

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015739.D
 Acq On : 27 Jun 2023 10:42
 Operator : MA/JU
 Sample : 03101-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZEL6

Quant Time: Jun 28 03:17:52 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)

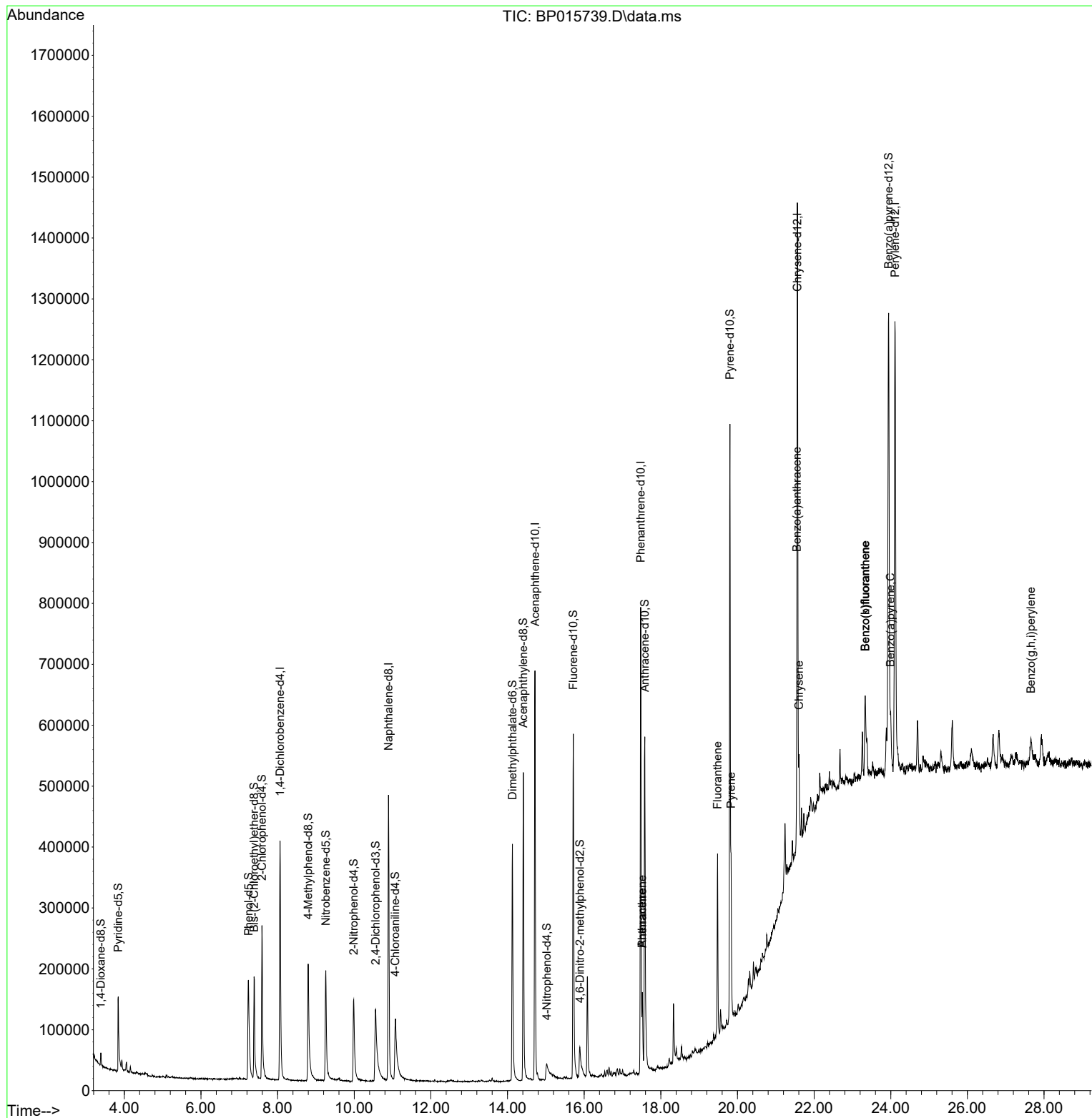
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	118060	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	428076	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	234393	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	484122	20.000	ng/u1	0.00
79) Chrysene-d12	21.563	240	526111	20.000	ng/u1	0.00
88) Perylene-d12	24.110	264	655063	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	9792	2.984	ng/uL	0.00
4) Pyridine-d5	3.840	84	73089	8.836	ng/u1	0.01
7) Phenol-d5	7.240	99	142763	14.133	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	93034	14.887	ng/u1	0.00
11) 2-Chlorophenol-d4	7.593	132	119721	15.701	ng/u1	0.00
15) 4-Methylphenol-d8	8.799	113	102565	12.853	ng/u1	0.01
21) Nitrobenzene-d5	9.258	128	49157	15.026	ng/u1	0.01
24) 2-Nitrophenol-d4	9.987	143	57851	15.151	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.557	165	91828	13.496	ng/u1	0.04
31) 4-Chloroaniline-d4	11.069	131	104770	11.987	ng/u1	0.03
46) Dimethylphthalate-d6	14.128	166	303525	16.754	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	347092	17.043	ng/u1	0.00
54) 4-Nitrophenol-d4	15.028	143	11646	4.871	ng/u1	0.08
60) Fluorene-d10	15.716	176	257210	17.242	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.887	200	22642	7.605	ng/u1	0.03
73) Anthracene-d10	17.581	188	378929	17.135	ng/u1	0.00
81) Pyrene-d10	19.804	212	523394	15.235	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	620801	18.787	ng/u1	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.516	178	68477	2.604	ng/u1	99
74) Anthracene	17.516	178	69081	2.614	ng/u1	98
80) Fluoranthene	19.480	202	178507	4.181	ng/u1	98
82) Pyrene	19.833	202	151403	3.476	ng/u1	98
85) Benzo(a)anthracene	21.551	228	70298	1.899	ng/u1	96
87) Chrysene	21.604	228	84519	2.407	ng/u1	97
90) Benzo(b)fluoranthene	23.333	252	120410	2.861	ng/u1	98
91) Benzo(k)fluoranthene	23.333	252	120410	2.831	ng/u1	97
93) Benzo(a)pyrene	23.998	252	74164	2.017	ng/u1#	92
96) Benzo(g,h,i)perylene	27.657	276	62702	1.527	ng/u1	94

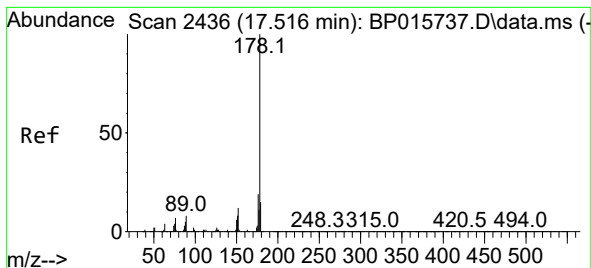
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 2.604 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

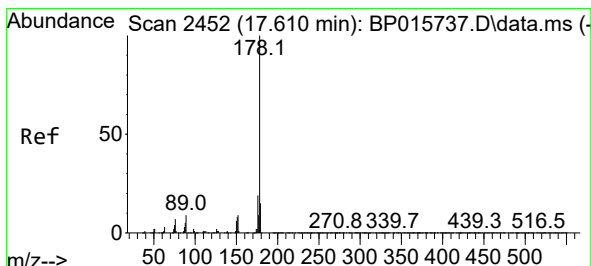
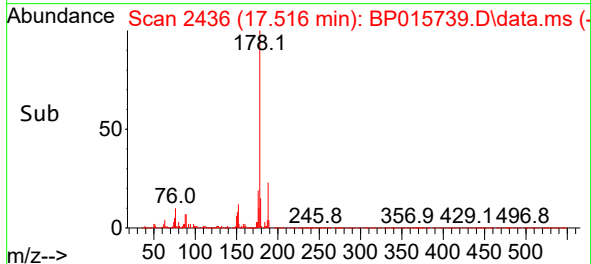
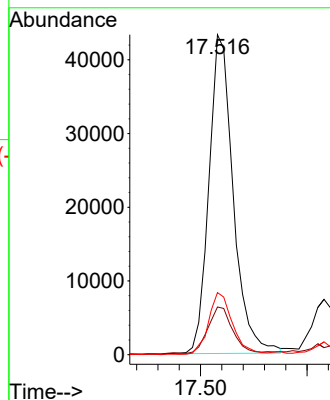
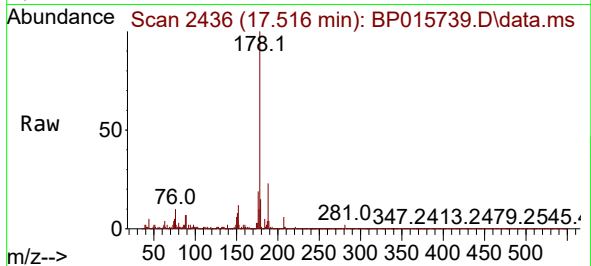
Tgt Ion:178 Resp: 68477

Ion Ratio Lower Upper

178 100

179 14.9 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 2.614 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. -0.094 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

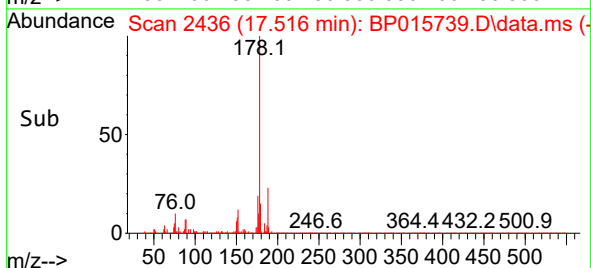
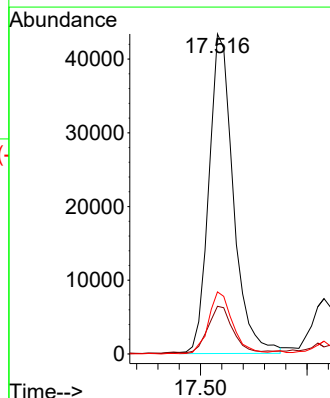
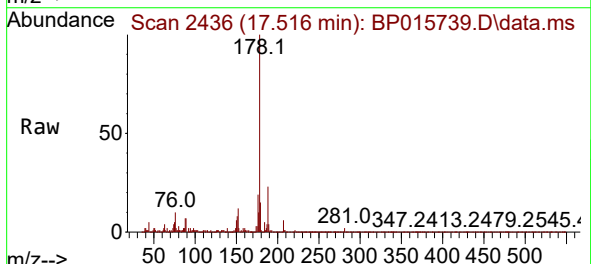
Tgt Ion:178 Resp: 69081

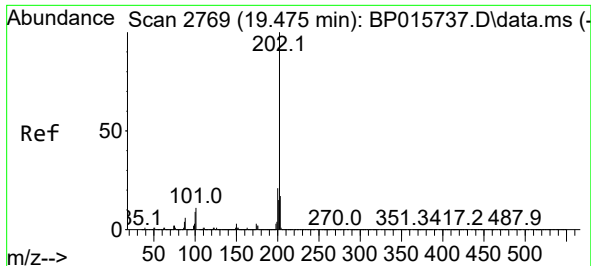
Ion Ratio Lower Upper

178 100

179 14.9 12.1 18.1

176 19.4 14.6 22.0

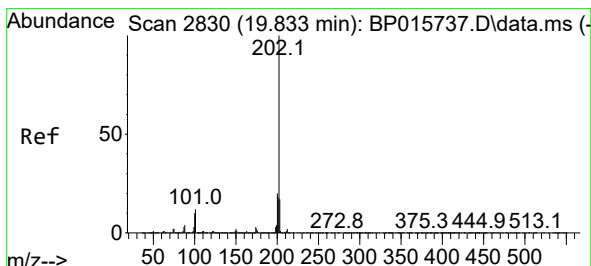
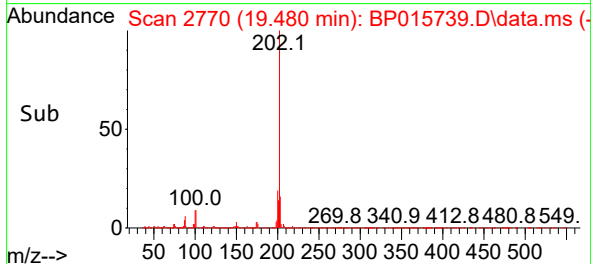
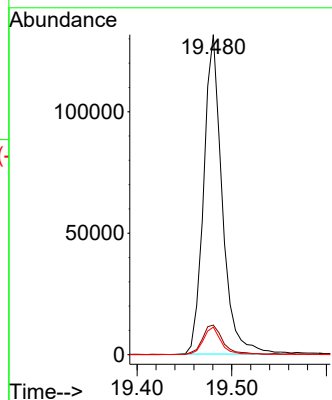
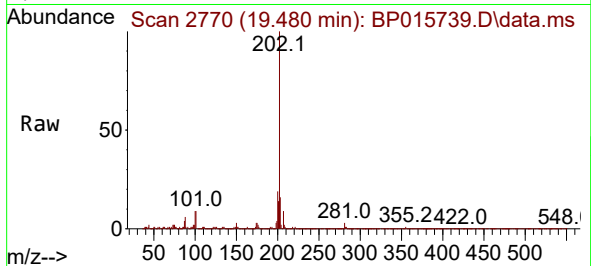




#80
Fluoranthene
Concen: 4.181 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

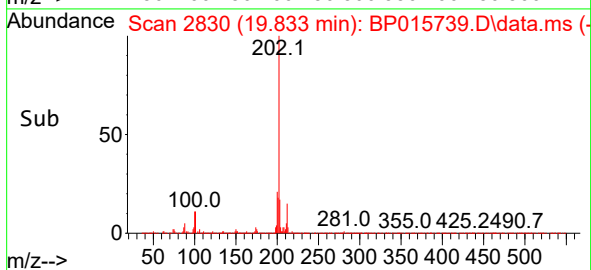
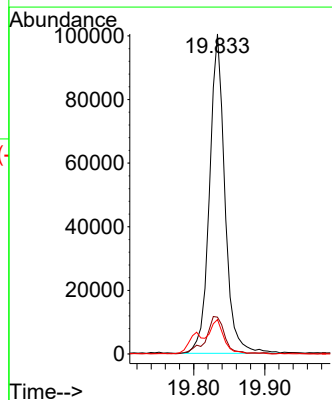
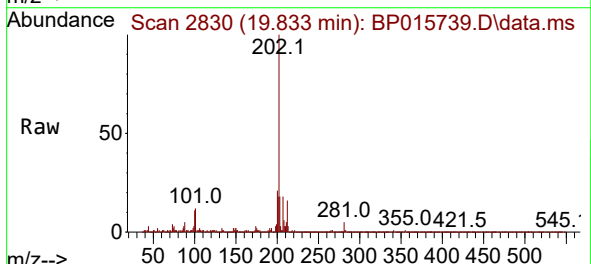
Instrument :
BNA_P
ClientSampleId :
EZEL6

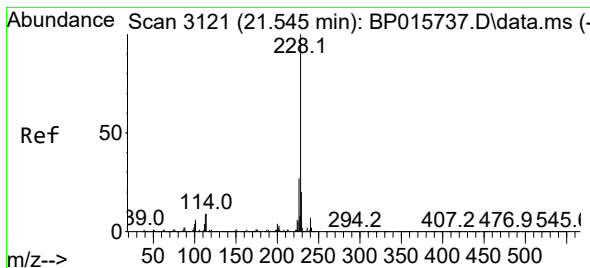
Tgt Ion:202 Resp: 178507
Ion Ratio Lower Upper
202 100
101 9.3 8.3 12.5
100 8.6 6.6 9.8



#82
Pyrene
Concen: 3.476 ng/ul
RT: 19.833 min Scan# 2830
Delta R.T. 0.000 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

Tgt Ion:202 Resp: 151403
Ion Ratio Lower Upper
202 100
101 11.5 9.3 13.9
100 10.7 7.6 11.4





#85

Benzo(a)anthracene

Concen: 1.899 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

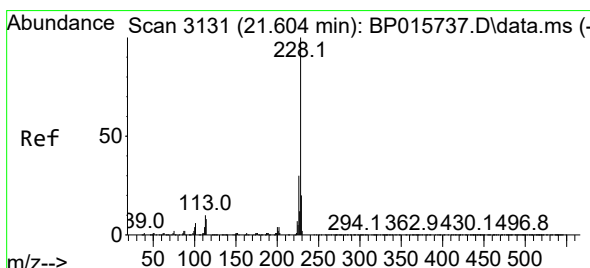
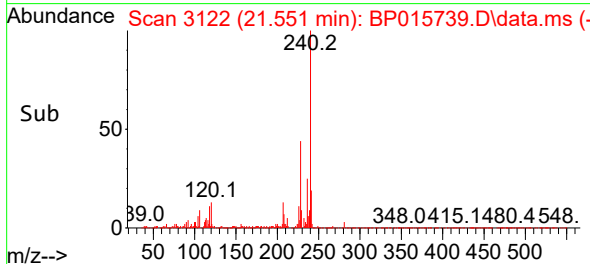
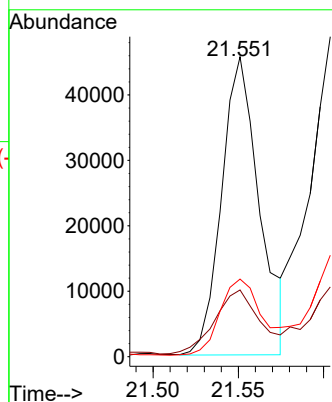
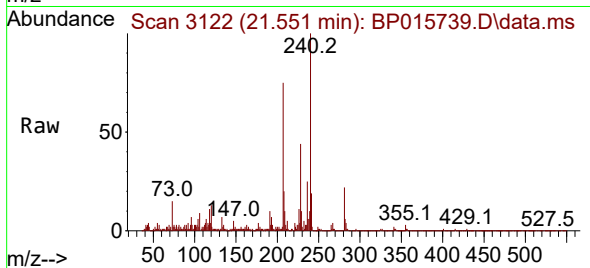
Tgt Ion:228 Resp: 70298

Ion Ratio Lower Upper

228 100

229 22.2 15.3 22.9

226 25.9 21.4 32.0



#87

Chrysene

Concen: 2.407 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

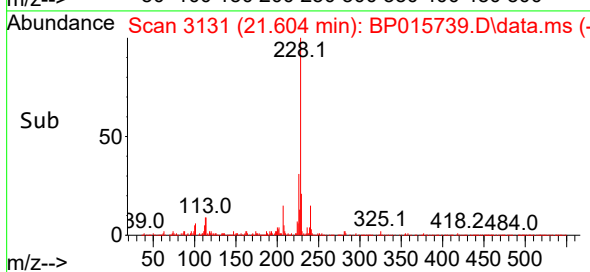
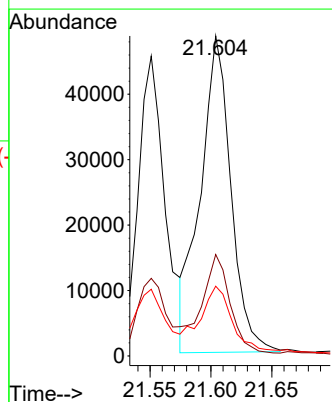
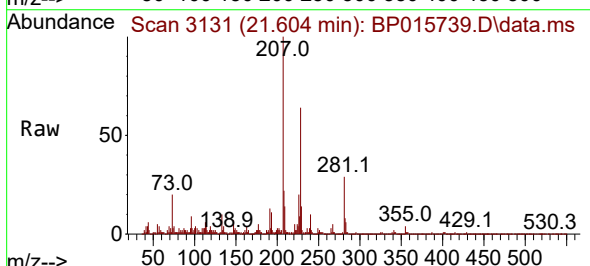
Tgt Ion:228 Resp: 84519

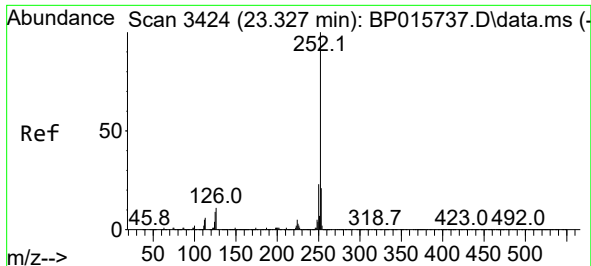
Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 21.8 15.5 23.3

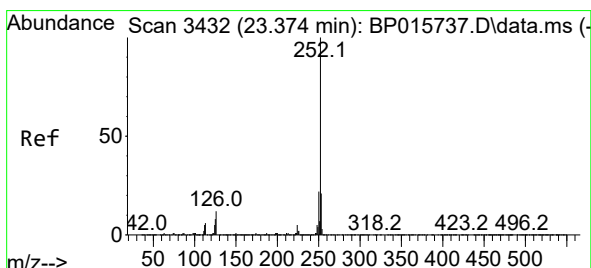
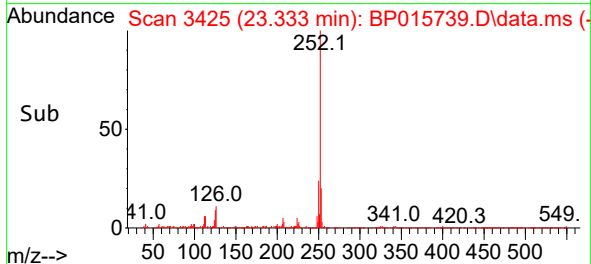
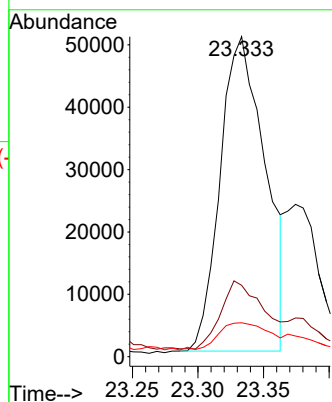
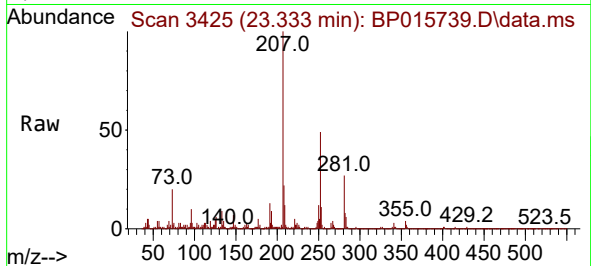




#90
Benzo(b)fluoranthene
Concen: 2.861 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. 0.006 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

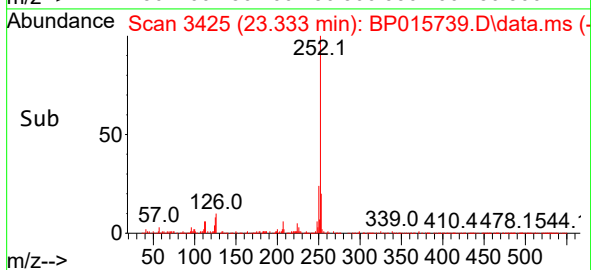
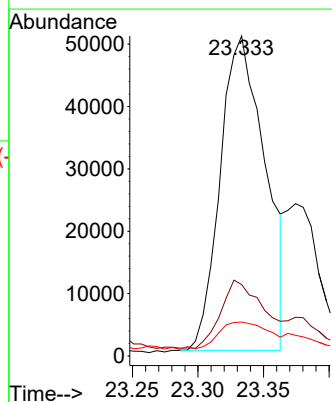
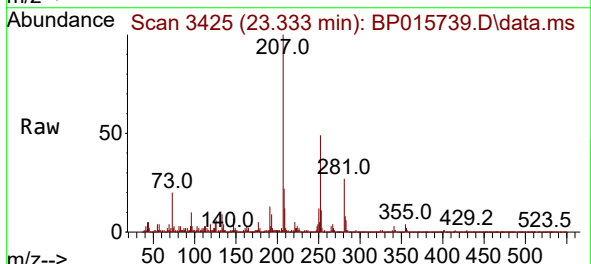
Instrument :
BNA_P
ClientSampleId :
EZEL6

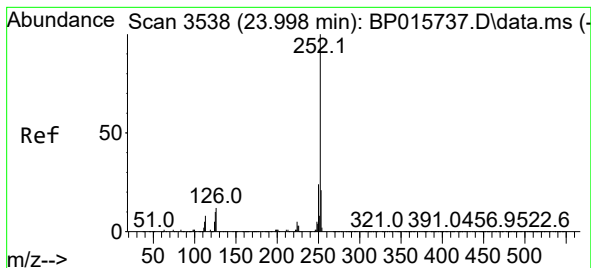
Tgt Ion:252 Resp: 120410
Ion Ratio Lower Upper
252 100
253 22.3 17.3 25.9
125 10.6 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 2.831 ng/ul
RT: 23.333 min Scan# 3425
Delta R.T. -0.047 min
Lab File: BP015739.D
Acq: 27 Jun 2023 10:42

Tgt Ion:252 Resp: 120410
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 10.6 7.3 10.9





#93

Benzo(a)pyrene

Concen: 2.017 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Instrument :

BNA_P

ClientSampleId :

EZEL6

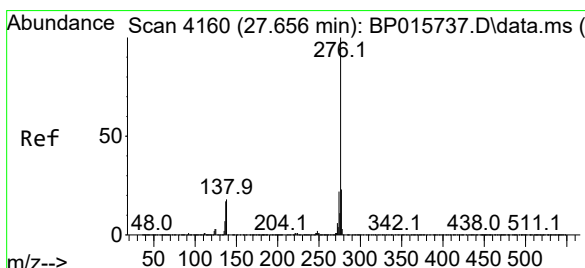
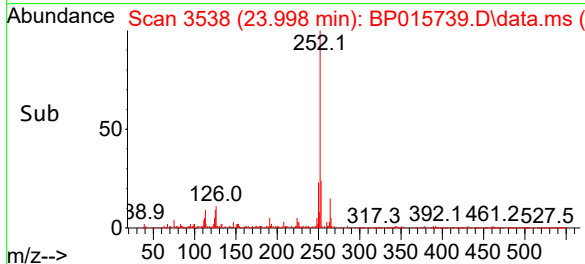
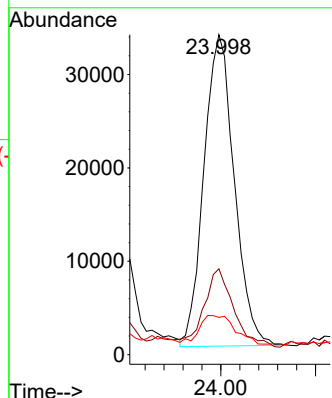
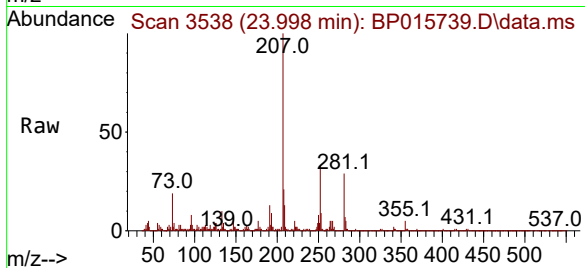
Tgt Ion:252 Resp: 74164

Ion Ratio Lower Upper

252 100

253 26.9 17.7 26.5#

125 11.6 8.2 12.2



#96

Benzo(g,h,i)perylene

Concen: 1.527 ng/ul

RT: 27.657 min Scan# 4160

Delta R.T. 0.000 min

Lab File: BP015739.D

Acq: 27 Jun 2023 10:42

Tgt Ion:276 Resp: 62702

Ion Ratio Lower Upper

276 100

138 21.3 15.1 22.7

277 26.4 18.8 28.2

