

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092823\
 Data File : BP017418.D
 Acq On : 28 Sep 2023 17:31
 Operator : MA/JU
 Sample : 04417-29
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYF5

Quant Time: Sep 28 22:31:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 28 15:31:53 2023
 Response via : Initial Calibration

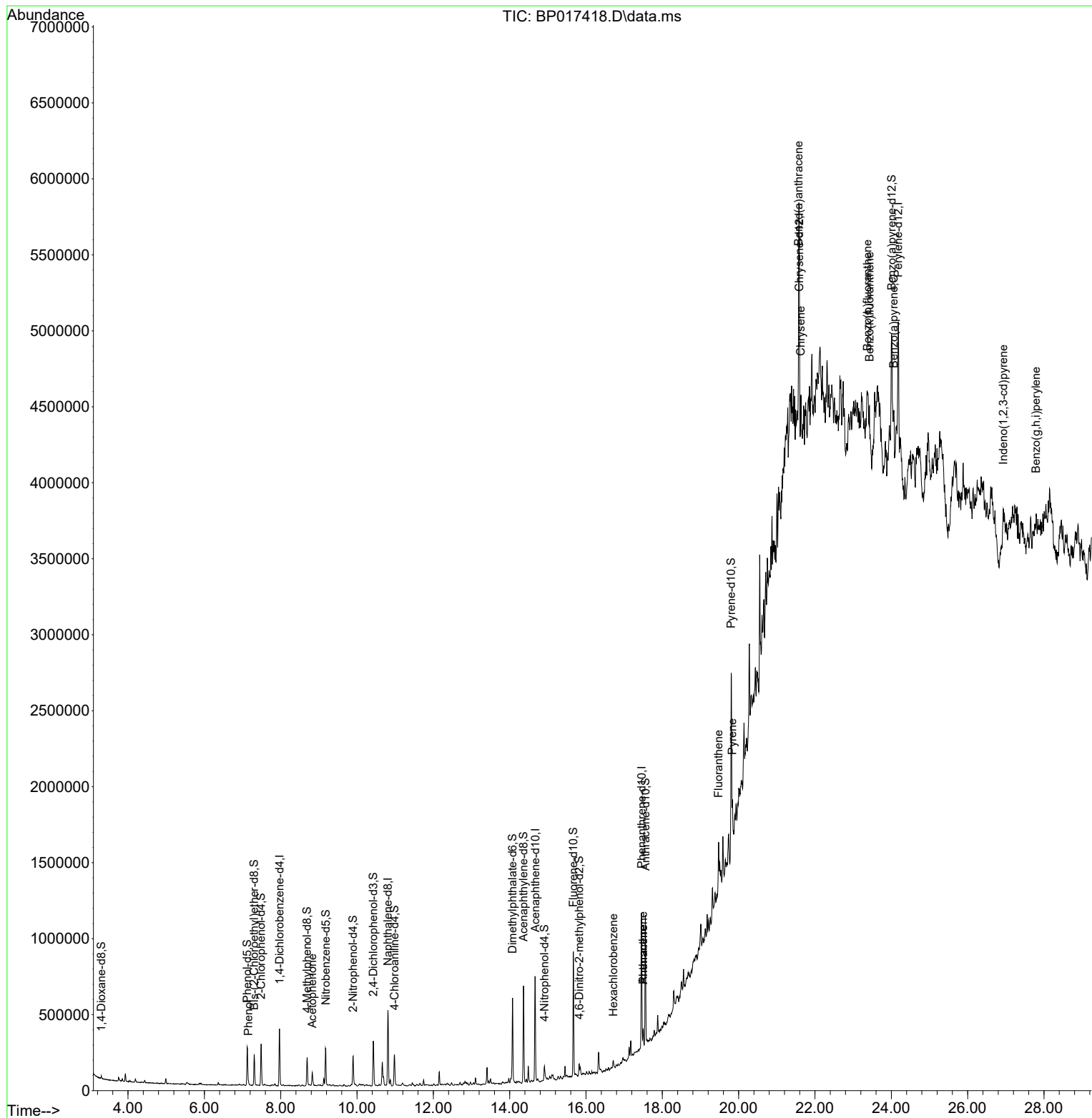
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	99426	20.000	ng/ul	0.01
20) Naphthalene-d8	10.810	136	403003	20.000	ng/ul	0.02
38) Acenaphthene-d10	14.669	164	235893	20.000	ng/ul	0.02
64) Phenanthrene-d10	17.457	188	512246	20.000	ng/ul	0.02
79) Chrysene-d12	21.586	240	499213	20.000	ng/ul	# 0.01
88) Perylene-d12	24.180	264	617901	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	8259	3.412	ng/uL	0.00
4) Pyridine-d5	3.722	84	232	0.034	ng/ul	-0.01
7) Phenol-d5	7.122	99	146119	17.894	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.304	67	90537	18.372	ng/ul	0.00
11) 2-Chlorophenol-d4	7.487	132	122109	18.854	ng/ul	0.01
15) 4-Methylphenol-d8	8.693	113	73175	11.526	ng/ul	0.02
21) Nitrobenzene-d5	9.181	128	60111	20.632	ng/ul	0.02
24) 2-Nitrophenol-d4	9.898	143	63869	20.189	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.428	165	110646	18.513	ng/ul	0.02
31) 4-Chloroaniline-d4	10.981	131	114649	13.242	ng/ul	0.02
46) Dimethylphthalate-d6	14.075	166	338831	20.051	ng/ul	0.01
49) Acenaphthylene-d8	14.363	160	392249	20.182	ng/ul	0.02
54) 4-Nitrophenol-d4	14.910	143	28194	9.577	ng/ul	0.03
60) Fluorene-d10	15.669	176	306780	21.087	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.822	200	15466	5.357	ng/ul	0.03
73) Anthracene-d10	17.557	188	466298	20.525	ng/ul	0.02
81) Pyrene-d10	19.804	212	573089	21.229	ng/ul	0.01
92) Benzo(a)pyrene-d12	24.009	264	610785	20.531	ng/ul	0.03
Target Compounds						
					Qvalue	
8) Phenol	7.152	94	10255	1.249	ng/ul	98
16) Acetophenone	8.828	105	45645	4.653	ng/ul	99
69) Hexachlorobenzene	16.716	284	7039	1.179	ng/ul#	87
72) Phenanthrene	17.498	178	69299	2.583	ng/ul	98
74) Anthracene	17.498	178	69299	2.549	ng/ul	97
80) Fluoranthene	19.474	202	179352	5.697	ng/ul	99
82) Pyrene	19.833	202	173864	5.195	ng/ul	99
85) Benzo(a)anthracene	21.568	228	152225	4.518	ng/ul#	84
87) Chrysene	21.627	228	149689	4.721	ng/ul#	82
90) Benzo(b)fluoranthene	23.374	252	224365	6.159	ng/ul#	64
91) Benzo(k)fluoranthene	23.427	252	80682	2.195	ng/ul#	35
93) Benzo(a)pyrene	24.062	252	170444	4.890	ng/ul#	62
94) Indeno(1,2,3-cd)pyrene	26.933	276	120861	2.766	ng/ul#	79
96) Benzo(g,h,i)perylene	27.792	276	109474	3.107	ng/ul#	71

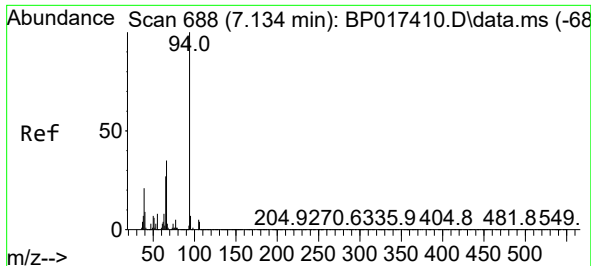
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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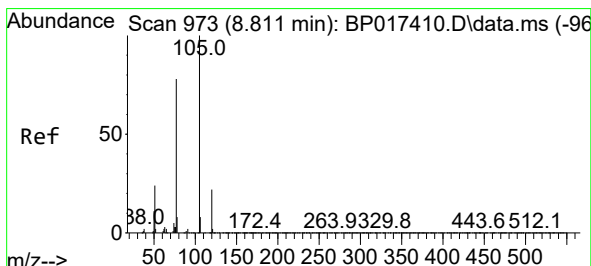
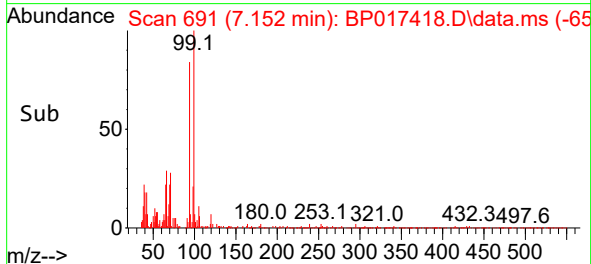
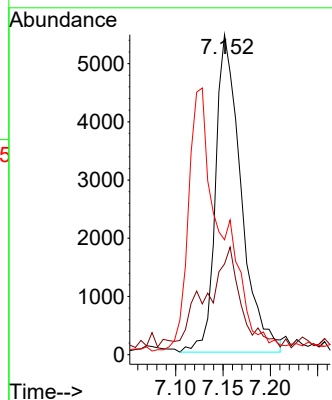
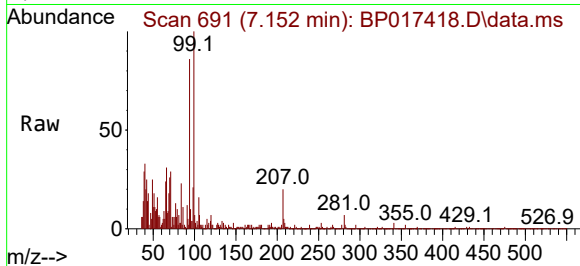




#8
Phenol
Concen: 1.249 ng/ul
RT: 7.152 min Scan# 691
Delta R.T. 0.017 min
Lab File: BP017418.D
Acq: 28 Sep 2023 17:31

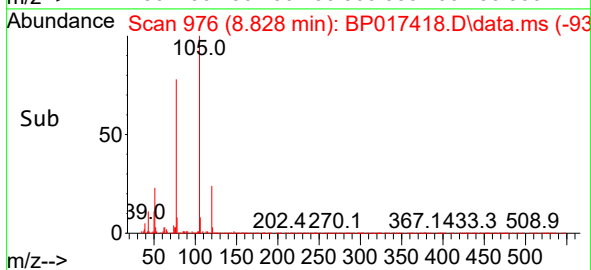
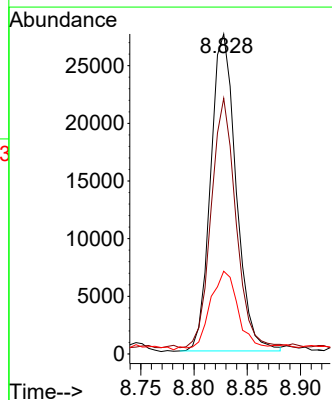
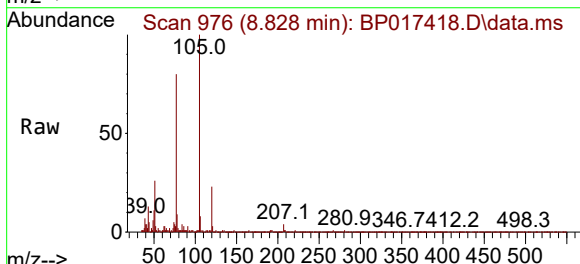
Instrument :
BNA_P
ClientSampleId :
EZYF5

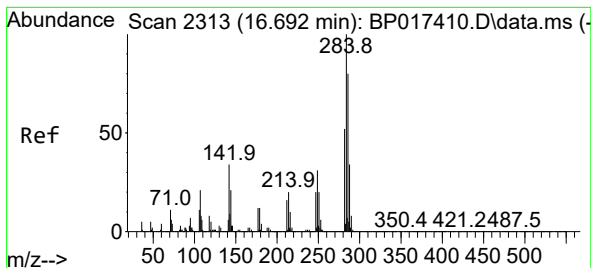
Tgt Ion: 94 Resp: 10255
Ion Ratio Lower Upper
94 100
65 28.3 21.4 32.2
66 35.9 28.2 42.2



#16
Acetophenone
Concen: 4.653 ng/ul
RT: 8.828 min Scan# 976
Delta R.T. 0.017 min
Lab File: BP017418.D
Acq: 28 Sep 2023 17:31

Tgt Ion: 105 Resp: 45645
Ion Ratio Lower Upper
105 100
77 79.9 63.6 95.4
51 25.9 19.2 28.8





#69

Hexachlorobenzene

Concen: 1.179 ng/ul

RT: 16.716 min Scan# 21

Delta R.T. 0.023 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Instrument :

BNA_P

ClientSampleId :

EZYF5

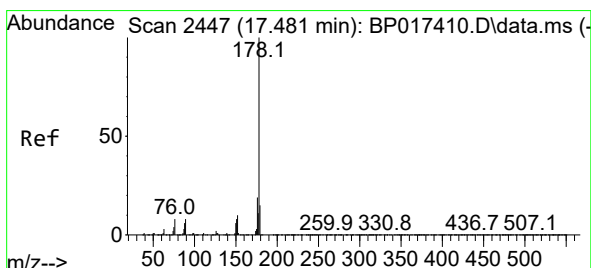
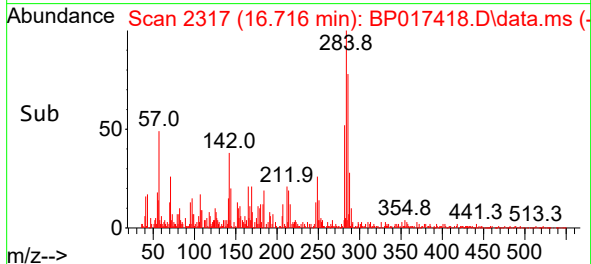
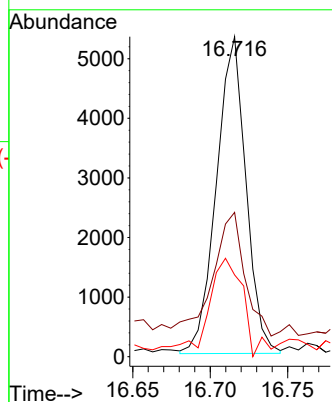
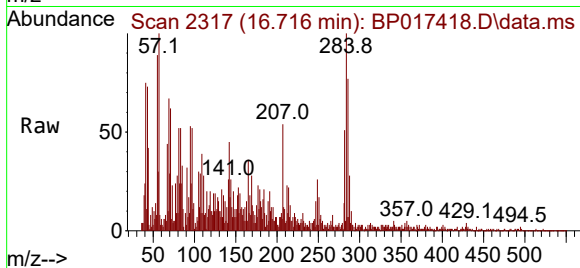
Tgt Ion:284 Resp: 7039

Ion Ratio Lower Upper

284 100

142 45.1 29.5 44.3#

249 25.6 25.7 38.5#



#72

Phenanthrene

Concen: 2.583 ng/ul

RT: 17.498 min Scan# 2450

Delta R.T. 0.017 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

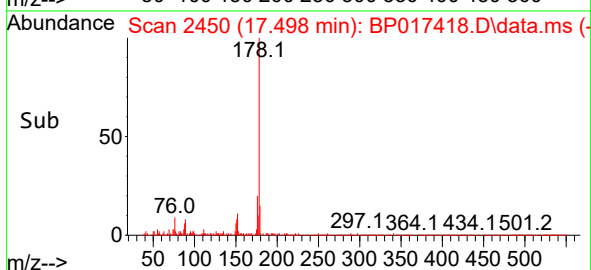
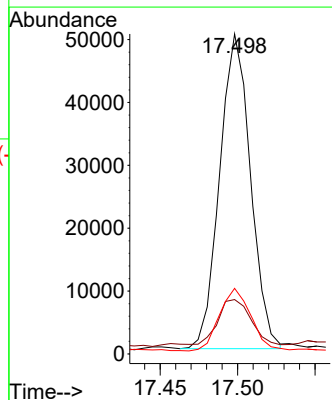
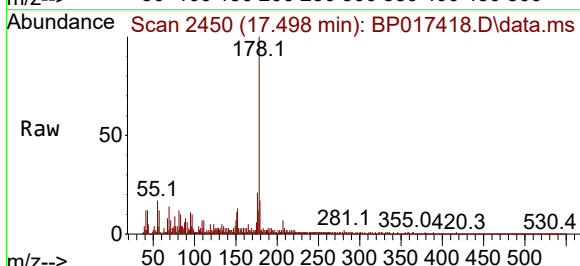
Tgt Ion:178 Resp: 69299

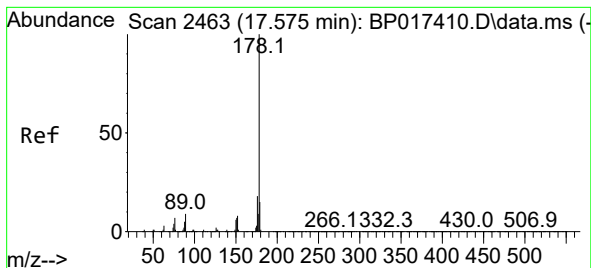
Ion Ratio Lower Upper

178 100

179 17.0 12.7 19.1

176 20.5 15.8 23.6





#74

Anthracene

Concen: 2.549 ng/ul

RT: 17.498 min Scan# 2463

Delta R.T. -0.077 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Instrument :

BNA_P

ClientSampleId :

EZYF5

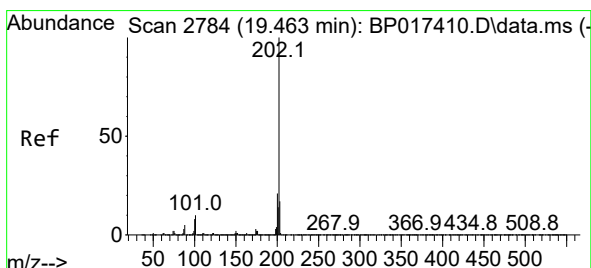
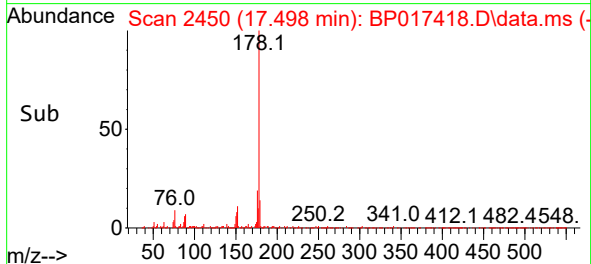
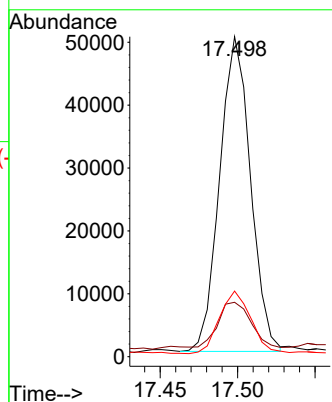
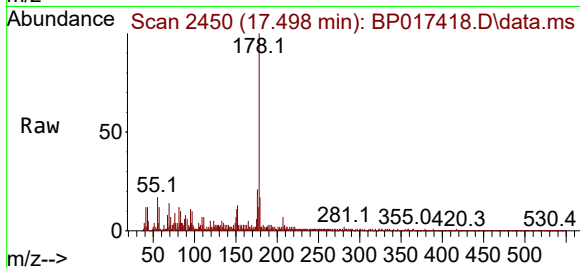
Tgt Ion:178 Resp: 69299

Ion Ratio Lower Upper

178 100

179 17.0 12.5 18.7

176 20.5 15.1 22.7



#80

Fluoranthene

Concen: 5.697 ng/ul

RT: 19.474 min Scan# 2786

Delta R.T. 0.011 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

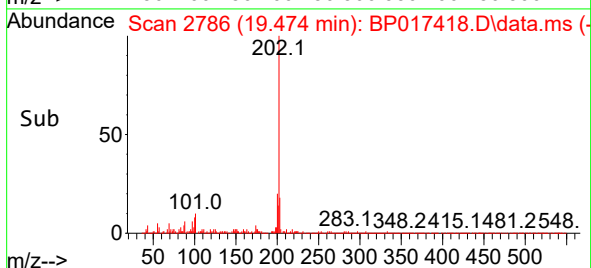
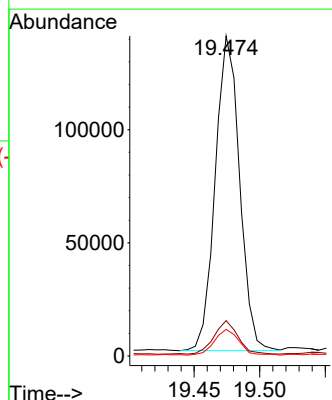
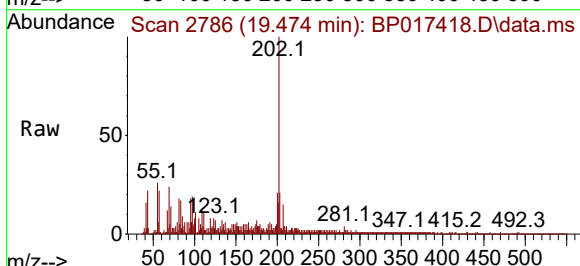
Tgt Ion:202 Resp: 179352

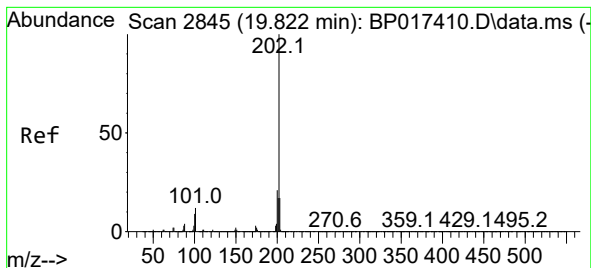
Ion Ratio Lower Upper

202 100

101 11.0 8.4 12.6

100 8.3 6.6 10.0





#82

Pyrene

Concen: 5.195 ng/ul

RT: 19.833 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Instrument :

BNA_P

ClientSampleId :

EZYF5

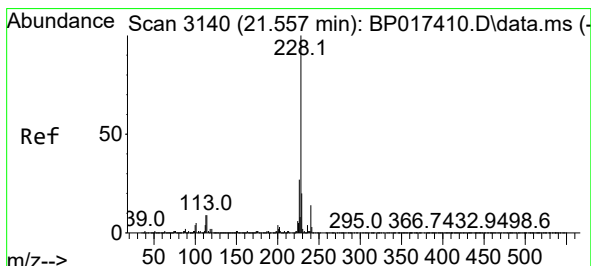
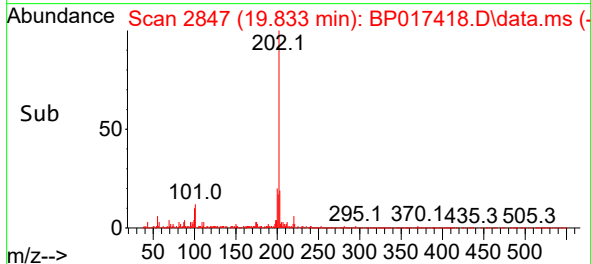
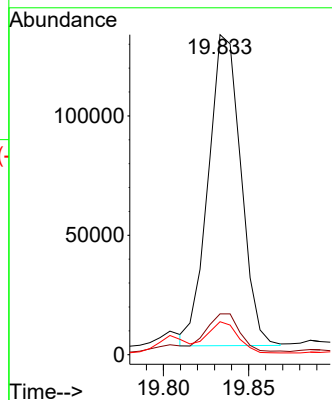
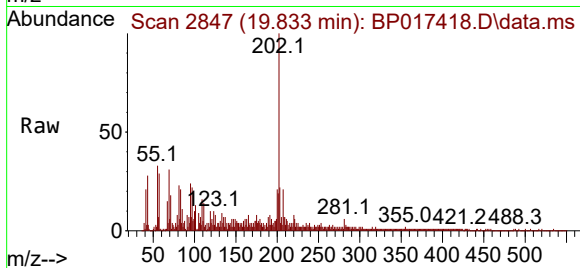
Tgt Ion:202 Resp: 173864

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

100 10.3 8.1 12.1



#85

Benzo(a)anthracene

Concen: 4.518 ng/ul

RT: 21.568 min Scan# 3142

Delta R.T. 0.012 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

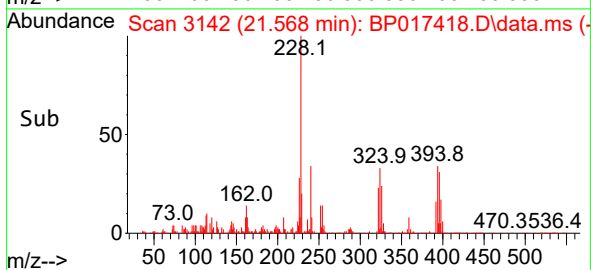
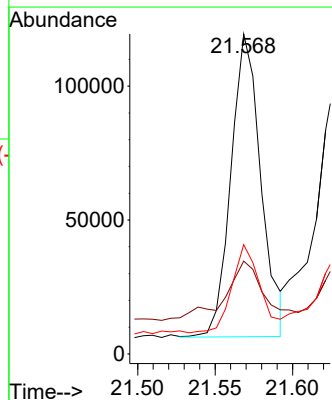
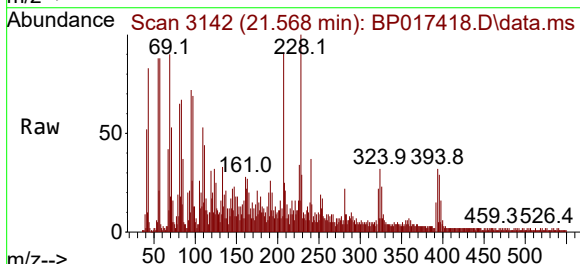
Tgt Ion:228 Resp: 152225

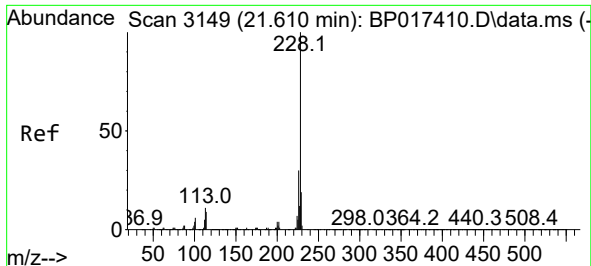
Ion Ratio Lower Upper

228 100

229 29.0 15.8 23.6#

226 34.2 21.8 32.8#





#87

Chrysene

Concen: 4.721 ng/ul

RT: 21.627 min Scan# 3149

Delta R.T. 0.017 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Instrument :

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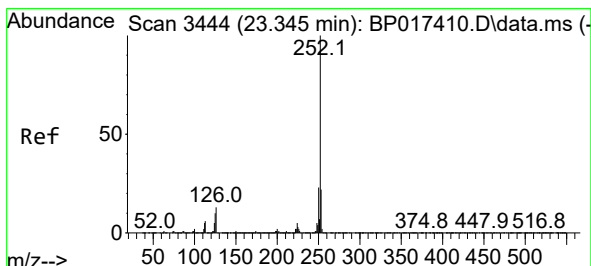
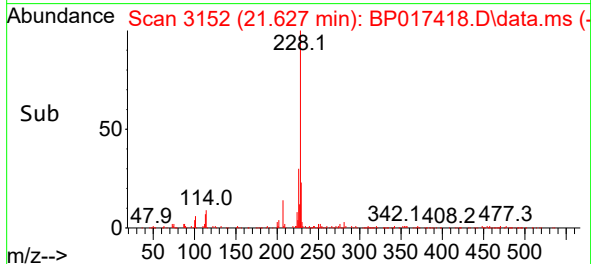
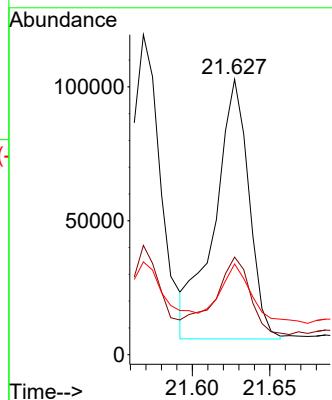
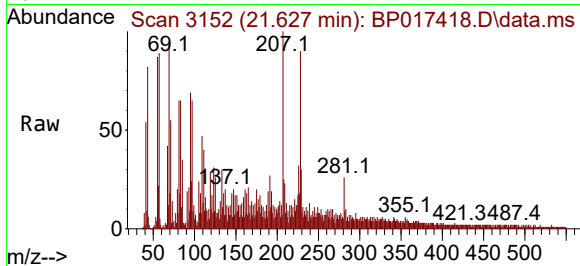
Tgt Ion:228 Resp: 149689

Ion Ratio Lower Upper

228 100

226 35.4 24.1 36.1

229 32.9 15.0 22.6#



#90

Benzo(b)fluoranthene

Concen: 6.159 ng/ul

RT: 23.374 min Scan# 3449

Delta R.T. 0.029 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

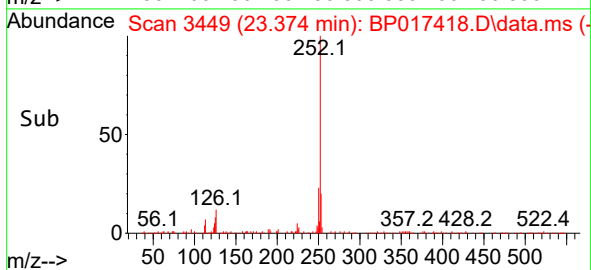
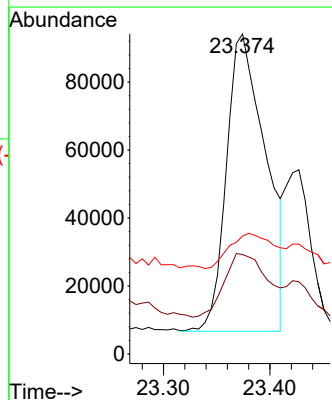
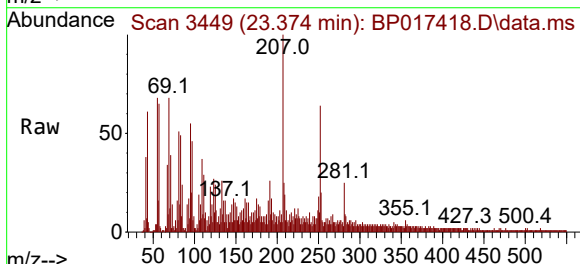
Tgt Ion:252 Resp: 224365

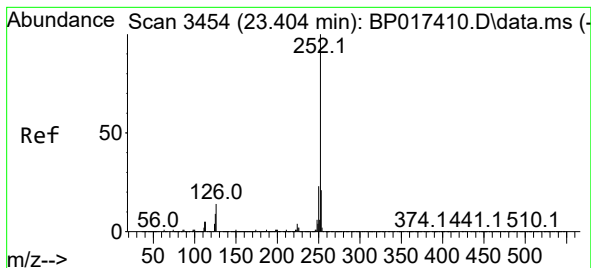
Ion Ratio Lower Upper

252 100

253 31.0 17.4 26.0#

125 36.9 7.8 11.8#





#91

Benzo(k)fluoranthene

Concen: 2.195 ng/ul

RT: 23.427 min Scan# 3454

Delta R.T. 0.023 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

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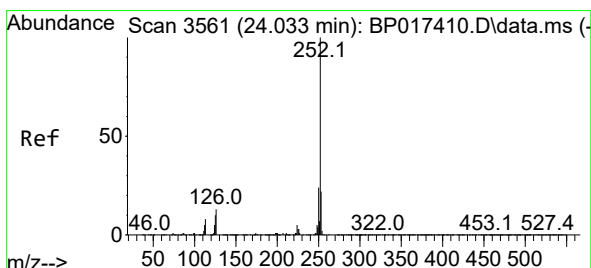
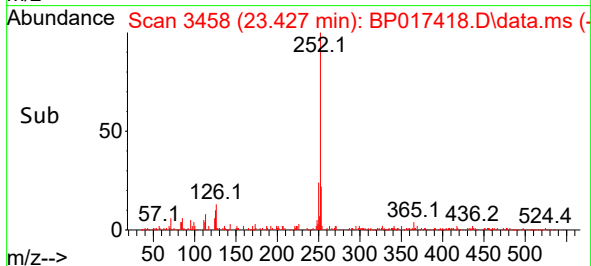
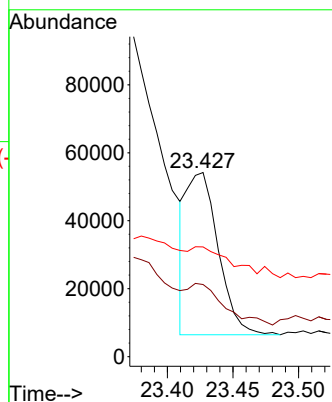
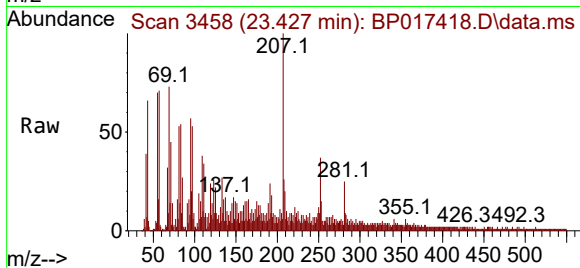
Tgt Ion:252 Resp: 80682

Ion Ratio Lower Upper

252 100

253 39.1 17.9 26.9#

125 59.6 7.8 11.6#



#93

Benzo(a)pyrene

Concen: 4.890 ng/ul

RT: 24.062 min Scan# 3566

Delta R.T. 0.029 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

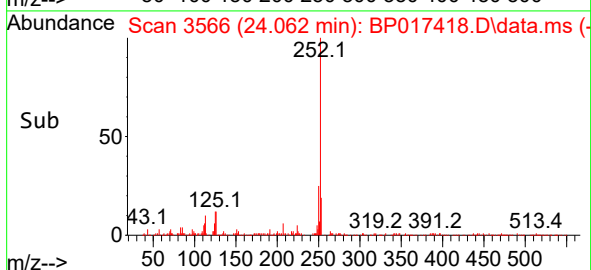
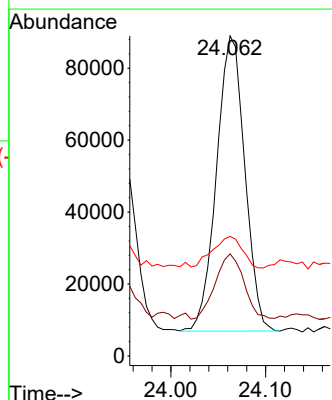
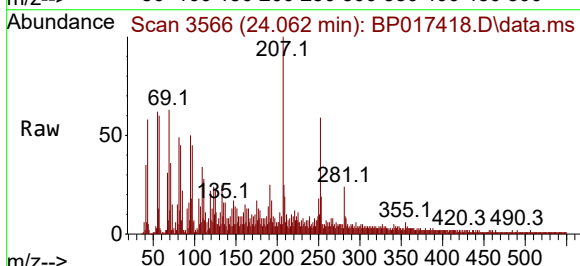
Tgt Ion:252 Resp: 170444

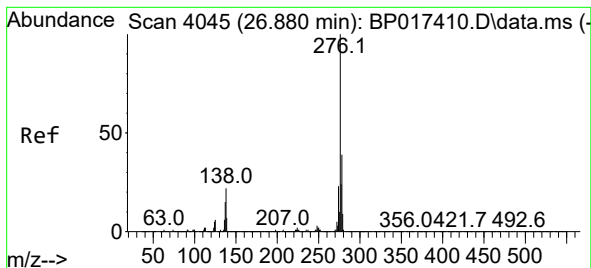
Ion Ratio Lower Upper

252 100

253 31.9 17.4 26.0#

125 37.4 8.9 13.3#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.766 ng/ul

RT: 26.933 min Scan# 4045

Delta R.T. 0.053 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Instrument :

BNA_P

ClientSampleId :

EZYF5

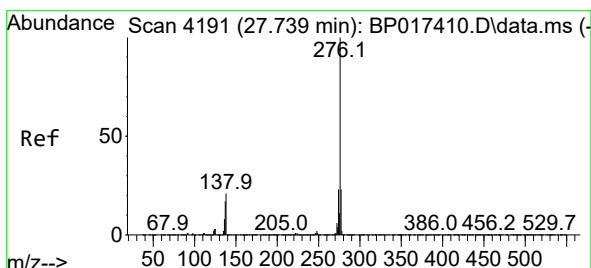
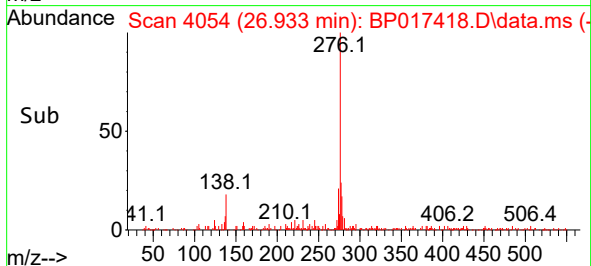
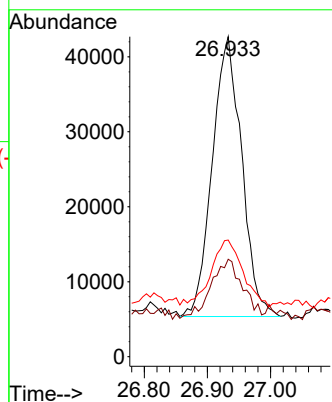
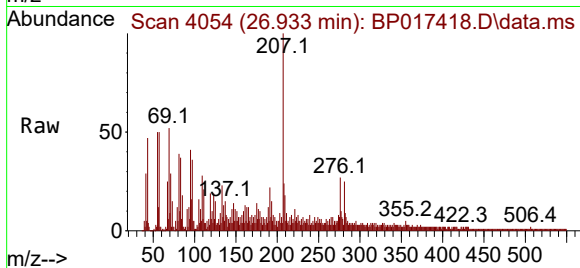
Tgt Ion:276 Resp: 120861

Ion Ratio Lower Upper

276 100

138 30.5 17.9 26.9#

277 36.4 19.5 29.3#



#96

Benzo(g,h,i)perylene

Concen: 3.107 ng/ul

RT: 27.792 min Scan# 4200

Delta R.T. 0.053 min

Lab File: BP017418.D

Acq: 28 Sep 2023 17:31

Tgt Ion:276 Resp: 109474

Ion Ratio Lower Upper

276 100

138 30.6 17.3 25.9#

277 41.9 18.8 28.2#

