

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062223\
 Data File : BP015652.D
 Acq On : 22 Jun 2023 17:54
 Operator : MA/JU
 Sample : 03083-19
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFL7

Quant Time: Jun 22 22:06:40 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)

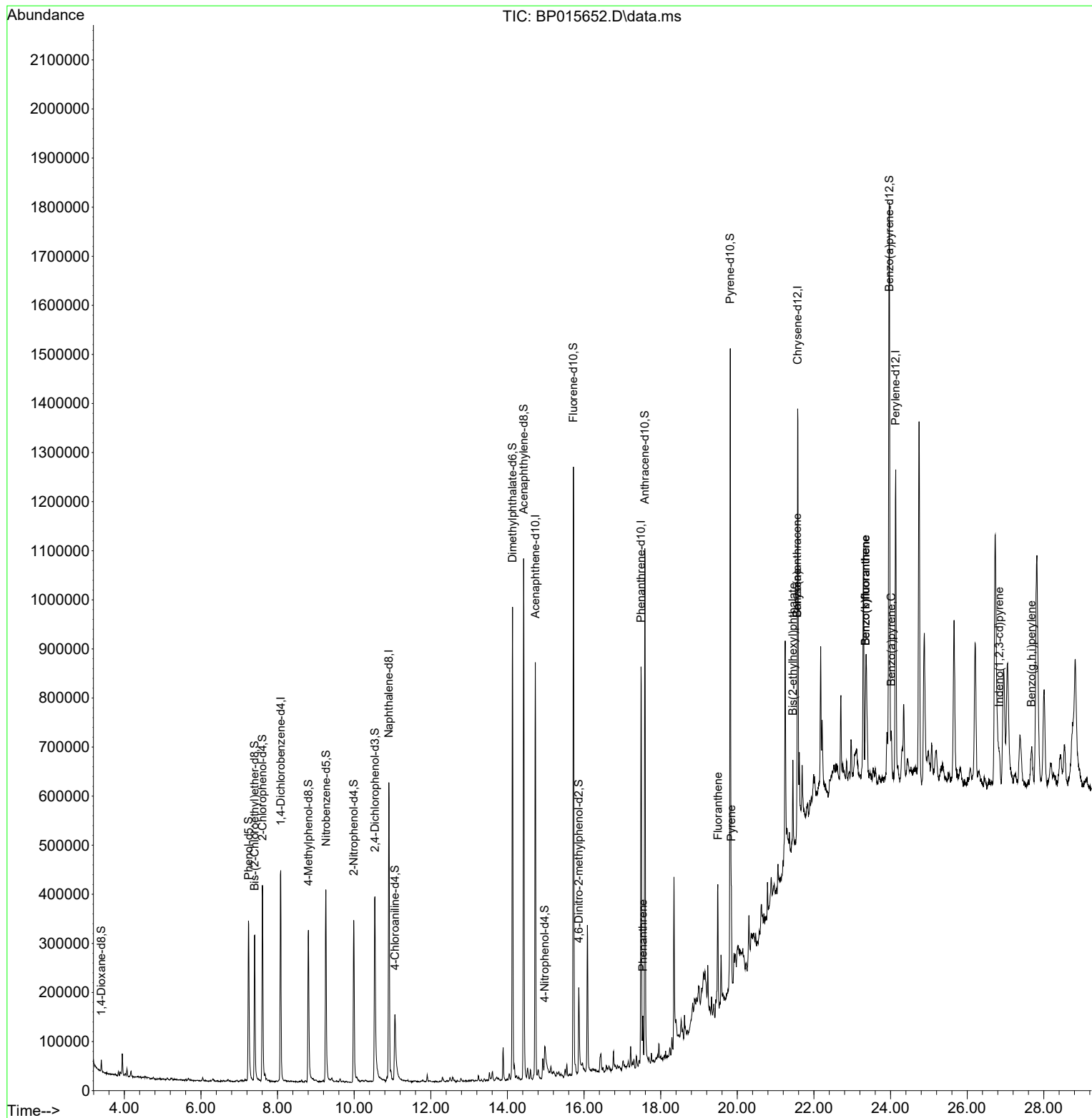
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	113167	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	484307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	276543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	480627	20.000	ng/ul	0.00
79) Chrysene-d12	21.574	240	387992	20.000	ng/ul	0.00
88) Perylene-d12	24.133	264	505996	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10007	3.274	ng/uL	0.00
4) Pyridine-d5	3.834	84	389	0.049	ng/ul	0.00
7) Phenol-d5	7.246	99	208155	19.966	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	140192	22.516	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	174778	23.122	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	130055	15.200	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	94008	24.724	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	101952	23.479	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	177452	22.403	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	112055	9.856	ng/ul	0.01
46) Dimethylphthalate-d6	14.134	166	605774	27.779	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	677064	28.394	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	22294	5.709	ng/ul	0.02
60) Fluorene-d10	15.722	176	477769	25.981	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	47494	15.598	ng/ul	0.00
73) Anthracene-d10	17.586	188	598730	27.379	ng/ul	0.00
81) Pyrene-d10	19.816	212	661493	31.855	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	741600	29.210	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.533	178	52689	2.043	ng/ul	99
80) Fluoranthene	19.492	202	135887	5.372	ng/ul	98
82) Pyrene	19.845	202	114437	4.373	ng/ul	96
85) Benzo(a)anthracene	21.563	228	73730	2.718	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	57356	3.355	ng/ul	99
87) Chrysene	21.563	228	73361	2.861	ng/ul	96
90) Benzo(b)fluoranthene	23.345	252	149251	4.570	ng/ul	99
91) Benzo(k)fluoranthene	23.345	252	149251	4.727	ng/ul	99
93) Benzo(a)pyrene	24.015	252	83583	2.935	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.839	276	79769	2.164	ng/ul	94
96) Benzo(g,h,i)perylene	27.674	276	77468	2.551	ng/ul	97

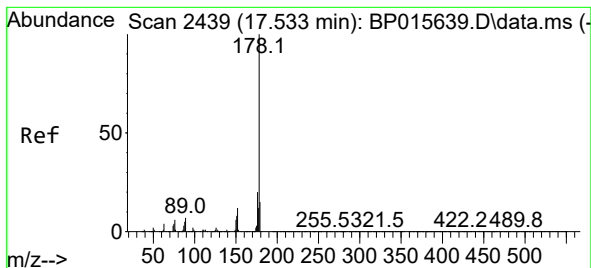
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#72

Phenanthrene

Concen: 2.043 ng/ul

RT: 17.533 min Scan# 2439

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

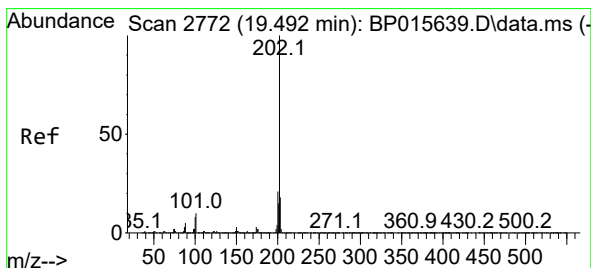
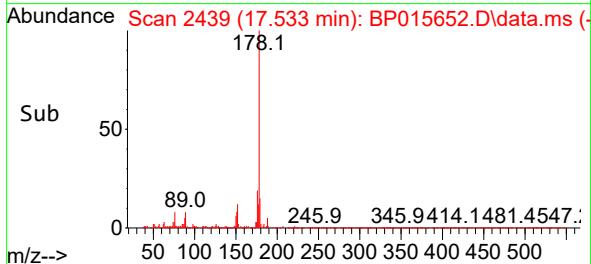
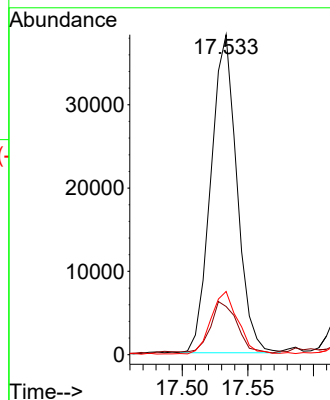
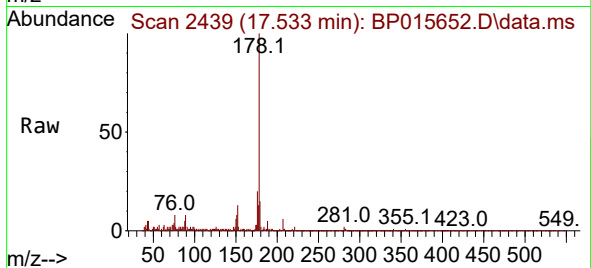
Tgt Ion:178 Resp: 52689

Ion Ratio Lower Upper

178 100

179 15.1 12.3 18.5

176 19.8 15.4 23.0



#80

Fluoranthene

Concen: 5.372 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

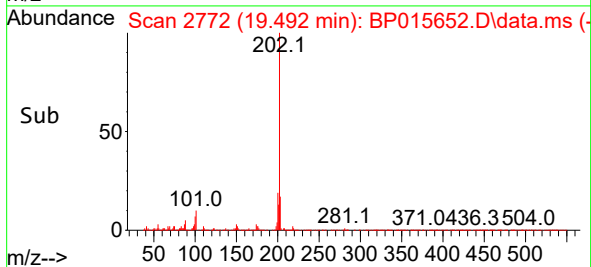
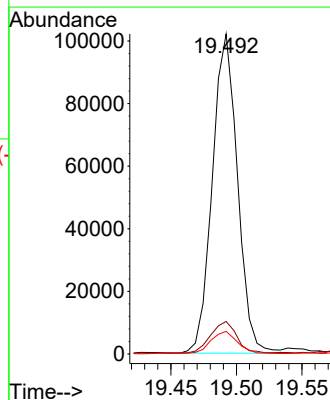
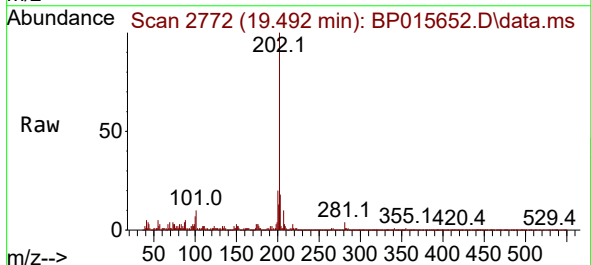
Tgt Ion:202 Resp: 135887

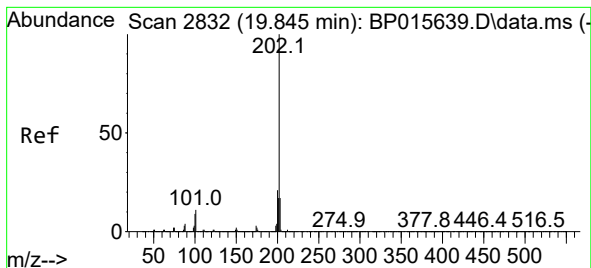
Ion Ratio Lower Upper

202 100

101 10.2 8.6 13.0

100 7.0 6.6 9.8





#82

Pyrene

Concen: 4.373 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

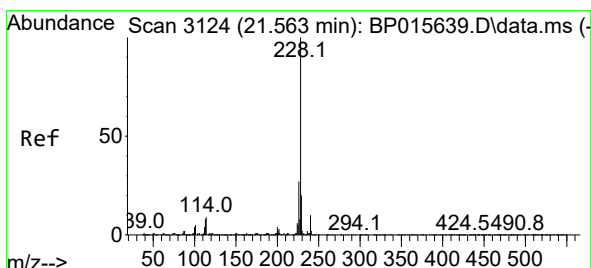
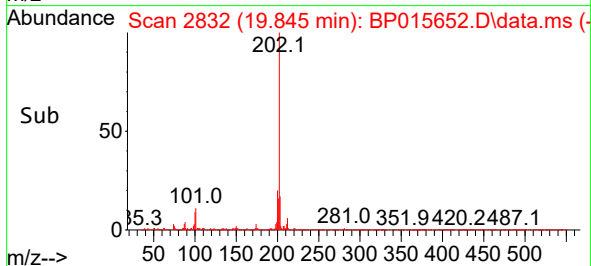
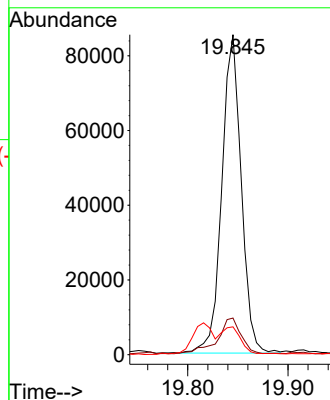
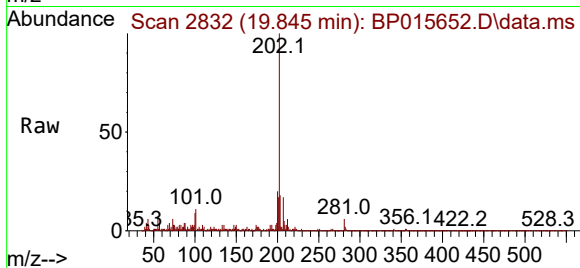
Tgt Ion:202 Resp: 114437

Ion Ratio Lower Upper

202 100

101 11.4 9.9 14.9

100 8.7 8.4 12.6



#85

Benzo(a)anthracene

Concen: 2.718 ng/ul

RT: 21.563 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

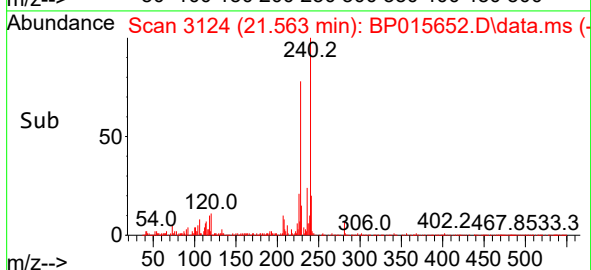
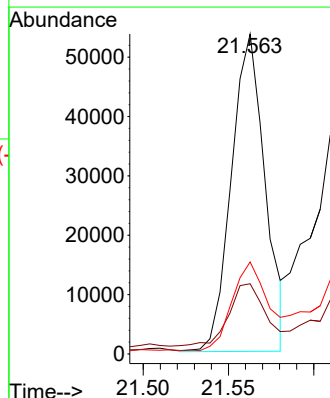
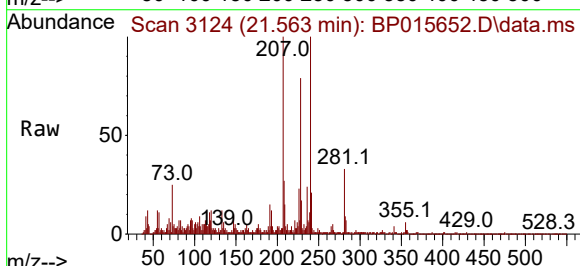
Tgt Ion:228 Resp: 73730

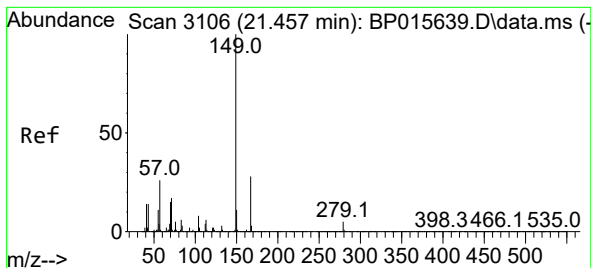
Ion Ratio Lower Upper

228 100

229 22.0 15.8 23.6

226 28.7 21.8 32.6

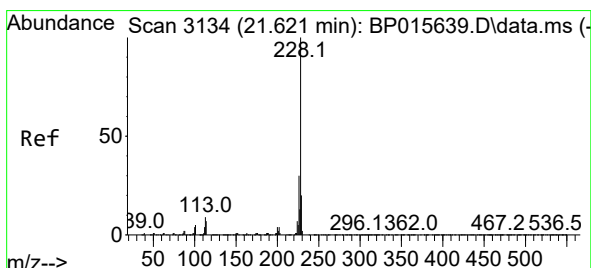
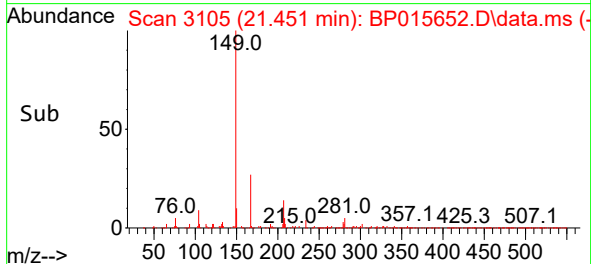
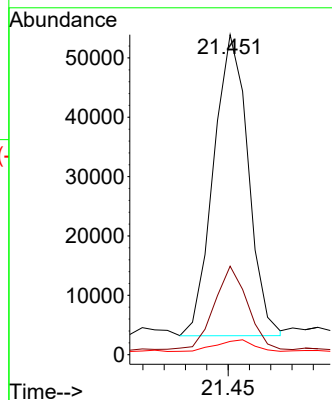
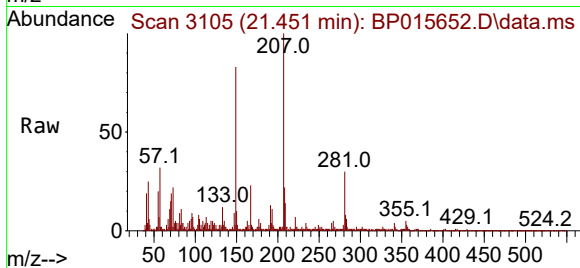




#86
Bis(2-ethylhexyl)phthalate
Concen: 3.355 ng/ul
RT: 21.451 min Scan# 3106
Delta R.T. -0.006 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

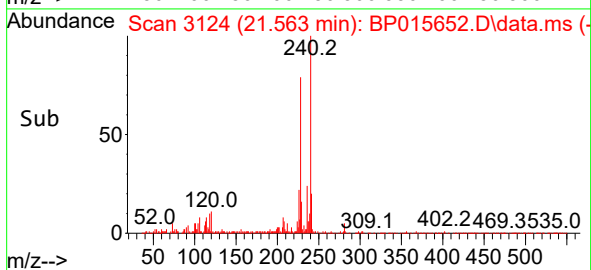
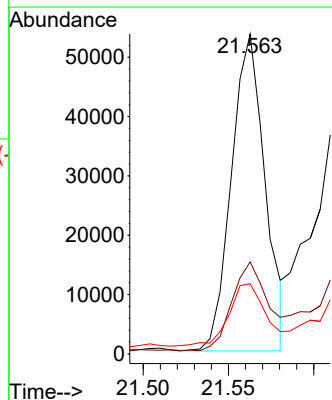
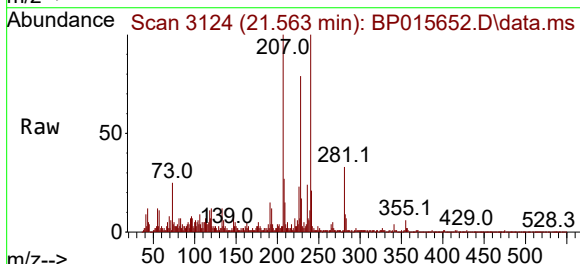
Instrument :
BNA_P
ClientSampleId :
DCFL7

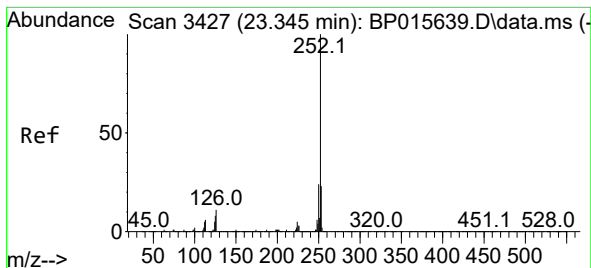
Tgt Ion:149 Resp: 57356
Ion Ratio Lower Upper
149 100
167 27.6 21.8 32.8
279 4.2 3.7 5.5



#87
Chrysene
Concen: 2.861 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. -0.059 min
Lab File: BP015652.D
Acq: 22 Jun 2023 17:54

Tgt Ion:228 Resp: 73361
Ion Ratio Lower Upper
228 100
226 28.7 23.9 35.9
229 22.0 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 4.570 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

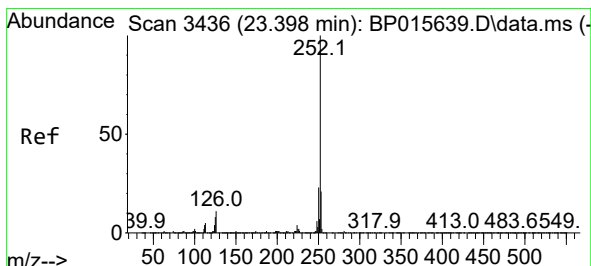
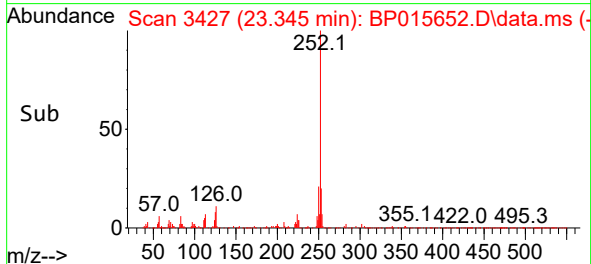
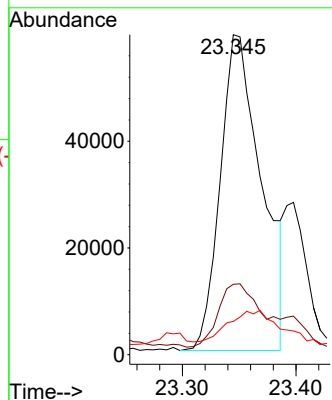
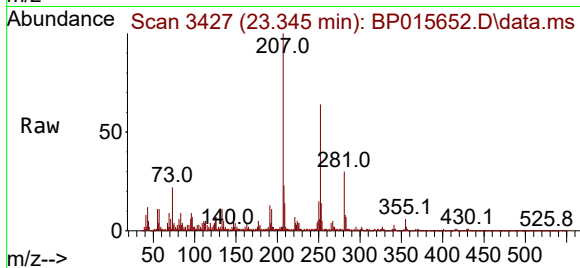
Tgt Ion:252 Resp: 149251

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: 4.727 ng/ul

RT: 23.345 min Scan# 3427

Delta R.T. -0.053 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

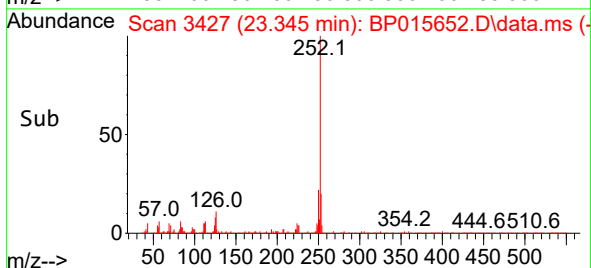
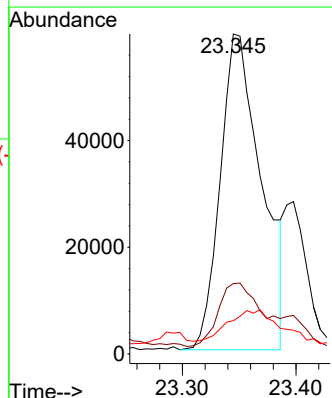
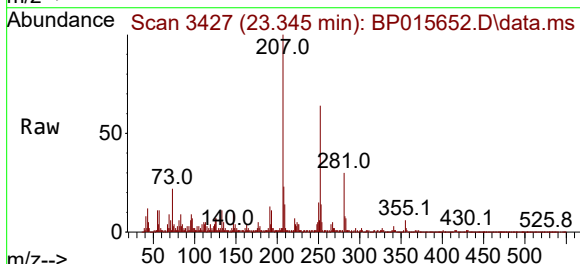
Tgt Ion:252 Resp: 149251

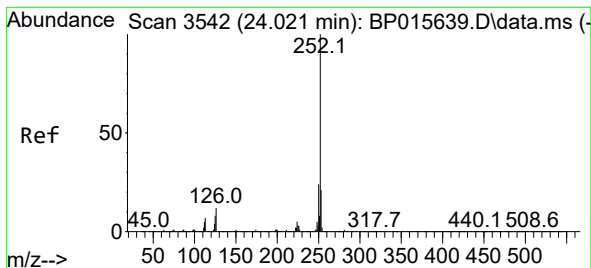
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.4 7.3 10.9





#93

Benzo(a)pyrene

Concen: 2.935 ng/ul

RT: 24.015 min Scan# 3

Delta R.T. -0.006 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7

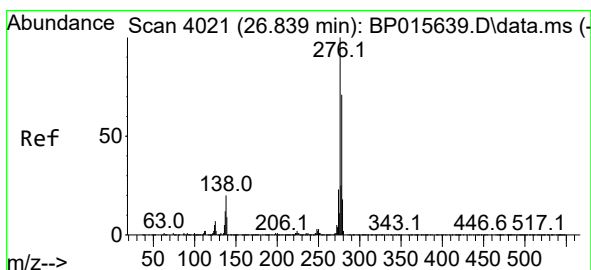
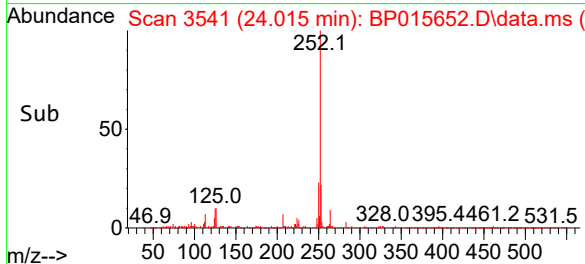
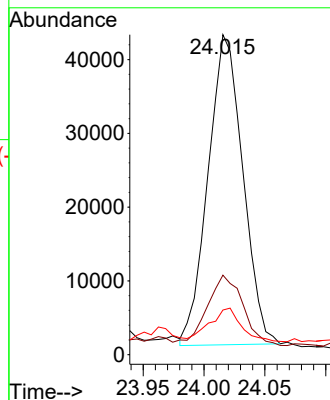
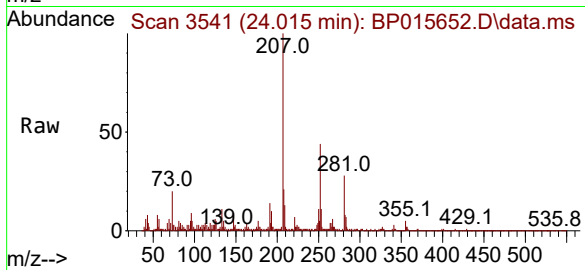
Tgt Ion:252 Resp: 83583

Ion Ratio Lower Upper

252 100

253 24.8 17.8 26.6

125 13.9 8.1 12.1#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.164 ng/ul

RT: 26.839 min Scan# 4021

Delta R.T. 0.000 min

Lab File: BP015652.D

Acq: 22 Jun 2023 17:54

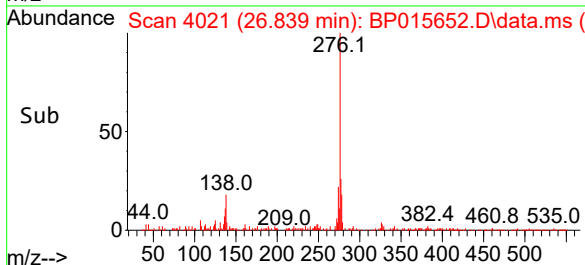
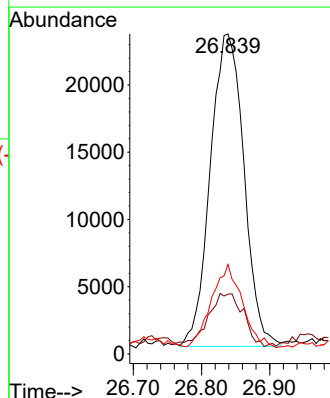
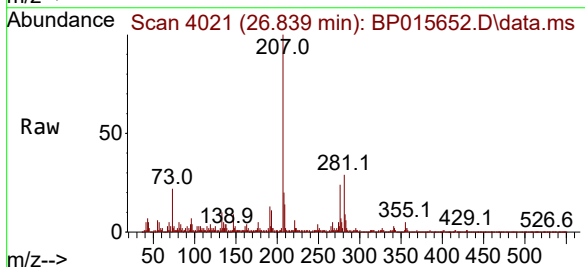
Tgt Ion:276 Resp: 79769

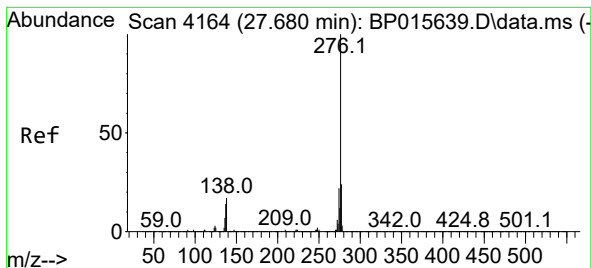
Ion Ratio Lower Upper

276 100

138 18.7 17.3 25.9

277 27.9 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 2.551 ng/ul

RT: 27.674 min Scan# 41

Delta R.T. -0.006 min

Lab File: BP015652.D

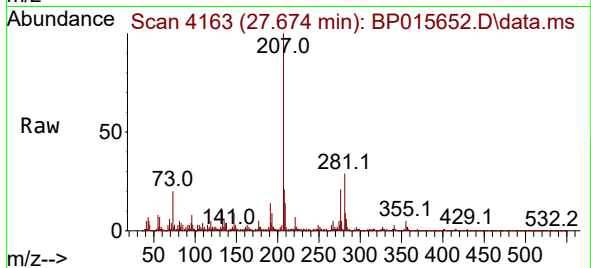
Acq: 22 Jun 2023 17:54

Instrument :

BNA_P

ClientSampleId :

DCFL7



Tgt Ion:276 Resp: 77468

Ion Ratio Lower Upper

276 100

138 17.7 15.6 23.4

277 23.0 19.0 28.6

