

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070423\
 Data File : BP015978.D
 Acq On : 04 Jul 2023 16:16
 Operator : MA/JU
 Sample : 03244-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGA6

Quant Time: Jul 04 21:57:34 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

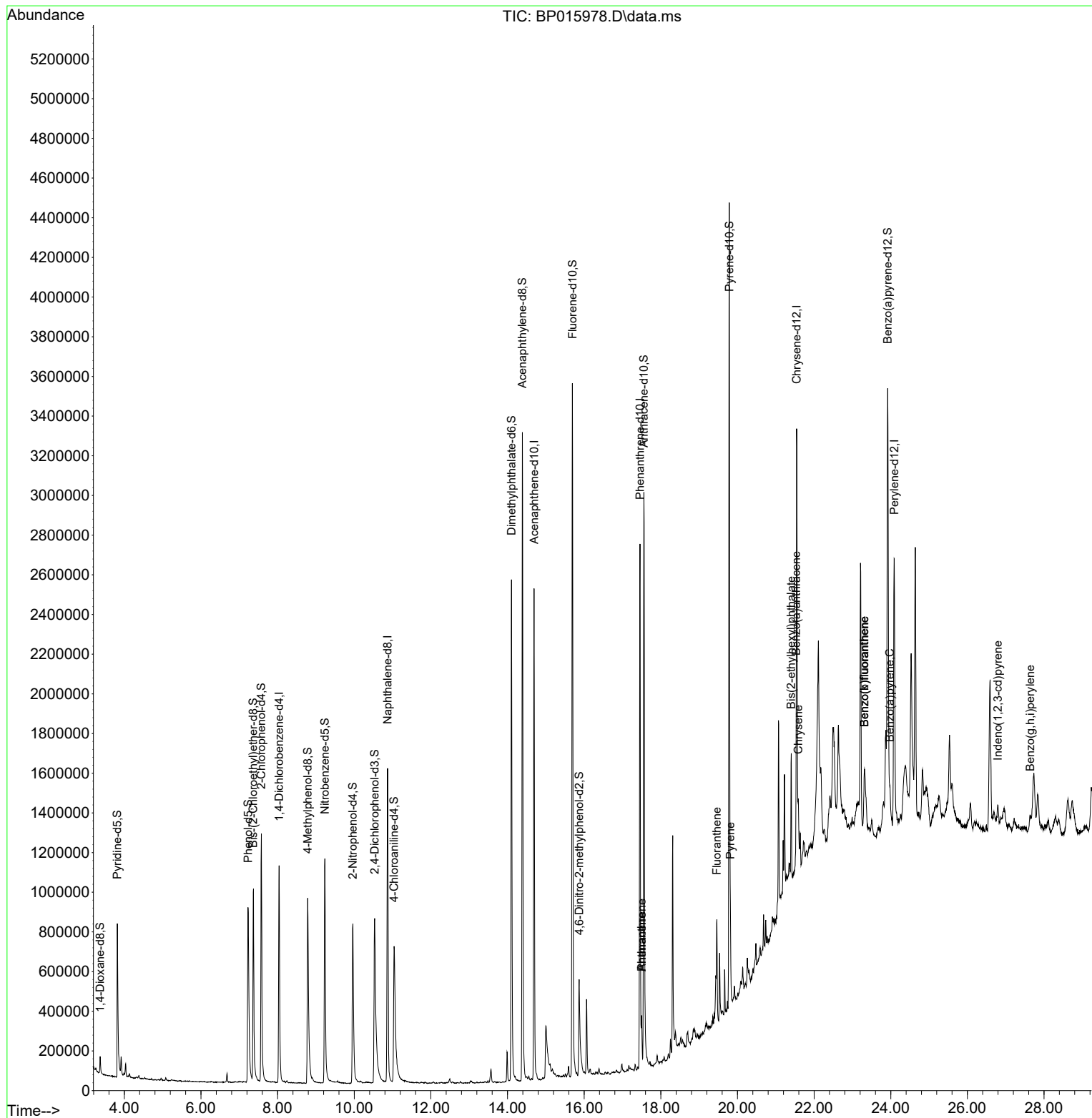
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.040	152	327996	20.000	ng/ul	0.00
20) Naphthalene-d8	10.869	136	1416826	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.692	164	841327	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.457	188	1613342	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.545	240	1082505	20.000	ng/ul	# 0.00
88) Perylene-d12	24.092	264	1213292	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	41187	4.518	ng/uL	0.00
4) Pyridine-d5	3.817	84	451879	19.663	ng/ul	0.00
7) Phenol-d5	7.228	99	757101	26.978	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.363	67	522202	30.077	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	615930	29.075	ng/ul	0.00
15) 4-Methylphenol-d8	8.787	113	517977	23.364	ng/ul	0.00
21) Nitrobenzene-d5	9.234	128	301998	27.891	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	343545	27.185	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	562218	24.965	ng/ul	0.02
31) 4-Chloroaniline-d4	11.040	131	684126	23.648	ng/ul	0.01
46) Dimethylphthalate-d6	14.104	166	1920083	29.527	ng/ul	0.00
49) Acenaphthylene-d8	14.387	160	2152979	29.452	ng/ul	0.00
54) 4-Nitrophenol-d4	14.934	143	506	0.059	ng/ul	-0.02
60) Fluorene-d10	15.692	176	1568348	29.291	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	167962	16.928	ng/ul	0.01
73) Anthracene-d10	17.557	188	1981305	26.885	ng/ul	0.00
81) Pyrene-d10	19.786	212	2236520	31.641	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.921	264	1864714	30.467	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.498	178	128097	1.462	ng/ul	99
74) Anthracene	17.498	178	128381	1.458	ng/ul	98
80) Fluoranthene	19.463	202	308208	3.508	ng/ul#	94
82) Pyrene	19.816	202	245502	2.740	ng/ul#	90
85) Benzo(a)anthracene	21.533	228	124884	1.640	ng/ul#	95
86) Bis(2-ethylhexyl)phtha...	21.404	149	213908	4.257	ng/ul	98
87) Chrysene	21.586	228	151681	2.099	ng/ul	94
90) Benzo(b)fluoranthene	23.310	252	231458	2.969	ng/ul#	90
91) Benzo(k)fluoranthene	23.310	252	231458	2.938	ng/ul#	89
93) Benzo(a)pyrene	23.974	252	151767	2.228	ng/ul#	89
94) Indeno(1,2,3-cd)pyrene	26.792	276	130162	1.408	ng/ul#	90
96) Benzo(g,h,i)perylene	27.639	276	120839	1.588	ng/ul#	95

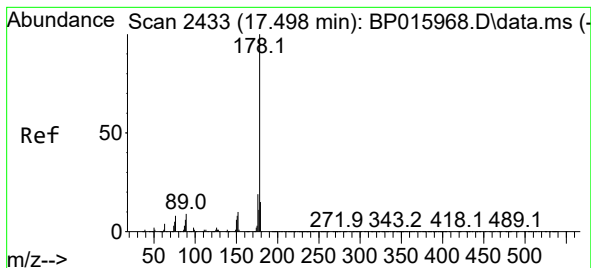
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sun Jul 02 06:12:16 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 1.462 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

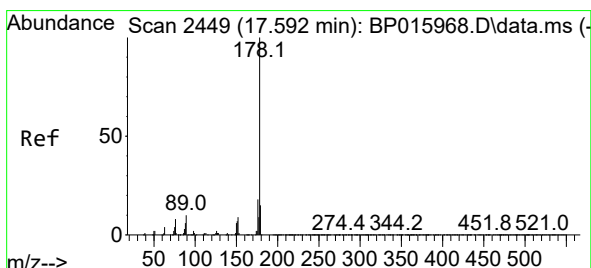
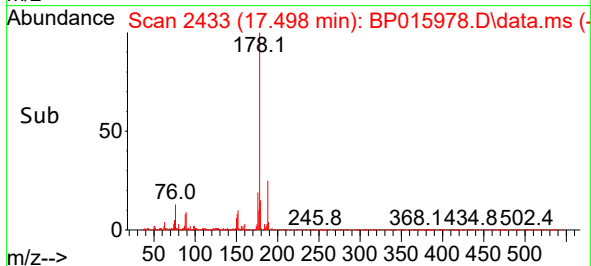
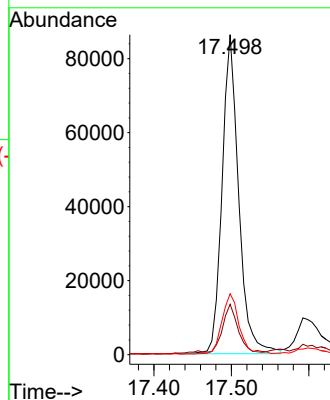
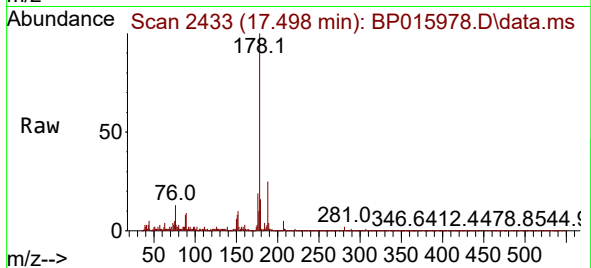
Tgt Ion:178 Resp: 128097

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.0 15.6 23.4



#74

Anthracene

Concen: 1.458 ng/ul

RT: 17.498 min Scan# 2433

Delta R.T. -0.100 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

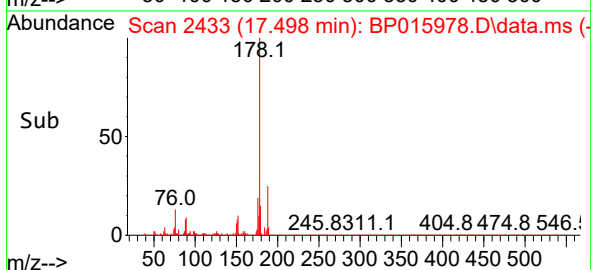
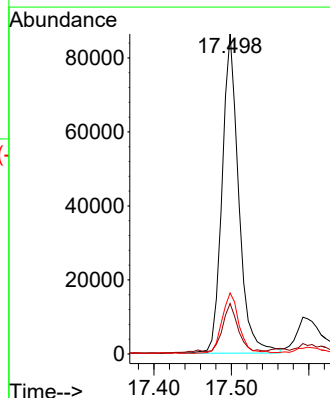
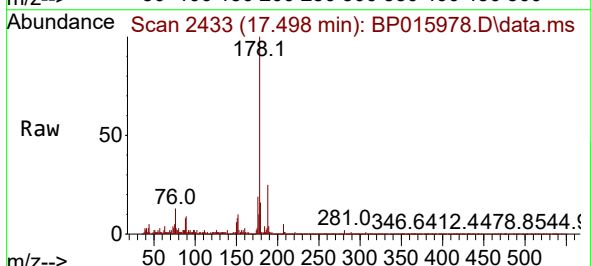
Tgt Ion:178 Resp: 128381

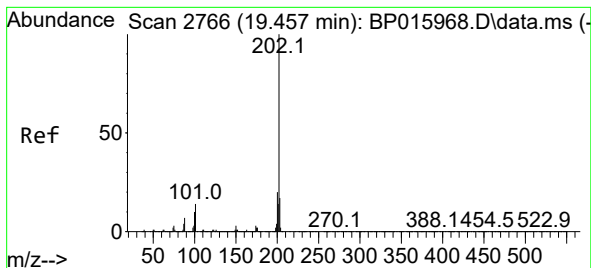
Ion Ratio Lower Upper

178 100

179 15.7 12.1 18.1

176 19.0 14.6 22.0





#80

Fluoranthene

Concen: 3.508 ng/ul

RT: 19.463 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

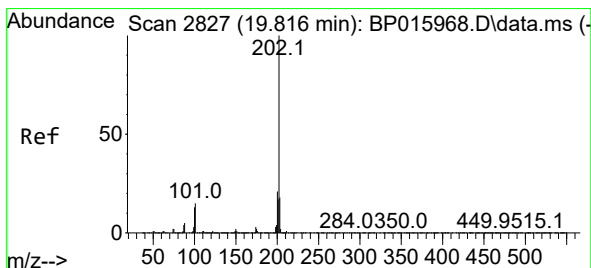
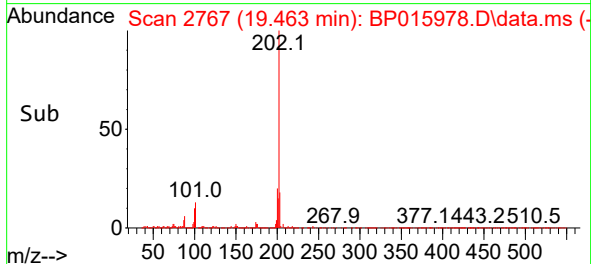
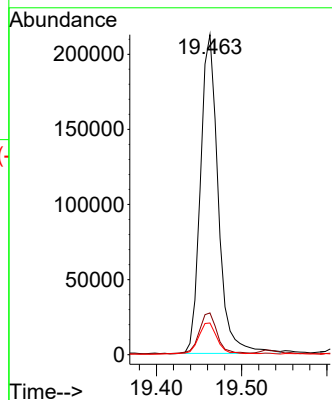
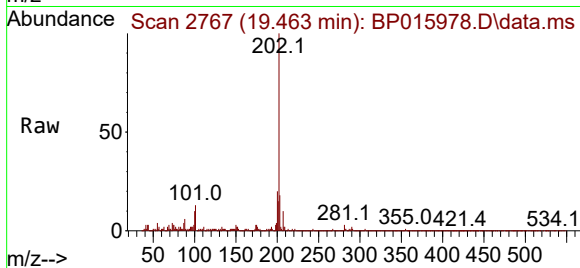
Tgt Ion:202 Resp: 308208

Ion Ratio Lower Upper

202 100

101 13.0 8.3 12.5#

100 9.9 6.6 9.8#



#82

Pyrene

Concen: 2.740 ng/ul

RT: 19.816 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

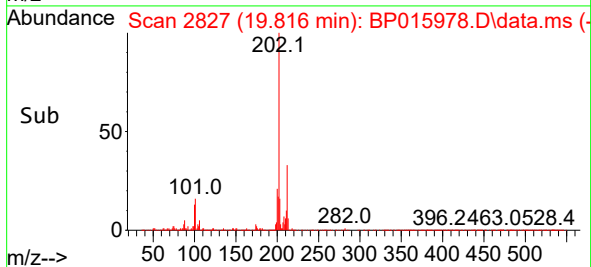
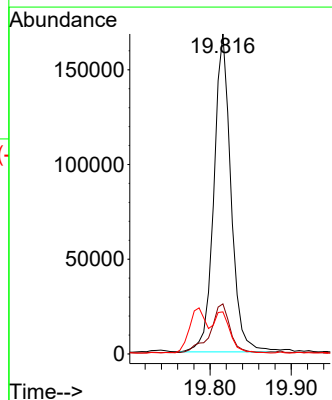
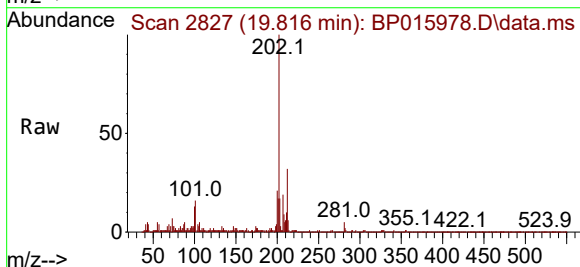
Tgt Ion:202 Resp: 245502

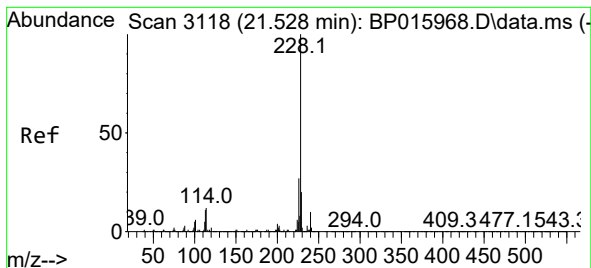
Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 13.2 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.640 ng/ul

RT: 21.533 min Scan# 3118

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

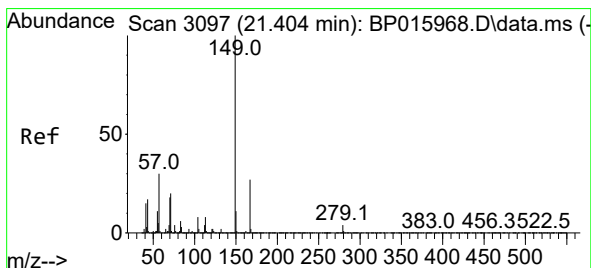
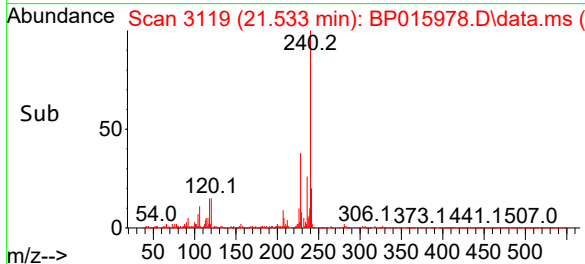
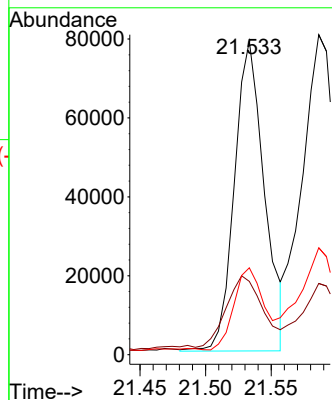
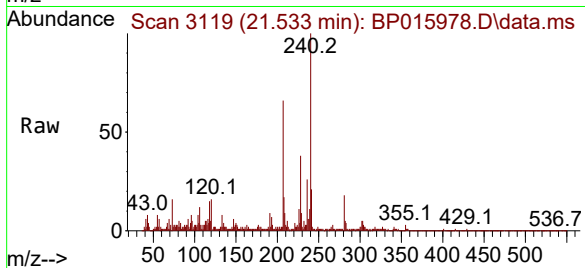
Tgt Ion:228 Resp: 124884

Ion Ratio Lower Upper

228 100

229 23.4 15.3 22.9#

226 27.7 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.257 ng/ul

RT: 21.404 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

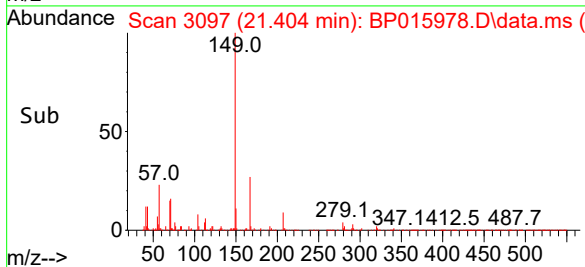
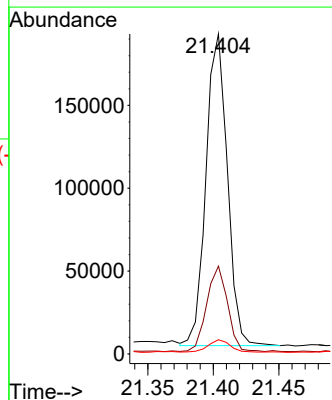
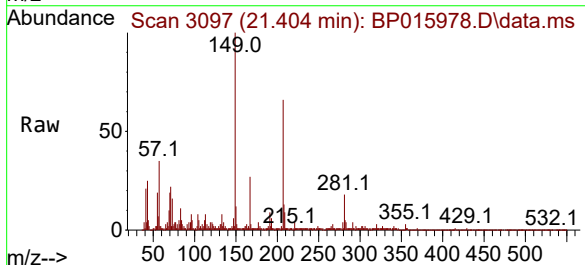
Tgt Ion:149 Resp: 213908

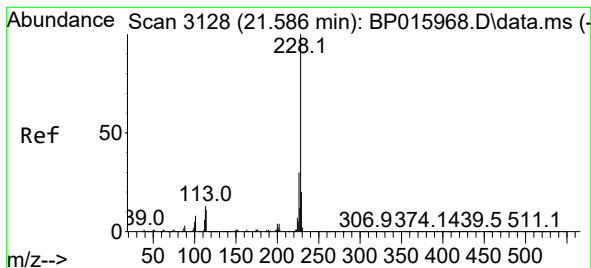
Ion Ratio Lower Upper

149 100

167 27.4 21.0 31.6

279 4.4 3.8 5.6





#87

Chrysene

Concen: 2.099 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

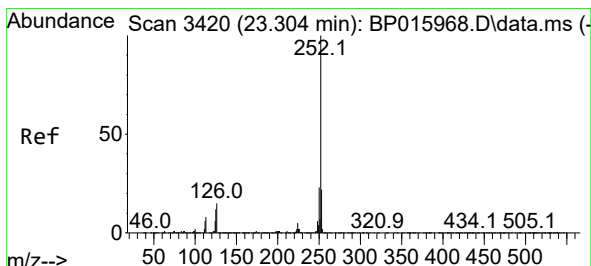
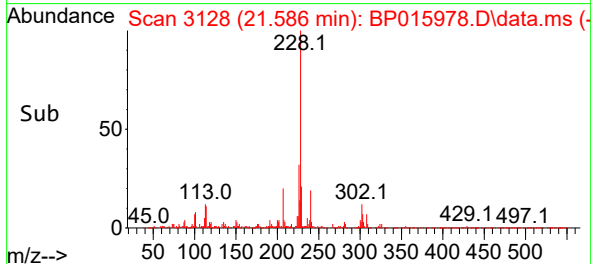
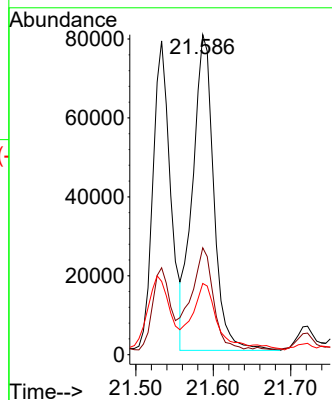
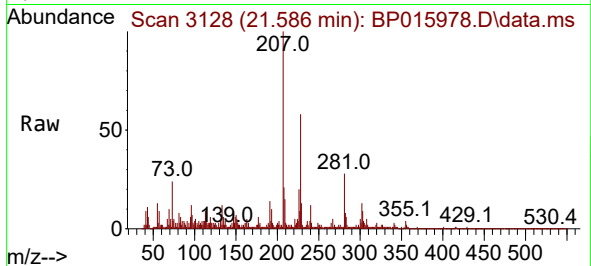
Tgt Ion:228 Resp: 151681

Ion Ratio Lower Upper

228 100

226 33.4 24.3 36.5

229 22.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.969 ng/ul

RT: 23.310 min Scan# 3421

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

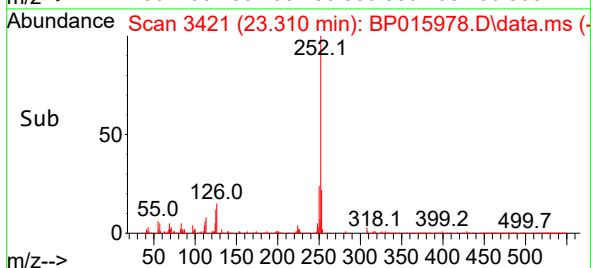
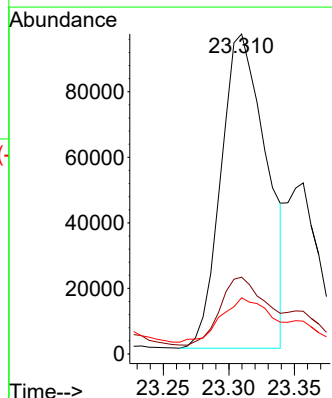
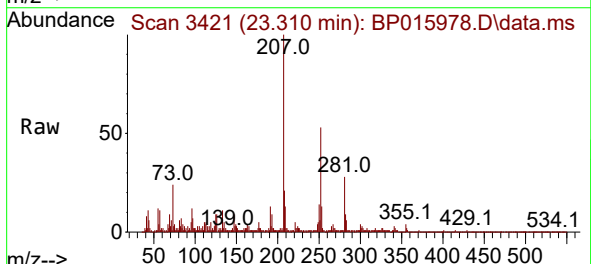
Tgt Ion:252 Resp: 231458

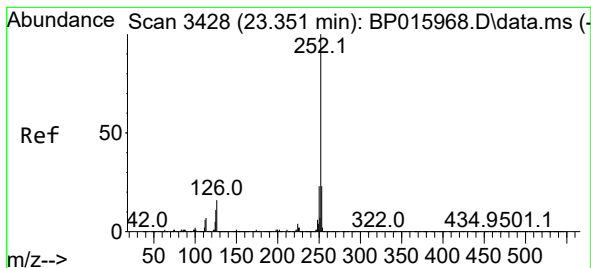
Ion Ratio Lower Upper

252 100

253 24.0 17.3 25.9

125 17.6 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.938 ng/ul

RT: 23.310 min Scan# 3428

Delta R.T. -0.047 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Instrument :

BNA_P

ClientSampleId :

DCGA6

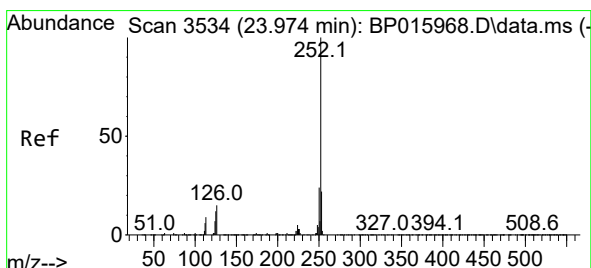
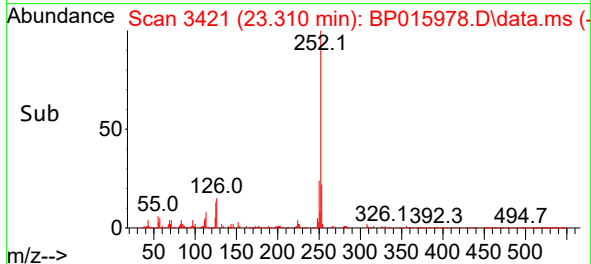
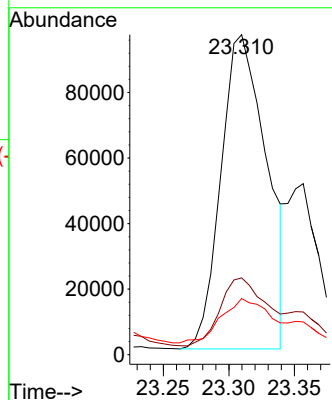
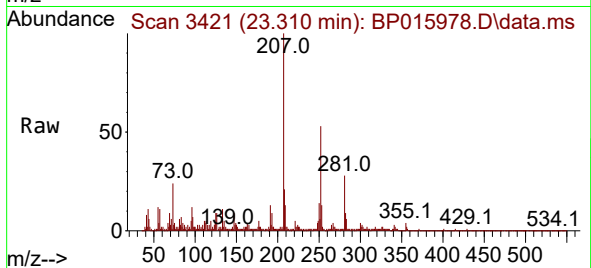
Tgt Ion:252 Resp: 231458

Ion Ratio Lower Upper

252 100

253 24.0 17.0 25.4

125 17.6 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.228 ng/ul

RT: 23.974 min Scan# 3534

Delta R.T. -0.006 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

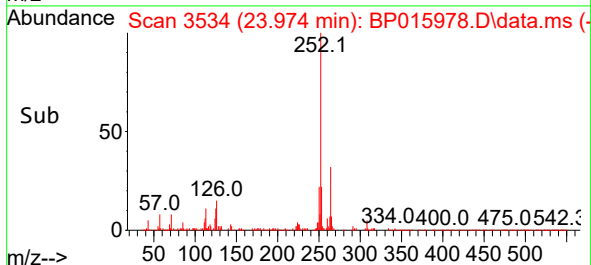
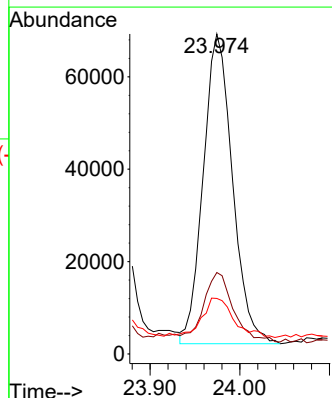
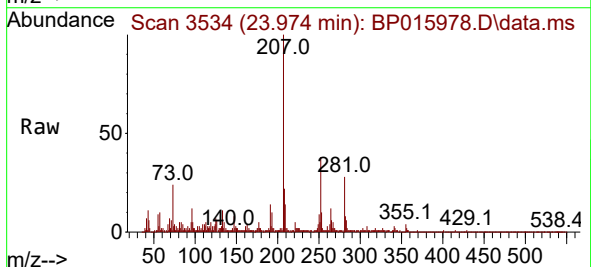
Tgt Ion:252 Resp: 151767

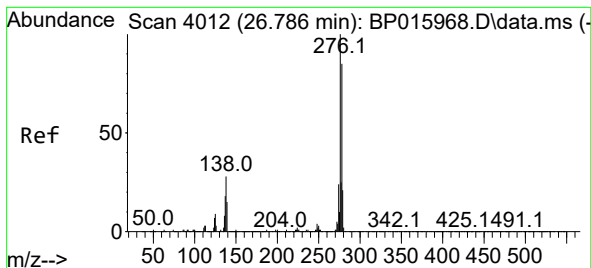
Ion Ratio Lower Upper

252 100

253 25.4 17.7 26.5

125 17.4 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.408 ng/ul

RT: 26.792 min Scan# 4012

Delta R.T. 0.000 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

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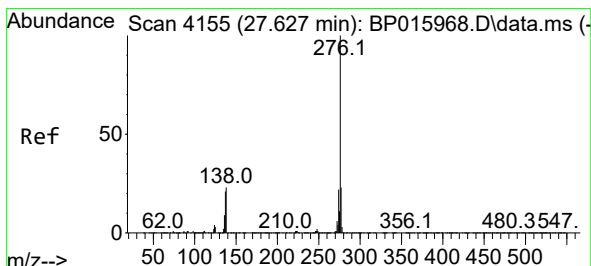
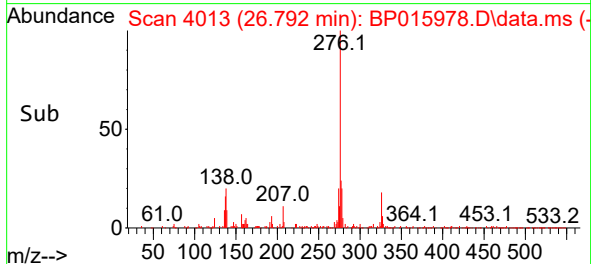
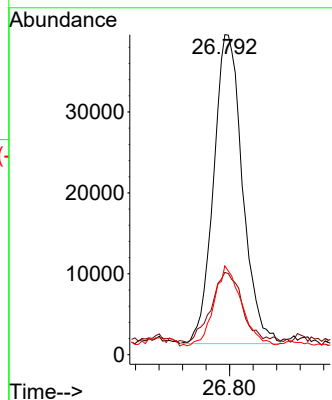
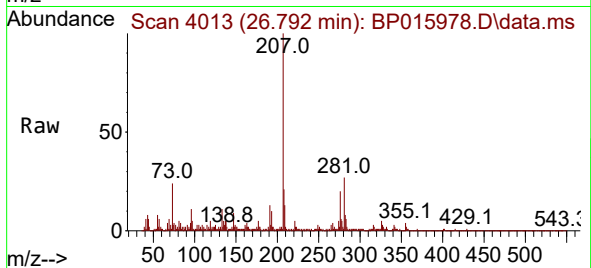
Tgt Ion:276 Resp: 130162

Ion Ratio Lower Upper

276 100

138 25.7 15.7 23.5#

277 27.8 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.588 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.012 min

Lab File: BP015978.D

Acq: 04 Jul 2023 16:16

Tgt Ion:276 Resp: 120839

Ion Ratio Lower Upper

276 100

138 23.5 15.1 22.7#

277 24.0 18.8 28.2

