

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015678.D
 Acq On : 23 Jun 2023 18:53
 Operator : MA/JU
 Sample : 03084-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

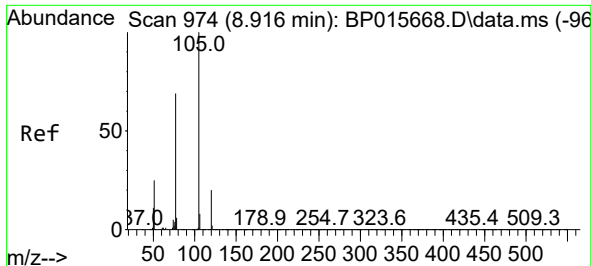
Instrument :
 BNA_P
 ClientSampleId :
 DCFM5

Quant Time: Jun 23 22:37:02 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	166354	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	635209	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	328792	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	585291	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	592343	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	741288	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	11145	2.481	ng/uL	0.00
4) Pyridine-d5	3.840	84	223	0.019	ng/ul	0.00
7) Phenol-d5	7.246	99	219407	14.316	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.399	67	145201	15.864	ng/ul	0.00
11) 2-Chlorophenol-d4	7.605	132	184390	16.595	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	126007	10.018	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	87382	17.522	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	100598	17.664	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	154798	14.900	ng/ul	0.01
31) 4-Chloroaniline-d4	11.081	131	41661	2.794	ng/ul	0.03
46) Dimethylphthalate-d6	14.134	166	481950	18.589	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	539562	19.032	ng/ul	0.00
54) 4-Nitrophenol-d4	14.940	143	47	0.010	ng/ul	-0.01
60) Fluorene-d10	15.722	176	367363	16.802	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	40832	11.012	ng/ul	0.01
73) Anthracene-d10	17.592	188	462116	17.353	ng/ul	0.00
81) Pyrene-d10	19.822	212	594018	18.737	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	682961	18.362	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.922	105	40772	2.031	ng/ul	95
80) Fluoranthene	19.492	202	66875	1.732	ng/ul#	94
82) Pyrene	19.845	202	63116	1.580	ng/ul	97
83) Butylbenzylphthalate	20.698	149	20153	1.141	ng/ul	96
85) Benzo(a)anthracene	21.569	228	41696	1.007	ng/ul#	89
86) Bis(2-ethylhexyl)phtha...	21.451	149	55675	2.133	ng/ul	98
87) Chrysene	21.622	228	52714	1.347	ng/ul#	93
90) Benzo(b)fluoranthene	23.357	252	82511	1.724	ng/ul#	83
91) Benzo(k)fluoranthene	23.357	252	82511	1.784	ng/ul#	84
93) Benzo(a)pyrene	24.027	252	48936	1.173	ng/ul#	88
96) Benzo(g,h,i)perylene	27.698	276	47500	1.068	ng/ul	97

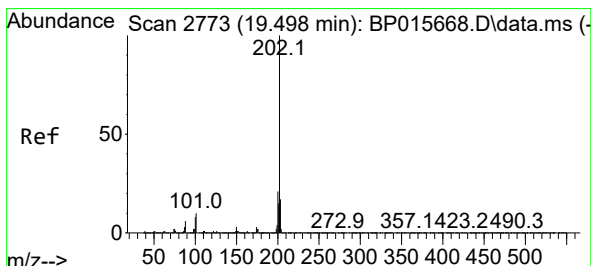
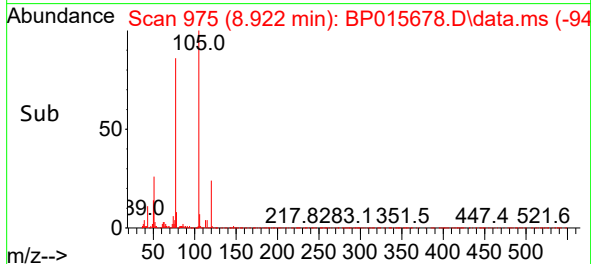
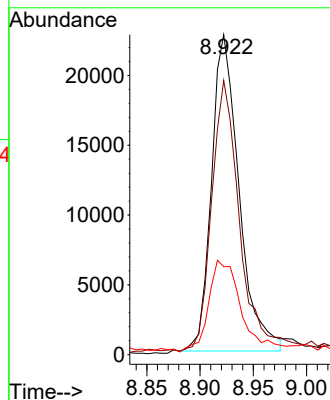
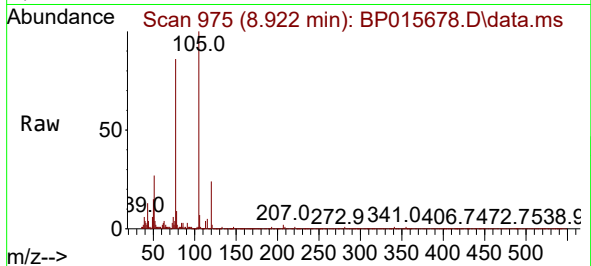
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#16
Acetophenone
Concen: 2.031 ng/ul
RT: 8.922 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015678.D
Acq: 23 Jun 2023 18:53

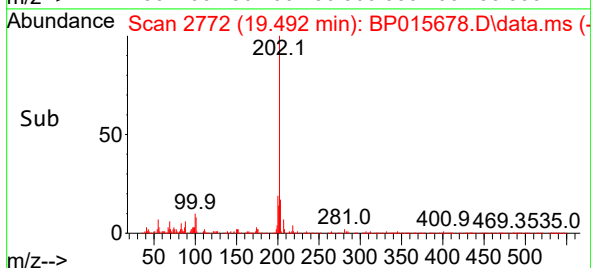
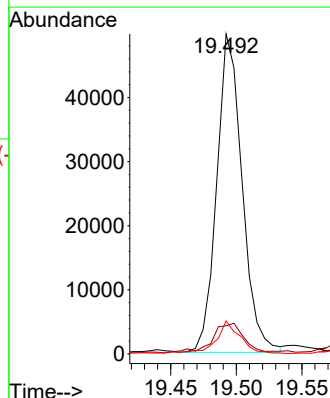
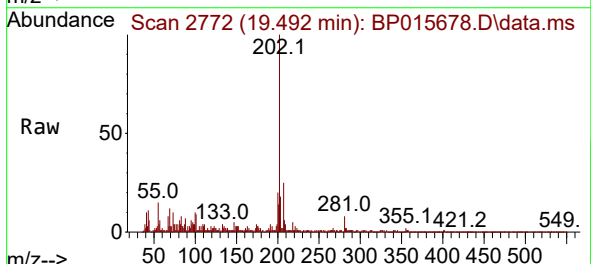
Instrument :
BNA_P
ClientSampleId :
DCFM5

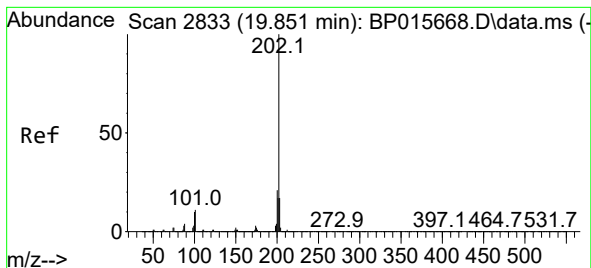
Tgt Ion:105 Resp: 40772
Ion Ratio Lower Upper
105 100
77 85.7 64.9 97.3
51 27.5 23.5 35.3



#80
Fluoranthene
Concen: 1.732 ng/ul
RT: 19.492 min Scan# 2772
Delta R.T. 0.000 min
Lab File: BP015678.D
Acq: 23 Jun 2023 18:53

Tgt Ion:202 Resp: 66875
Ion Ratio Lower Upper
202 100
101 8.8 8.6 13.0
100 10.3 6.6 9.8#





#82

Pyrene

Concen: 1.580 ng/ul

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

Instrument :

BNA_P

ClientSampleId :

DCFM5

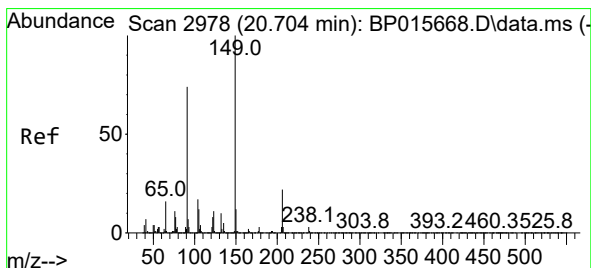
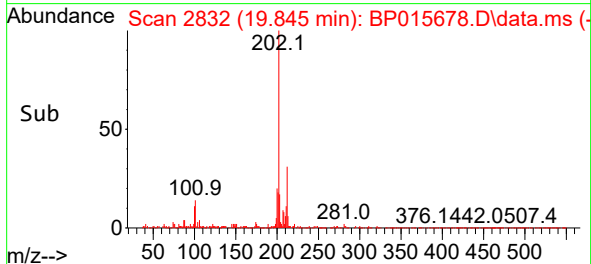
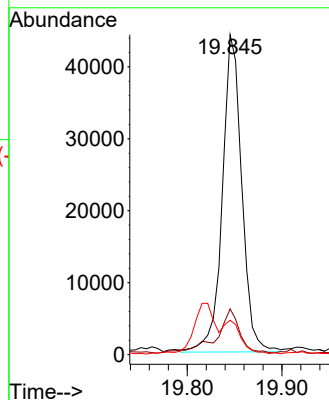
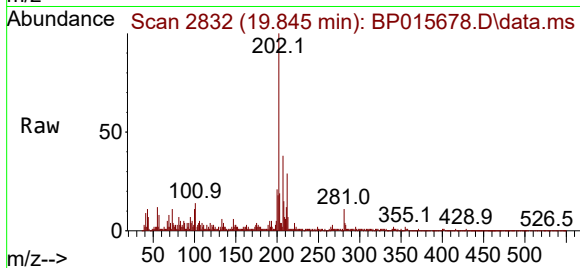
Tgt Ion:202 Resp: 63116

Ion Ratio Lower Upper

202 100

101 14.3 9.9 14.9

100 10.7 8.4 12.6



#83

Butylbenzylphthalate

Concen: 1.141 ng/ul

RT: 20.698 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

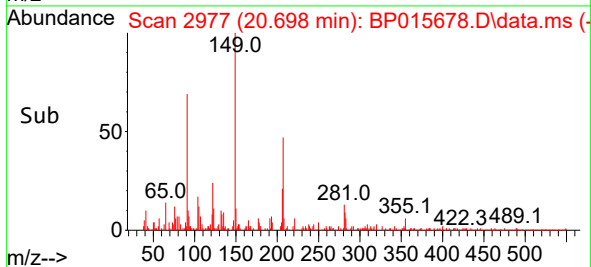
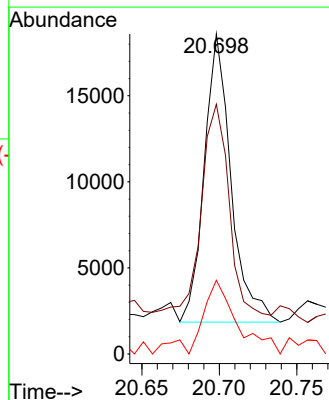
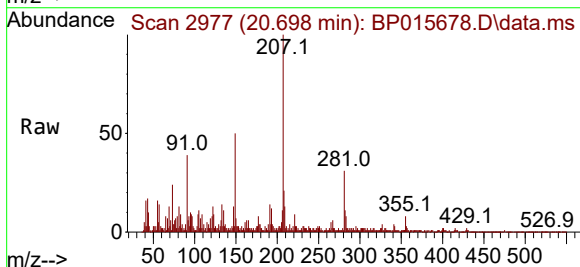
Tgt Ion:149 Resp: 20153

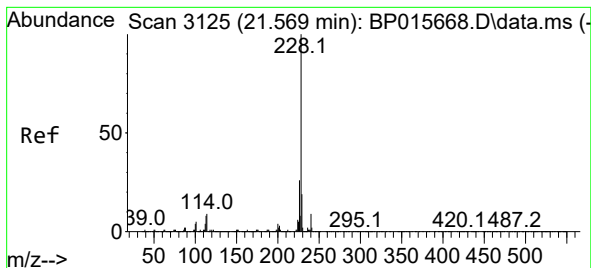
Ion Ratio Lower Upper

149 100

91 78.0 60.4 90.6

206 23.0 16.4 24.6





#85

Benzo(a)anthracene

Concen: 1.007 ng/ul

RT: 21.569 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

Instrument :

BNA_P

ClientSampleId :

DCFM5

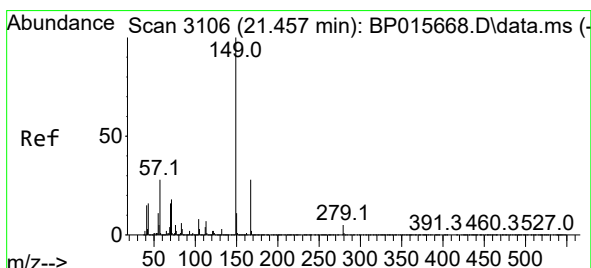
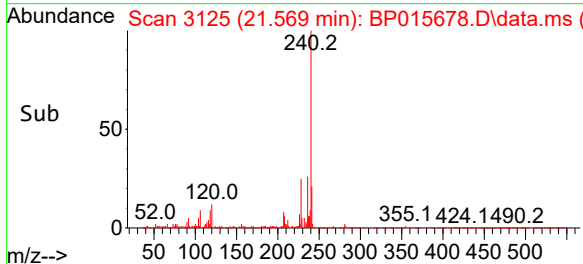
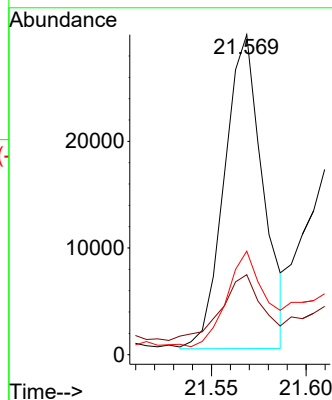
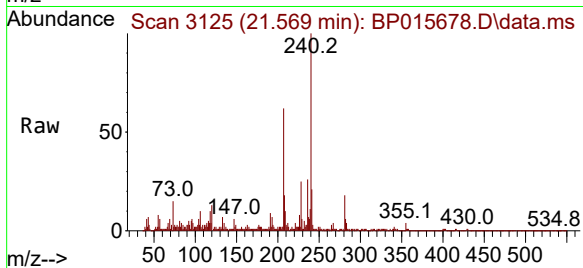
Tgt Ion:228 Resp: 41696

Ion Ratio Lower Upper

228 100

229 25.0 15.8 23.6#

226 32.4 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.133 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

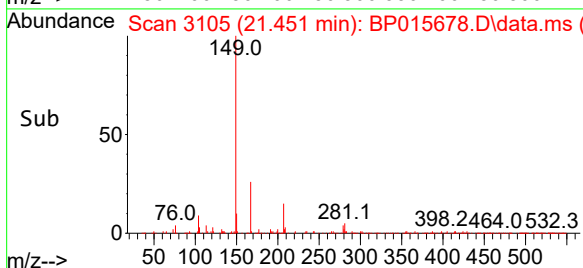
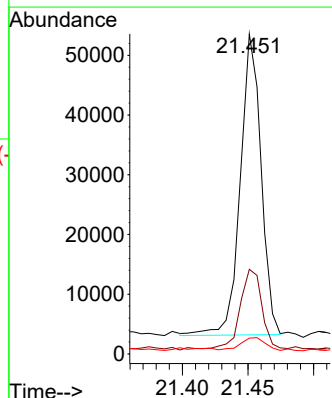
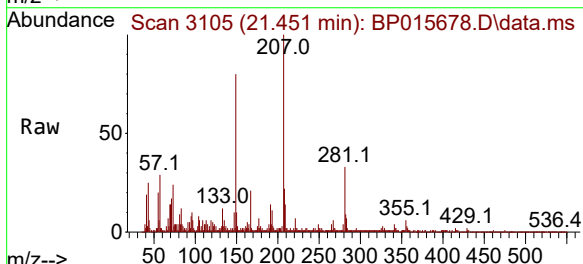
Tgt Ion:149 Resp: 55675

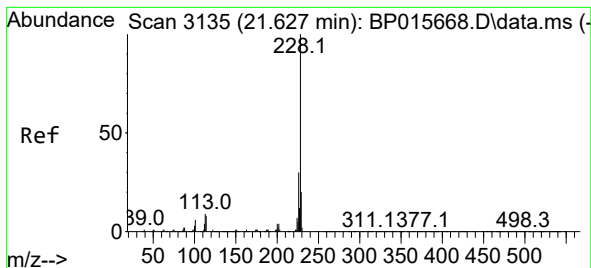
Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.8

279 5.0 3.7 5.5





#87

Chrysene

Concen: 1.347 ng/ul

RT: 21.622 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

Instrument :

BNA_P

ClientSampleId :

DCFM5

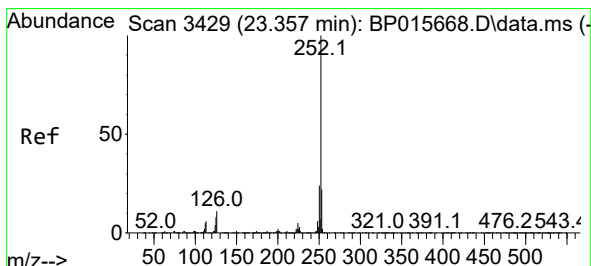
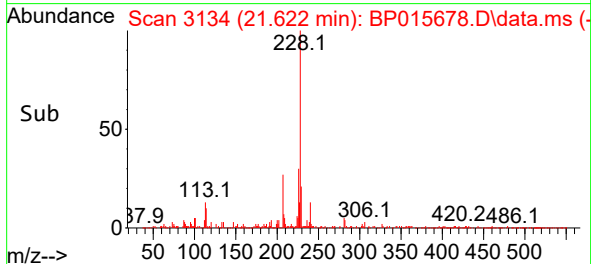
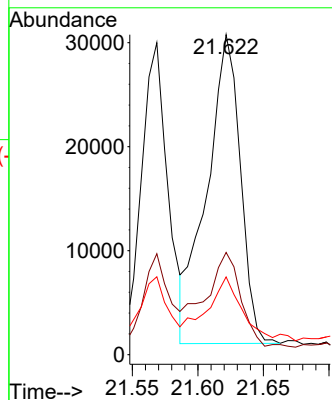
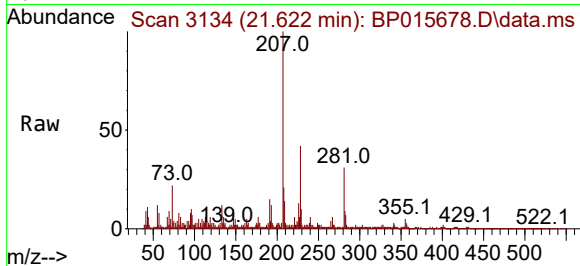
Tgt Ion:228 Resp: 52714

Ion Ratio Lower Upper

228 100

226 31.9 23.9 35.9

229 24.3 15.1 22.7#



#90

Benzo(b)fluoranthene

Concen: 1.724 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.012 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

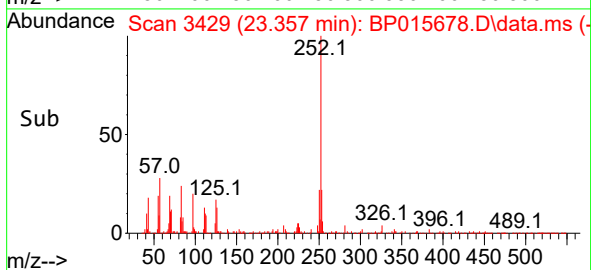
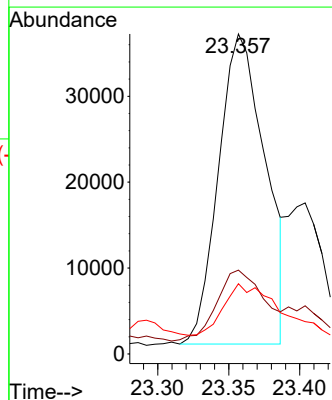
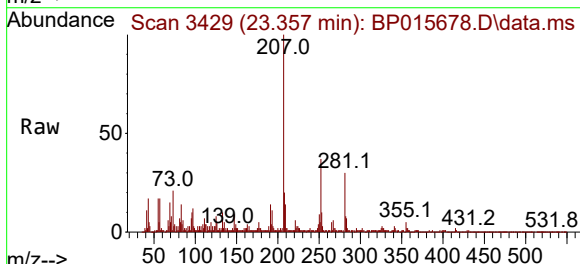
Tgt Ion:252 Resp: 82511

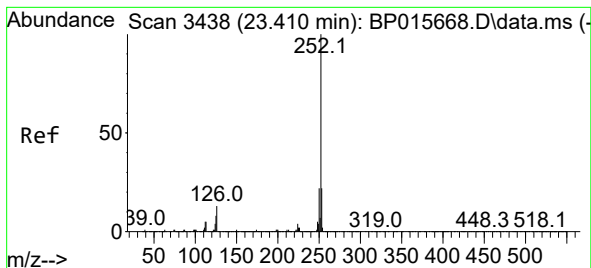
Ion Ratio Lower Upper

252 100

253 26.2 17.4 26.2#

125 21.9 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 1.784 ng/ul

RT: 23.357 min Scan# 3438

Delta R.T. -0.041 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

Instrument :

BNA_P

ClientSampleId :

DCFM5

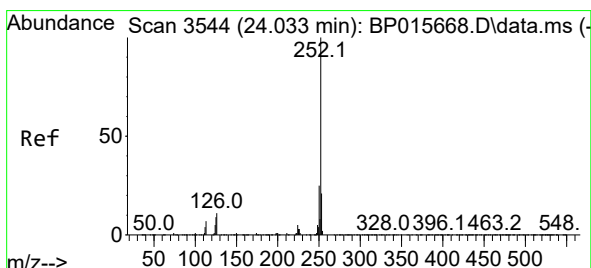
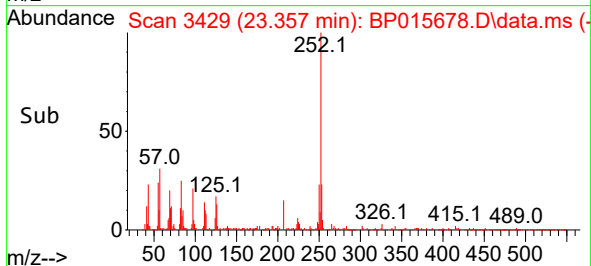
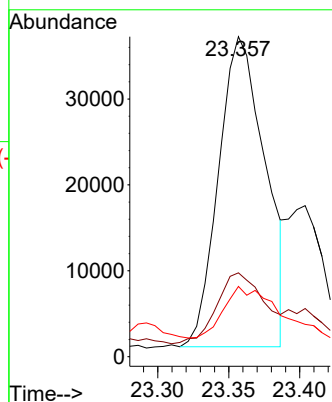
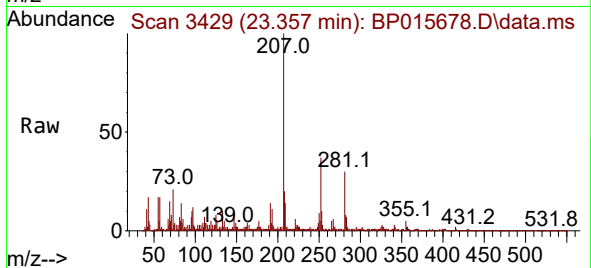
Tgt Ion:252 Resp: 82511

Ion Ratio Lower Upper

252 100

253 26.2 17.7 26.5

125 21.9 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 1.173 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP015678.D

Acq: 23 Jun 2023 18:53

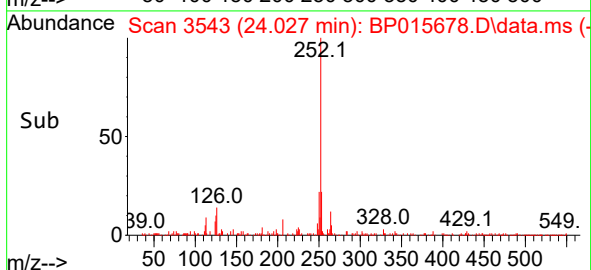
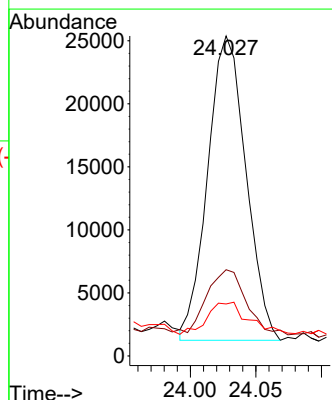
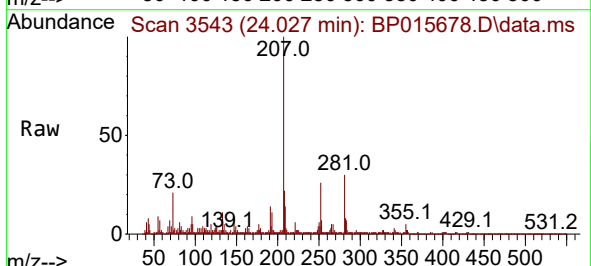
Tgt Ion:252 Resp: 48936

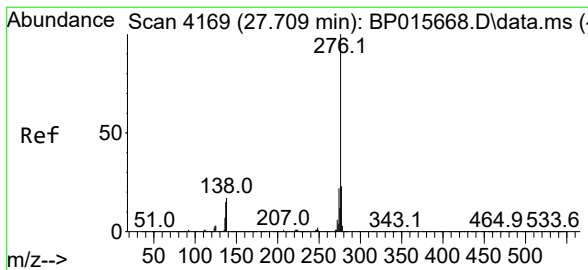
Ion Ratio Lower Upper

252 100

253 26.9 17.8 26.6#

125 16.2 8.1 12.1#





#96
 Benzo(g,h,i)perylene
 Concen: 1.068 ng/ul
 RT: 27.698 min Scan# 4167
 Delta R.T. 0.018 min
 Lab File: BP015678.D
 Acq: 23 Jun 2023 18:53

Instrument :
 BNA_P
 ClientSampleId :
 DCFM5

Tgt Ion:	276	Resp:	47500
Ion Ratio	Lower	Upper	
276	100		
138	18.8	15.6	23.4
277	25.9	19.0	28.6

