

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015740.D
 Acq On : 27 Jun 2023 11:15
 Operator : MA/JU
 Sample : 03101-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEL7

Quant Time: Jun 28 03:18:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

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

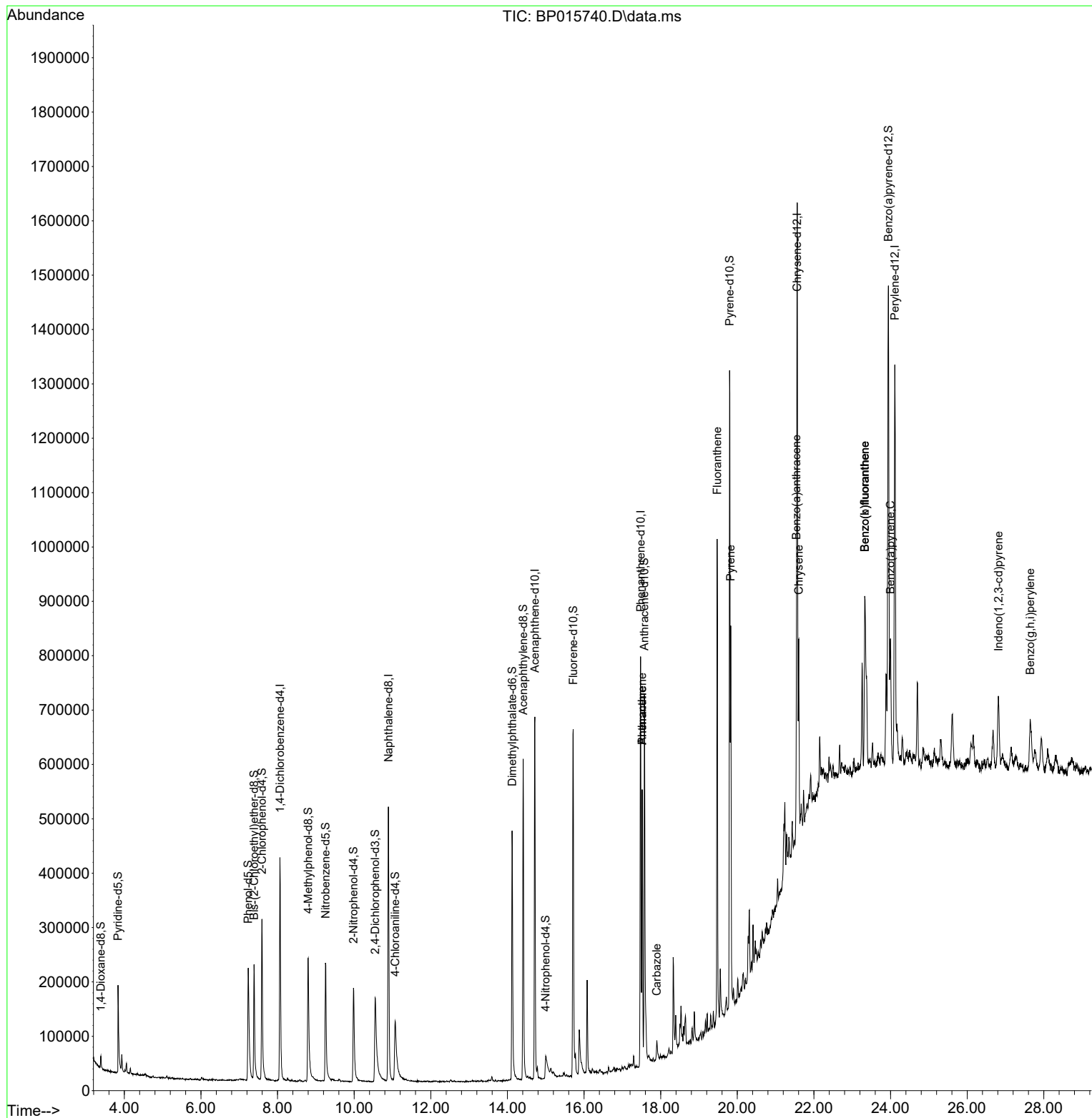
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	120172	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	440362	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	231169	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	456831	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	492142	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	629721	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	10562	3.162	ng/uL	0.00
4) Pyridine-d5	3.834	84	85416	10.145	ng/ul	0.00
7) Phenol-d5	7.234	99	161464	15.703	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	111645	17.551	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	139340	17.952	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	121109	14.910	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	58485	17.378	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	68108	17.340	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	109409	15.631	ng/ul	0.03
31) 4-Chloroaniline-d4	11.069	131	113098	12.578	ng/ul	0.03
46) Dimethylphthalate-d6	14.122	166	360480	20.175	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	403745	20.101	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	11640	4.937	ng/ul	0.05
60) Fluorene-d10	15.716	176	293913	19.978	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	16.004	200	78	0.028	ng/ul	0.15
73) Anthracene-d10	17.575	188	436690	20.927	ng/ul	0.00
81) Pyrene-d10	19.798	212	566508	17.629	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	698419	21.986	ng/ul	0.00
Target Compounds						Qvalue
72) Phenanthrene	17.516	178	296449	11.945	ng/ul	99
74) Anthracene	17.516	178	296449	11.888	ng/ul	98
77) Carbazole	17.898	167	24688	1.175	ng/ul	96
80) Fluoranthene	19.475	202	535944	13.419	ng/ul	99
82) Pyrene	19.827	202	410903	10.086	ng/ul	98
85) Benzo(a)anthracene	21.545	228	199248	5.755	ng/ul	98
87) Chrysene	21.604	228	228150	6.946	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	300028	7.415	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	300028	7.339	ng/ul	97
93) Benzo(a)pyrene	23.998	252	189204	5.351	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.815	276	143931	2.999	ng/ul	97
96) Benzo(g,h,i)perylene	27.645	276	126878	3.213	ng/ul	98

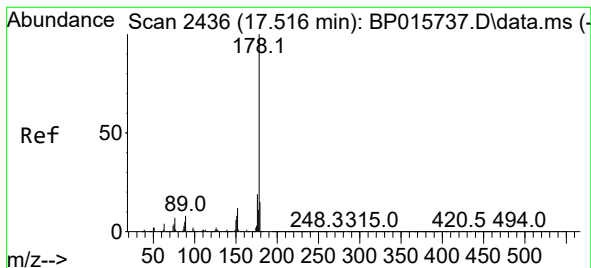
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
Data File : BP015740.D
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Misc :
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Instrument :
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Quant Time: Jun 28 03:18:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 27 00:56:58 2023
Response via : Initial Calibration





#72

Phenanthrene

Concen: 11.945 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

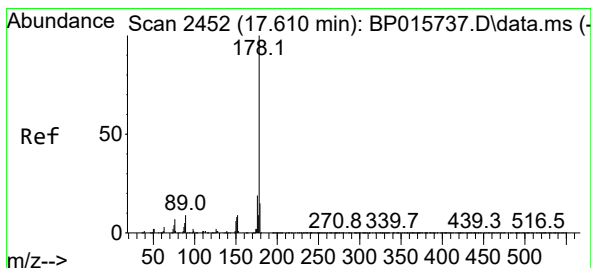
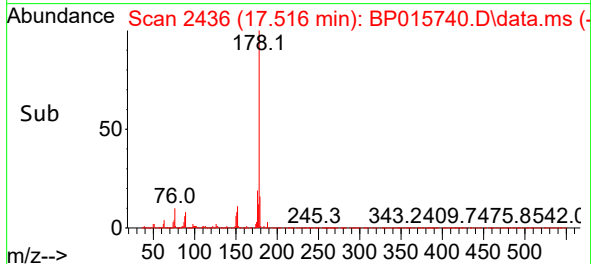
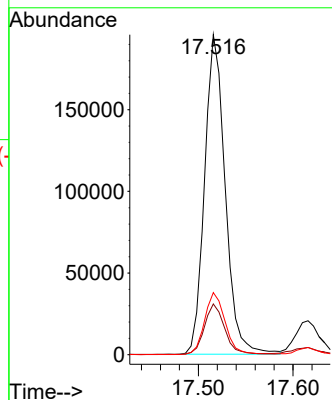
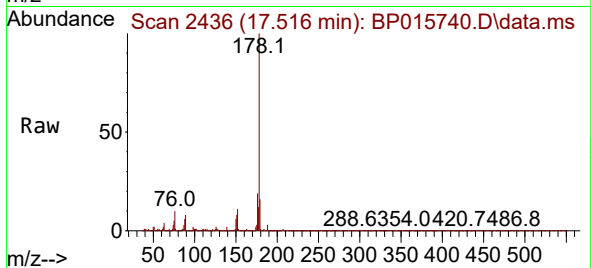
Tgt Ion:178 Resp: 296449

Ion Ratio Lower Upper

178 100

179 15.9 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 11.888 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.094 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

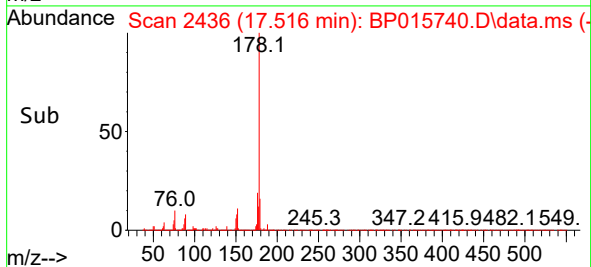
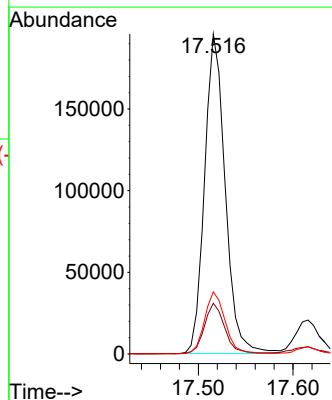
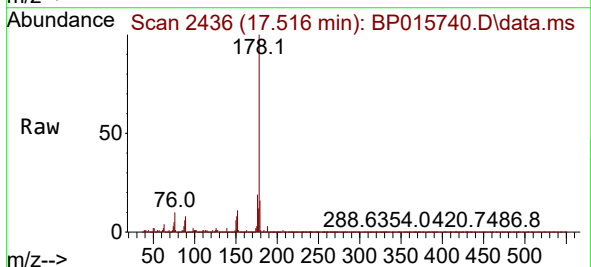
Tgt Ion:178 Resp: 296449

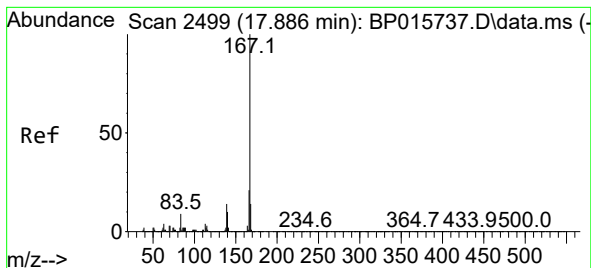
Ion Ratio Lower Upper

178 100

179 15.9 12.1 18.1

176 19.4 14.6 22.0





#77

Carbazole

Concen: 1.175 ng/ul

RT: 17.898 min Scan# 2499

Delta R.T. 0.012 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

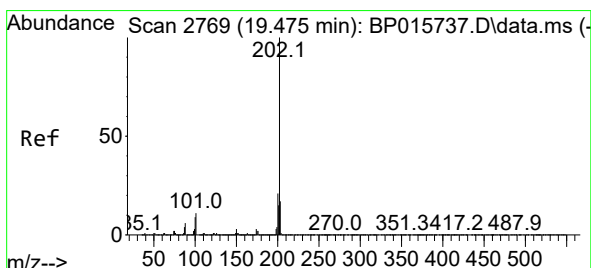
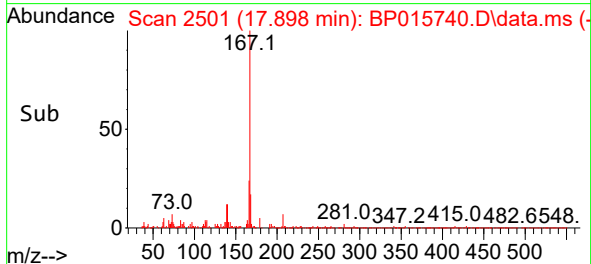
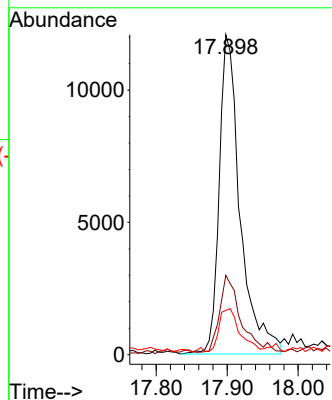
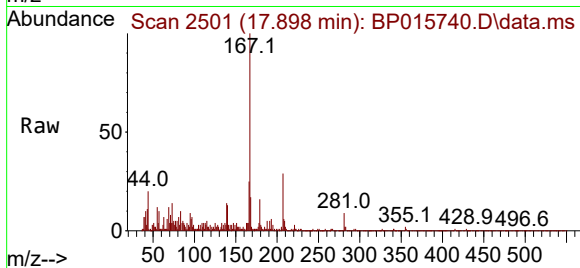
Tgt Ion:167 Resp: 24688

Ion Ratio Lower Upper

167 100

166 24.8 17.4 26.0

139 13.8 11.0 16.4



#80

Fluoranthene

Concen: 13.419 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

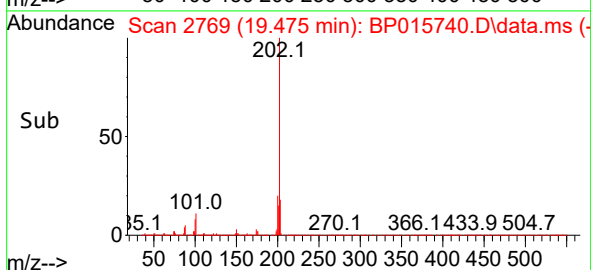
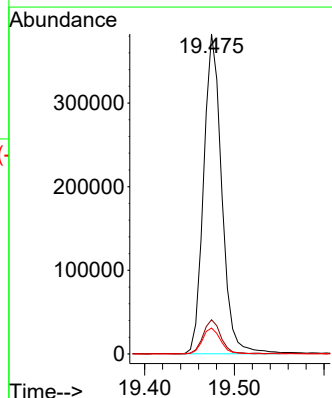
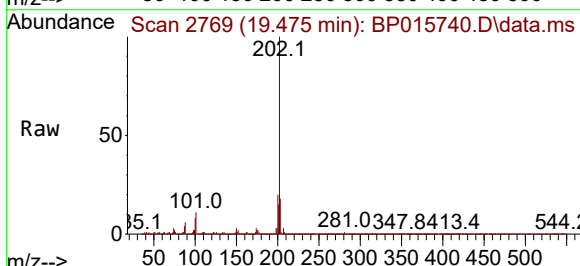
Tgt Ion:202 Resp: 535944

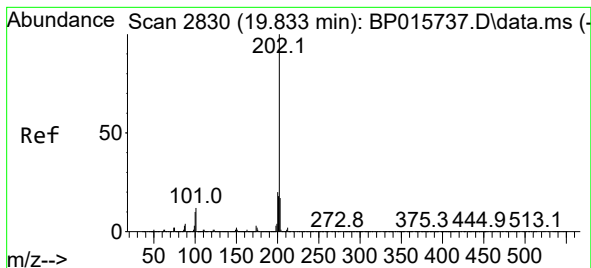
Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

100 8.1 6.6 9.8





#82

Pyrene

Concen: 10.086 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

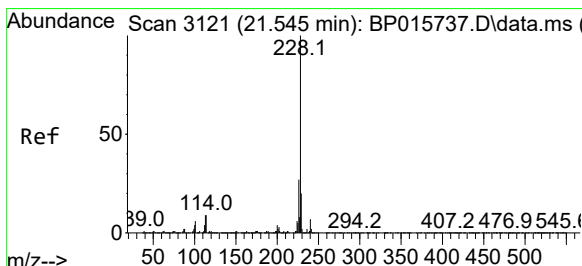
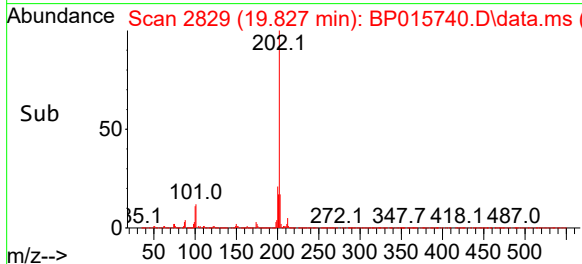
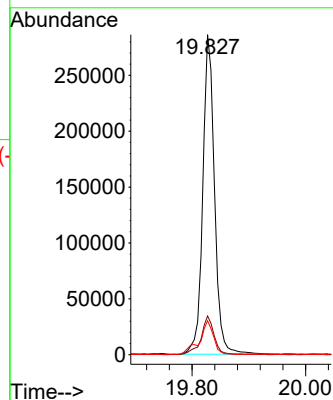
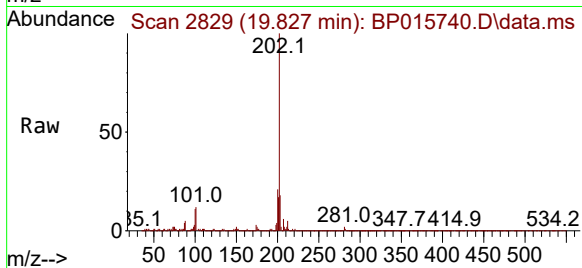
Tgt Ion:202 Resp: 410903

Ion Ratio Lower Upper

202 100

101 12.1 9.3 13.9

100 10.6 7.6 11.4



#85

Benzo(a)anthracene

Concen: 5.755 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

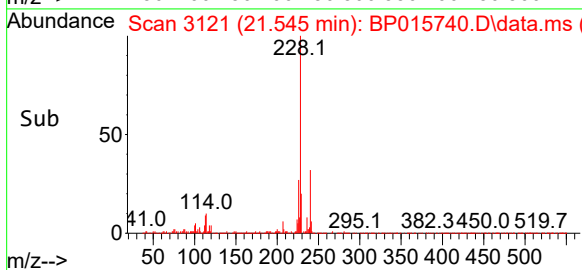
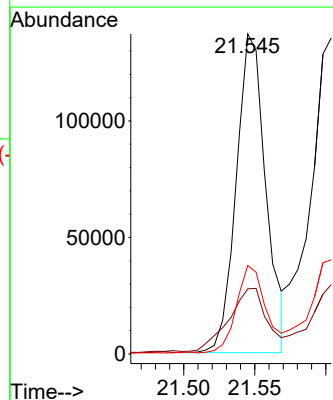
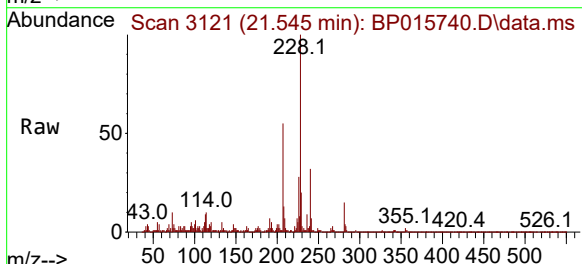
Tgt Ion:228 Resp: 199248

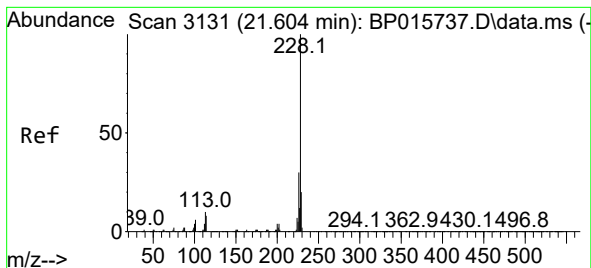
Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

226 27.6 21.4 32.0





#87

Chrysene

Concen: 6.946 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

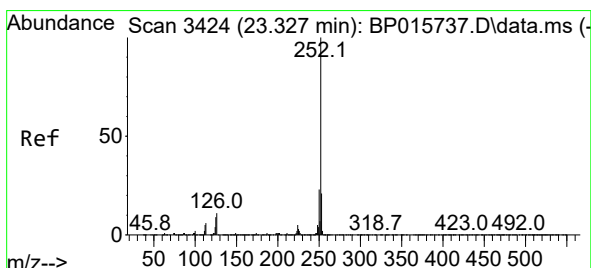
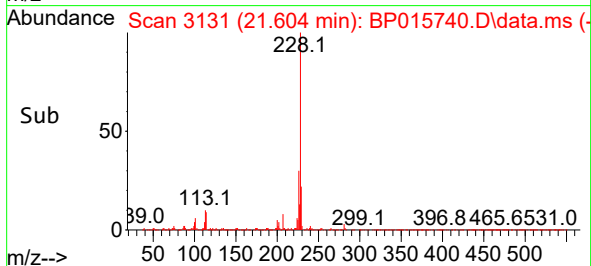
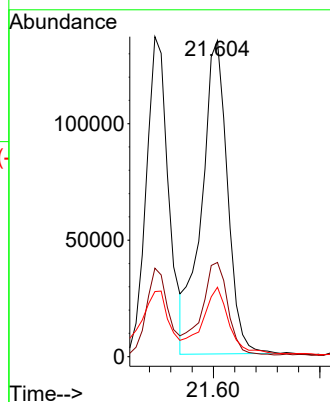
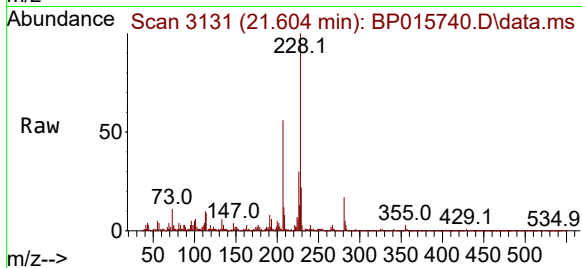
Tgt Ion:228 Resp: 228150

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 22.0 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 7.415 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

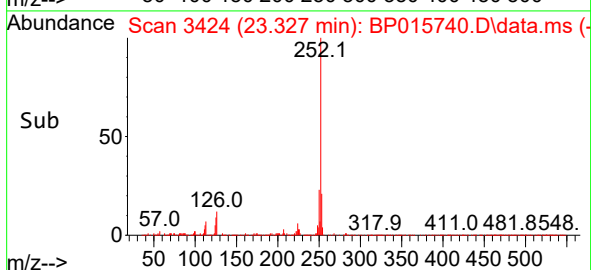
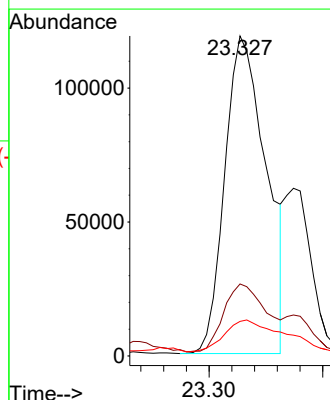
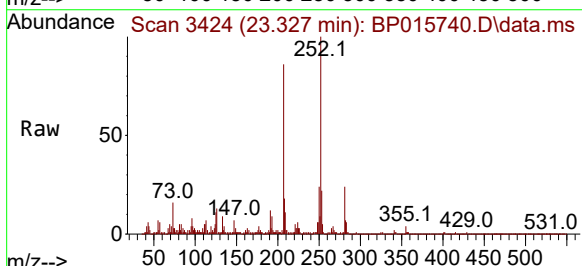
Tgt Ion:252 Resp: 300028

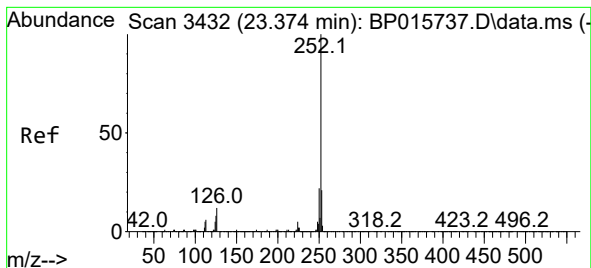
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.8 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 7.339 ng/ul

RT: 23.327 min Scan# 3432

Delta R.T. -0.053 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

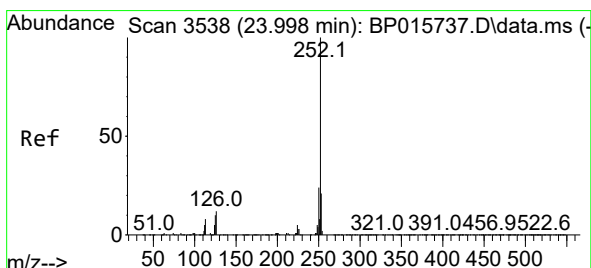
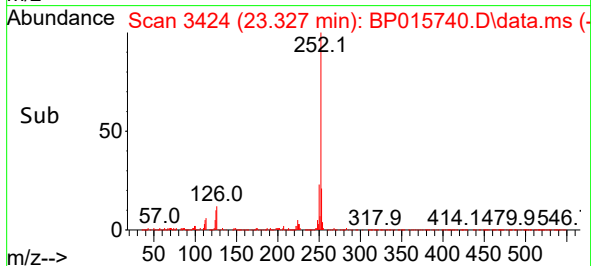
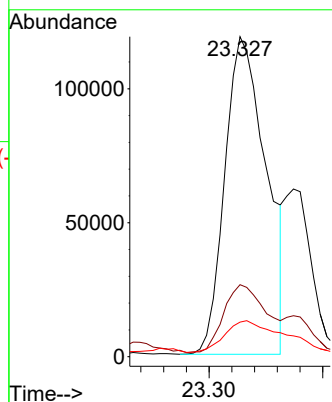
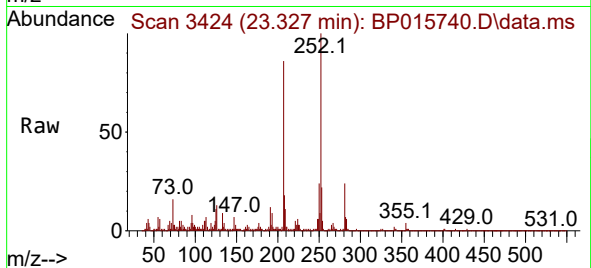
Tgt Ion:252 Resp: 300028

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 10.8 7.3 10.9



#93

Benzo(a)pyrene

Concen: 5.351 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

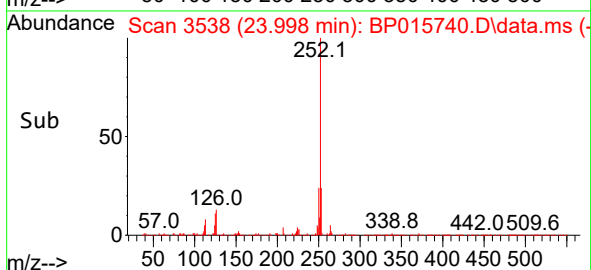
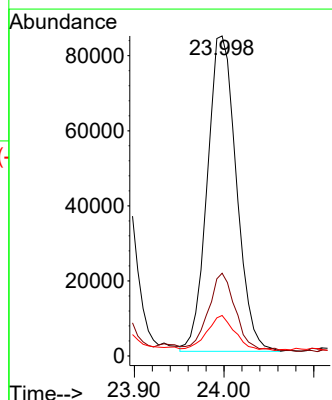
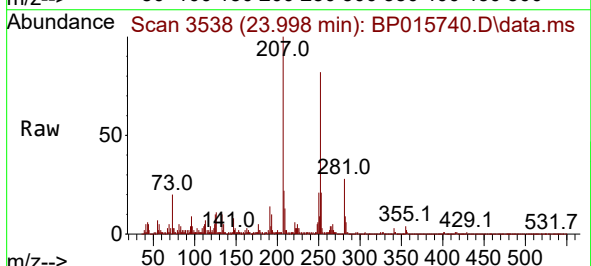
Tgt Ion:252 Resp: 189204

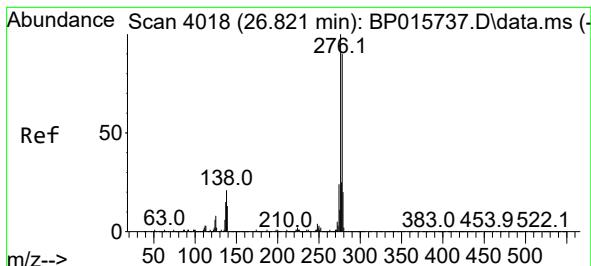
Ion Ratio Lower Upper

252 100

253 25.8 17.7 26.5

125 12.6 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.999 ng/ul

RT: 26.815 min Scan# 4018

Delta R.T. 0.000 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Instrument :

BNA_P

ClientSampleId :

EZEL7

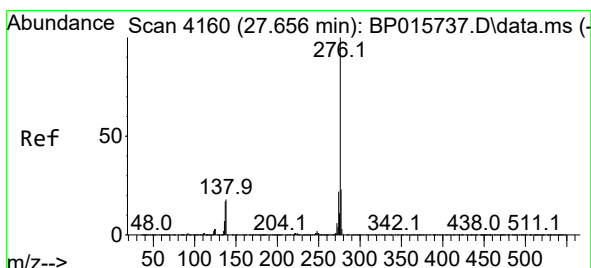
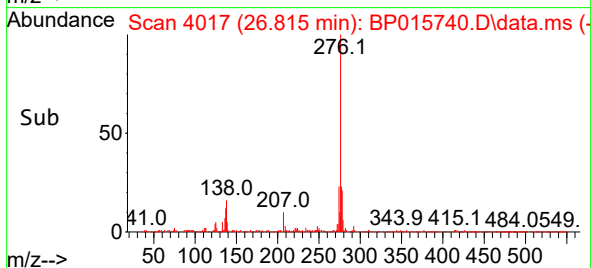
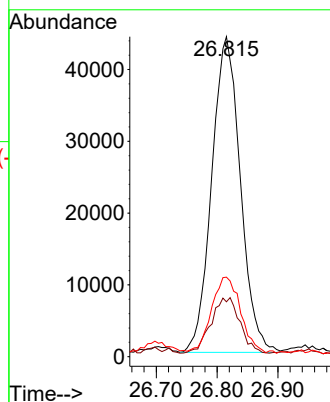
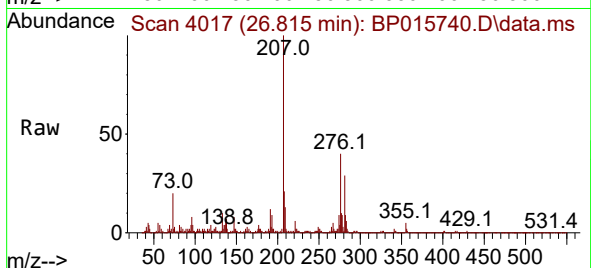
Tgt Ion:276 Resp: 143931

Ion Ratio Lower Upper

276 100

138 17.2 15.7 23.5

277 24.9 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 3.213 ng/ul

RT: 27.645 min Scan# 4158

Delta R.T. -0.012 min

Lab File: BP015740.D

Acq: 27 Jun 2023 11:15

Tgt Ion:276 Resp: 126878

Ion Ratio Lower Upper

276 100

138 18.9 15.1 22.7

277 24.8 18.8 28.2

