

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081523\
 Data File : BP016590.D
 Acq On : 15 Aug 2023 11:37
 Operator : MA/JU
 Sample : 03962-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0AF4

Quant Time: Aug 15 17:38:27 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)

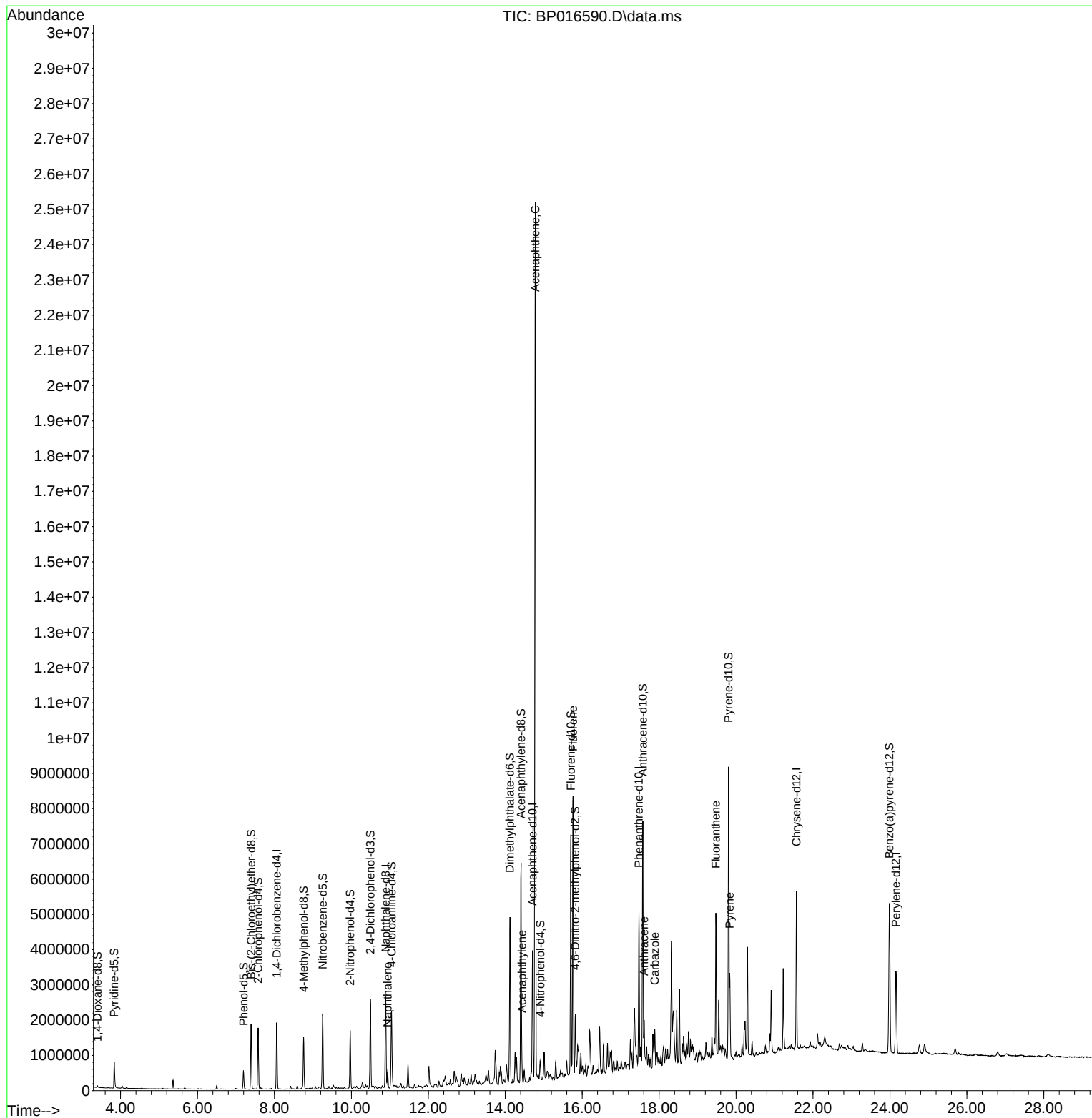
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.057	152	478318	20.000	ng/u1	0.00
20) Naphthalene-d8	10.893	136	2073303	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.710	164	1195403	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.475	188	2460018	20.000	ng/u1	0.00
79) Chrysene-d12	21.568	240	1910805	20.000	ng/u1	0.00
88) Perylene-d12	24.157	264	1809331	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	24366	1.936	ng/uL	0.00
4) Pyridine-d5	3.834	84	408611	10.669	ng/u1	0.00
7) Phenol-d5	7.193	99	291192	6.603	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	801509	27.596	ng/u1	0.00
11) 2-Chlorophenol-d4	7.575	132	734236	23.182	ng/u1	0.00
15) 4-Methylphenol-d8	8.757	113	535008	15.258	ng/u1	0.00
21) Nitrobenzene-d5	9.251	128	485670	33.292	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	479541	34.609	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.493	165	844312	30.964	ng/u1	0.00
31) 4-Chloroaniline-d4	11.046	131	1124528	24.036	ng/u1	0.00
46) Dimethylphthalate-d6	14.122	166	2933362	33.926	ng/u1	0.00
49) Acenaphthylene-d8	14.410	160	3363681	34.467	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	98572	5.596	ng/u1	0.00
60) Fluorene-d10	15.704	176	2457974	33.346	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.822	200	306571	26.196	ng/u1	0.00
73) Anthracene-d10	17.575	188	3754945	35.288	ng/u1	0.00
81) Pyrene-d10	19.804	212	3971874	39.670	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.986	264	3052483	35.203	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.940	128	359338	3.317	ng/u1	99
50) Acenaphthylene	14.434	152	146843	1.278	ng/u1#	88
52) Acenaphthene	14.781	153	10637978	138.271	ng/u1	99
61) Fluorene	15.763	166	3460747	40.208	ng/u1	99
74) Anthracene	17.610	178	534849	4.109	ng/u1	98
77) Carbazole	17.886	167	590182	4.920	ng/u1	98
80) Fluoranthene	19.474	202	2256243	18.881	ng/u1	99
82) Pyrene	19.833	202	1167811	9.255	ng/u1	98

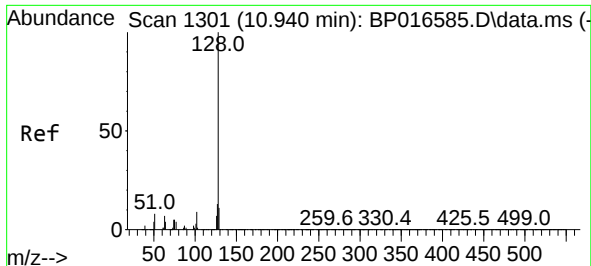
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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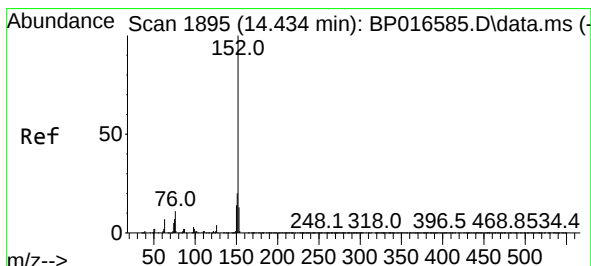
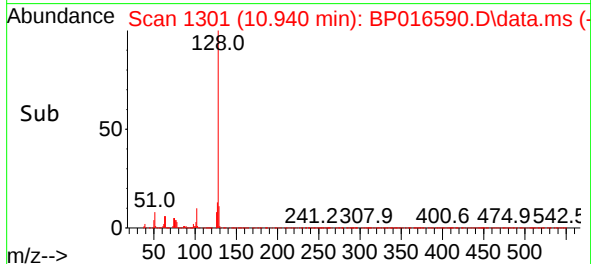
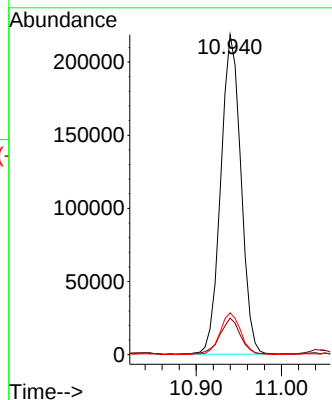
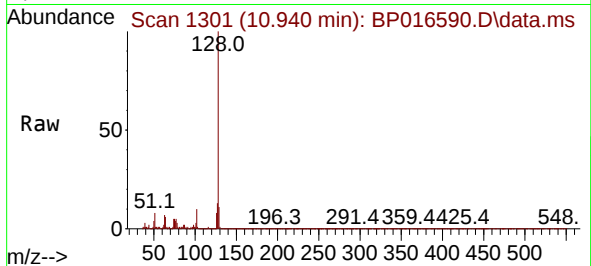




#30
Naphthalene
Concen: 3.317 ng/ul
RT: 10.940 min Scan# 1301
Delta R.T. -0.006 min
Lab File: BP016590.D
Acq: 15 Aug 2023 11:37

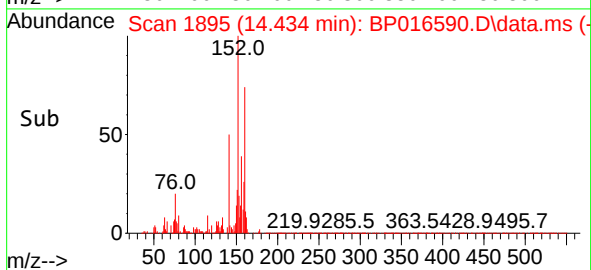
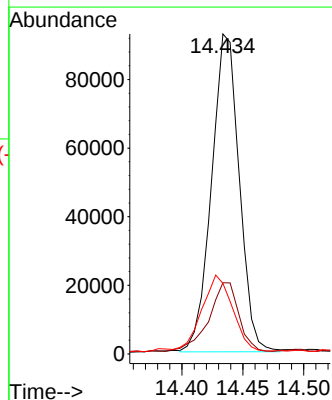
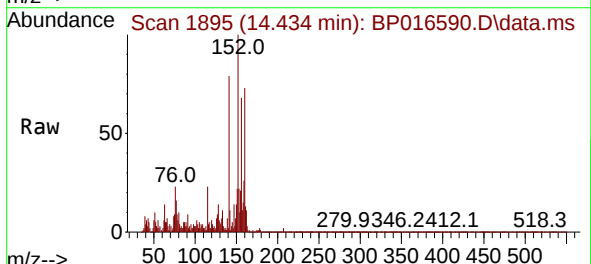
Instrument :
BNA_P
ClientSampleId :
C0AF4

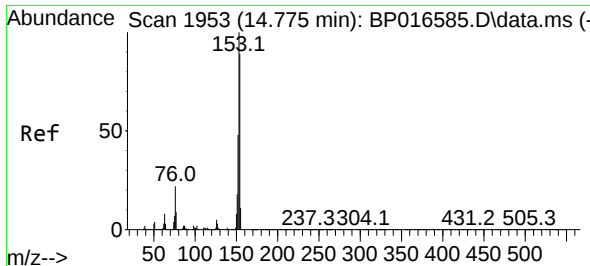
Tgt Ion:128 Resp: 359338
Ion Ratio Lower Upper
128 100
129 11.4 8.6 13.0
127 13.1 10.3 15.5



#50
Acenaphthylene
Concen: 1.278 ng/ul
RT: 14.434 min Scan# 1895
Delta R.T. -0.006 min
Lab File: BP016590.D
Acq: 15 Aug 2023 11:37

Tgt Ion:152 Resp: 146843
Ion Ratio Lower Upper
152 100
151 22.2 15.7 23.5
153 22.0 10.6 15.8#

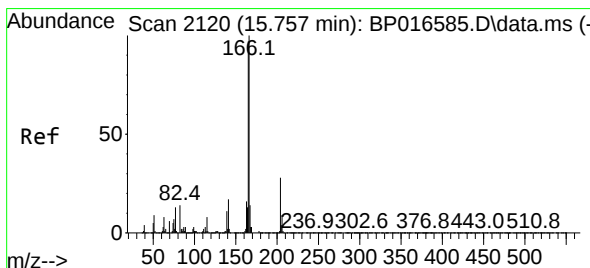
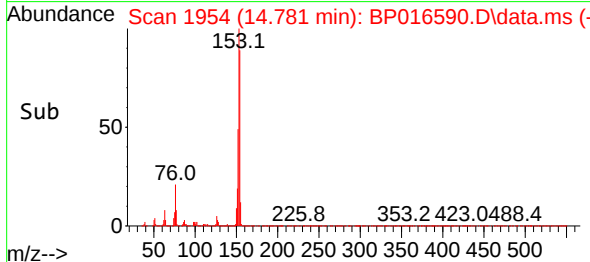
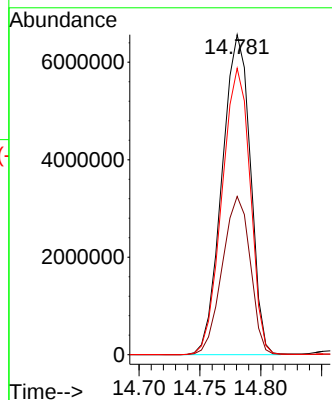
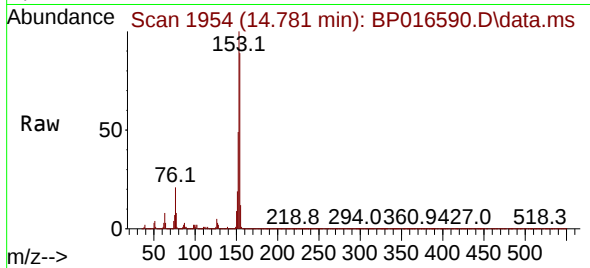




#52
Acenaphthene
Concen: 138.271 ng/ul
RT: 14.781 min Scan# 1954
Delta R.T. 0.006 min
Lab File: BP016590.D
Acq: 15 Aug 2023 11:37

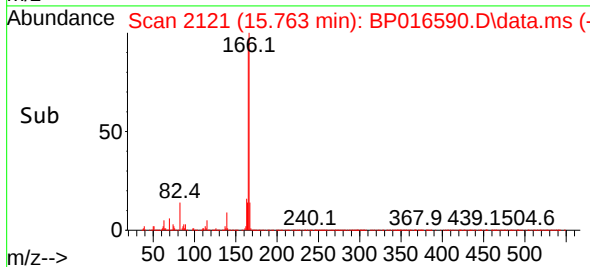
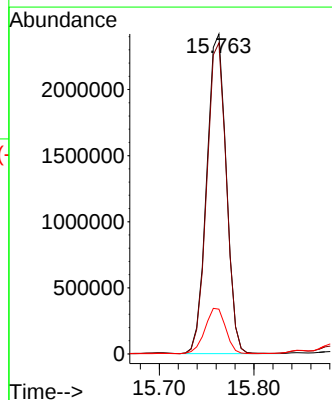
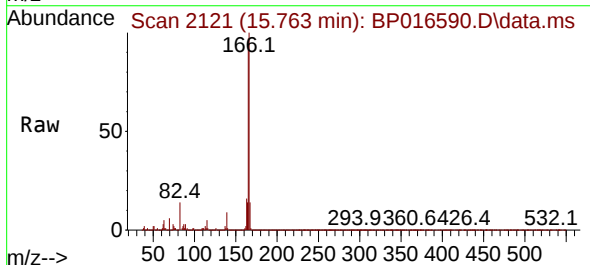
Instrument :
BNA_P
ClientSampleId :
C0AF4

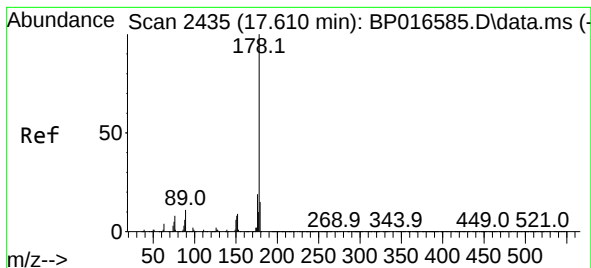
Tgt Ion:153 Resp:10637978
Ion Ratio Lower Upper
153 100
152 49.4 38.7 58.1
154 89.5 72.0 108.0



#61
Fluorene
Concen: 40.208 ng/ul
RT: 15.763 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BP016590.D
Acq: 15 Aug 2023 11:37

Tgt Ion:166 Resp: 3460747
Ion Ratio Lower Upper
166 100
165 97.2 78.3 117.5
167 14.0 10.8 16.2





#74

Anthracene

Concen: 4.109 ng/ul

RT: 17.610 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP016590.D

Acq: 15 Aug 2023 11:37

Instrument :

BNA_P

ClientSampleId :

C0AF4

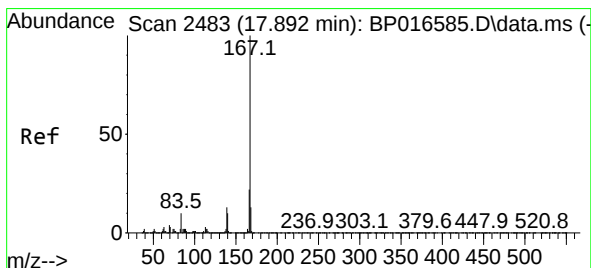
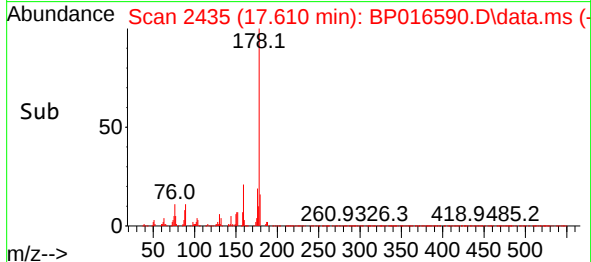
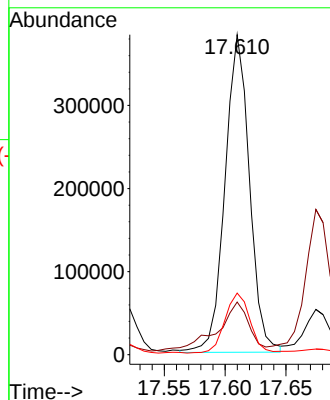
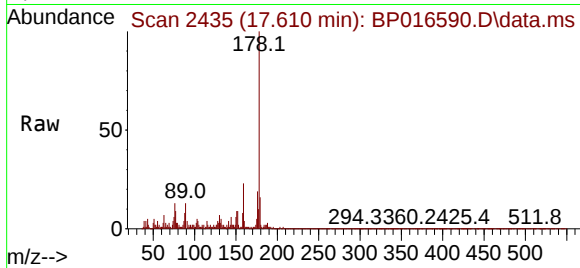
Tgt Ion:178 Resp: 534849

Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

176 19.3 14.9 22.3



#77

Carbazole

Concen: 4.920 ng/ul

RT: 17.886 min Scan# 2482

Delta R.T. -0.006 min

Lab File: BP016590.D

Acq: 15 Aug 2023 11:37

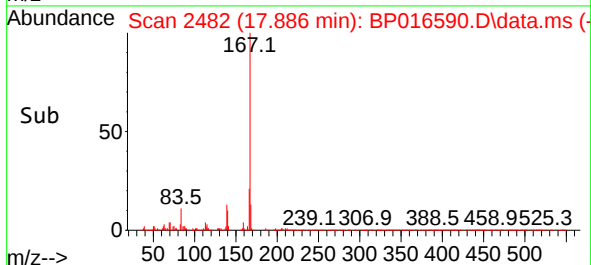
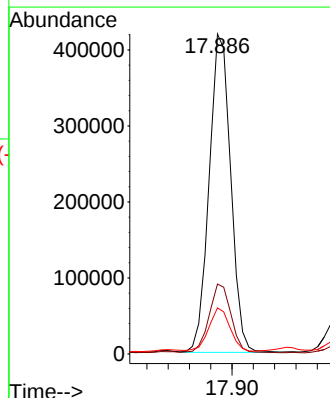
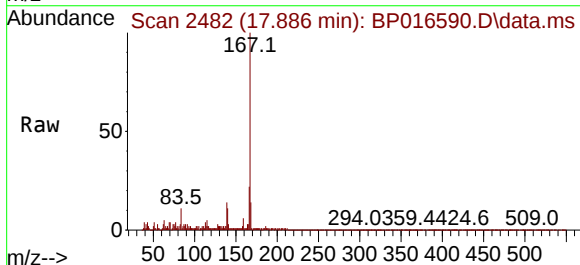
Tgt Ion:167 Resp: 590182

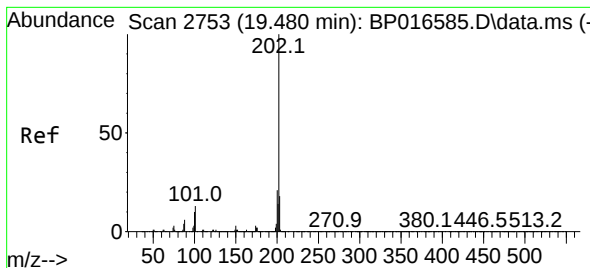
Ion Ratio Lower Upper

167 100

166 21.9 16.8 25.2

139 14.4 10.6 16.0





#80

Fluoranthene

Concen: 18.881 ng/ul

RT: 19.474 min Scan# 2753

Delta R.T. -0.006 min

Lab File: BP016590.D

Acq: 15 Aug 2023 11:37

Instrument :

BNA_P

ClientSampleId :

C0AF4

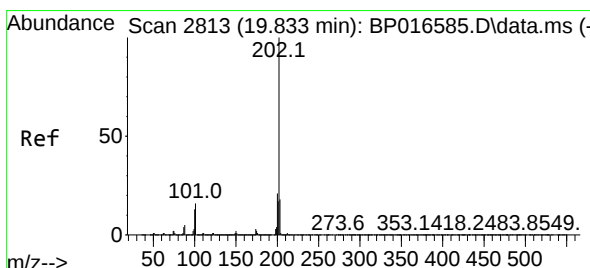
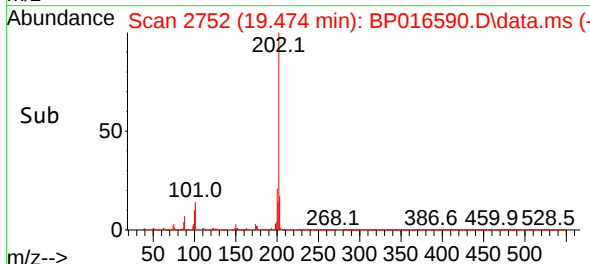
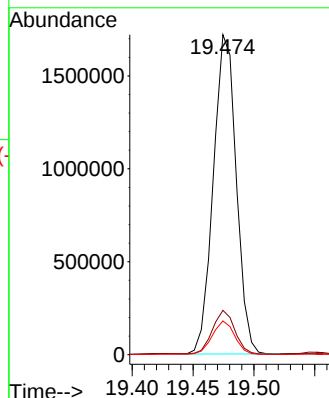
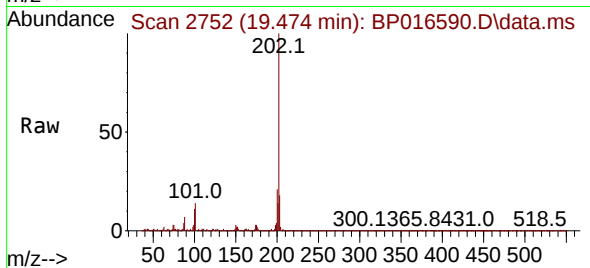
Tgt Ion:202 Resp: 2256243

Ion Ratio Lower Upper

202 100

101 13.8 10.6 16.0

100 10.6 8.1 12.1



#82

Pyrene

Concen: 9.255 ng/ul

RT: 19.833 min Scan# 2813

Delta R.T. -0.000 min

Lab File: BP016590.D

Acq: 15 Aug 2023 11:37

Tgt Ion:202 Resp: 1167811

Ion Ratio Lower Upper

202 100

101 15.6 13.4 20.2

100 12.8 11.0 16.4

