

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015742.D
 Acq On : 27 Jun 2023 12:23
 Operator : MA/JU
 Sample : 03084-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jun 27 22:10:09 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)

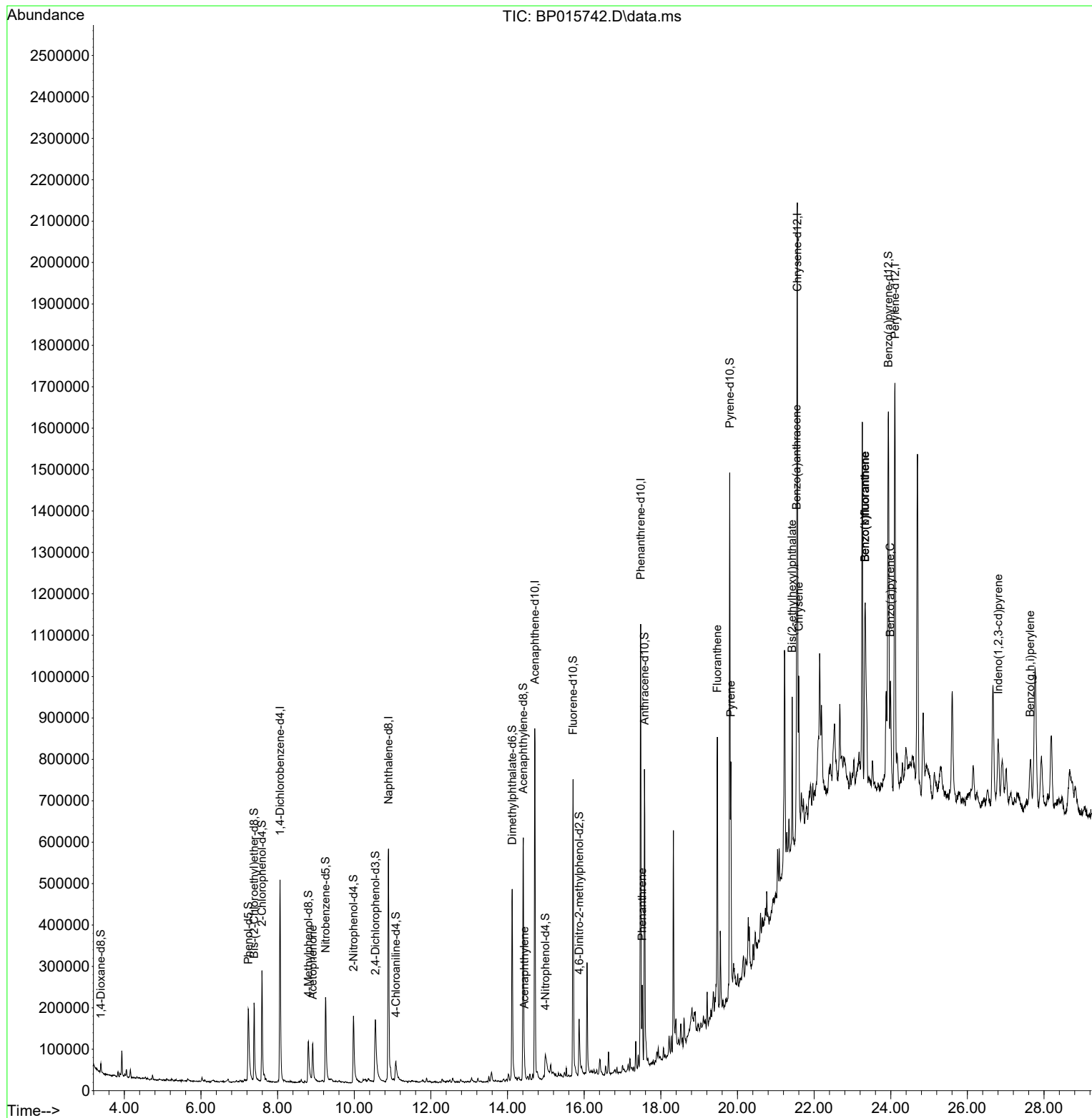
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	137625	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	502203	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	284932	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	642060	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	667037	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	822048	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	9811	2.565	ng/uL	0.00
4) Pyridine-d5	3.834	84	141	0.015	ng/ul	0.00
7) Phenol-d5	7.234	99	134047	11.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	97950	13.445	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	127205	14.311	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	57984	6.233	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	53772	14.010	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	60703	13.551	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.552	165	96227	12.055	ng/ul	0.03
31) 4-Chloroaniline-d4	11.087	131	49076	4.786	ng/ul	0.05
46) Dimethylphthalate-d6	14.122	166	341504	15.507	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	390188	15.761	ng/ul	0.00
54) 4-Nitrophenol-d4	14.987	143	26828	9.231	ng/ul	0.04
60) Fluorene-d10	15.710	176	295107	16.274	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	39749	10.067	ng/ul	0.01
73) Anthracene-d10	17.575	188	429908	14.659	ng/ul	0.00
81) Pyrene-d10	19.798	212	610054	14.006	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	657319	15.851	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.916	105	54946	3.593	ng/ul	99
50) Acenaphthylene	14.440	152	29756	1.091	ng/ul	96
72) Phenanthrene	17.516	178	112869	3.236	ng/ul	98
80) Fluoranthene	19.475	202	373851	6.906	ng/ul	99
82) Pyrene	19.828	202	311418	5.640	ng/ul	97
85) Benzo(a)anthracene	21.545	228	196043	4.178	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	116030	3.748	ng/ul	99
87) Chrysene	21.598	228	228100	5.124	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	352913	6.681	ng/ul#	96
91) Benzo(k)fluoranthene	23.327	252	352913	6.613	ng/ul#	95
93) Benzo(a)pyrene	23.992	252	215574	4.671	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.804	276	189432	3.023	ng/ul	98
96) Benzo(g,h,i)perylene	27.639	276	180142	3.495	ng/ul	96

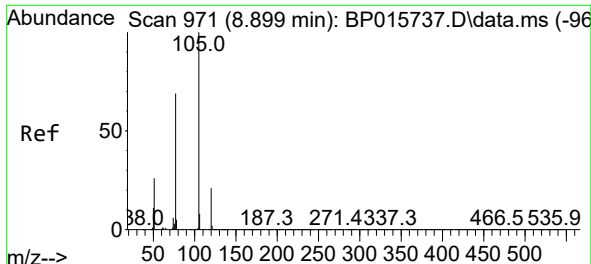
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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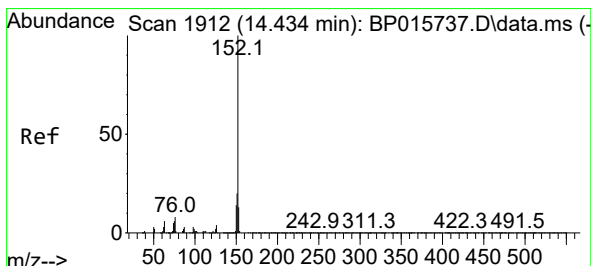
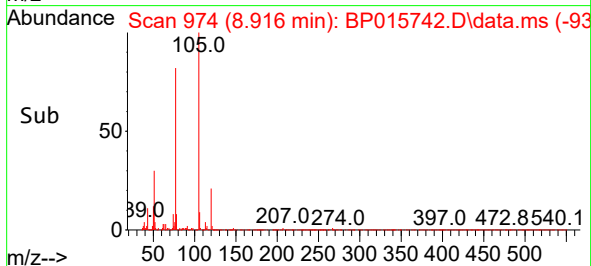
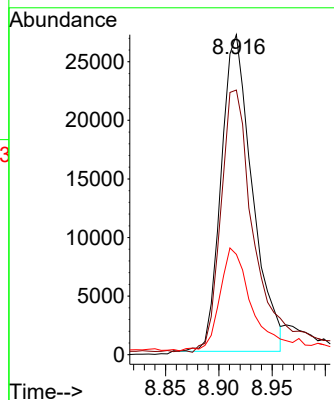
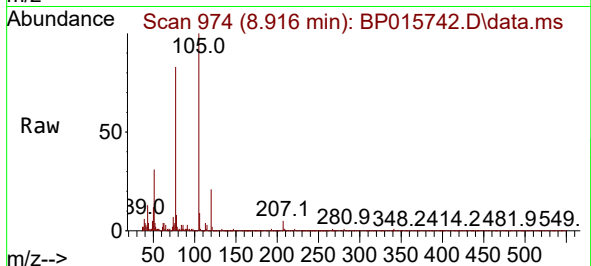




#16
Acetophenone
Concen: 3.593 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

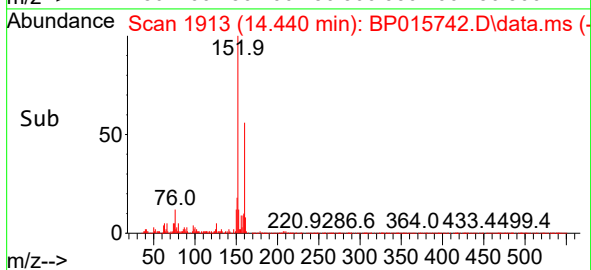
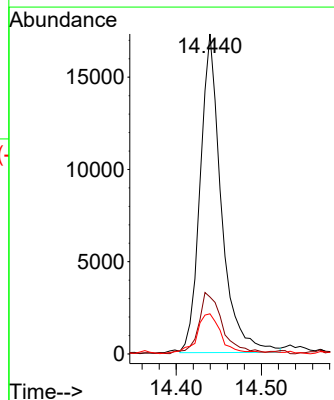
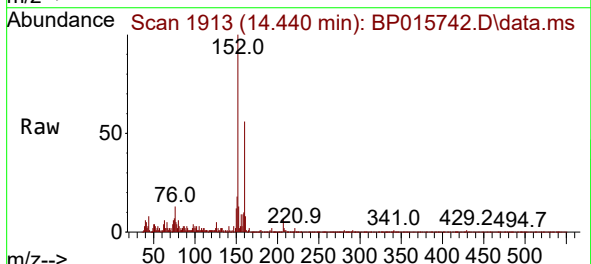
Instrument :
BNA_P
ClientSampleId :

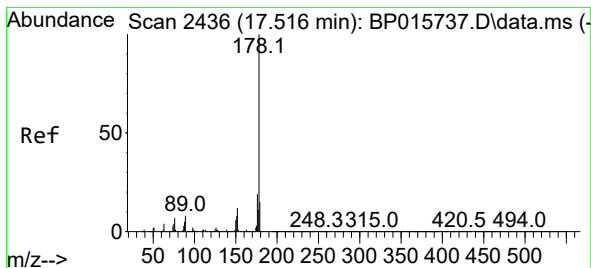
Tgt Ion:105 Resp: 54946
Ion Ratio Lower Upper
105 100
77 82.7 65.0 97.4
51 31.4 25.1 37.7



#50
Acenaphthylene
Concen: 1.091 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

Tgt Ion:152 Resp: 29756
Ion Ratio Lower Upper
152 100
151 17.8 16.2 24.2
153 12.5 10.5 15.7





#72

Phenanthrene

Concen: 3.236 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

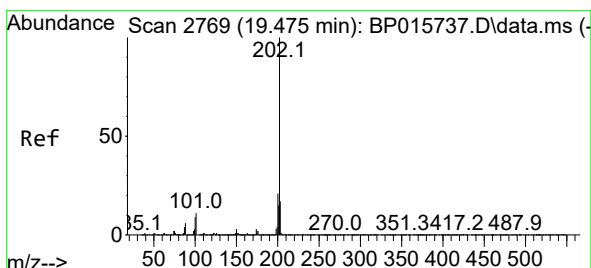
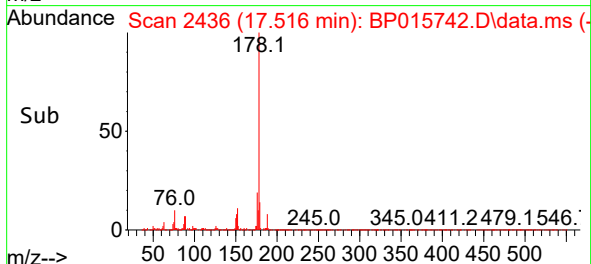
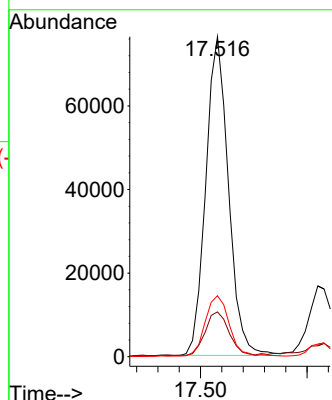
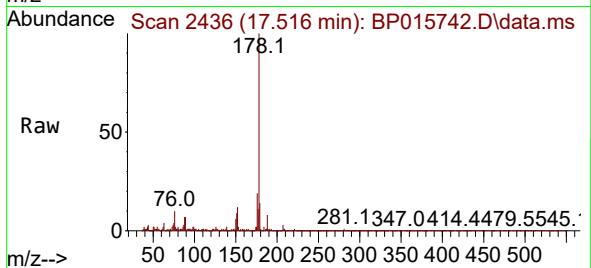
Tgt Ion:178 Resp: 112869

Ion Ratio Lower Upper

178 100

179 14.0 12.4 18.6

176 19.0 15.6 23.4



#80

Fluoranthene

Concen: 6.906 ng/ul

RT: 19.475 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

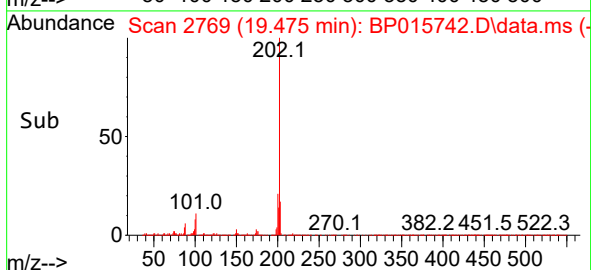
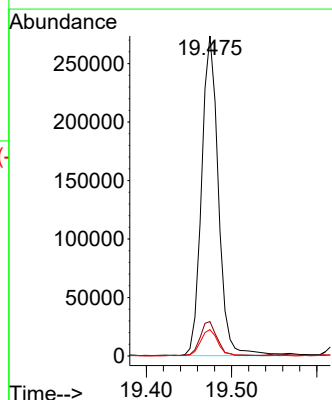
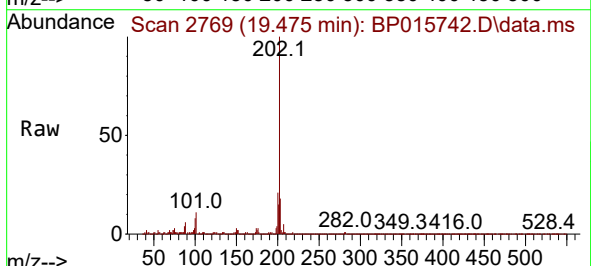
Tgt Ion:202 Resp: 373851

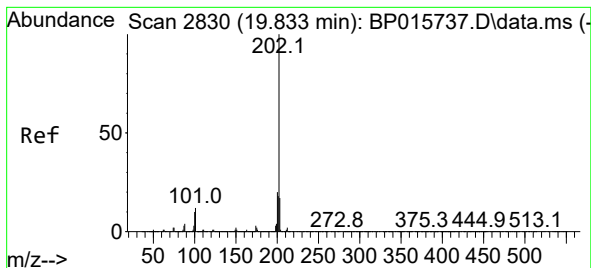
Ion Ratio Lower Upper

202 100

101 10.8 8.3 12.5

100 8.2 6.6 9.8





#82

Pyrene

Concen: 5.640 ng/ul

RT: 19.828 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

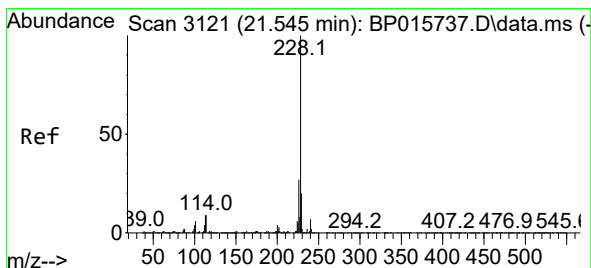
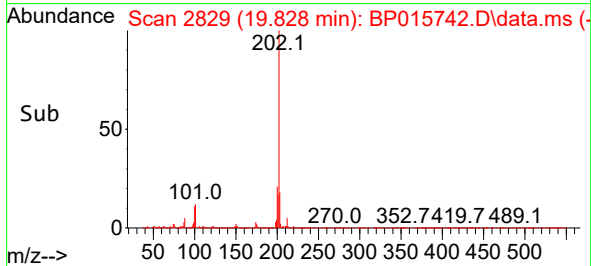
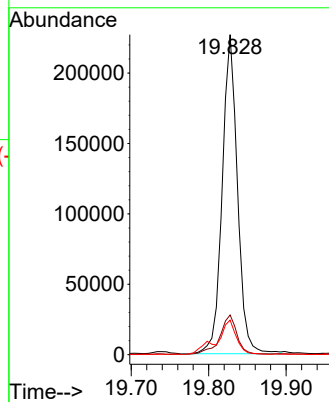
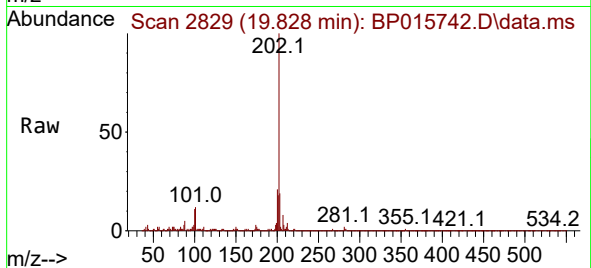
Tgt Ion:202 Resp: 311418

Ion Ratio Lower Upper

202 100

101 12.4 9.3 13.9

100 10.8 7.6 11.4



#85

Benzo(a)anthracene

Concen: 4.178 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

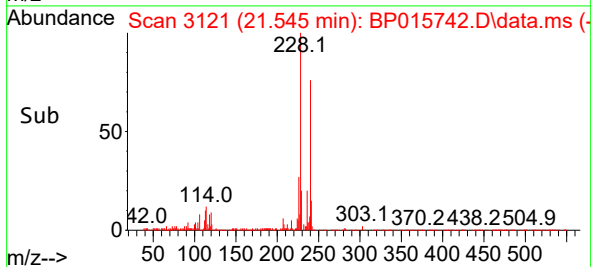
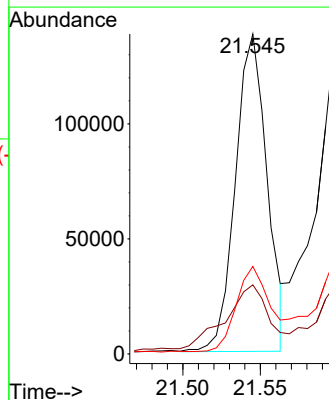
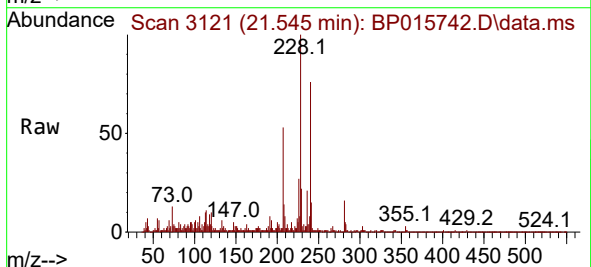
Tgt Ion:228 Resp: 196043

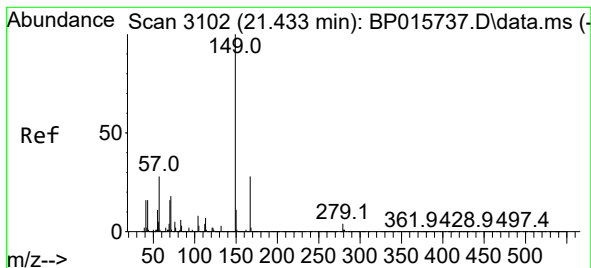
Ion Ratio Lower Upper

228 100

229 21.6 15.3 22.9

226 27.4 21.4 32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 3.748 ng/ul

RT: 21.427 min Scan# 3102

Delta R.T. -0.006 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

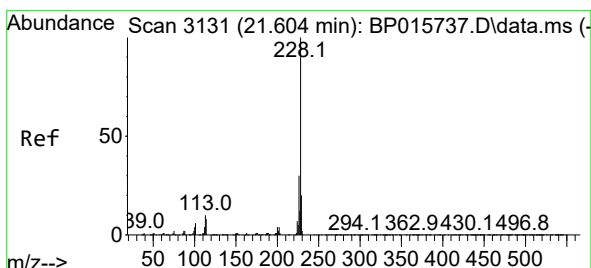
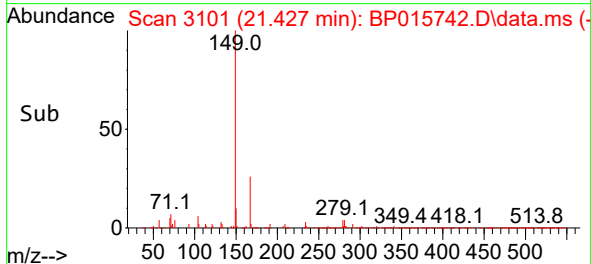
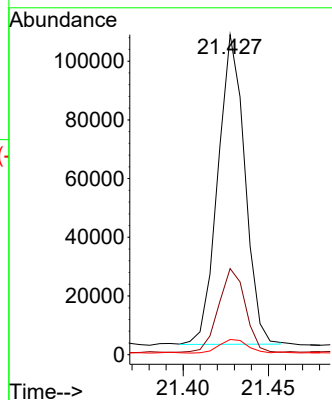
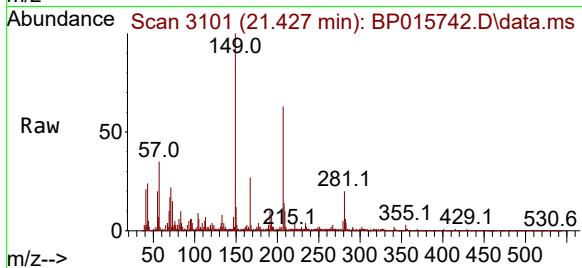
Tgt Ion:149 Resp: 116030

Ion Ratio Lower Upper

149 100

167 26.9 21.0 31.6

279 4.7 3.8 5.6



#87

Chrysene

Concen: 5.124 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

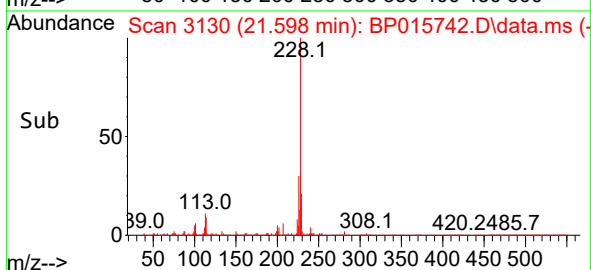
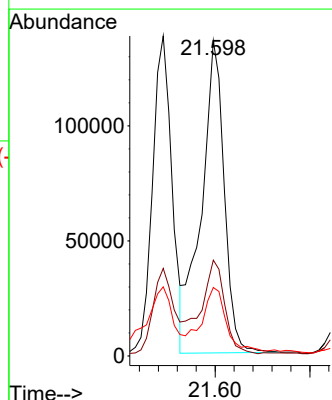
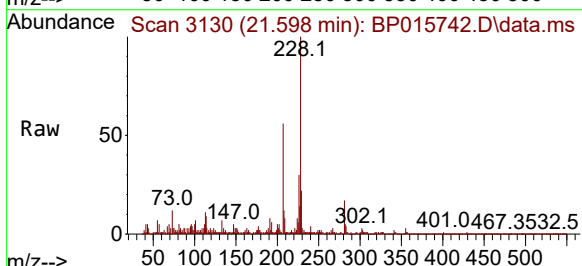
Tgt Ion:228 Resp: 228100

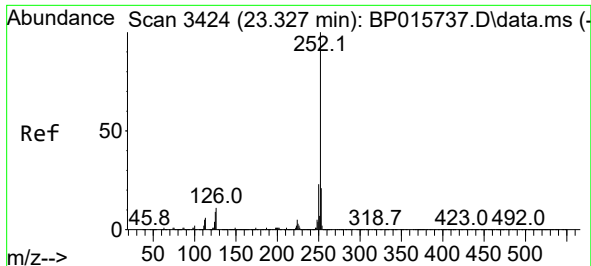
Ion Ratio Lower Upper

228 100

226 30.4 24.3 36.5

229 21.7 15.5 23.3

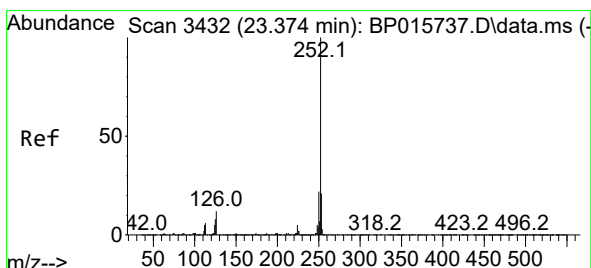
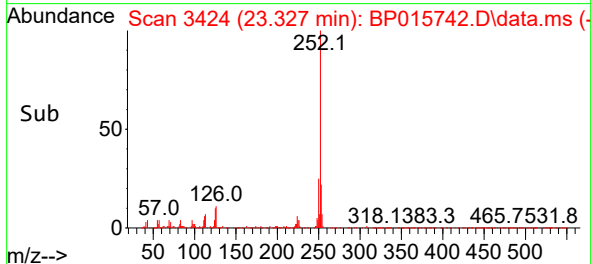
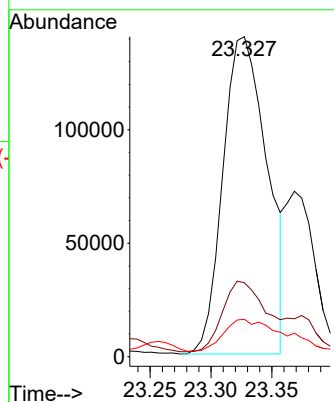
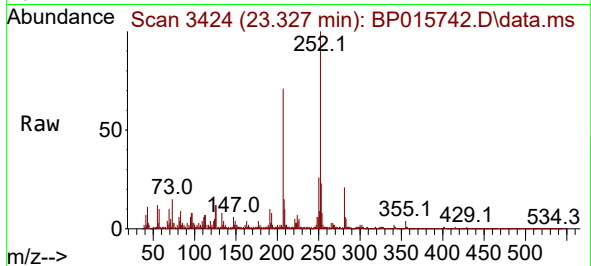




#90
Benzo(b)fluoranthene
Concen: 6.681 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

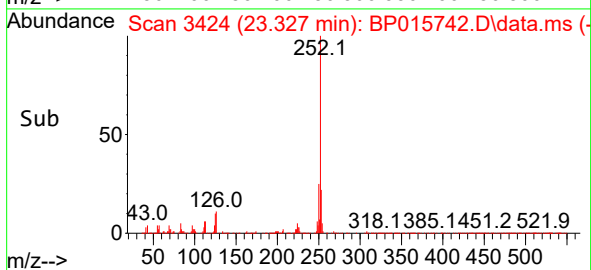
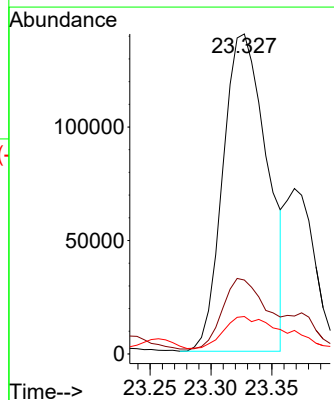
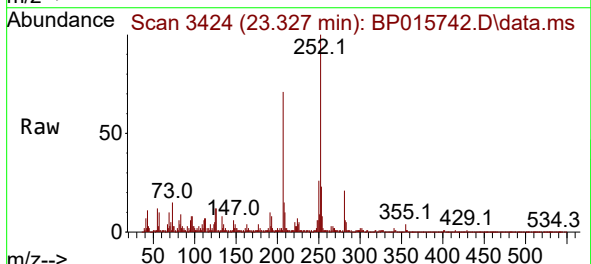
Instrument :
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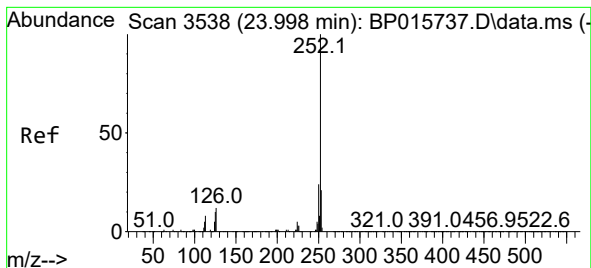
Tgt Ion:252 Resp: 352913
Ion Ratio Lower Upper
252 100
253 23.1 17.3 25.9
125 11.7 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 6.613 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.053 min
Lab File: BP015742.D
Acq: 27 Jun 2023 12:23

Tgt Ion:252 Resp: 352913
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 11.7 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 4.671 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :

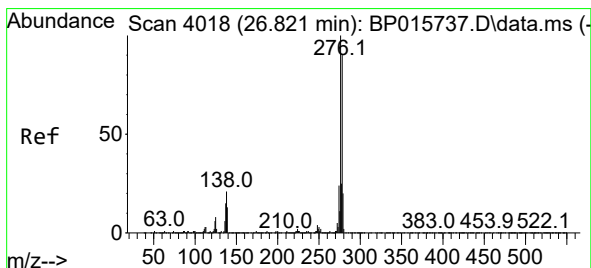
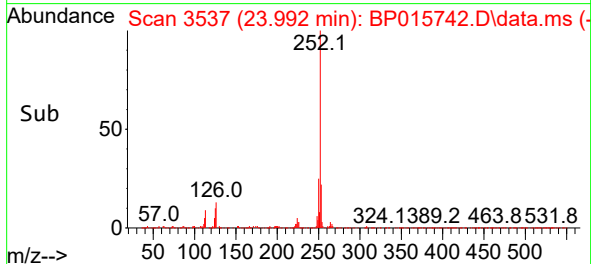
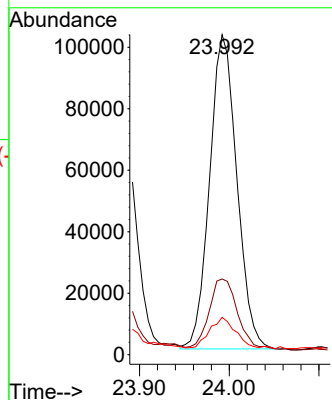
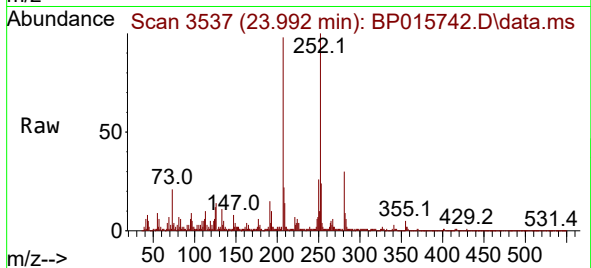
Tgt Ion:252 Resp: 215574

Ion Ratio Lower Upper

252 100

253 23.7 17.7 26.5

125 11.6 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 3.023 ng/ul

RT: 26.804 min Scan# 4015

Delta R.T. -0.012 min

Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

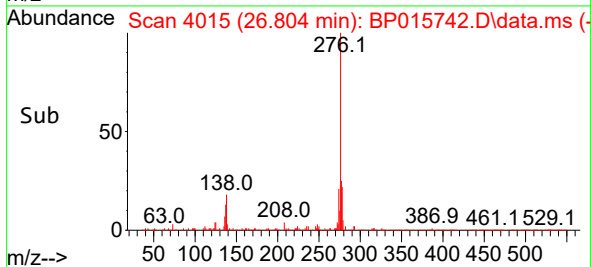
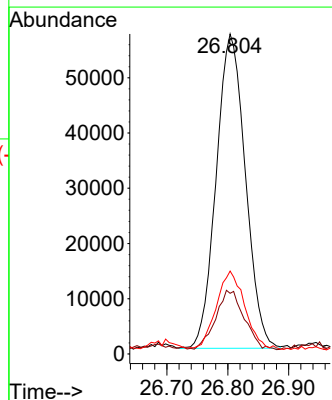
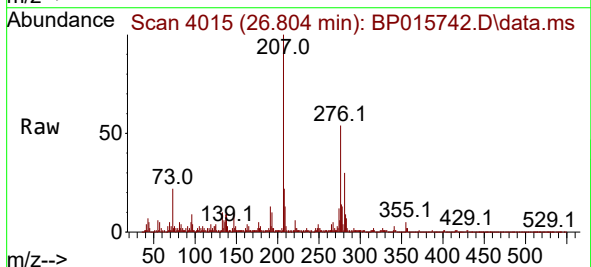
Tgt Ion:276 Resp: 189432

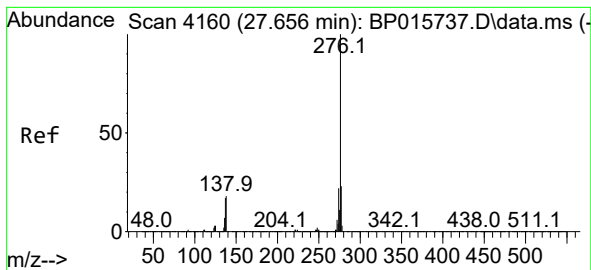
Ion Ratio Lower Upper

276 100

138 19.0 15.7 23.5

277 25.9 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 3.495 ng/ul

RT: 27.639 min Scan# 41

Delta R.T. -0.018 min

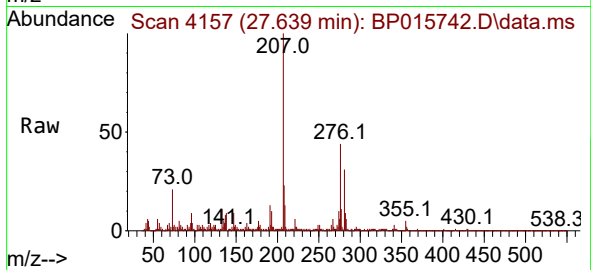
Lab File: BP015742.D

Acq: 27 Jun 2023 12:23

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 180142

Ion Ratio Lower Upper

276 100

138 19.9 15.1 22.7

277 25.8 18.8 28.2

