

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015884.D
 Acq On : 01 Jul 2023 14:18
 Operator : MA/JU
 Sample : 03242-11
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCGB2

Quant Time: Jul 02 00:46:14 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

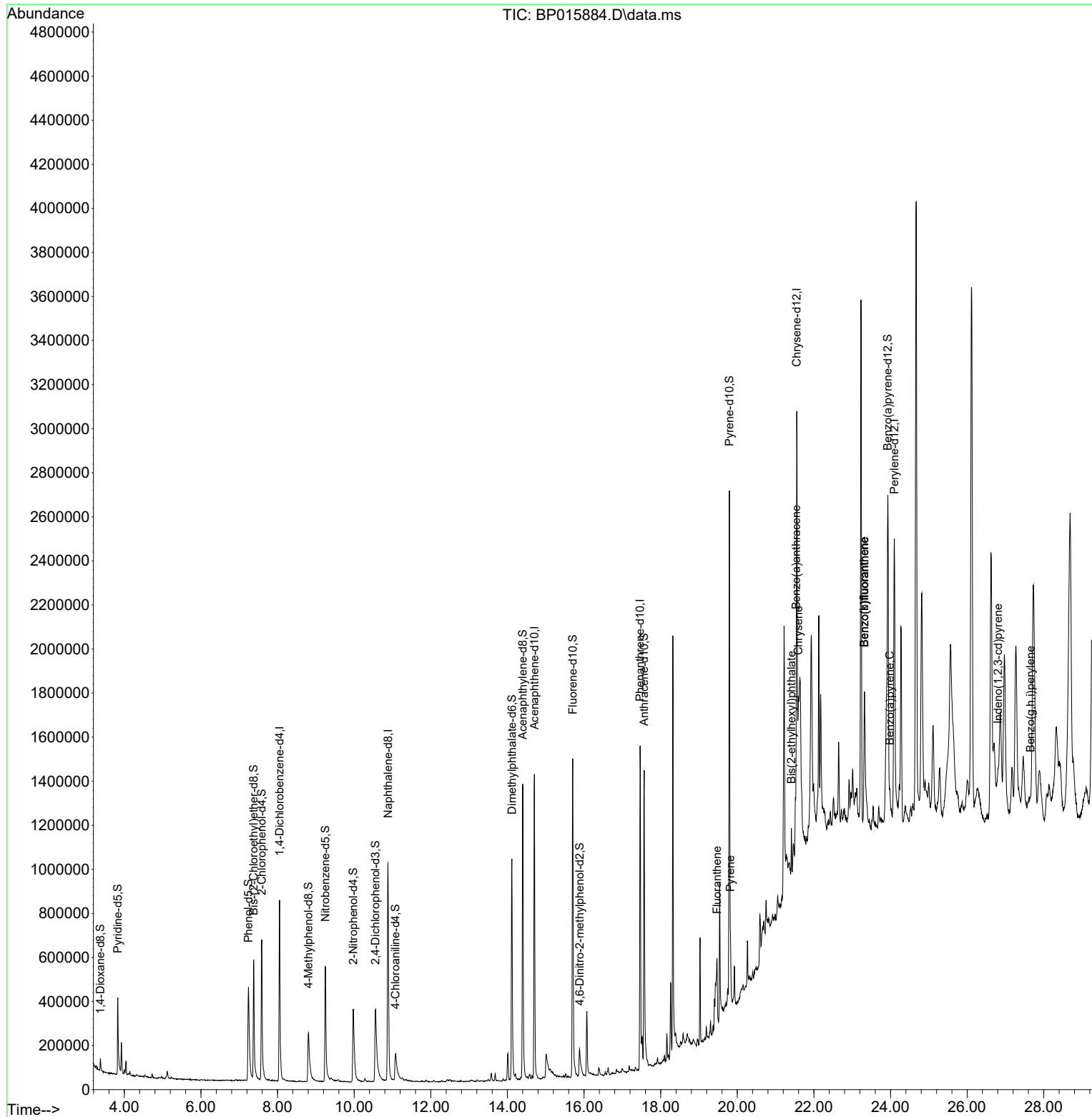
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	251412	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	967210	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	476428	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	909163	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	898984	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1055350	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	23968	3.430	ng/uL	-0.01
4) Pyridine-d5	3.828	84	194428	11.038	ng/ul	0.00
7) Phenol-d5	7.240	99	392527	18.248	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.375	67	301188	22.631	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.587	132	337618	20.792	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	162626	9.570	ng/ul	0.02
21) Nitrobenzene-d5	9.245	128	151706	20.524	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	169594	19.658	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.557	165	243960	15.869	ng/ul	0.04
31) 4-Chloroaniline-d4	11.081	131	127560	6.459	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	820576	22.284	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	934372	22.572	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.928	143	73	0.015	ng/ul	-0.02
60) Fluorene-d10	15.704	176	655852	21.630	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.886	200	45112	8.068	ng/ul	0.03
73) Anthracene-d10	17.569	188	908229	21.870	ng/ul	0.00
81) Pyrene-d10	19.792	212	1209650	20.607	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	1203225	22.601	ng/ul	-0.02
Target Compounds						
					Qvalue	
80) Fluoranthene	19.468	202	145352	1.992	ng/ul#	94
82) Pyrene	19.821	202	133065	1.788	ng/ul#	89
85) Benzo(a)anthracene	21.539	228	90410	1.430	ng/ul#	93
86) Bis(2-ethylhexyl)phtha...	21.410	149	72598	1.740	ng/ul	98
87) Chrysene	21.592	228	102628	1.711	ng/ul	94
90) Benzo(b)fluoranthene	23.315	252	185700	2.739	ng/ul#	83
91) Benzo(k)fluoranthene	23.315	252	185700	2.710	ng/ul#	82
93) Benzo(a)pyrene	23.980	252	104517	1.764	ng/ul#	83
94) Indeno(1,2,3-cd)pyrene	26.803	276	100829	1.254	ng/ul#	94
96) Benzo(g,h,i)perylene	27.650	276	91774	1.387	ng/ul#	93

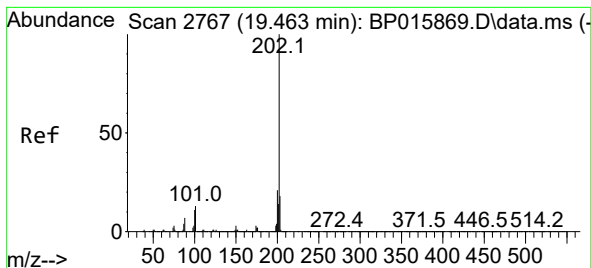
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#80

Fluoranthene

Concen: 1.992 ng/ul

RT: 19.468 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

Instrument :

BNA_P

ClientSampleId :

DCGB2

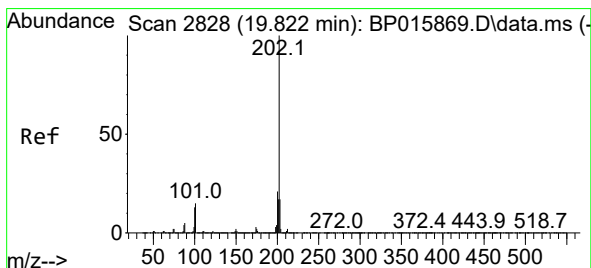
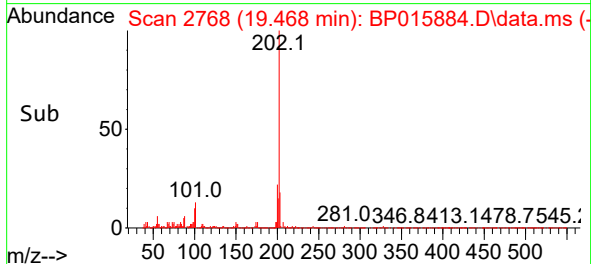
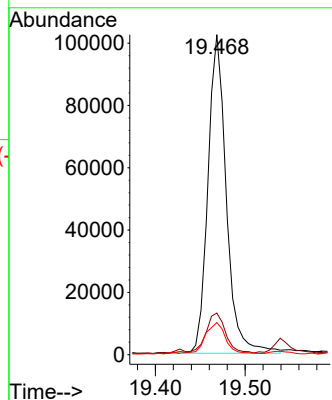
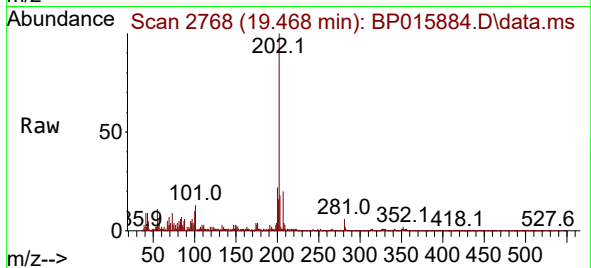
Tgt Ion:202 Resp: 145352

Ion Ratio Lower Upper

202 100

101 13.0 8.3 12.5#

100 10.1 6.6 9.8#



#82

Pyrene

Concen: 1.788 ng/ul

RT: 19.821 min Scan# 2828

Delta R.T. -0.012 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

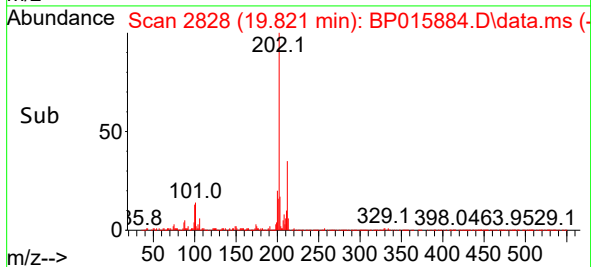
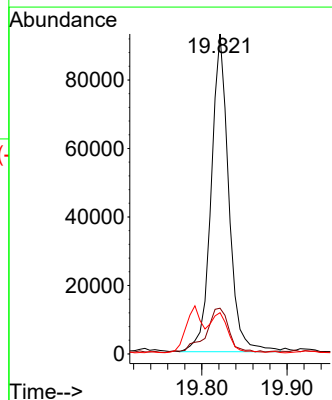
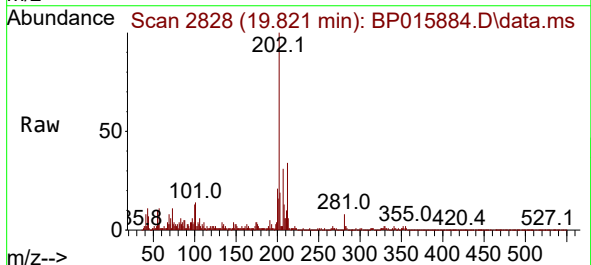
Tgt Ion:202 Resp: 133065

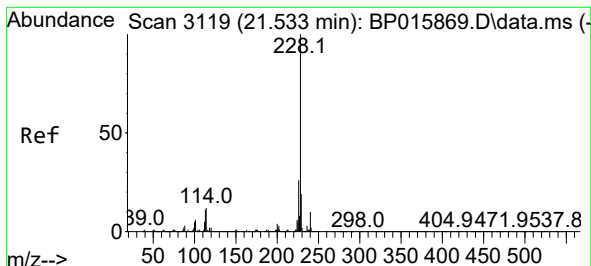
Ion Ratio Lower Upper

202 100

101 16.7 9.3 13.9#

100 12.9 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 1.430 ng/ul

RT: 21.539 min Scan# 3119

Delta R.T. -0.006 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

Instrument :

BNA_P

ClientSampleId :

DCGB2

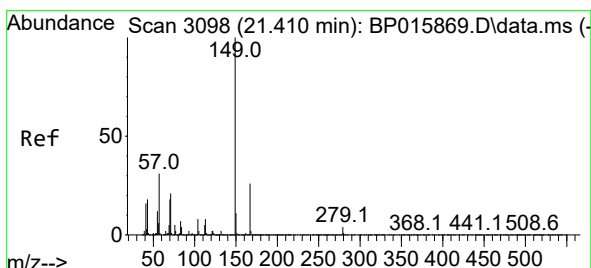
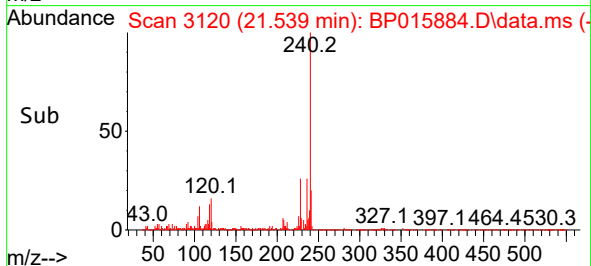
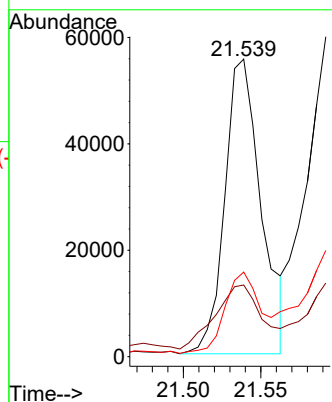
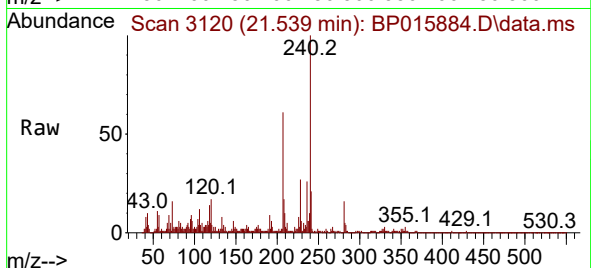
Tgt Ion:228 Resp: 90410

Ion Ratio Lower Upper

228 100

229 24.1 15.3 22.9#

226 28.5 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.740 ng/ul

RT: 21.410 min Scan# 3098

Delta R.T. -0.024 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

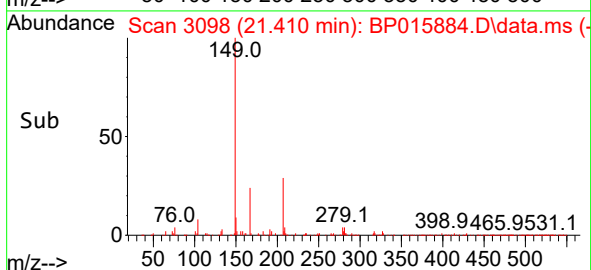
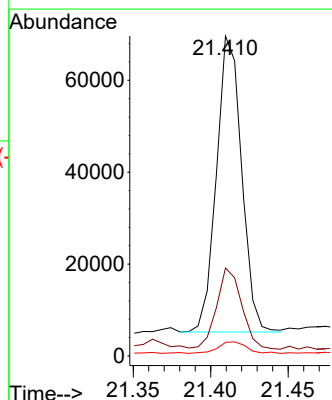
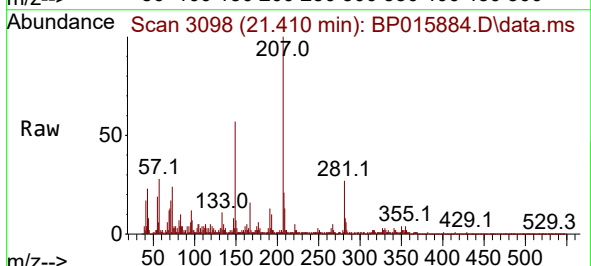
Tgt Ion:149 Resp: 72598

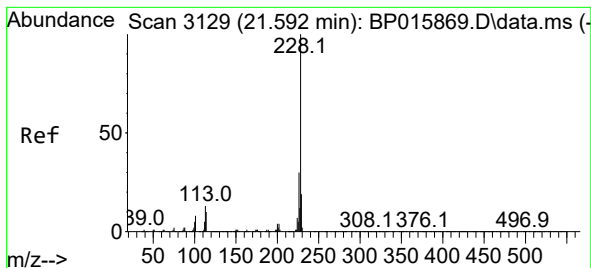
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.6

279 4.2 3.8 5.6





#87

Chrysene

Concen: 1.711 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

Instrument :

BNA_P

ClientSampleId :

DCGB2

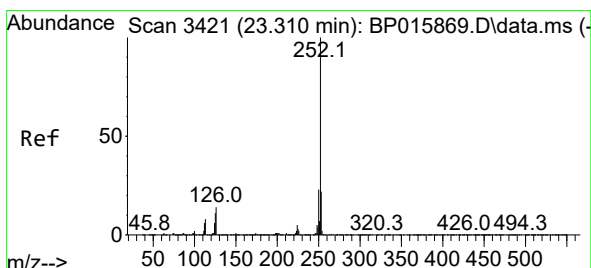
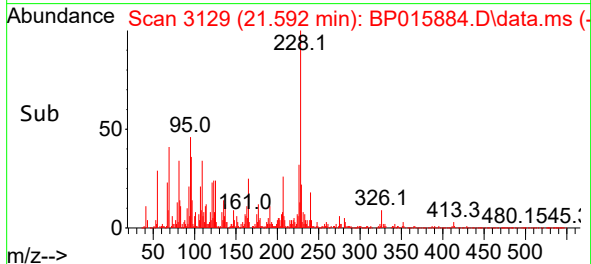
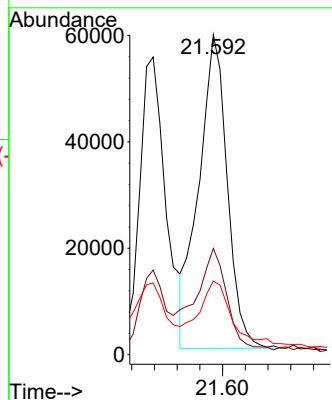
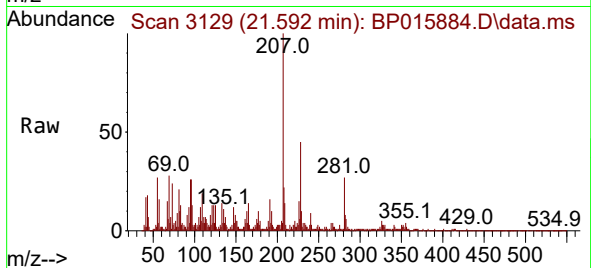
Tgt Ion:228 Resp: 102628

Ion Ratio Lower Upper

228 100

226 33.2 24.3 36.5

229 23.0 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.739 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.012 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

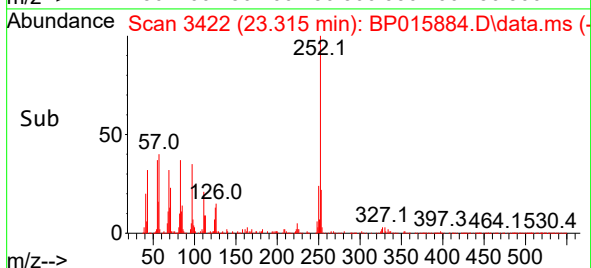
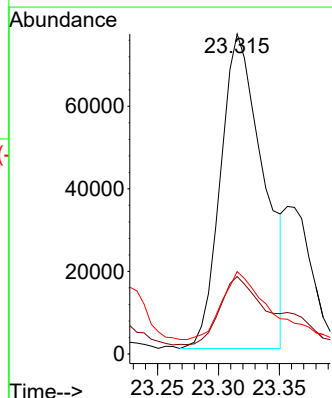
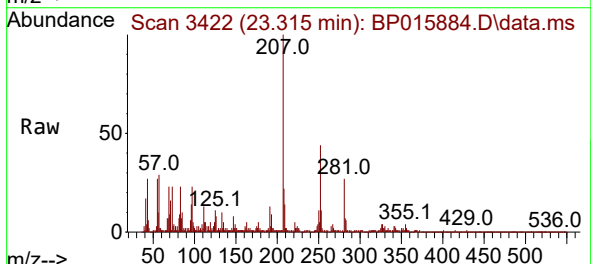
Tgt Ion:252 Resp: 185700

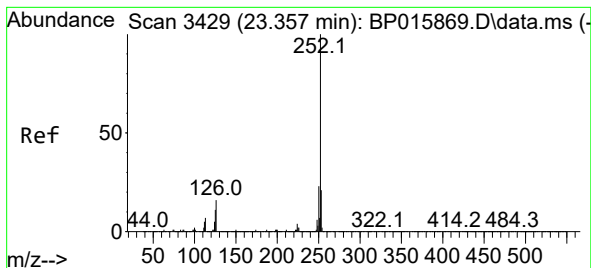
Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

125 25.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 2.710 ng/ul

RT: 23.315 min Scan# 3422

Delta R.T. -0.065 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

Instrument :

BNA_P

ClientSampleId :

DCGB2

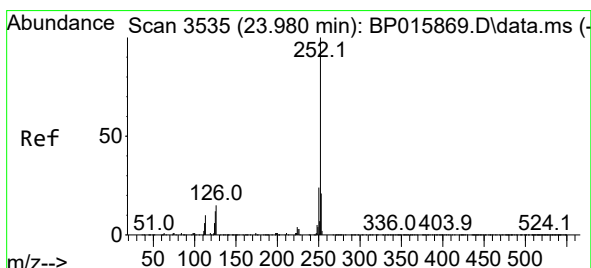
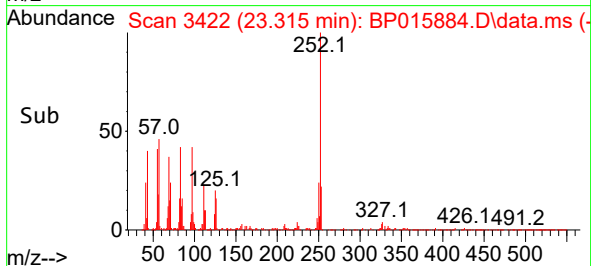
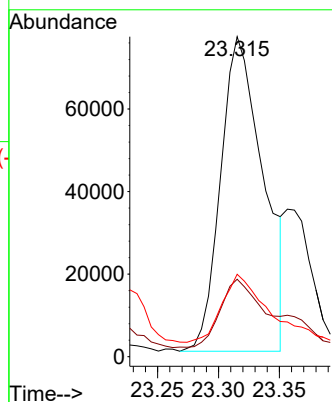
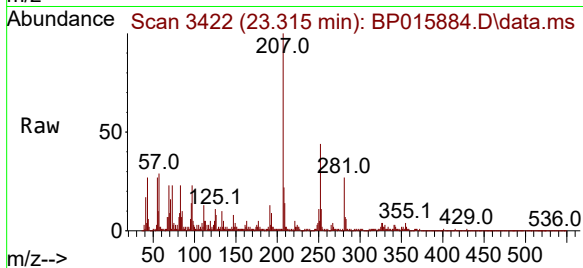
Tgt Ion:252 Resp: 185700

Ion Ratio Lower Upper

252 100

253 24.2 17.0 25.4

125 25.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.764 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. -0.024 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

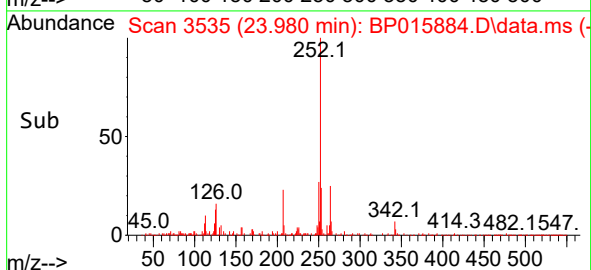
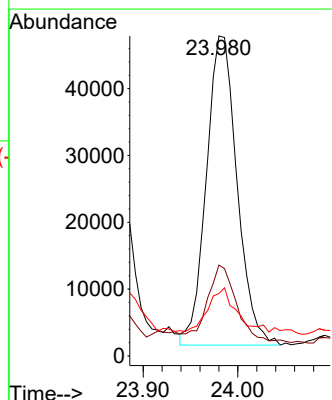
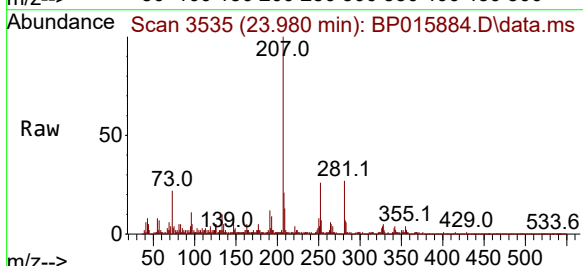
Tgt Ion:252 Resp: 104517

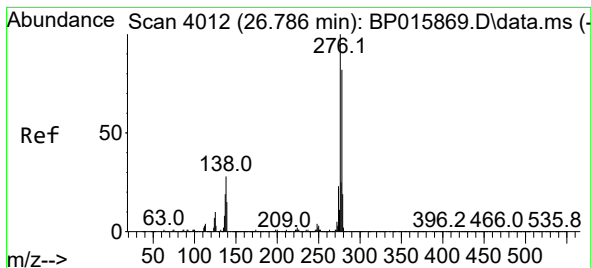
Ion Ratio Lower Upper

252 100

253 28.4 17.7 26.5#

125 19.5 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.254 ng/ul

RT: 26.803 min Scan# 4012

Delta R.T. -0.012 min

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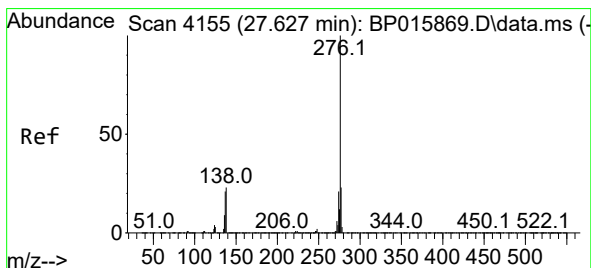
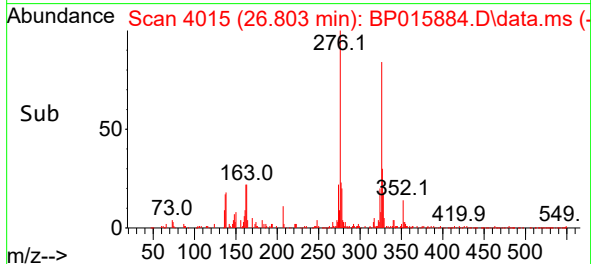
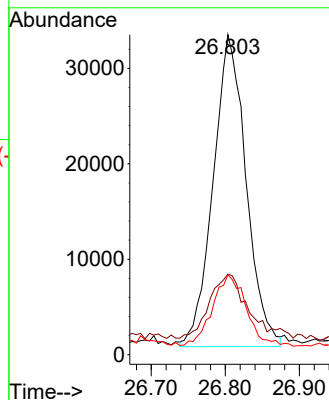
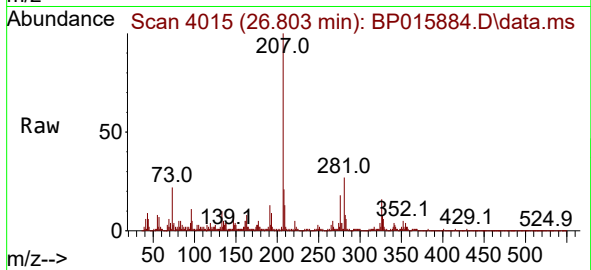
Tgt Ion:276 Resp: 100829

Ion Ratio Lower Upper

276 100

138 25.2 15.7 23.5#

277 25.0 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.387 ng/ul

RT: 27.650 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015884.D

Acq: 01 Jul 2023 14:18

Tgt Ion:276 Resp: 91774

Ion Ratio Lower Upper

276 100

138 23.9 15.1 22.7#

277 25.0 18.8 28.2

