

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102523\
 Data File : BP017811.D
 Acq On : 25 Oct 2023 20:24
 Operator : MA/JU
 Sample : 04953-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EOAS0

Quant Time: Oct 26 04:57:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101823.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 19 01:32:15 2023
 Response via : Initial Calibration

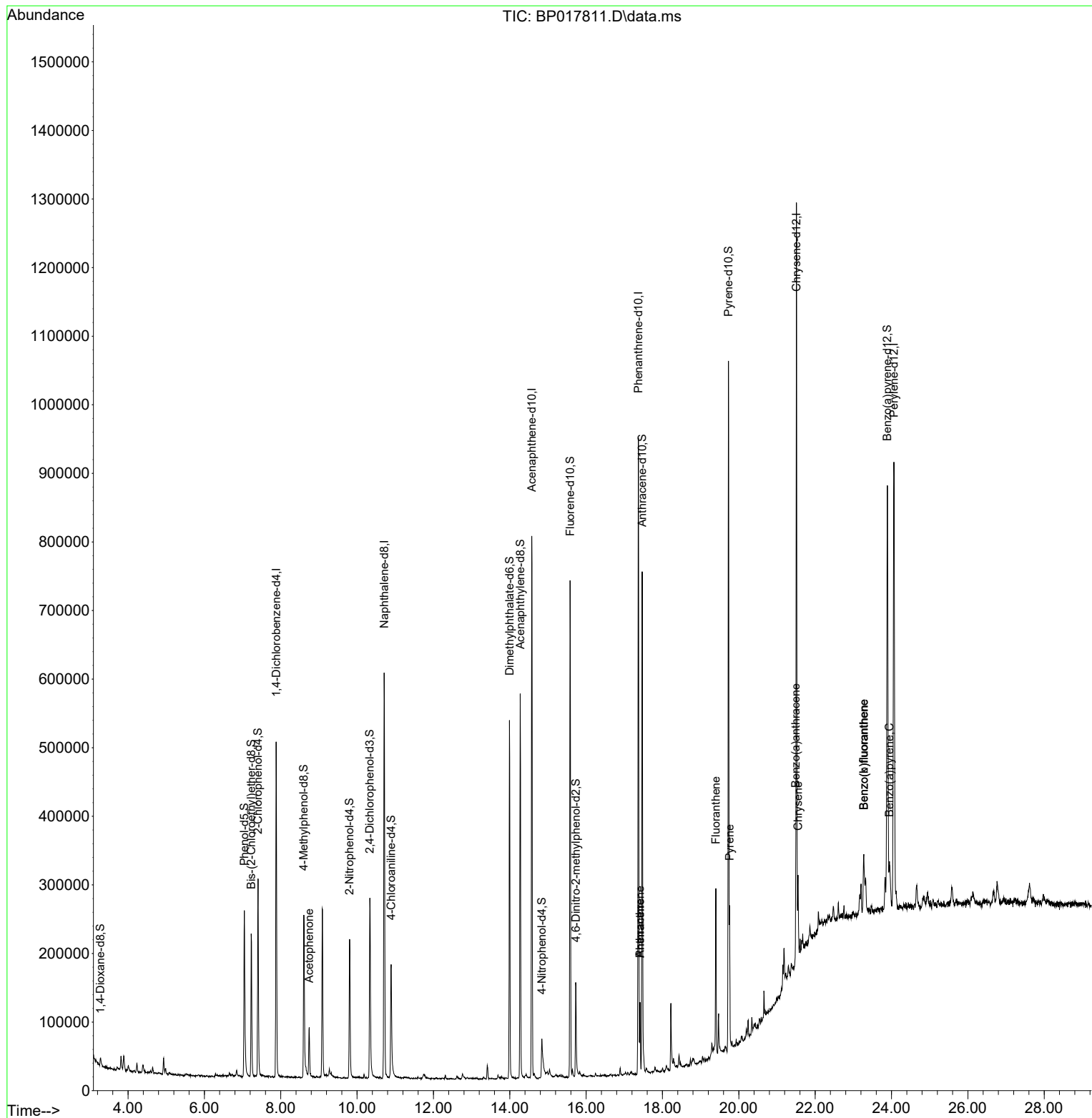
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	120967	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	448525	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.575	164	249605	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.369	188	509791	20.000	ng/u1	0.00
79) Chrysene-d12	21.510	240	468862	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	502151	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	9002	2.768	ng/uL	0.02
4) Pyridine-d5	3.705	84	259	0.030	ng/u1	0.01
7) Phenol-d5	7.046	99	140018	13.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	93889	15.103	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	121385	14.785	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	91250	11.543	ng/u1	0.00
21) Nitrobenzene-d5	9.193	128	117	0.032	ng/u1	0.09
24) 2-Nitrophenol-d4	9.805	143	57896	14.417	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.334	165	100244	12.726	ng/u1	0.00
31) 4-Chloroaniline-d4	10.893	131	94198	9.138	ng/u1	0.00
46) Dimethylphthalate-d6	13.993	166	315290	15.047	ng/u1	-0.01
49) Acenaphthylene-d8	14.275	160	340426	14.568	ng/u1	0.00
54) 4-Nitrophenol-d4	14.840	143	18637	6.242	ng/u1	0.01
60) Fluorene-d10	15.581	176	265120	14.637	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.734	200	28808	8.579	ng/u1	0.00
73) Anthracene-d10	17.469	188	382123	14.668	ng/u1	0.00
81) Pyrene-d10	19.728	212	478395	16.275	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	434909	15.550	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.746	105	35227	2.835	ng/u1	92
72) Phenanthrene	17.410	178	55913	1.872	ng/u1	98
74) Anthracene	17.410	178	55913	1.849	ng/u1	99
80) Fluoranthene	19.398	202	131037	3.880	ng/u1	100
82) Pyrene	19.757	202	109723	3.066	ng/u1	99
85) Benzo(a)anthracene	21.492	228	56305	1.580	ng/u1	98
87) Chrysene	21.551	228	67943	2.016	ng/u1	98
90) Benzo(b)fluoranthene	23.275	252	77094	2.256	ng/u1	99
91) Benzo(k)fluoranthene	23.275	252	77094	2.226	ng/u1	99
93) Benzo(a)pyrene	23.945	252	46396	1.446	ng/u1#	95

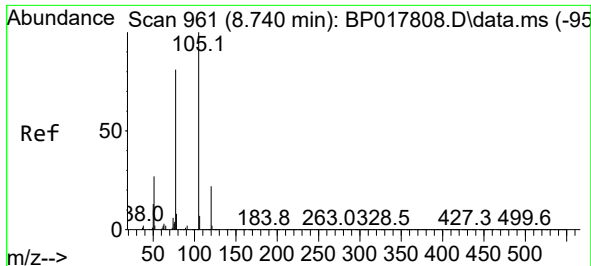
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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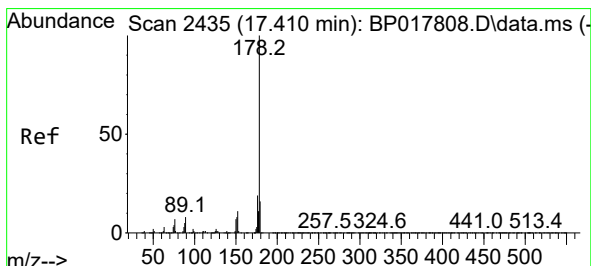
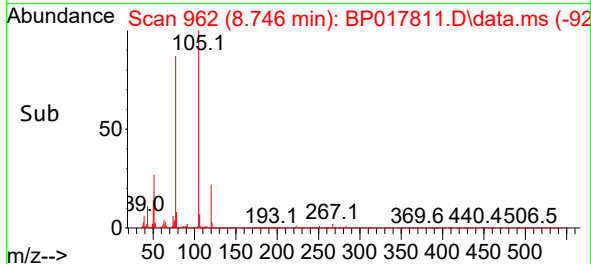
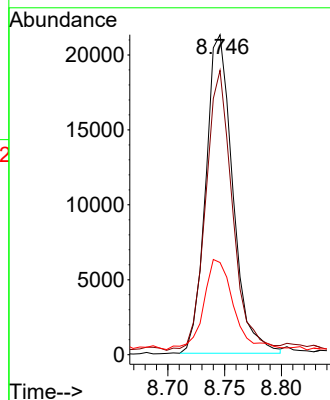
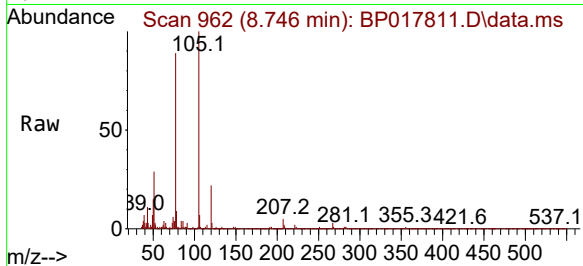




#16
Acetophenone
Concen: 2.835 ng/ul
RT: 8.746 min Scan# 961
Delta R.T. 0.000 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

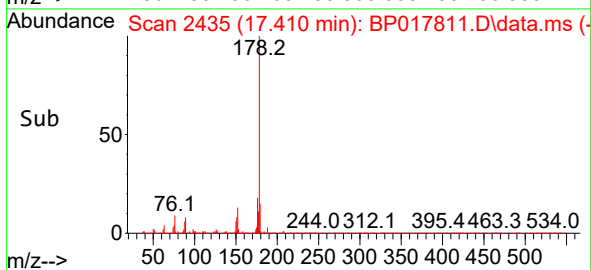
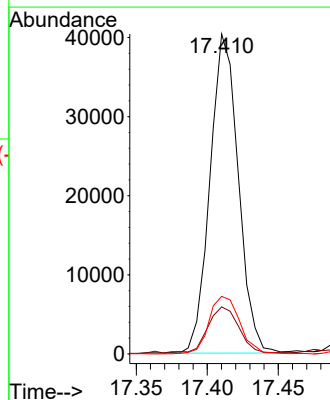
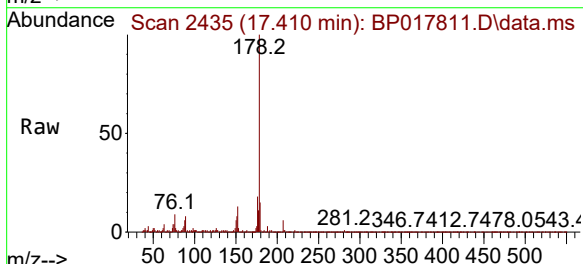
Instrument :
BNA_P
ClientSampleId :
EOAS0

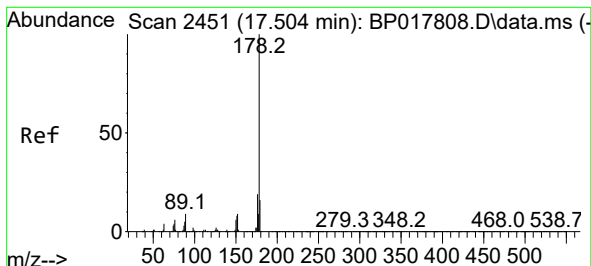
Tgt Ion:105 Resp: 35227
Ion Ratio Lower Upper
105 100
77 88.9 64.4 96.6
51 28.8 21.2 31.8



#72
Phenanthrene
Concen: 1.872 ng/ul
RT: 17.410 min Scan# 2435
Delta R.T. -0.012 min
Lab File: BP017811.D
Acq: 25 Oct 2023 20:24

Tgt Ion:178 Resp: 55913
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 18.0 15.3 22.9





#74

Anthracene

Concen: 1.849 ng/ul

RT: 17.410 min Scan# 2451

Delta R.T. -0.100 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Instrument :

BNA_P

ClientSampleId :

EOAS0

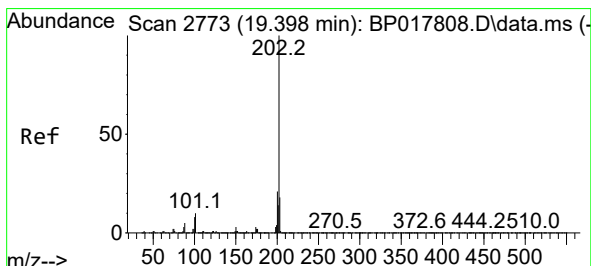
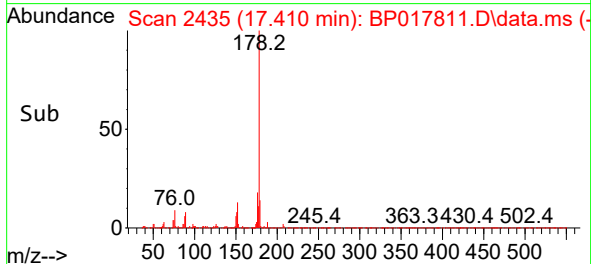
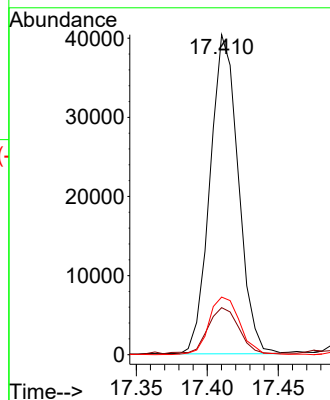
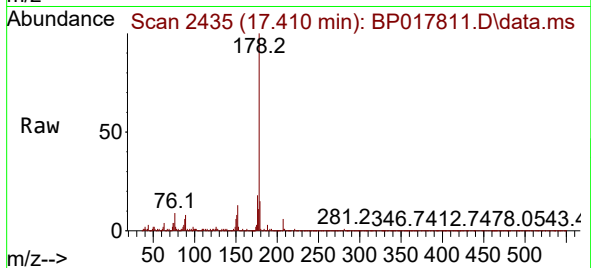
Tgt Ion:178 Resp: 55913

Ion Ratio Lower Upper

178 100

179 14.7 12.0 18.0

176 18.0 14.8 22.2



#80

Fluoranthene

Concen: 3.880 ng/ul

RT: 19.398 min Scan# 2773

Delta R.T. -0.006 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

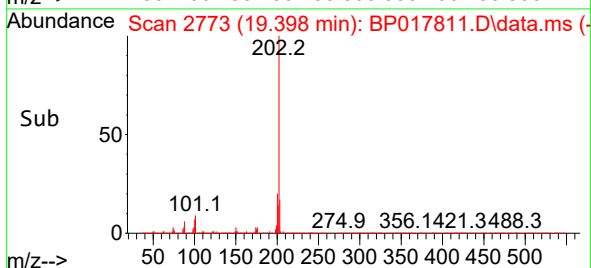
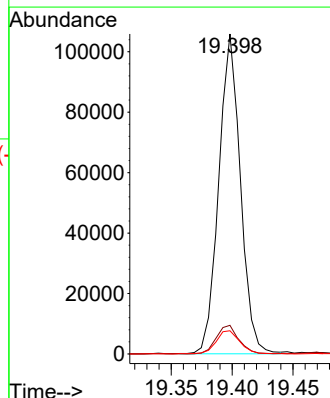
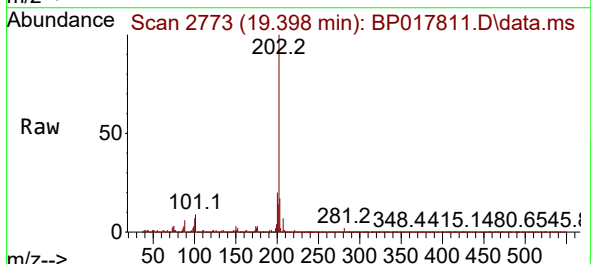
Tgt Ion:202 Resp: 131037

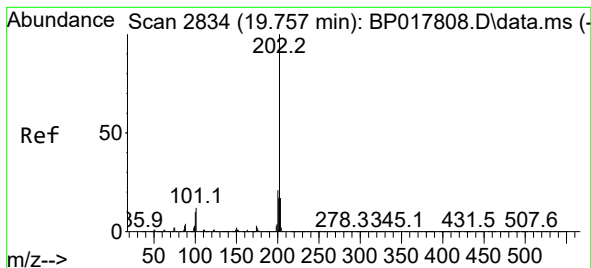
Ion Ratio Lower Upper

202 100

101 9.0 7.1 10.7

100 7.3 5.7 8.5





#82

Pyrene

Concen: 3.066 ng/ul

RT: 19.757 min Scan# 2834

Delta R.T. -0.006 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Instrument :

BNA_P

ClientSampleId :

EOAS0

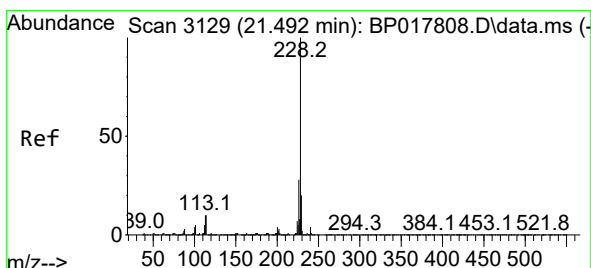
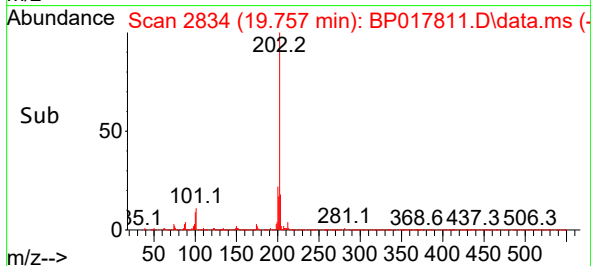
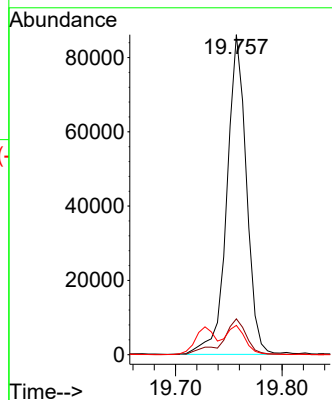
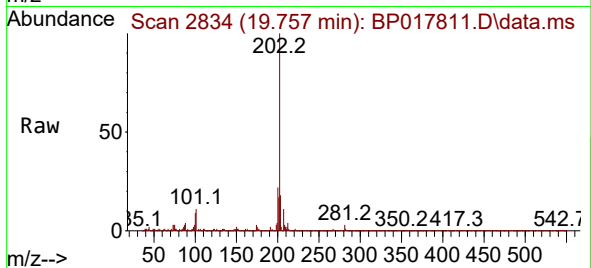
Tgt Ion:202 Resp: 109723

Ion Ratio Lower Upper

202 100

101 11.2 8.3 12.5

100 9.2 7.4 11.0



#85

Benzo(a)anthracene

Concen: 1.580 ng/ul

RT: 21.492 min Scan# 3129

Delta R.T. -0.006 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

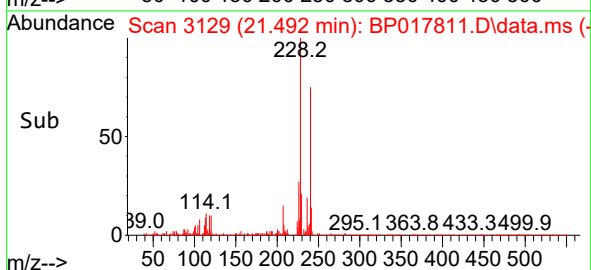
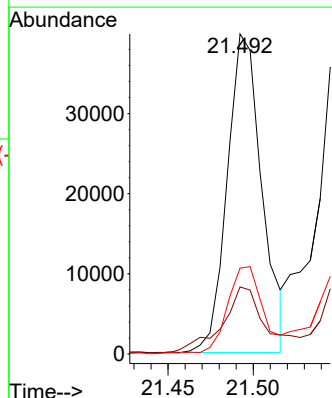
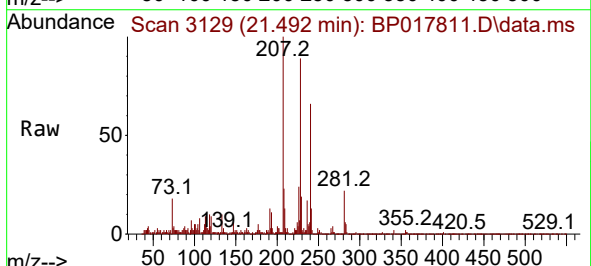
Tgt Ion:228 Resp: 56305

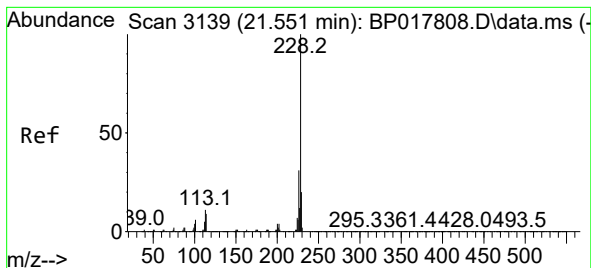
Ion Ratio Lower Upper

228 100

229 20.9 15.6 23.4

226 26.8 21.1 31.7





#87

Chrysene

Concen: 2.016 ng/ul

RT: 21.551 min Scan# 3139

Delta R.T. -0.006 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Instrument :

BNA_P

ClientSampleId :

EOAS0

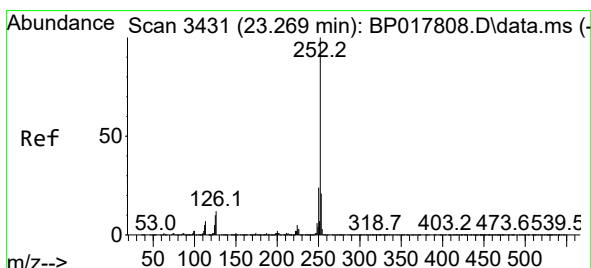
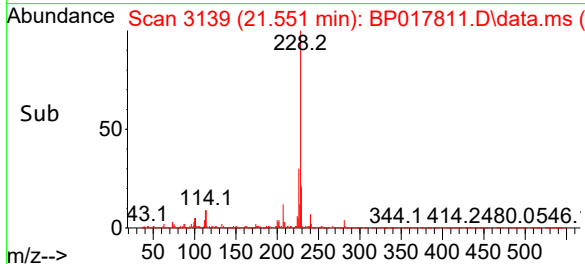
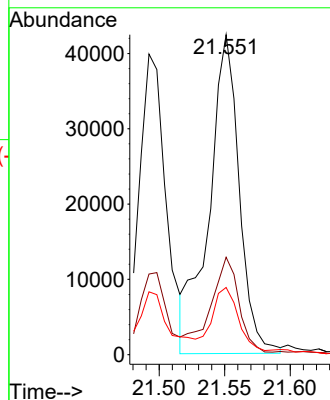
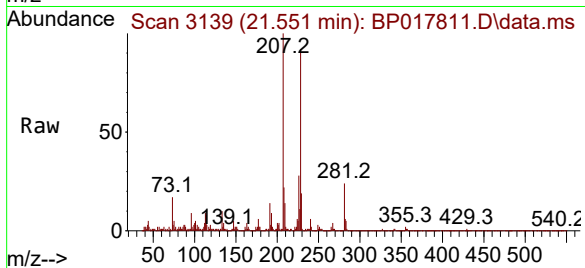
Tgt Ion:228 Resp: 67943

Ion Ratio Lower Upper

228 100

226 30.5 24.0 36.0

229 21.0 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 2.256 ng/ul

RT: 23.275 min Scan# 3432

Delta R.T. 0.000 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

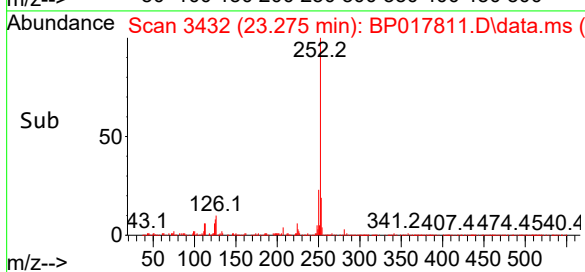
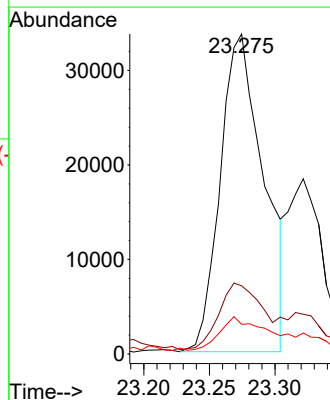
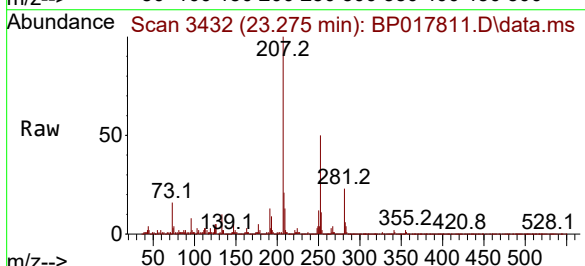
Tgt Ion:252 Resp: 77094

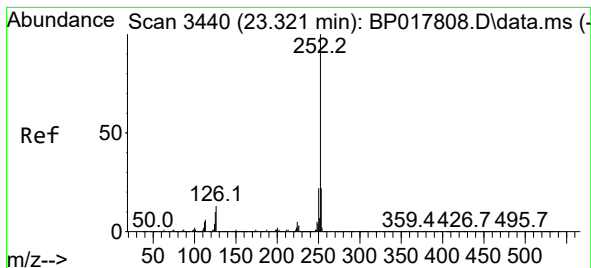
Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.0

125 9.2 7.1 10.7





#91

Benzo(k)fluoranthene

Concen: 2.226 ng/ul

RT: 23.275 min Scan# 3440

Delta R.T. -0.053 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Instrument :

BNA_P

ClientSampleId :

EOAS0

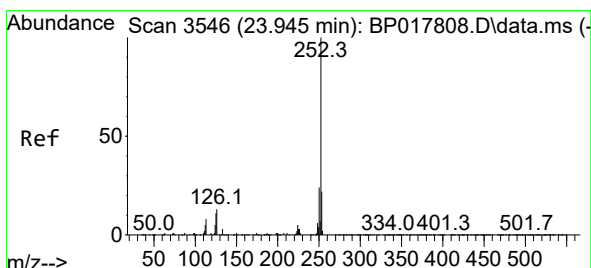
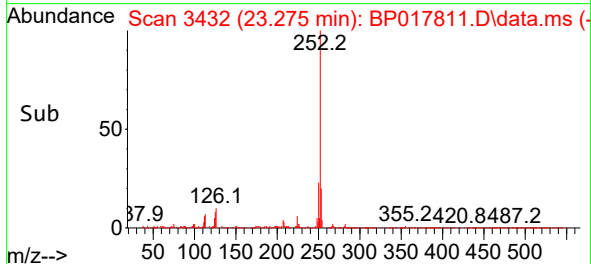
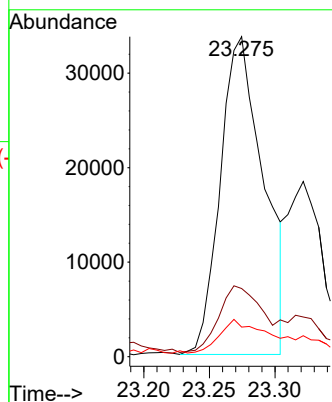
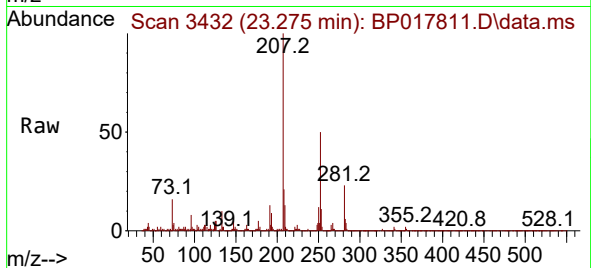
Tgt Ion:252 Resp: 77094

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 9.2 7.0 10.6



#93

Benzo(a)pyrene

Concen: 1.446 ng/ul

RT: 23.945 min Scan# 3546

Delta R.T. -0.012 min

Lab File: BP017811.D

Acq: 25 Oct 2023 20:24

Tgt Ion:252 Resp: 46396

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 13.3 7.8 11.6#

