

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015643.D
 Acq On : 22 Jun 2023 12:51
 Operator : MA/JU
 Sample : 03083-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFK2

Quant Time: Jun 22 22:04:32 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

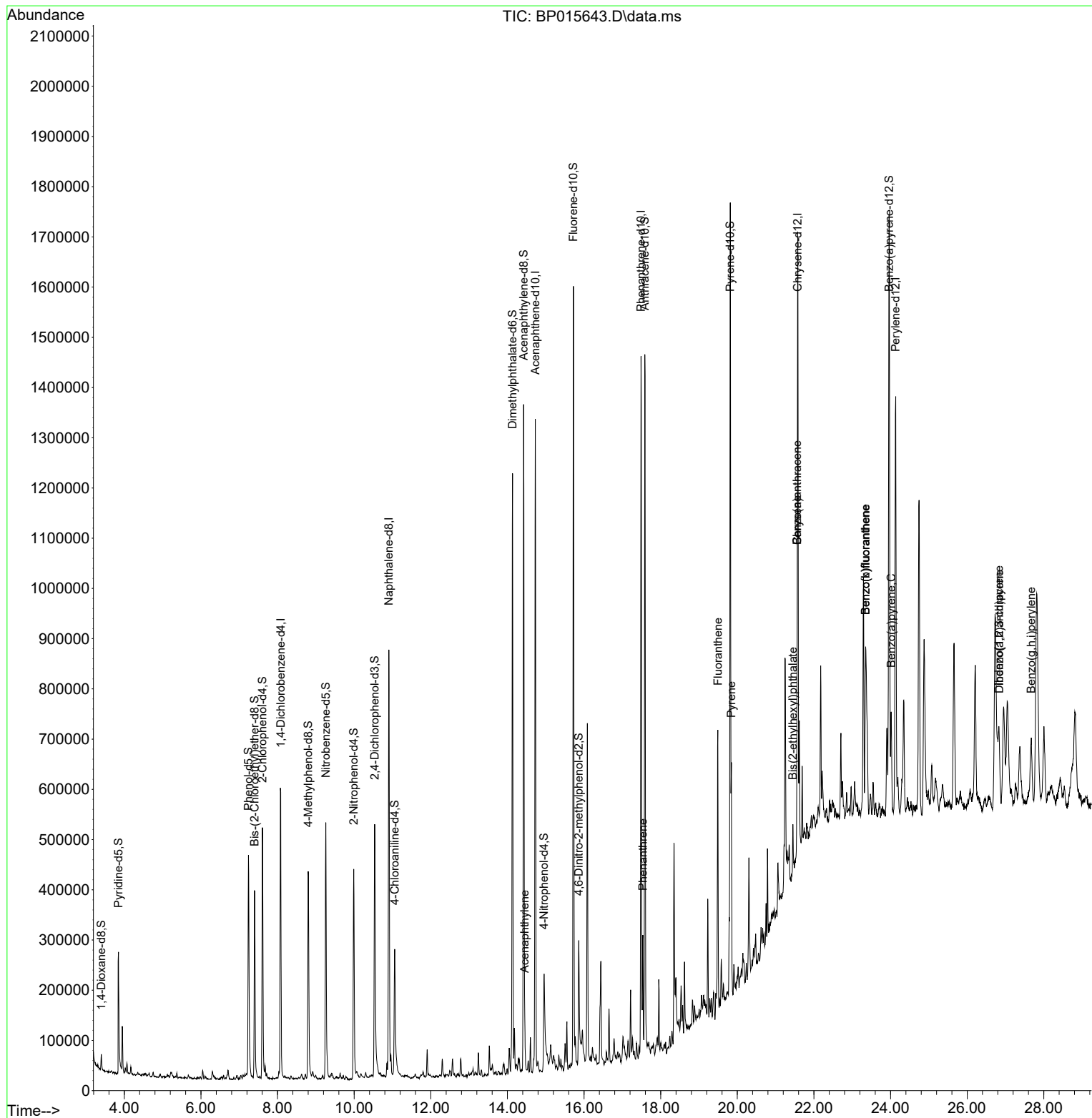
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	155035	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	656865	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	413860	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	796467	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	537447	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	678872	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	14047	3.355	ng/uL	0.00
4) Pyridine-d5	3.846	84	128288	11.797	ng/ul	0.00
7) Phenol-d5	7.240	99	264533	18.521	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	174105	20.411	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	217907	21.043	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	169734	14.480	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	112521	21.819	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	126970	21.559	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	216016	20.107	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	166883	10.822	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	735509	22.537	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	814607	22.827	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	70291	12.027	ng/ul	0.00
60) Fluorene-d10	15.722	176	588877	21.398	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	64734	12.830	ng/ul	0.00
73) Anthracene-d10	17.586	188	777838	21.465	ng/ul	0.00
81) Pyrene-d10	19.816	212	781268	27.160	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.962	264	765824	22.483	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	42275	1.070	ng/ul	98
72) Phenanthrene	17.533	178	139864	3.272	ng/ul	99
80) Fluoranthene	19.492	202	303250	8.655	ng/ul	96
82) Pyrene	19.845	202	251318	6.933	ng/ul	96
85) Benzo(a)anthracene	21.563	228	145385	3.870	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.451	149	30837	1.302	ng/ul#	98
87) Chrysene	21.563	228	145464	4.096	ng/ul	95
90) Benzo(b)fluoranthene	23.345	252	279066	6.368	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	279066	6.588	ng/ul	99
93) Benzo(a)pyrene	24.015	252	165265	4.326	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.833	276	158190	3.199	ng/ul	94
95) Dibenzo(a,h)anthracene	26.839	278	42192	1.047	ng/ul#	77
96) Benzo(g,h,i)perylene	27.674	276	147575	3.622	ng/ul	96

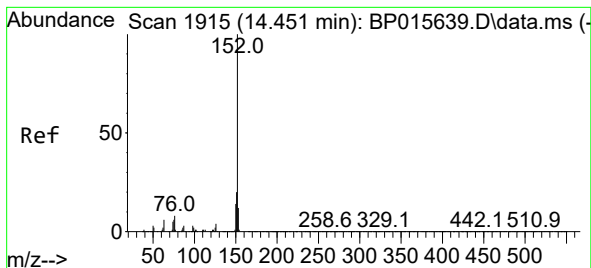
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
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Quant Time: Jun 22 22:04:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 22:01:49 2023
Response via : Initial Calibration





#50

Acenaphthylene

Concen: 1.070 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Instrument :

BNA_P

ClientSampleId :

DCFK2

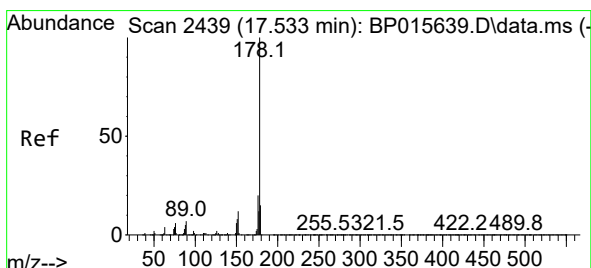
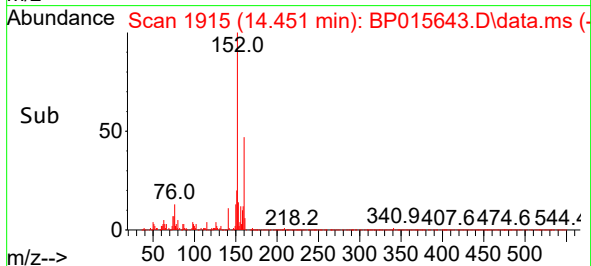
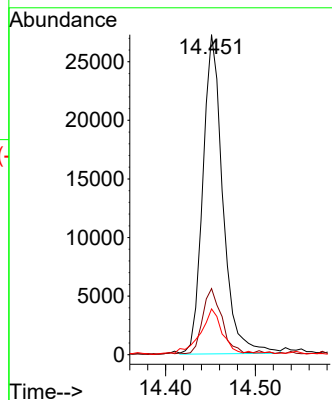
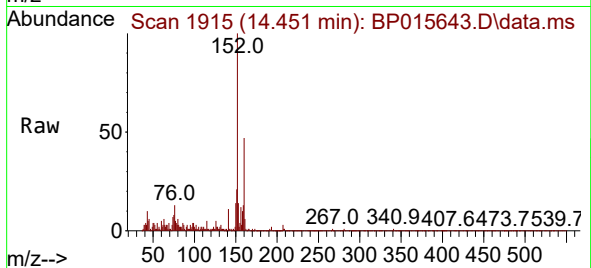
Tgt Ion:152 Resp: 42275

Ion Ratio Lower Upper

152 100

151 20.7 16.0 24.0

153 14.3 10.6 15.8



#72

Phenanthrene

Concen: 3.272 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

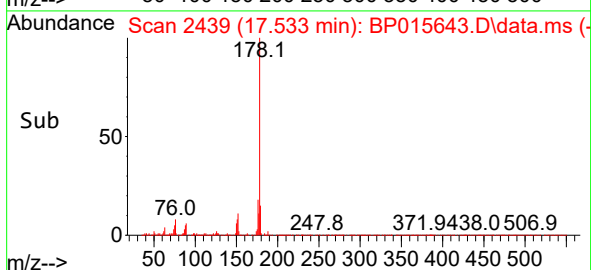
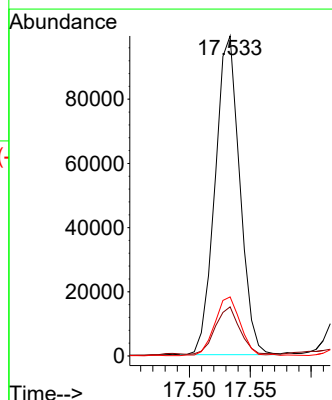
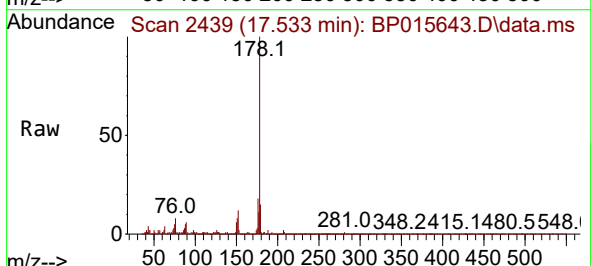
Tgt Ion:178 Resp: 139864

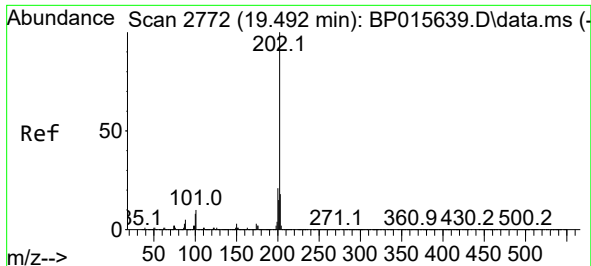
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.5 15.4 23.0

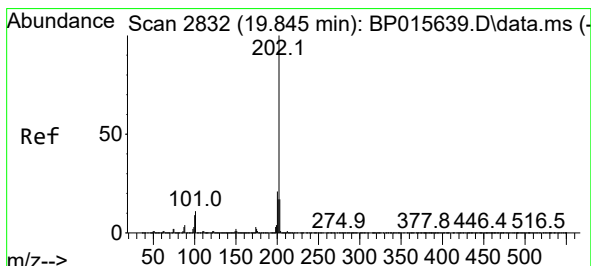
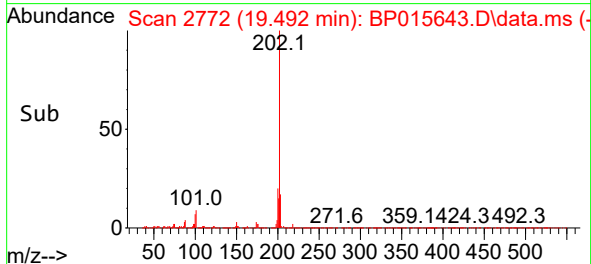
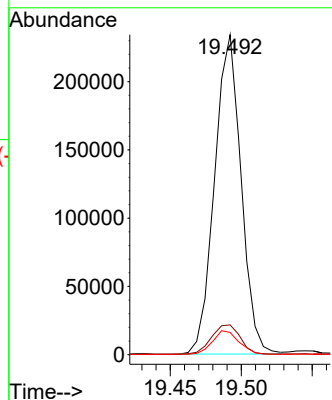
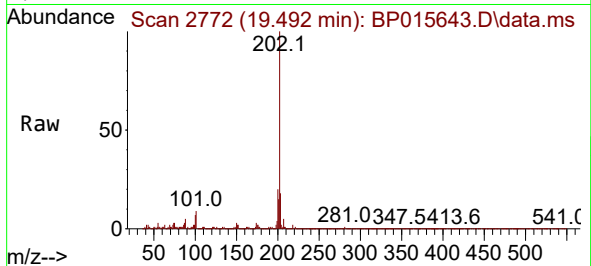




#80
Fluoranthene
Concen: 8.655 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

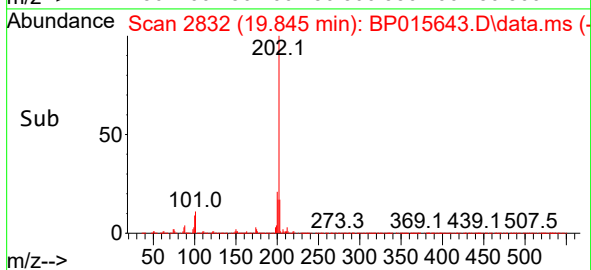
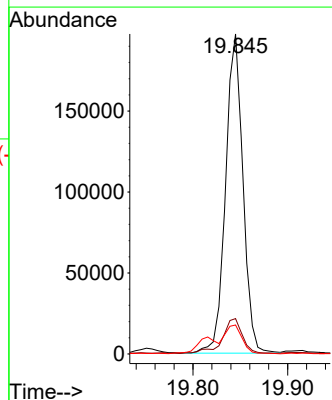
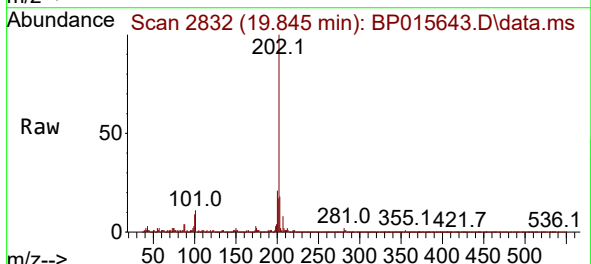
Instrument :
BNA_P
ClientSampleId :
DCFK2

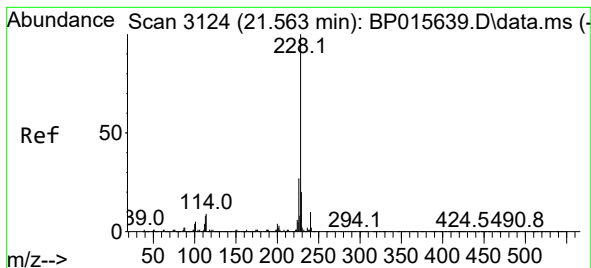
Tgt Ion:202 Resp: 303250
Ion Ratio Lower Upper
202 100
101 9.3 8.6 13.0
100 6.9 6.6 9.8



#82
Pyrene
Concen: 6.933 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015643.D
Acq: 22 Jun 2023 12:51

Tgt Ion:202 Resp: 251318
Ion Ratio Lower Upper
202 100
101 11.0 9.9 14.9
100 9.1 8.4 12.6





#85

Benzo(a)anthracene

Concen: 3.870 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Instrument :

BNA_P

ClientSampleId :

DCFK2

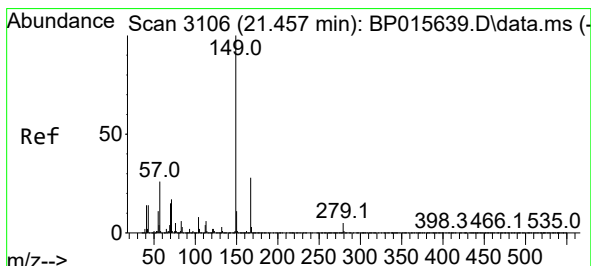
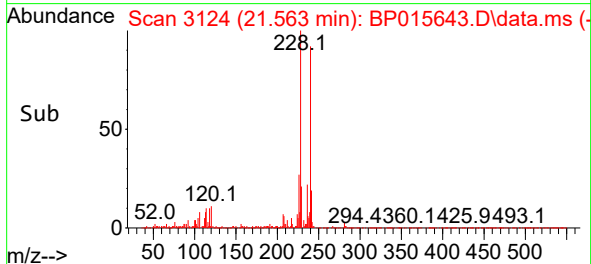
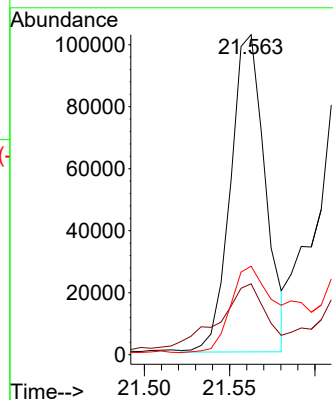
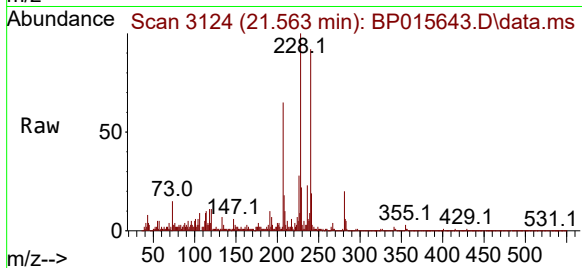
Tgt Ion:228 Resp: 145385

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

226 27.6 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.302 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

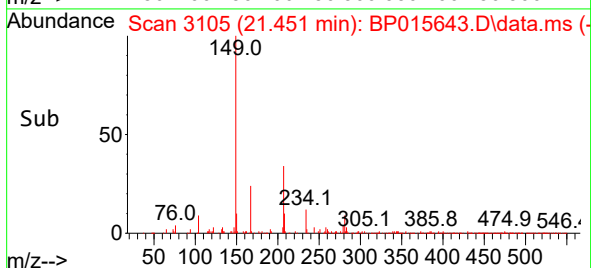
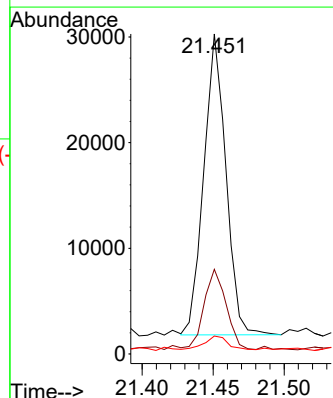
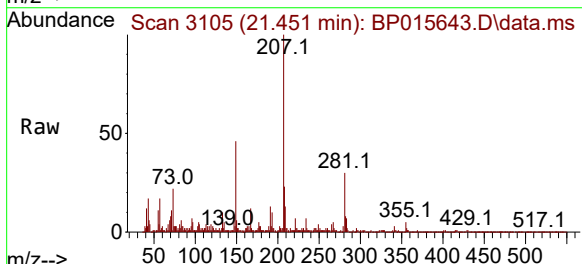
Tgt Ion:149 Resp: 30837

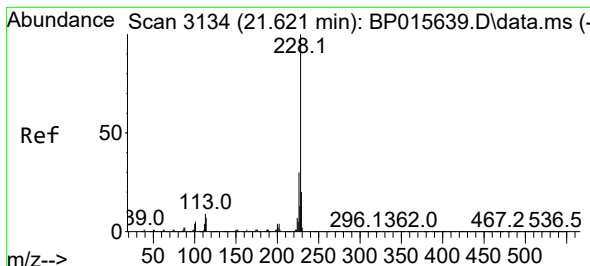
Ion Ratio Lower Upper

149 100

167 26.5 21.8 32.8

279 5.6 3.7 5.5#





#87

Chrysene

Concen: 4.096 ng/ul

RT: 21.563 min Scan# 3134

Delta R.T. -0.059 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Instrument :

BNA_P

ClientSampleId :

DCFK2

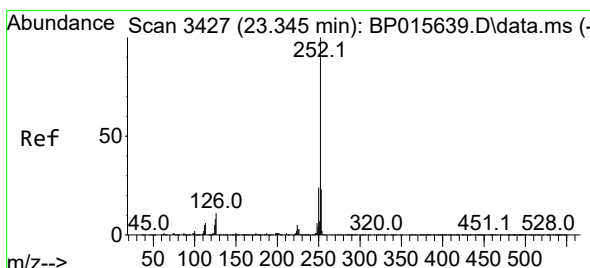
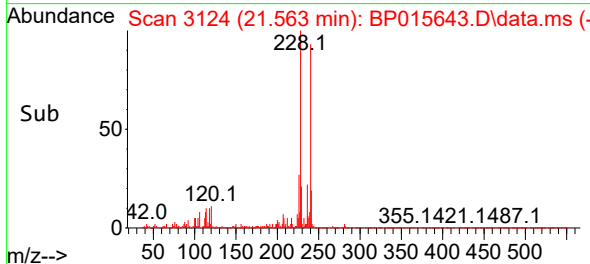
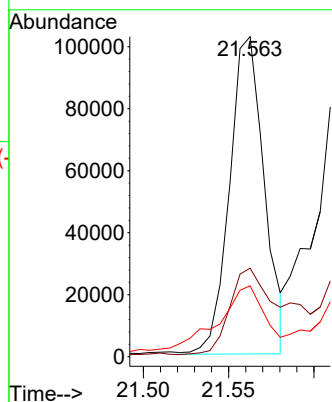
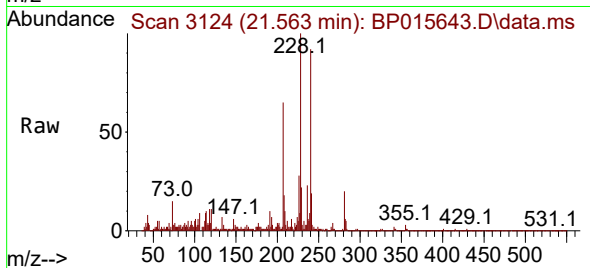
Tgt Ion:228 Resp: 145464

Ion Ratio Lower Upper

228 100

226 27.6 23.9 35.9

229 22.2 15.1 22.7



#90

Benzo(b)fluoranthene

Concen: 6.368 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

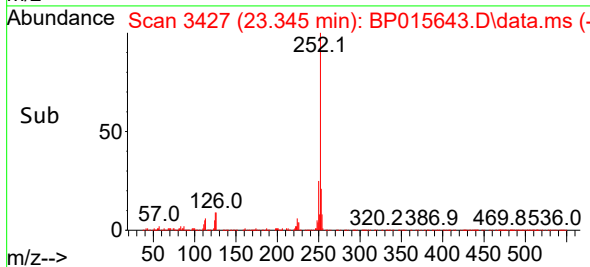
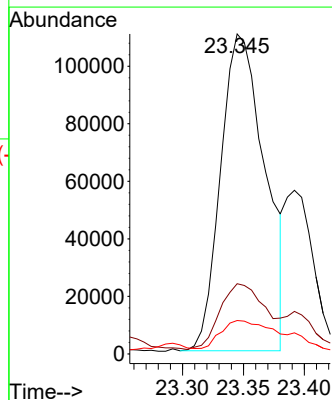
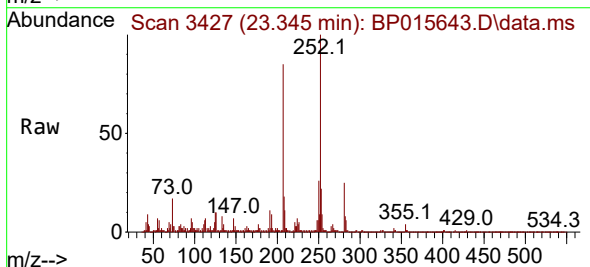
Tgt Ion:252 Resp: 279066

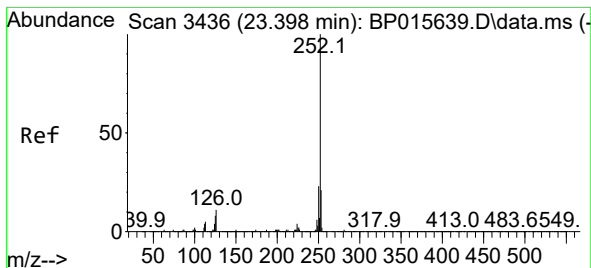
Ion Ratio Lower Upper

252 100

253 22.0 17.4 26.2

125 10.4 7.3 10.9





#91

Benzo(k)fluoranthene

Concen: 6.588 ng/ul

RT: 23.345 min Scan# 3436

Delta R.T. -0.053 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

Instrument :

BNA_P

ClientSampleId :

DCFK2

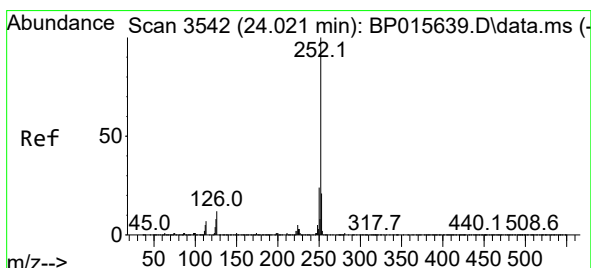
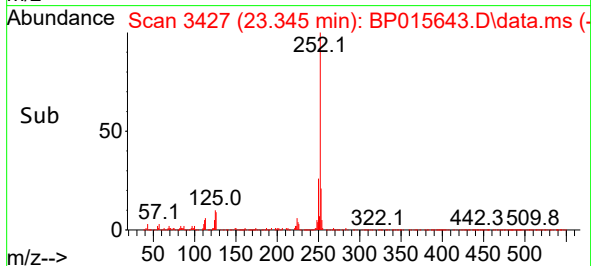
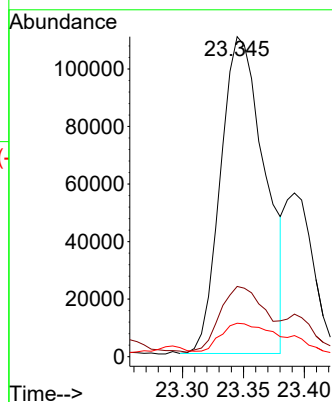
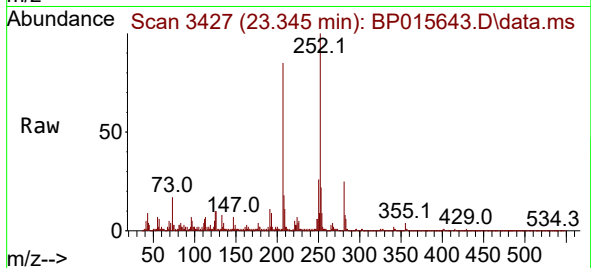
Tgt Ion:252 Resp: 279066

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.4 7.3 10.9



#93

Benzo(a)pyrene

Concen: 4.326 ng/ul

RT: 24.015 min Scan# 3541

Delta R.T. -0.006 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

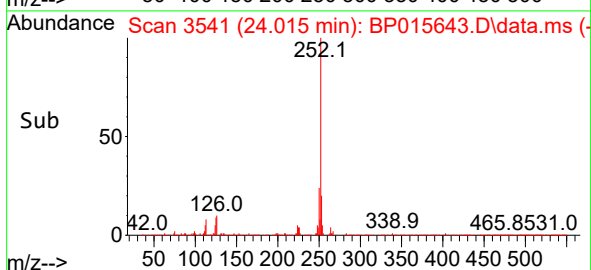
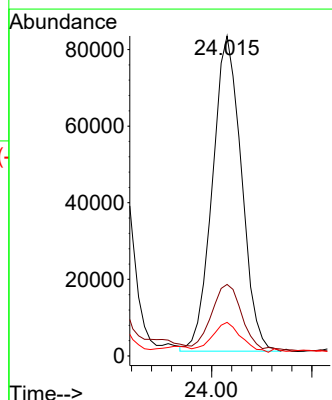
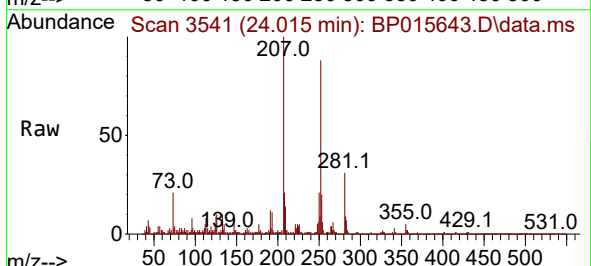
Tgt Ion:252 Resp: 165265

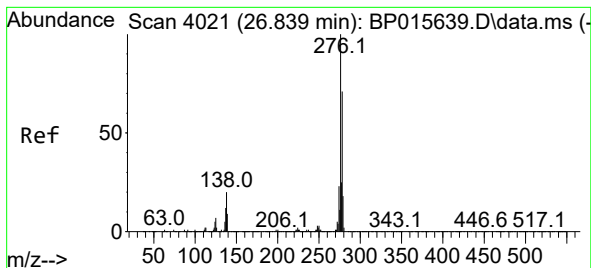
Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.6

125 10.5 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.199 ng/ul

RT: 26.833 min Scan# 4021

Delta R.T. -0.006 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

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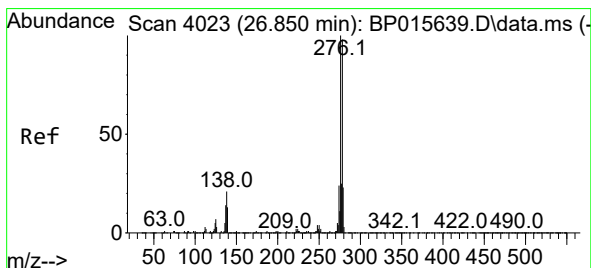
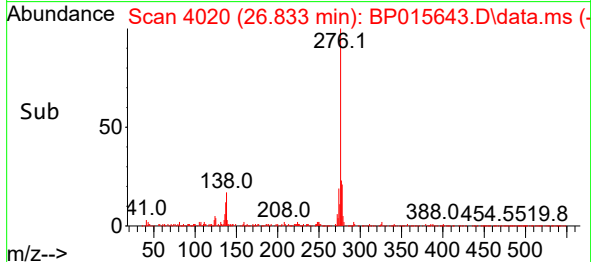
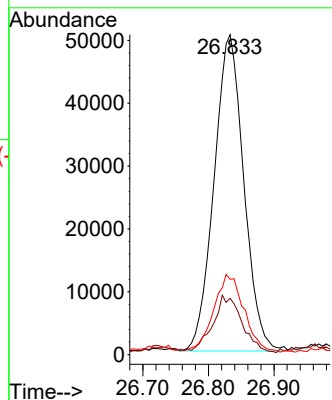
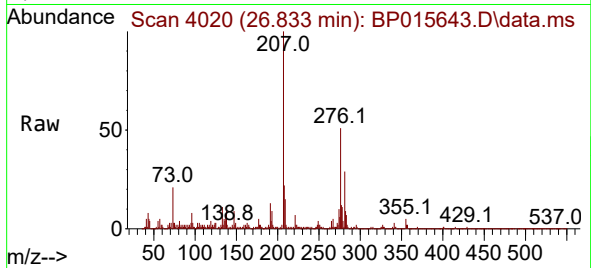
Tgt Ion:276 Resp: 158190

Ion Ratio Lower Upper

276 100

138 17.6 17.3 25.9

277 23.6 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 1.047 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. -0.012 min

Lab File: BP015643.D

Acq: 22 Jun 2023 12:51

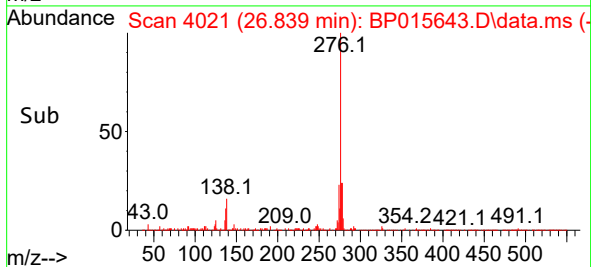
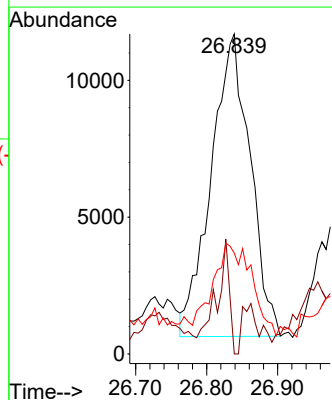
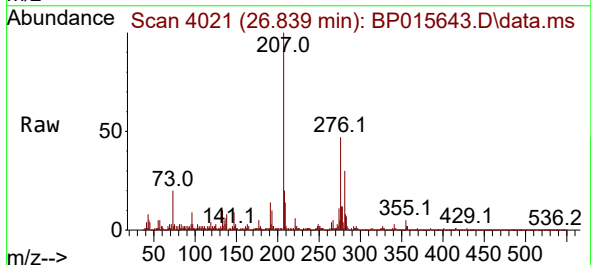
Tgt Ion:278 Resp: 42192

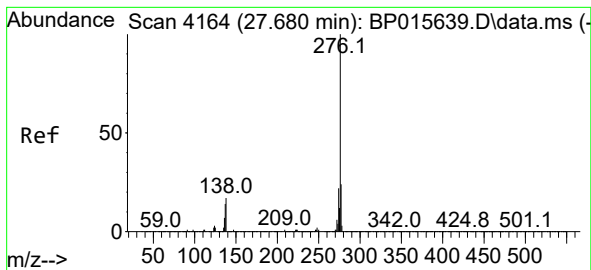
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

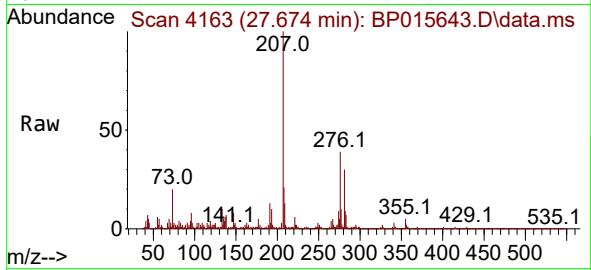
279 31.5 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 3.622 ng/ul
 RT: 27.674 min Scan# 4163
 Delta R.T. -0.006 min
 Lab File: BP015643.D
 Acq: 22 Jun 2023 12:51

Instrument :
 BNA_P
 ClientSampleId :
 DCFK2



Tgt Ion:	276	Resp:	147575
Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.6	23.4
277	25.9	19.0	28.6

