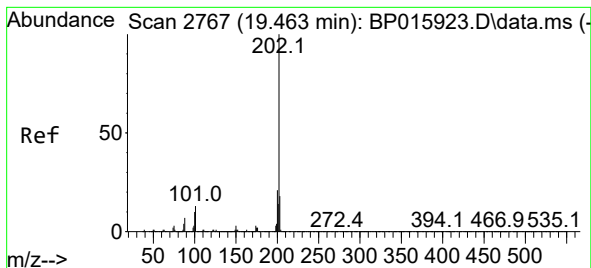
Ion Ratio Lower Upper

167 100

166 20.8 17.4 26.0

139 14.3 11.0 16.4





#80

Fluoranthene

Concen: 13.821 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

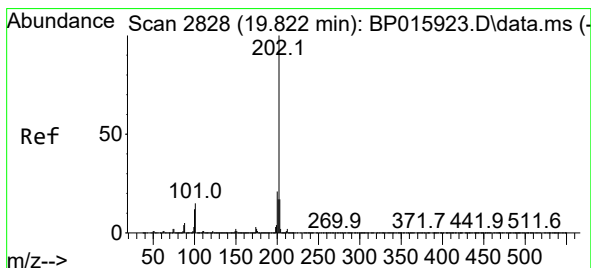
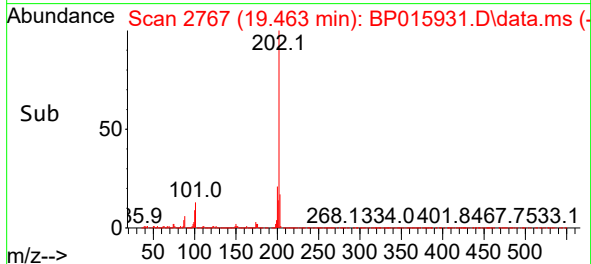
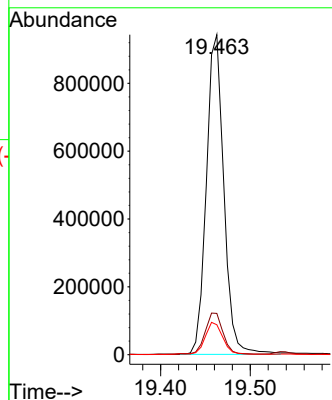
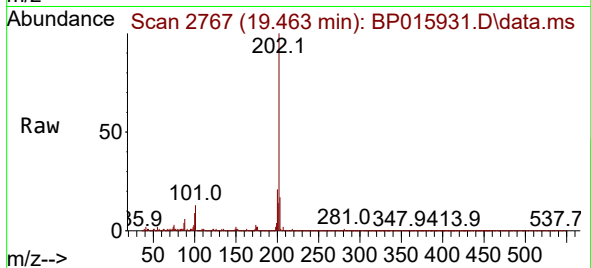
Tgt Ion:202 Resp: 1277418

Ion Ratio Lower Upper

202 100

101 12.9 8.3 12.5#

100 9.3 6.6 9.8



#82

Pyrene

Concen: 9.378 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

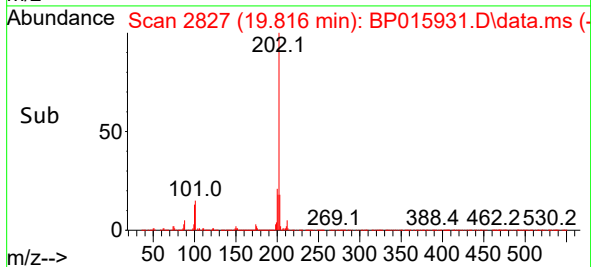
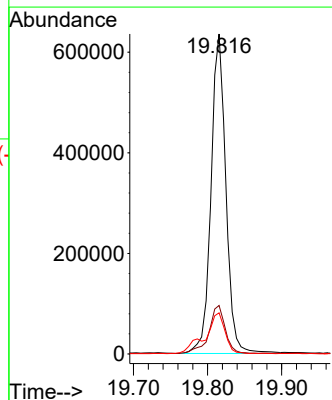
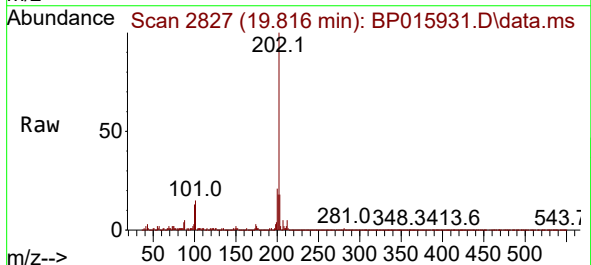
Tgt Ion:202 Resp: 884221

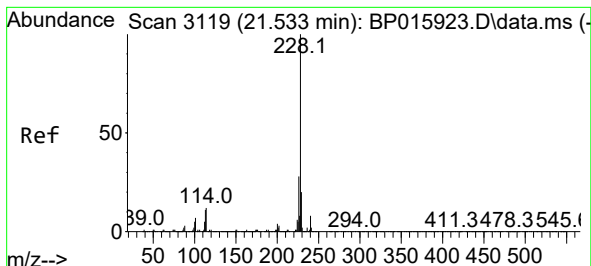
Ion Ratio Lower Upper

202 100

101 15.2 9.3 13.9#

100 12.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 3.939 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

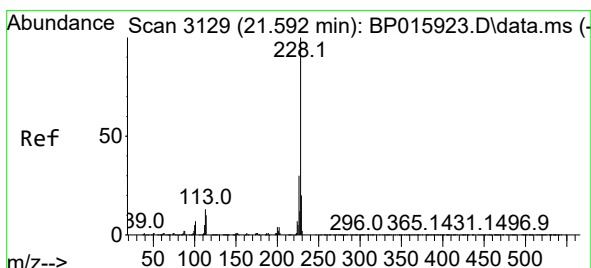
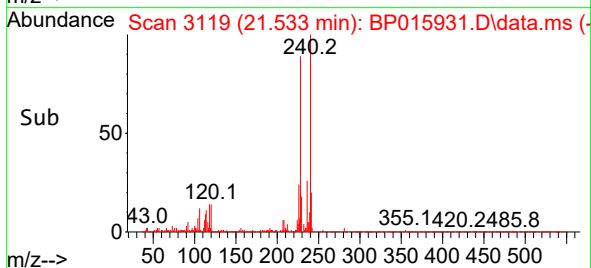
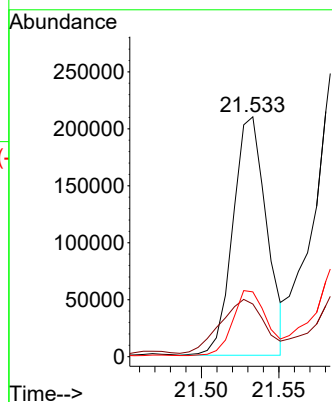
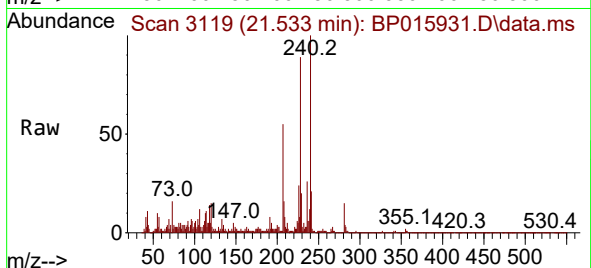
Tgt Ion:228 Resp: 315610

Ion Ratio Lower Upper

228 100

229 22.0 15.3 22.9

226 27.0 21.4 32.0



#87

Chrysene

Concen: 6.228 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

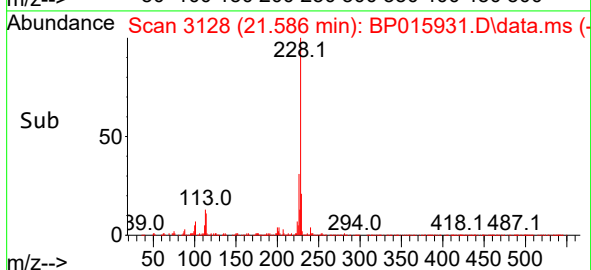
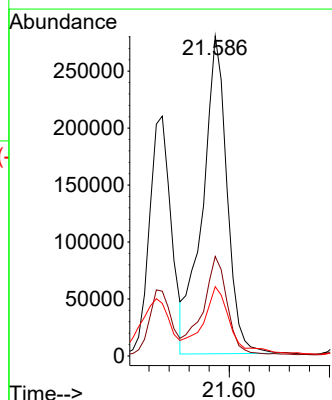
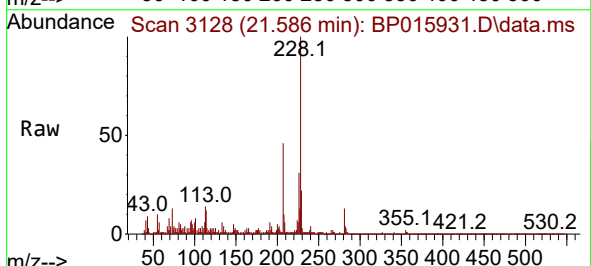
Tgt Ion:228 Resp: 473379

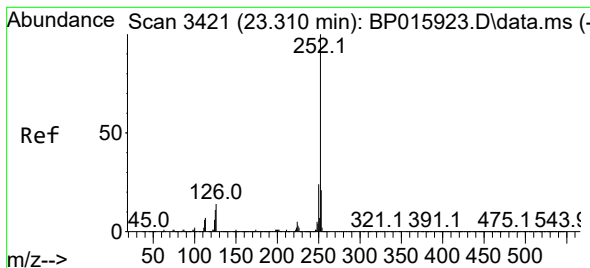
Ion Ratio Lower Upper

228 100

226 31.1 24.3 36.5

229 21.7 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 6.351 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

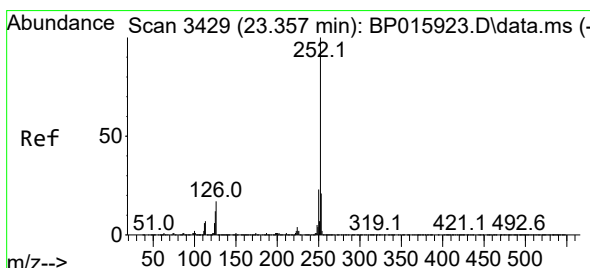
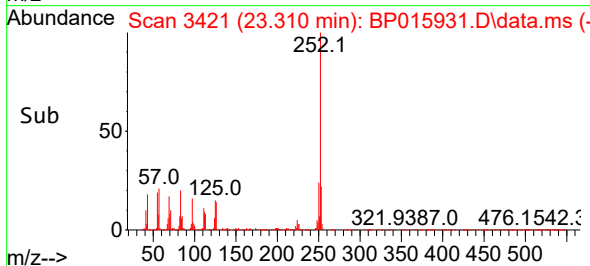
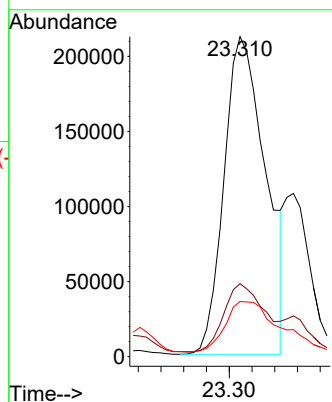
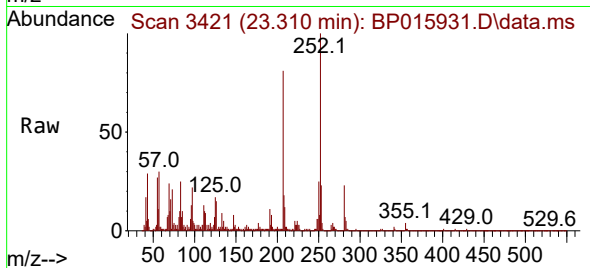
Tgt Ion:252 Resp: 537845

Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 17.3 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 6.286 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. -0.047 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

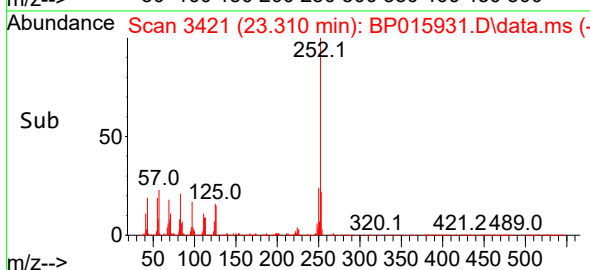
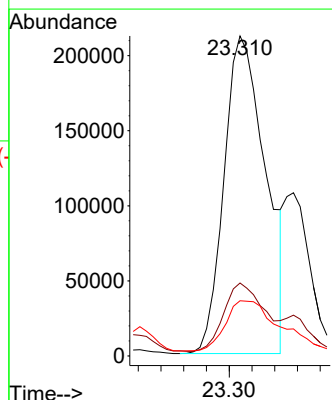
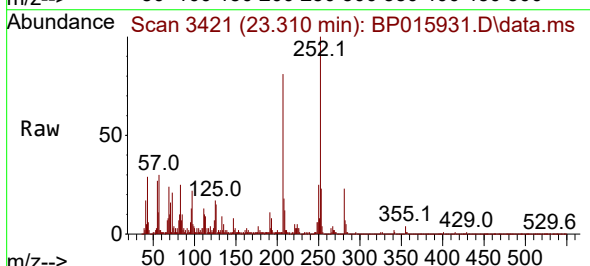
Tgt Ion:252 Resp: 537845

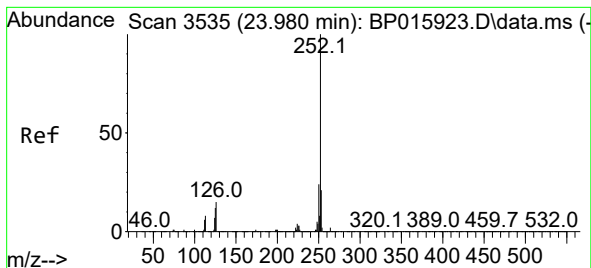
Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 17.3 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 3.548 ng/ul

RT: 23.974 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

Instrument :

BNA_P

ClientSampleId :

DCGG4

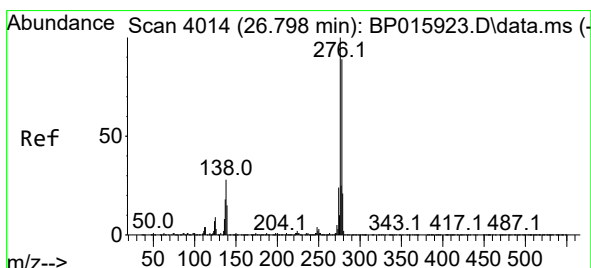
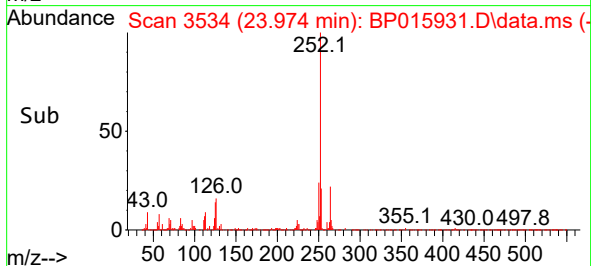
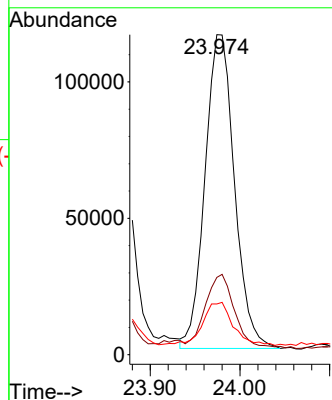
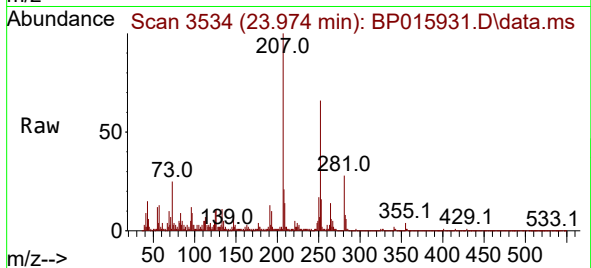
Tgt Ion:252 Resp: 262542

Ion Ratio Lower Upper

252 100

253 24.2 17.7 26.5

125 15.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.921 ng/ul

RT: 26.803 min Scan# 4015

Delta R.T. 0.012 min

Lab File: BP015931.D

Acq: 02 Jul 2023 19:09

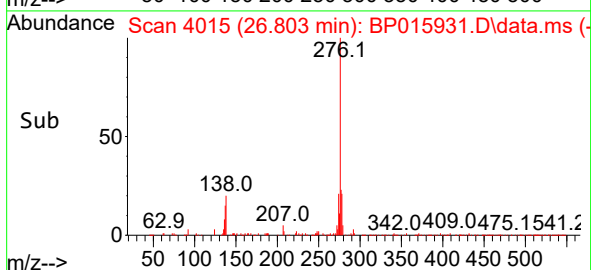
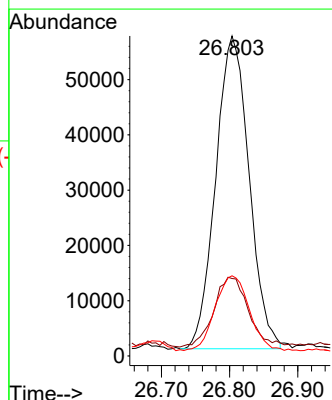
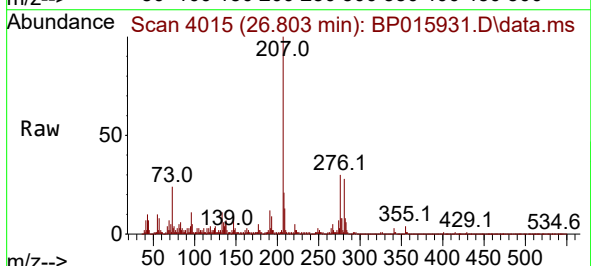
Tgt Ion:276 Resp: 192947

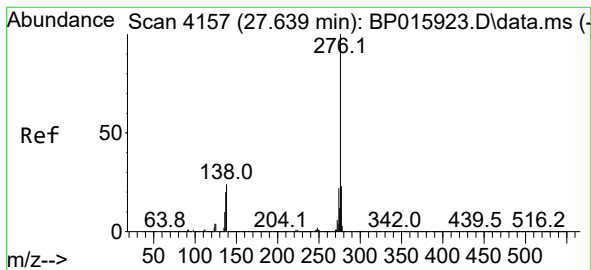
Ion Ratio Lower Upper

276 100

138 24.2 15.7 23.5#

277 25.0 19.6 29.4





#96
 Benzo(g,h,i)perylene
 Concen: 2.202 ng/ul
 RT: 27.645 min Scan# 4158
 Delta R.T. 0.018 min
 Lab File: BP015931.D
 Acq: 02 Jul 2023 19:09

Instrument :
 BNA_P
 ClientSampleId :
 DCGG4

Tgt Ion:276 Resp: 181970
 Ion Ratio Lower Upper
 276 100
 138 23.2 15.1 22.7#
 277 26.0 18.8 28.2

