

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081623\
 Data File : BP016616.D
 Acq On : 16 Aug 2023 22:39
 Operator : MA/JU
 Sample : 03967-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48M6

Quant Time: Aug 17 00:49:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081423.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Aug 14 18:26:05 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

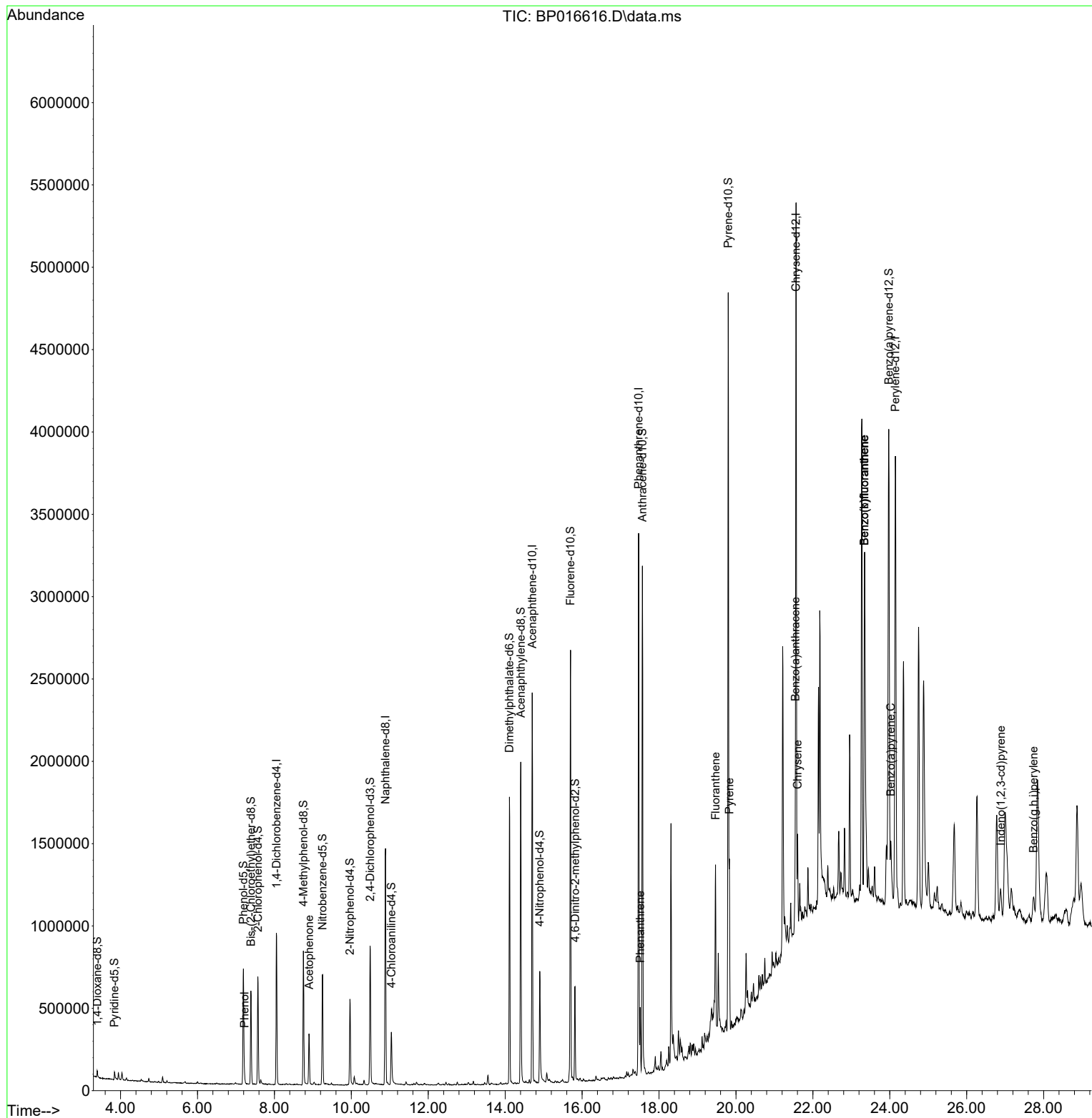
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	240566	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.887	136	1156604	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.704	164	759812	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1818188	20.000	ng/ul	0.00
79) Chrysene-d12	21.562	240	1884882	20.000	ng/ul	-0.01
88) Perylene-d12	24.145	264	2094933	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	21751	3.436	ng/uL	0.00
4) Pyridine-d5	3.840	84	24181	1.255	ng/ul	0.00
7) Phenol-d5	7.193	99	399287	18.003	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	258007	17.662	ng/ul	0.00
11) 2-Chlorophenol-d4	7.569	132	286125	17.962	ng/ul	-0.01
15) 4-Methylphenol-d8	8.751	113	297552	16.873	ng/ul	-0.01
21) Nitrobenzene-d5	9.251	128	149725	18.398	ng/ul	0.00
24) 2-Nitrophenol-d4	9.963	143	148660	19.233	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.487	165	296951	19.522	ng/ul	-0.01
31) 4-Chloroaniline-d4	11.039	131	184197	7.058	ng/ul	0.00
46) Dimethylphthalate-d6	14.110	166	1072093	19.508	ng/ul	-0.01
49) Acenaphthylene-d8	14.404	160	1221014	19.684	ng/ul	0.00
54) 4-Nitrophenol-d4	14.898	143	157116	14.034	ng/ul	0.00
60) Fluorene-d10	15.698	176	987147	21.070	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	102819	11.887	ng/ul	0.00
73) Anthracene-d10	17.569	188	1618681	20.582	ng/ul	0.00
81) Pyrene-d10	19.798	212	2102270	21.286	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	2122527	21.141	ng/ul	-0.01
Target Compounds						
					Qvalue	
8) Phenol	7.222	94	26222	1.106	ng/ul	96
16) Acetophenone	8.898	105	160745	5.645	ng/ul	99
72) Phenanthrene	17.510	178	220767	2.305	ng/ul	100
80) Fluoranthene	19.468	202	499176	4.235	ng/ul	99
82) Pyrene	19.827	202	559392	4.494	ng/ul	98
85) Benzo(a)anthracene	21.545	228	255034	2.013	ng/ul	97
87) Chrysene	21.604	228	333841	2.816	ng/ul	98
90) Benzo(b)fluoranthene	23.339	252	456431	3.659	ng/ul#	86
91) Benzo(k)fluoranthene	23.339	252	456431	3.688	ng/ul#	87
93) Benzo(a)pyrene	24.027	252	268433	2.281	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.886	276	207415	1.494	ng/ul	98
96) Benzo(g,h,i)perylene	27.739	276	215128	1.946	ng/ul	96

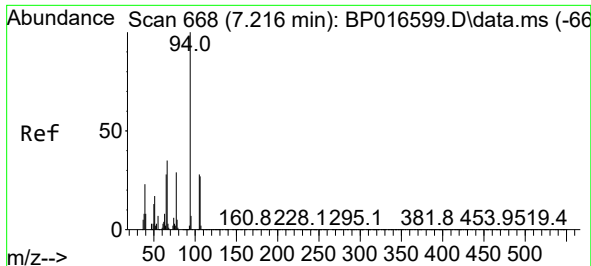
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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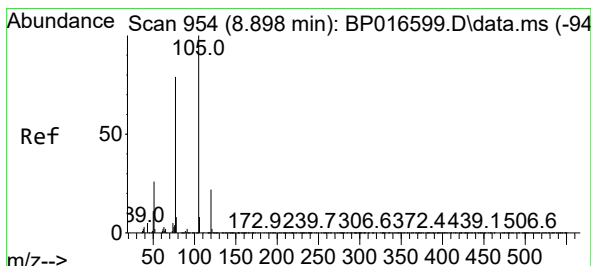
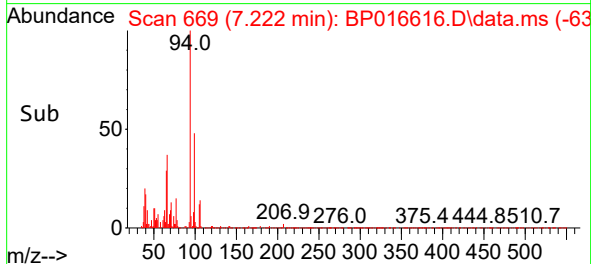
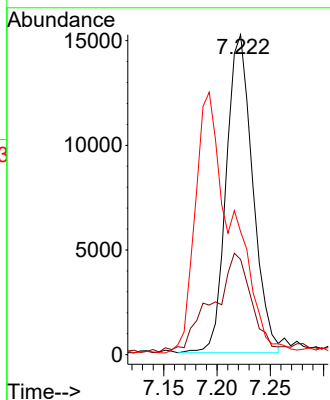
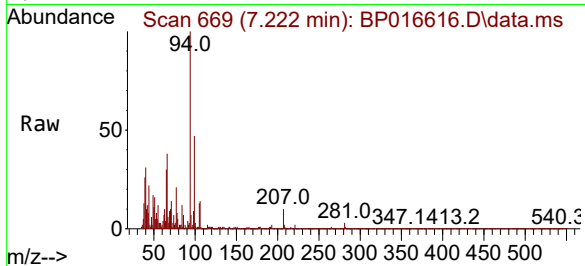




#8
Phenol
Concen: 1.106 ng/ul
RT: 7.222 min Scan# 60
Delta R.T. -0.000 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39

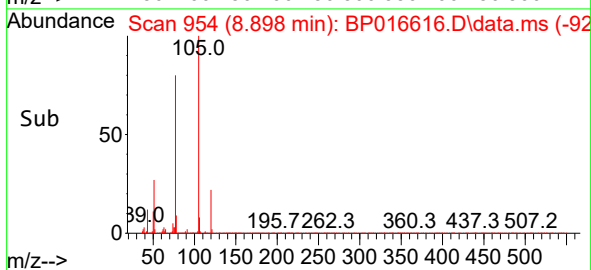
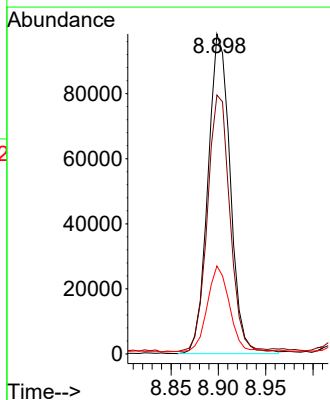
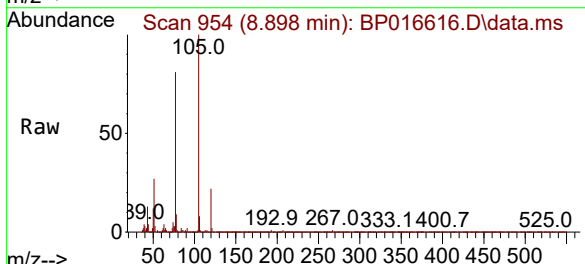
Instrument :
BNA_P
ClientSampleId :
A48M6

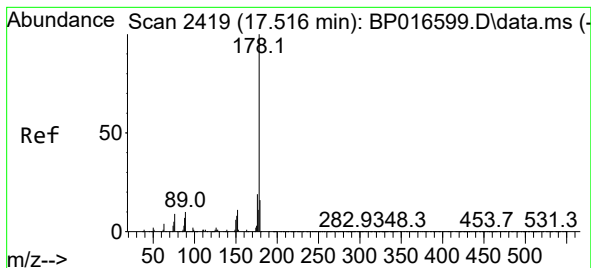
Tgt Ion: 94 Resp: 26222
Ion Ratio Lower Upper
94 100
65 29.7 22.3 33.5
66 38.4 28.7 43.1



#16
Acetophenone
Concen: 5.645 ng/ul
RT: 8.898 min Scan# 954
Delta R.T. -0.012 min
Lab File: BP016616.D
Acq: 16 Aug 2023 22:39

Tgt Ion: 105 Resp: 160745
Ion Ratio Lower Upper
105 100
77 80.9 64.4 96.6
51 27.5 21.2 31.8





#72

Phenanthrene

Concen: 2.305 ng/ul

RT: 17.510 min Scan# 2419

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

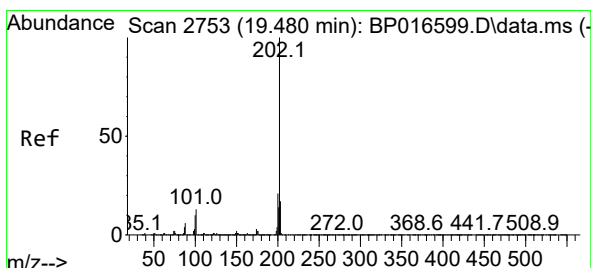
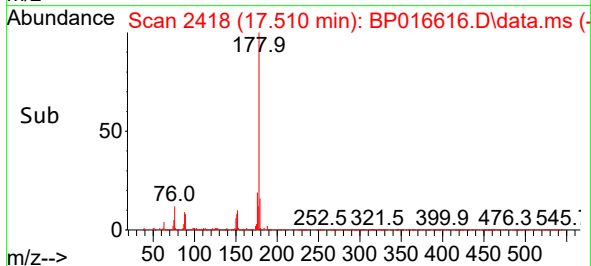
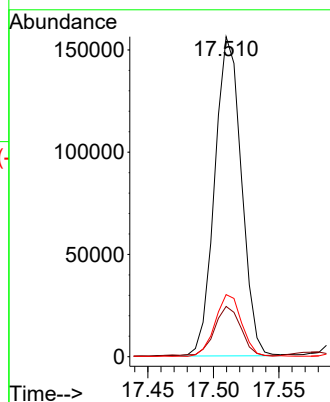
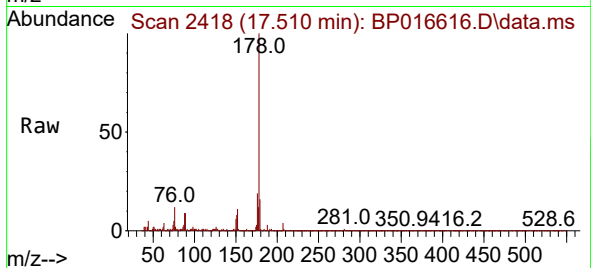
Tgt Ion:178 Resp: 220767

Ion Ratio Lower Upper

178 100

179 15.7 12.4 18.6

176 19.4 15.5 23.3



#80

Fluoranthene

Concen: 4.235 ng/ul

RT: 19.468 min Scan# 2751

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

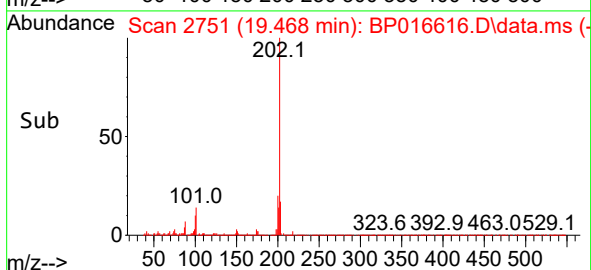
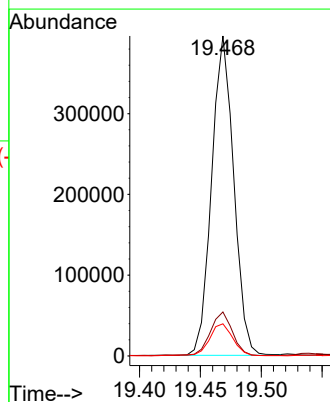
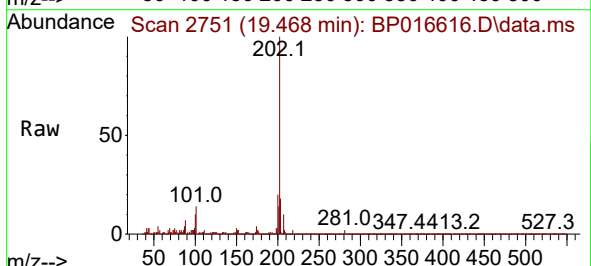
Tgt Ion:202 Resp: 499176

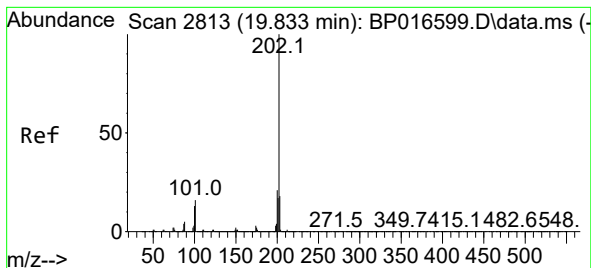
Ion Ratio Lower Upper

202 100

101 13.7 10.6 16.0

100 10.1 8.1 12.1





#82

Pyrene

Concen: 4.494 ng/ul

RT: 19.827 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

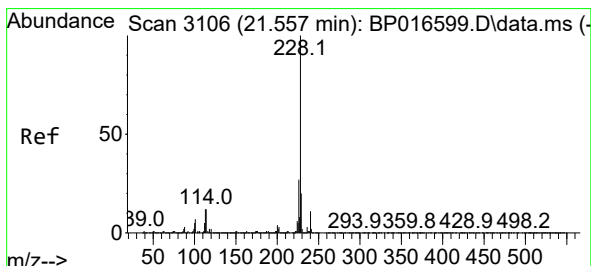
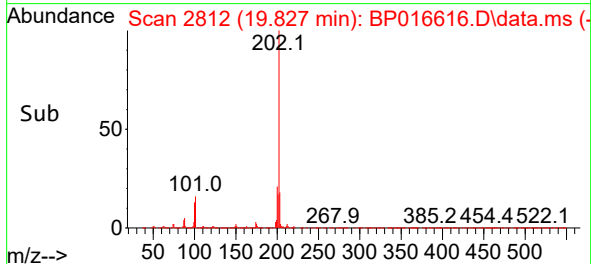
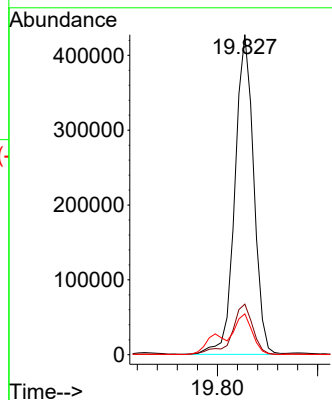
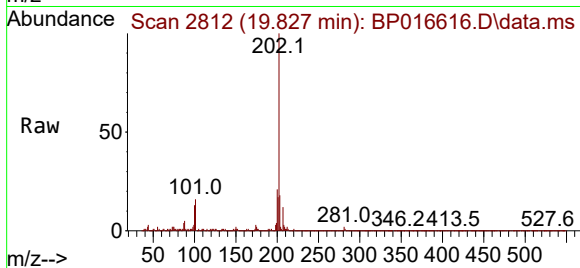
Tgt Ion:202 Resp: 559392

Ion Ratio Lower Upper

202 100

101 15.8 13.4 20.2

100 12.7 11.0 16.4



#85

Benzo(a)anthracene

Concen: 2.013 ng/ul

RT: 21.545 min Scan# 3104

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

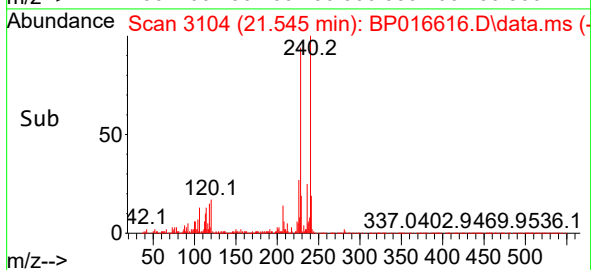
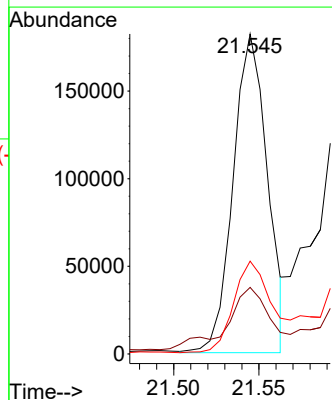
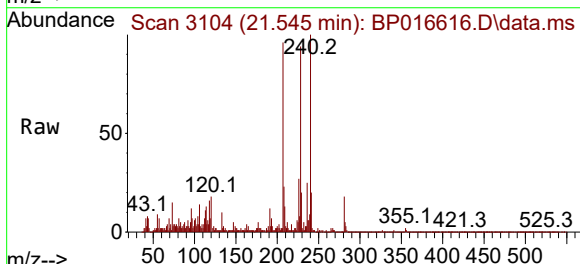
Tgt Ion:228 Resp: 255034

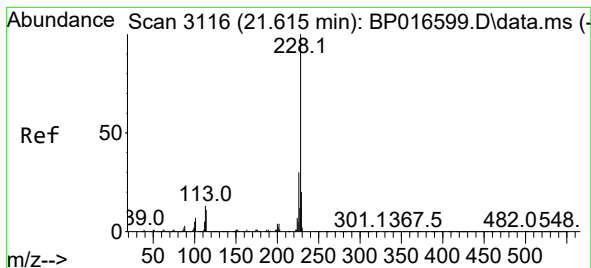
Ion Ratio Lower Upper

228 100

229 20.8 15.8 23.6

226 29.0 21.8 32.6





#87

Chrysene

Concen: 2.816 ng/ul

RT: 21.604 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

BNA_P

ClientSampleId :

A48M6

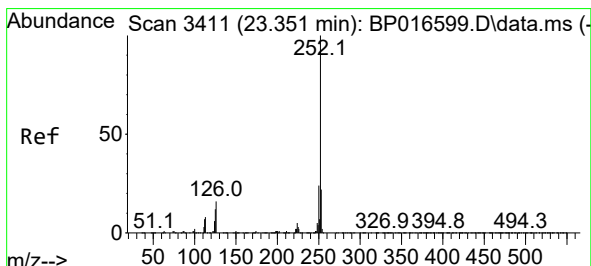
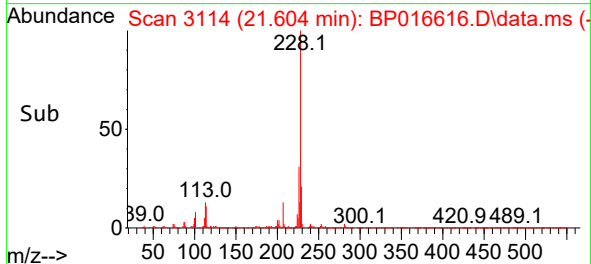
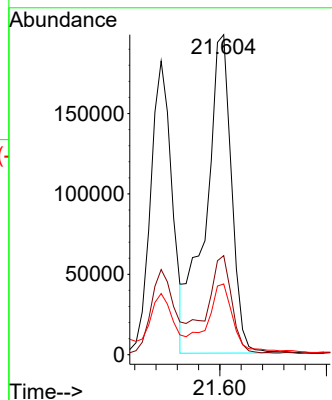
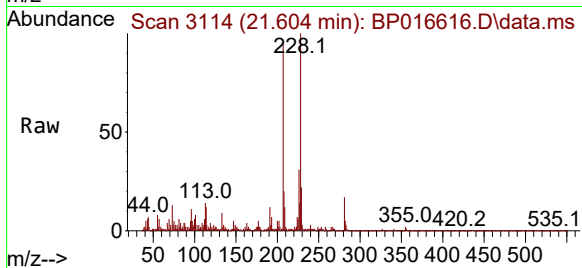
Tgt Ion:228 Resp: 333841

Ion Ratio Lower Upper

228 100

226 30.9 24.6 36.8

229 22.1 16.4 24.6



#90

Benzo(b)fluoranthene

Concen: 3.659 ng/ul

RT: 23.339 min Scan# 3409

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

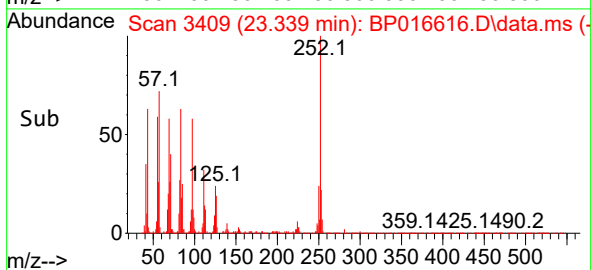
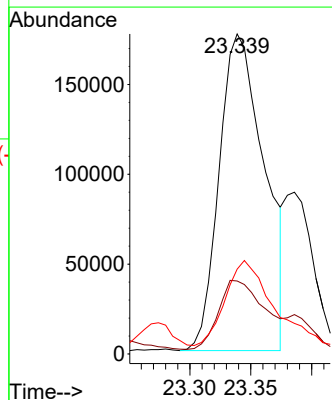
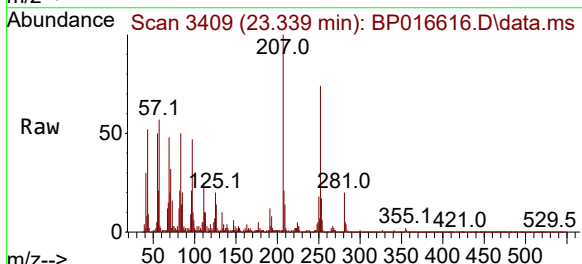
Tgt Ion:252 Resp: 456431

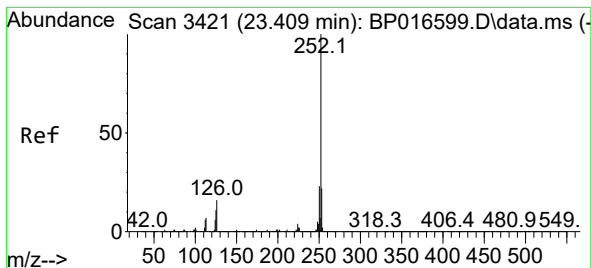
Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 26.5 10.0 15.0#





#91

Benzo(k)fluoranthene

Concen: 3.688 ng/ul

RT: 23.339 min Scan# 34

Delta R.T. -0.065 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Instrument :

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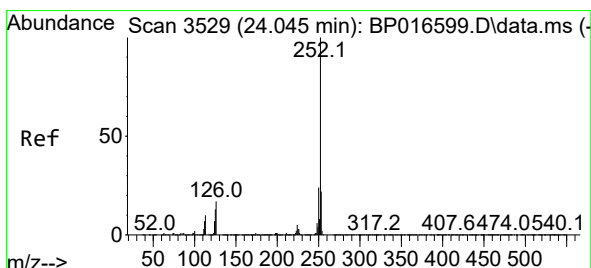
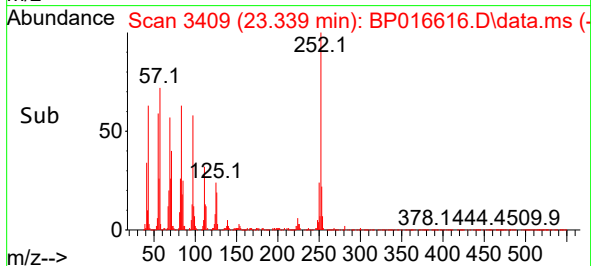
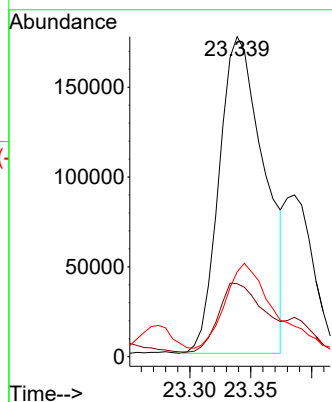
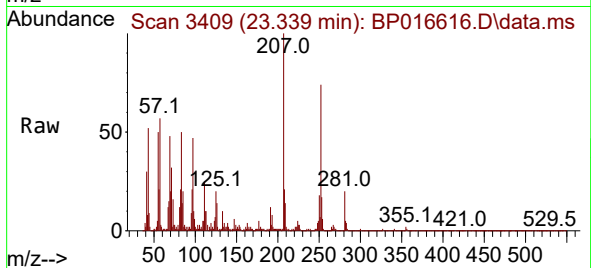
Tgt Ion:252 Resp: 456431

Ion Ratio Lower Upper

252 100

253 22.8 18.0 27.0

125 26.5 9.8 14.8#



#93

Benzo(a)pyrene

Concen: 2.281 ng/ul

RT: 24.027 min Scan# 3526

Delta R.T. -0.012 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

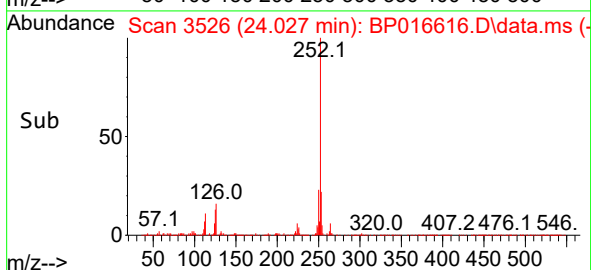
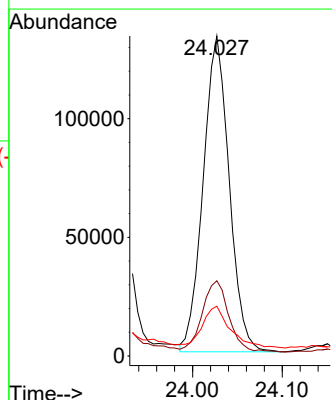
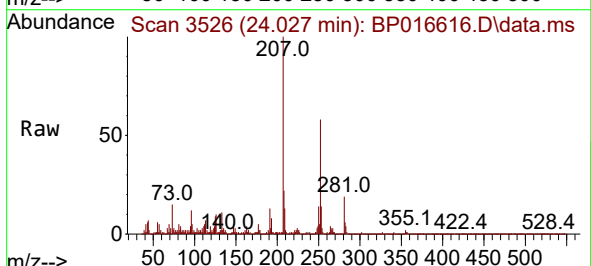
Tgt Ion:252 Resp: 268433

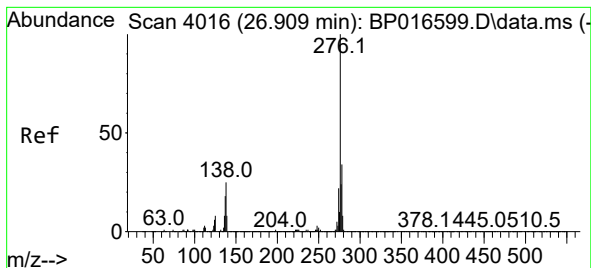
Ion Ratio Lower Upper

252 100

253 23.5 17.7 26.5

125 15.5 10.6 15.8





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.494 ng/ul

RT: 26.886 min Scan# 4016

Delta R.T. -0.024 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

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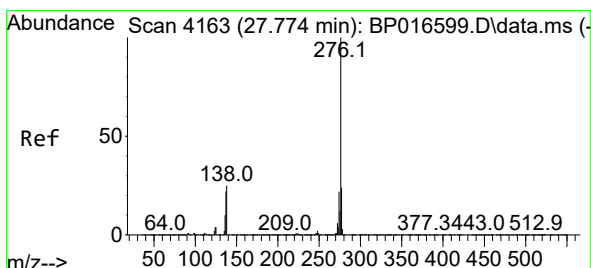
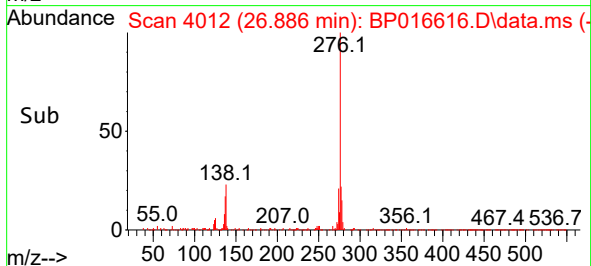
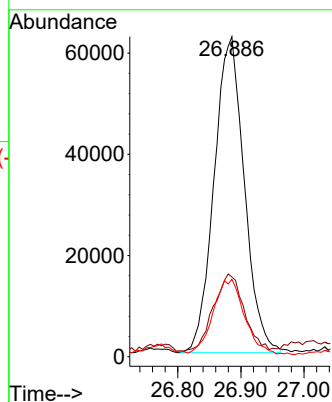
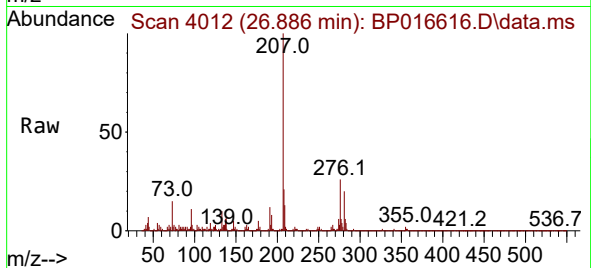
Tgt Ion:276 Resp: 207415

Ion Ratio Lower Upper

276 100

138 24.9 21.7 32.5

277 24.2 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 1.946 ng/ul

RT: 27.739 min Scan# 4157

Delta R.T. -0.036 min

Lab File: BP016616.D

Acq: 16 Aug 2023 22:39

Tgt Ion:276 Resp: 215128

Ion Ratio Lower Upper

276 100

138 23.4 21.5 32.3

277 24.5 19.3 28.9

