

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092723\
 Data File : BP017406.D
 Acq On : 27 Sep 2023 19:59
 Operator : MA/JU
 Sample : 04472-09RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYK8

Quant Time: Sep 27 22:32:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

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

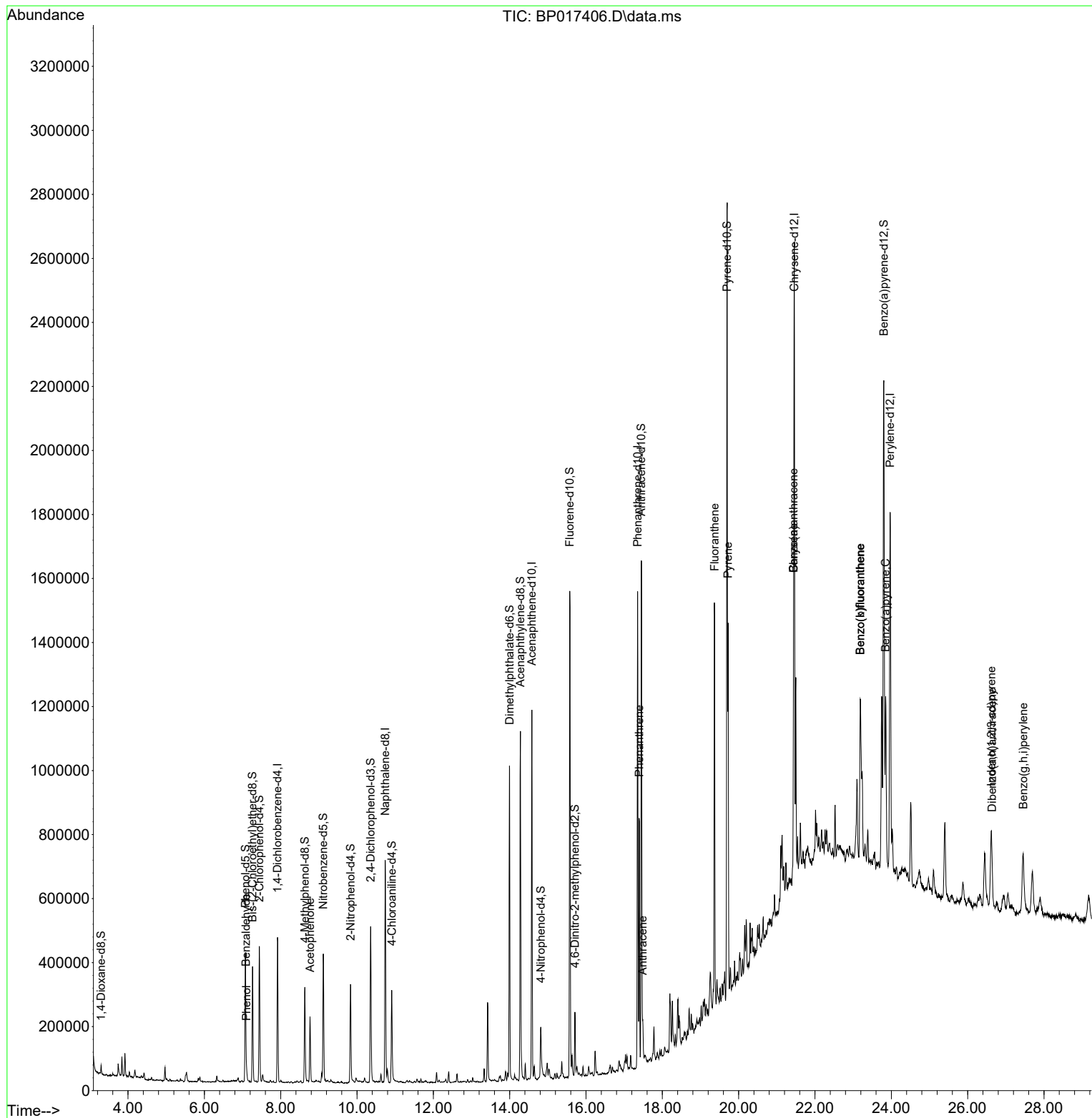
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	120895	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.739	136	555427	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.580	164	354505	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.351	188	828862	20.000	ng/ul	0.00
79) Chrysene-d12	21.456	240	795876	20.000	ng/ul	0.00
88) Perylene-d12	23.968	264	883179	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.293	96	12397	4.212	ng/uL	0.00
4) Pyridine-d5	3.710	84	419	0.051	ng/ul	-0.02
7) Phenol-d5	7.075	99	221291	22.287	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	150536	25.122	ng/ul	0.00
11) 2-Chlorophenol-d4	7.440	132	184996	23.491	ng/ul	0.00
15) 4-Methylphenol-d8	8.634	113	110870	14.363	ng/ul	0.00
21) Nitrobenzene-d5	9.116	128	90453	22.527	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.834	143	94786	21.740	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.357	165	176430	21.418	ng/ul	0.00
31) 4-Chloroaniline-d4	10.910	131	159967	13.406	ng/ul	0.00
46) Dimethylphthalate-d6	13.998	166	638897	25.158	ng/ul	0.00
49) Acenaphthylene-d8	14.280	160	674997	23.110	ng/ul	0.00
54) 4-Nitrophenol-d4	14.816	143	48587	10.982	ng/ul	0.00
60) Fluorene-d10	15.574	176	576352	26.362	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.710	200	40808	8.735	ng/ul	0.00
73) Anthracene-d10	17.451	188	866062	23.559	ng/ul	0.00
81) Pyrene-d10	19.698	212	1221878	28.390	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.803	264	1155849	27.182	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.087	77	5411	1.068	ng/ul	88
8) Phenol	7.104	94	14936	1.496	ng/ul#	86
16) Acetophenone	8.769	105	104128	8.729	ng/ul	98
72) Phenanthrene	17.398	178	452099	10.414	ng/ul	99
74) Anthracene	17.486	178	75621	1.719	ng/ul	98
80) Fluoranthene	19.368	202	725529	14.455	ng/ul	99
82) Pyrene	19.721	202	657138	12.316	ng/ul	99
85) Benzo(a)anthracene	21.439	228	342834	6.383	ng/ul	98
87) Chrysene	21.439	228	343083	6.787	ng/ul	95
90) Benzo(b)fluoranthene	23.186	252	473574	9.095	ng/ul	97
91) Benzo(k)fluoranthene	23.186	252	473574	9.015	ng/ul#	98
93) Benzo(a)pyrene	23.851	252	372929	7.485	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.621	276	267622	4.286	ng/ul	96
95) Dibenzo(a,h)anthracene	26.639	278	65133	1.252	ng/ul#	93
96) Benzo(g,h,i)perylene	27.456	276	256756	5.099	ng/ul	97

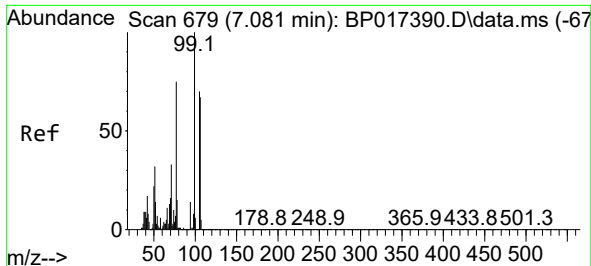
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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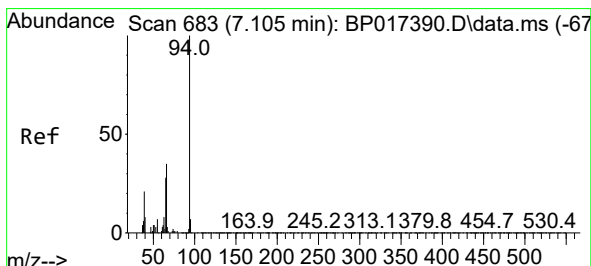
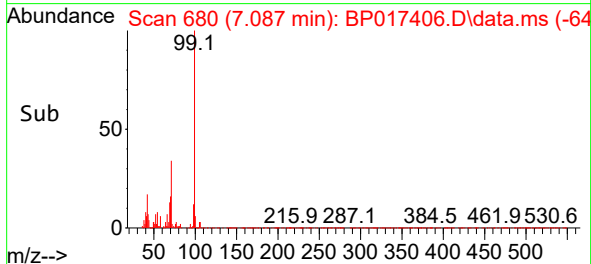
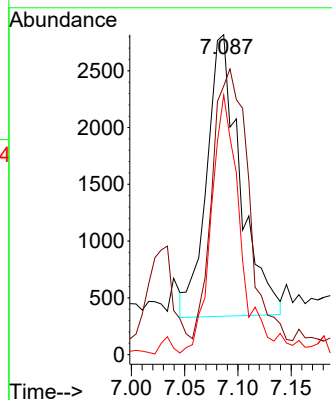
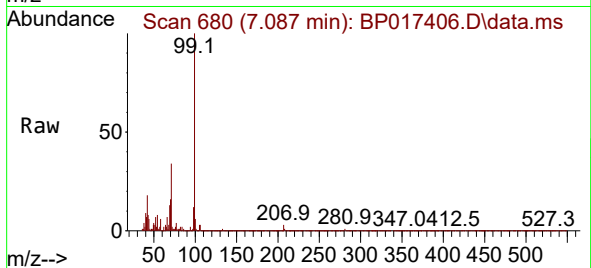




#6
Benzaldehyde
Concen: 1.068 ng/ul
RT: 7.087 min Scan# 611
Delta R.T. -0.000 min
Lab File: BP017406.D
Acq: 27 Sep 2023 19:59

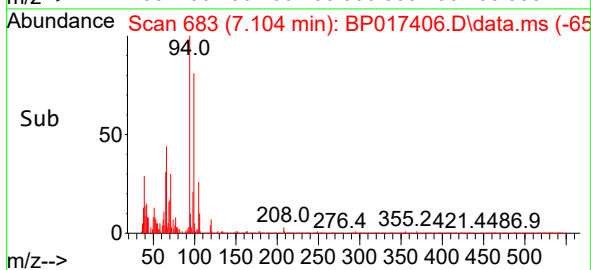
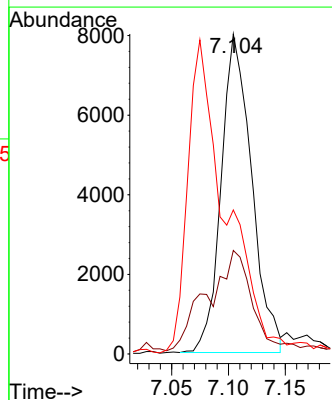
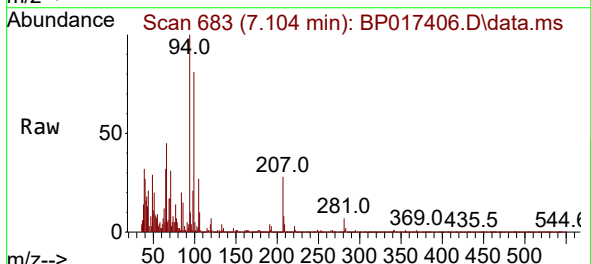
Instrument :
BNA_P
ClientSampleId :
EZYK8

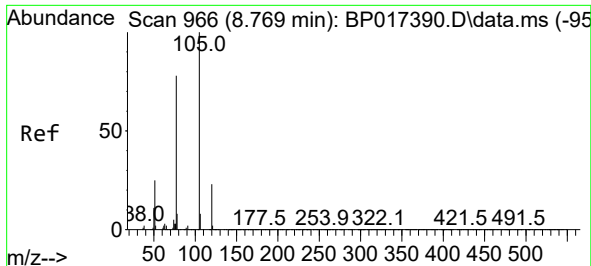
Tgt Ion: 77 Resp: 5411
Ion Ratio Lower Upper
77 100
105 84.0 78.0 117.0
106 81.1 73.2 109.8



#8
Phenol
Concen: 1.496 ng/ul
RT: 7.104 min Scan# 683
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 19:59

Tgt Ion: 94 Resp: 14936
Ion Ratio Lower Upper
94 100
65 32.4 21.4 32.2#
66 45.0 28.2 42.2#

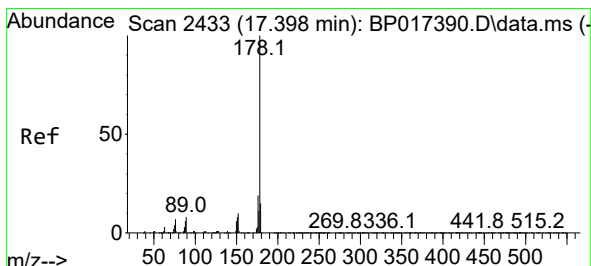
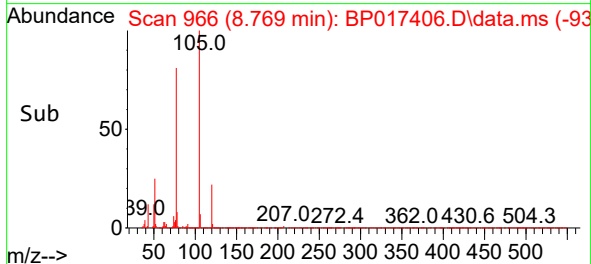
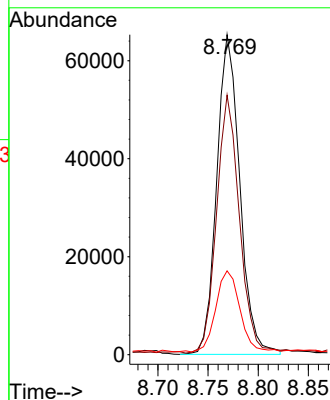
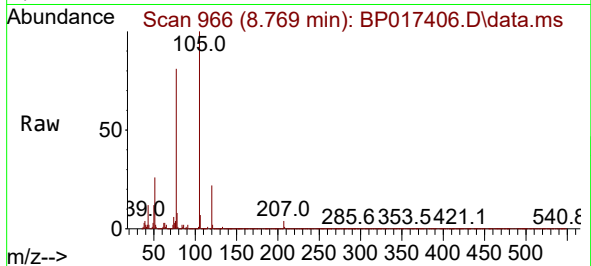




#16
Acetophenone
Concen: 8.729 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 19:59

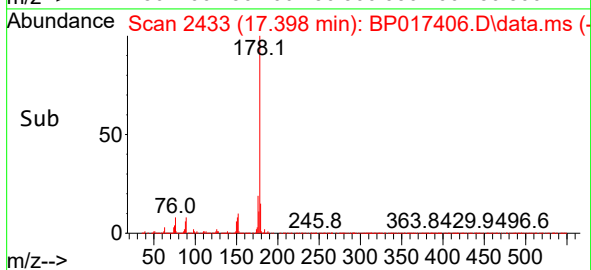
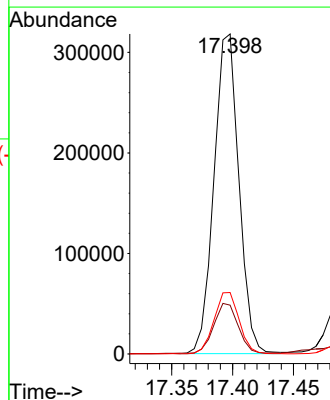
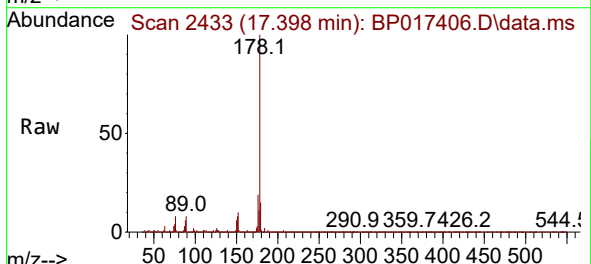
Instrument :
BNA_P
ClientSampleId :
EZYK8

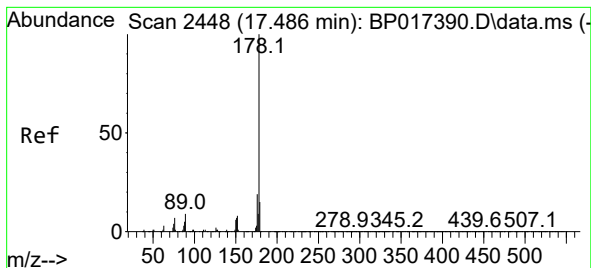
Tgt Ion:105 Resp: 104128
Ion Ratio Lower Upper
105 100
77 81.1 63.6 95.4
51 26.2 19.2 28.8



#72
Phenanthrene
Concen: 10.414 ng/ul
RT: 17.398 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP017406.D
Acq: 27 Sep 2023 19:59

Tgt Ion:178 Resp: 452099
Ion Ratio Lower Upper
178 100
179 15.3 12.7 19.1
176 19.2 15.8 23.6





#74

Anthracene

Concen: 1.719 ng/ul

RT: 17.486 min Scan# 2448

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8

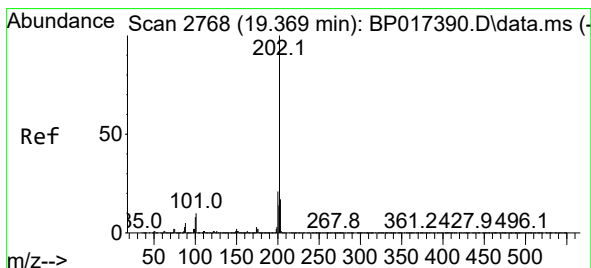
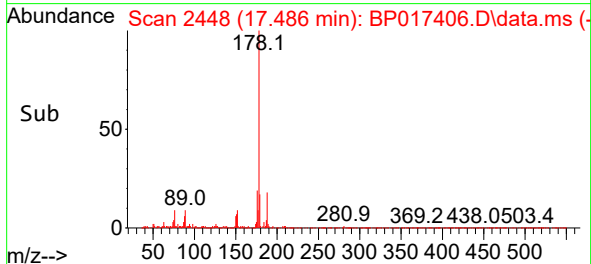
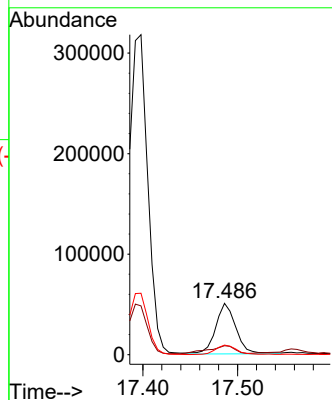
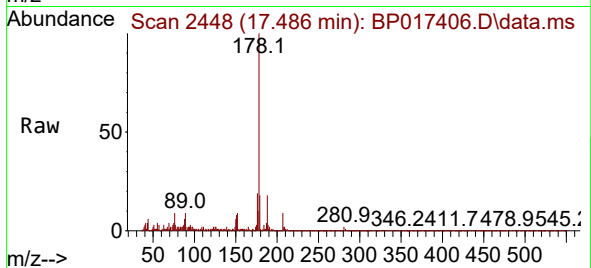
Tgt Ion:178 Resp: 75621

Ion Ratio Lower Upper

178 100

179 17.5 12.5 18.7

176 18.8 15.1 22.7



#80

Fluoranthene

Concen: 14.455 ng/ul

RT: 19.368 min Scan# 2768

Delta R.T. -0.000 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

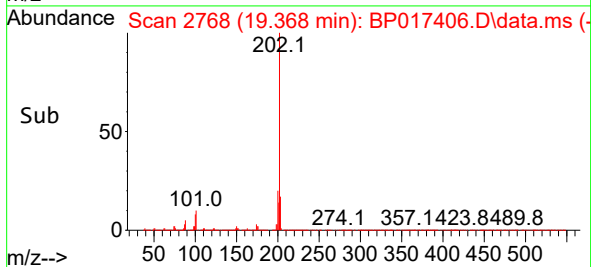
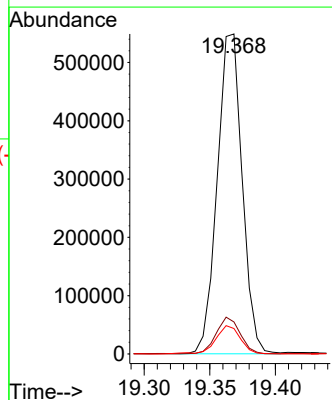
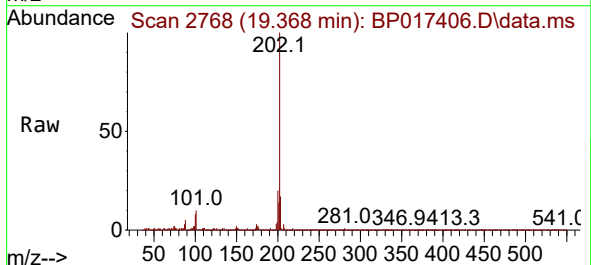
Tgt Ion:202 Resp: 725529

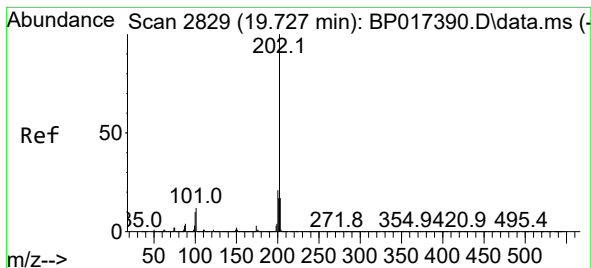
Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

100 7.9 6.6 10.0





#82

Pyrene

Concen: 12.316 ng/ul

RT: 19.721 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8

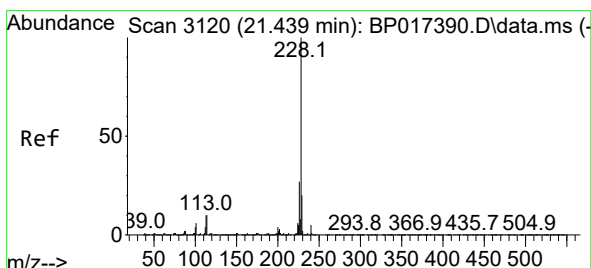
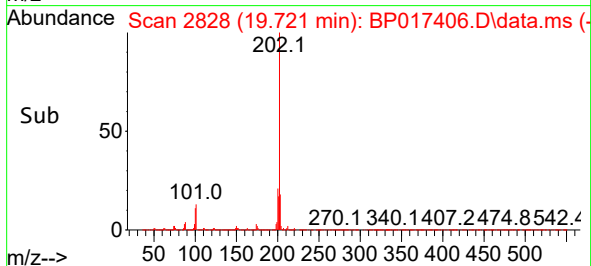
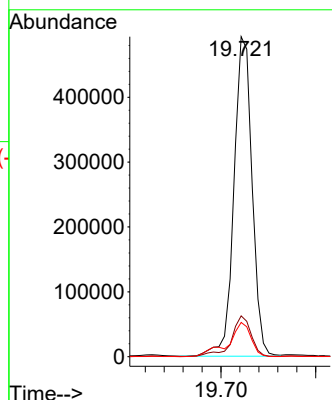
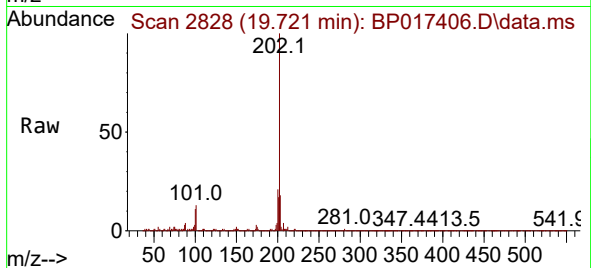
Tgt Ion:202 Resp: 657138

Ion Ratio Lower Upper

202 100

101 12.8 9.8 14.8

100 10.7 8.1 12.1



#85

Benzo(a)anthracene

Concen: 6.383 ng/ul

RT: 21.439 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

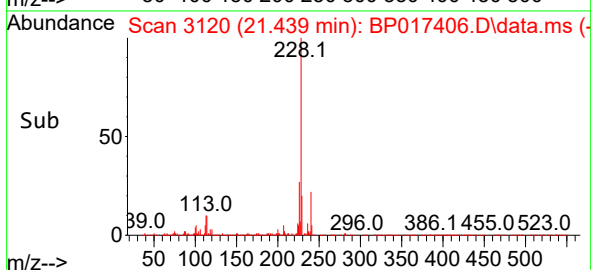
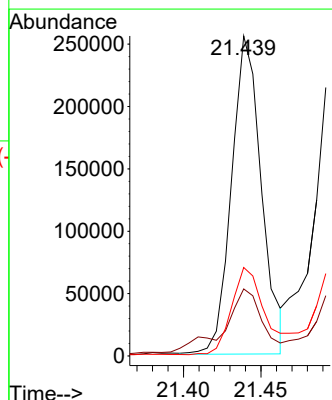
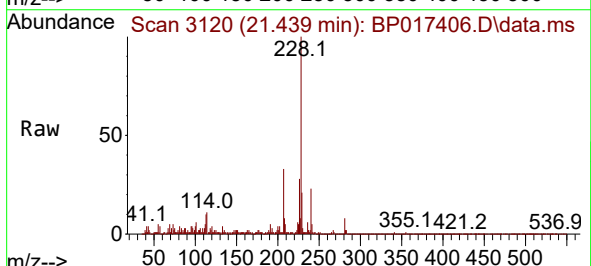
Tgt Ion:228 Resp: 342834

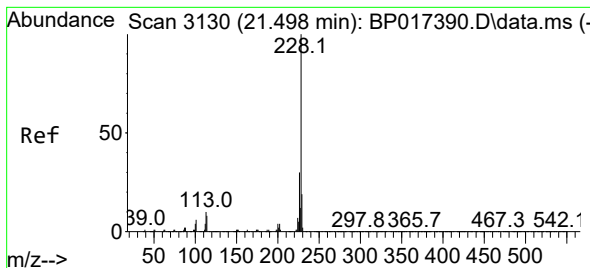
Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

226 27.7 21.8 32.8





#87

Chrysene

Concen: 6.787 ng/ul

RT: 21.439 min Scan# 31

Delta R.T. -0.065 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8

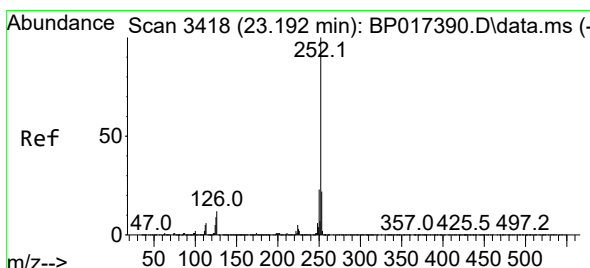
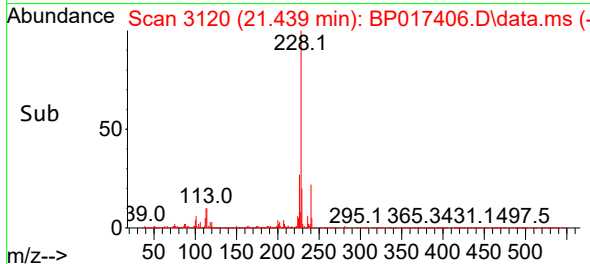
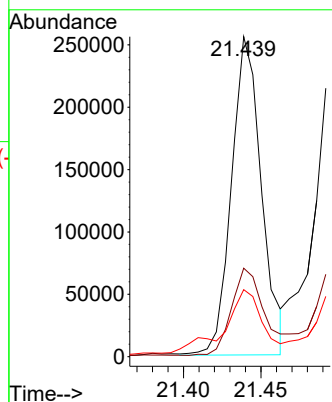
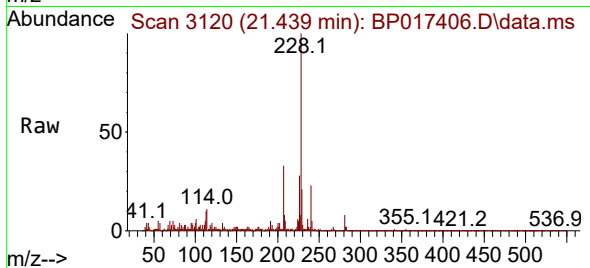
Tgt Ion:228 Resp: 343083

Ion Ratio Lower Upper

228 100

226 27.7 24.1 36.1

229 21.0 15.0 22.6



#90

Benzo(b)fluoranthene

Concen: 9.095 ng/ul

RT: 23.186 min Scan# 3417

Delta R.T. -0.006 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

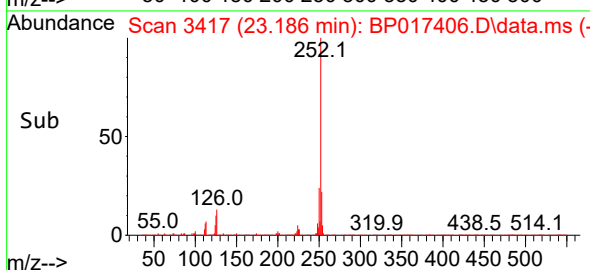
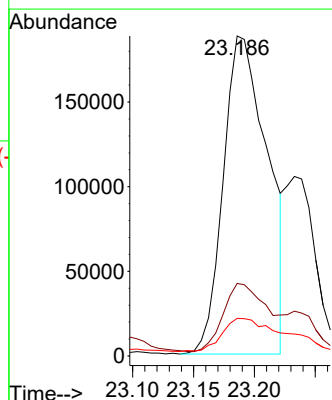
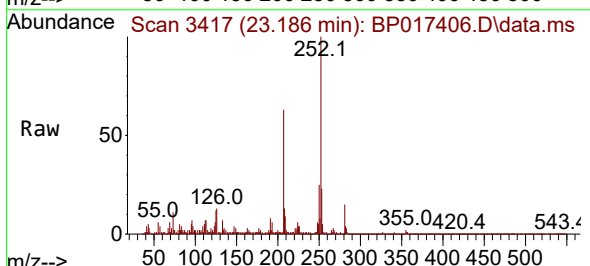
Tgt Ion:252 Resp: 473574

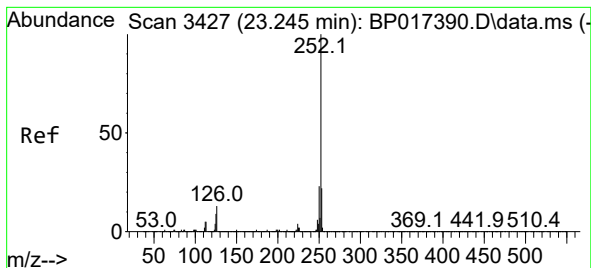
Ion Ratio Lower Upper

252 100

253 22.7 17.4 26.0

125 11.7 7.8 11.8





#91

Benzo(k)fluoranthene

Concen: 9.015 ng/ul

RT: 23.186 min Scan# 34

Delta R.T. -0.059 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8

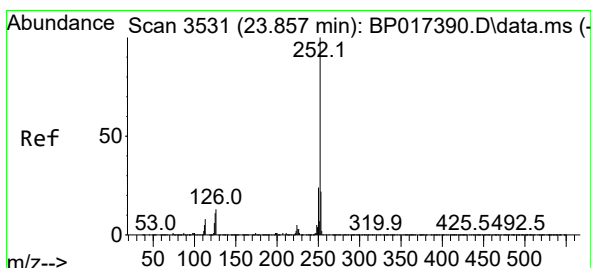
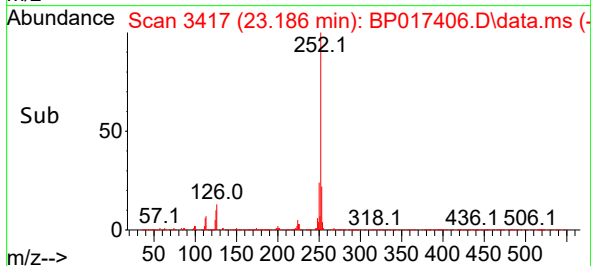
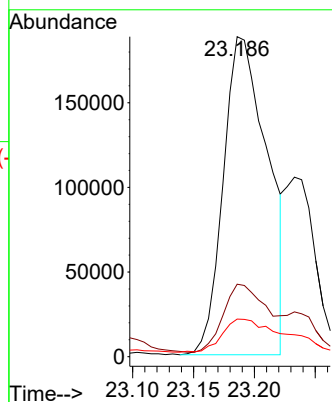
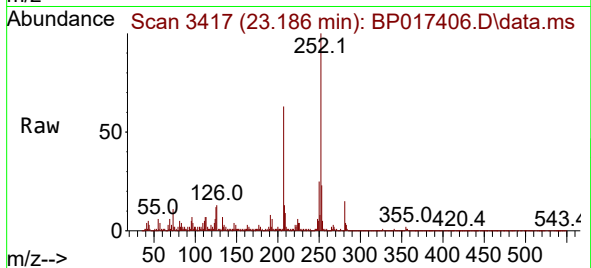
Tgt Ion:252 Resp: 473574

Ion Ratio Lower Upper

252 100

253 22.7 17.9 26.9

125 11.7 7.8 11.6#



#93

Benzo(a)pyrene

Concen: 7.485 ng/ul

RT: 23.851 min Scan# 3530

Delta R.T. -0.012 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

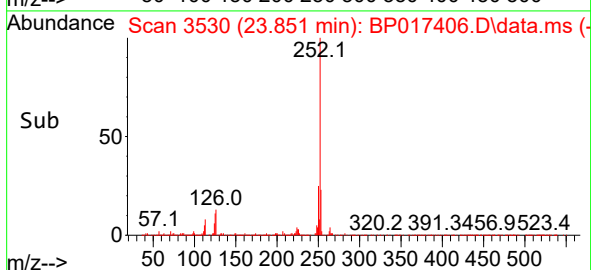
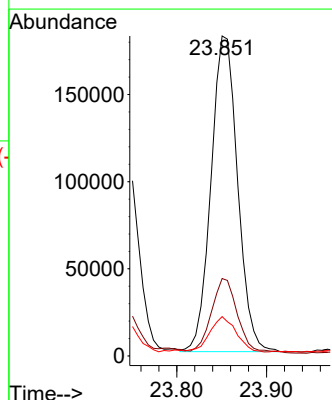
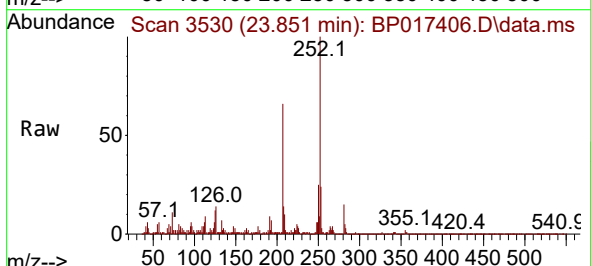
Tgt Ion:252 Resp: 372929

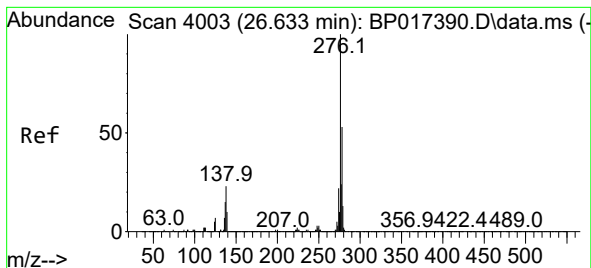
Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.0

125 12.3 8.9 13.3





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.286 ng/ul

RT: 26.621 min Scan# 4001

Delta R.T. -0.012 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8

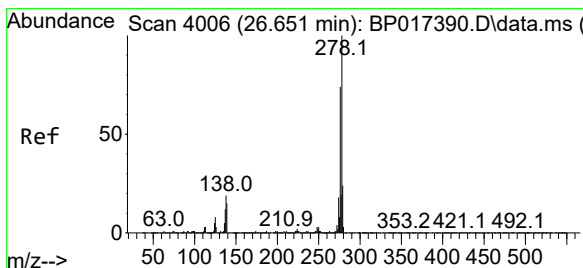
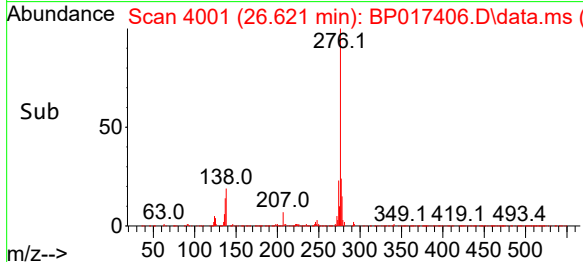
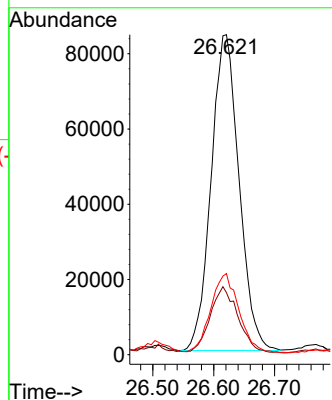
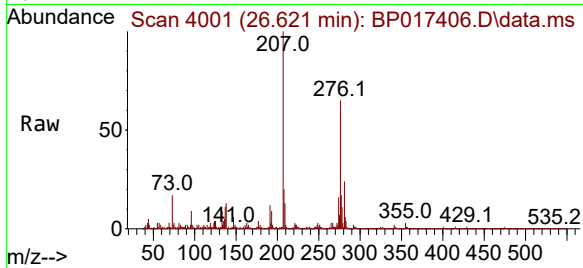
Tgt Ion:276 Resp: 267622

Ion Ratio Lower Upper

276 100

138 19.4 17.9 26.9

277 25.3 19.5 29.3



#95

Dibenzo(a,h)anthracene

Concen: 1.252 ng/ul

RT: 26.639 min Scan# 4004

Delta R.T. -0.018 min

Lab File: BP017406.D

Acq: 27 Sep 2023 19:59

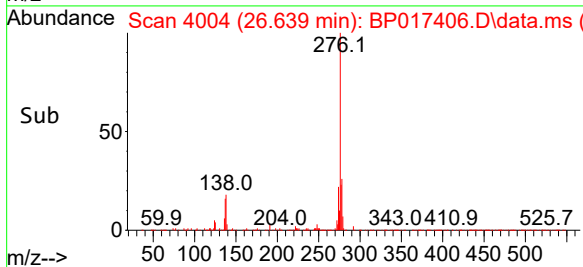
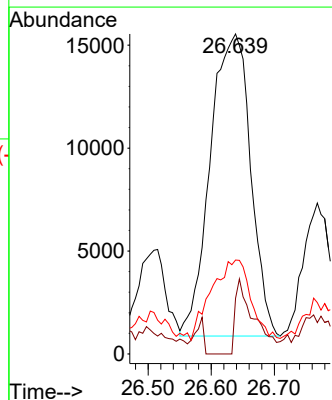
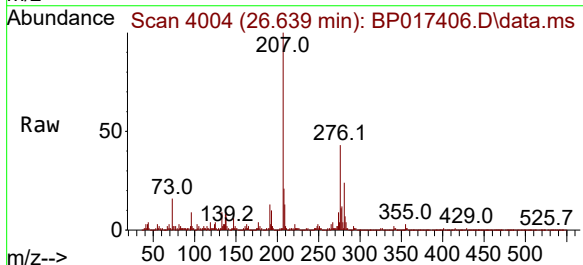
Tgt Ion:278 Resp: 65133

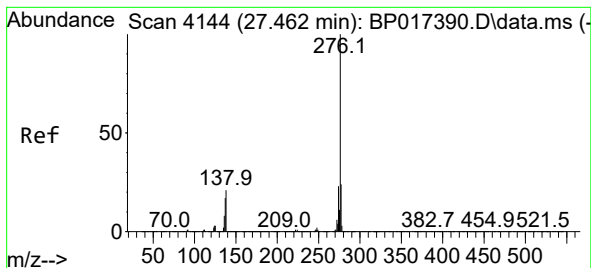
Ion Ratio Lower Upper

278 100

139 17.4 13.4 20.0

279 29.3 19.5 29.3#





#96

Benzo(g,h,i)perylene

Concen: 5.099 ng/ul

RT: 27.456 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP017406.D

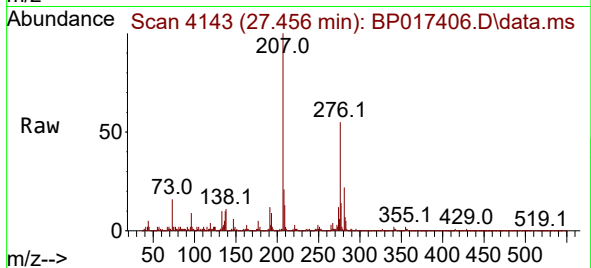
Acq: 27 Sep 2023 19:59

Instrument :

BNA_P

ClientSampleId :

EZYK8



Tgt Ion:276 Resp: 256756

Ion Ratio Lower Upper

276 100

138 20.7 17.3 25.9

277 25.5 18.8 28.2

