

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081423\
 Data File : BP016574.D
 Acq On : 14 Aug 2023 22:58
 Operator : MA/JU
 Sample : 03965-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A48K1

Quant Time: Aug 15 00:17:32 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

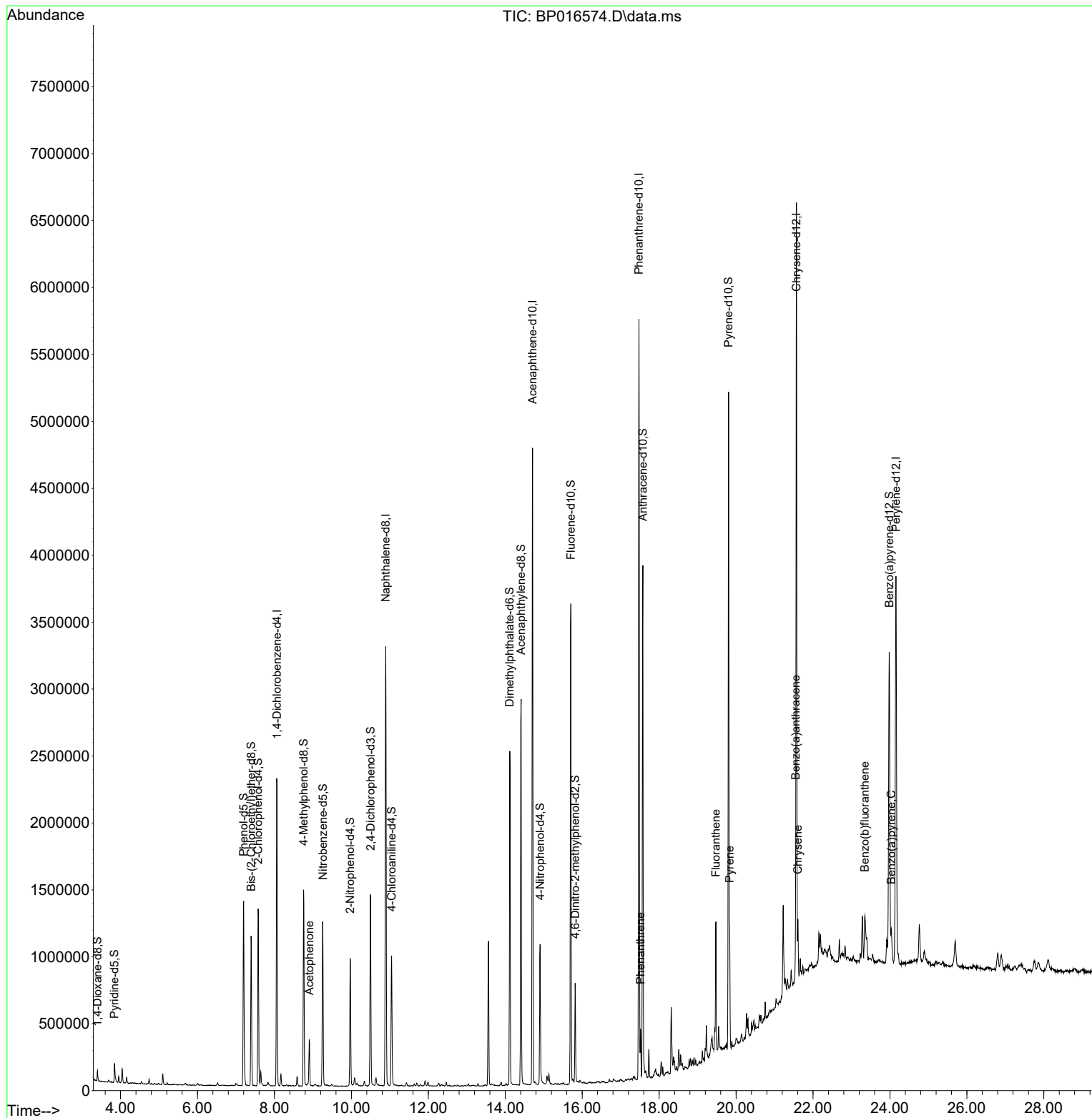
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.064	152	597063	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	2628395	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	1537386	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	3217794	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	2491799	20.000	ng/ul	0.00
88) Perylene-d12	24.157	264	2271809	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	37926	2.414	ng/uL	0.00
4) Pyridine-d5	3.840	84	76659	1.604	ng/ul	0.00
7) Phenol-d5	7.199	99	771121	14.009	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.393	67	491900	13.568	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	569215	14.397	ng/ul	0.00
15) 4-Methylphenol-d8	8.758	113	534374	12.209	ng/ul	0.00
21) Nitrobenzene-d5	9.258	128	276489	14.950	ng/ul	0.00
24) 2-Nitrophenol-d4	9.969	143	282358	16.075	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.499	165	501593	14.510	ng/ul	0.00
31) 4-Chloroaniline-d4	11.046	131	503156	8.483	ng/ul	0.00
46) Dimethylphthalate-d6	14.116	166	1533252	13.788	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1794946	14.301	ng/ul	0.00
54) 4-Nitrophenol-d4	14.904	143	235736	10.407	ng/ul	0.00
60) Fluorene-d10	15.704	176	1348211	14.222	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	126251	8.247	ng/ul	0.00
73) Anthracene-d10	17.575	188	2001202	14.378	ng/ul	0.00
81) Pyrene-d10	19.804	212	2306945	17.669	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.980	264	1668881	15.329	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.905	105	175391	2.482	ng/ul	98
72) Phenanthrene	17.516	178	200951	1.185	ng/ul	99
80) Fluoranthene	19.475	202	515293	3.307	ng/ul	100
82) Pyrene	19.833	202	461860	2.807	ng/ul	97
85) Benzo(a)anthracene	21.551	228	244638	1.461	ng/ul	98
87) Chrysene	21.604	228	246314	1.572	ng/ul	97
90) Benzo(b)fluoranthene	23.345	252	284097	2.100	ng/ul#	96
93) Benzo(a)pyrene	24.033	252	181043	1.419	ng/ul	96

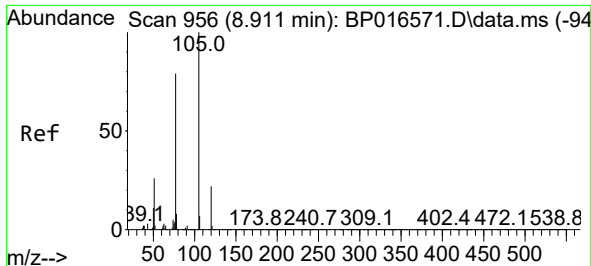
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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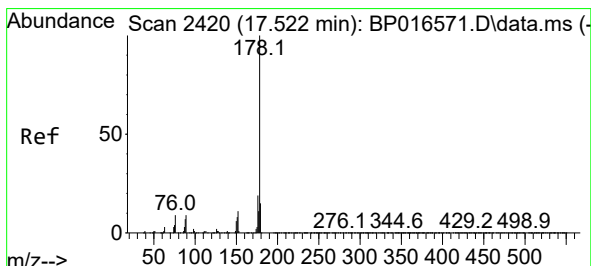
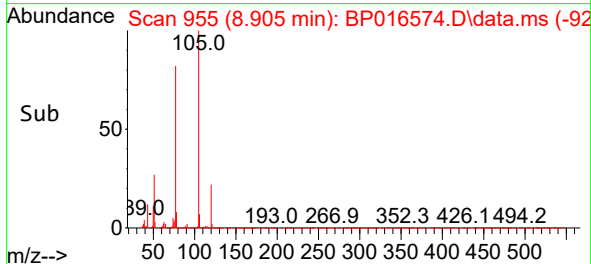
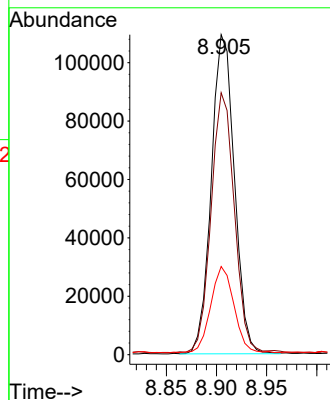
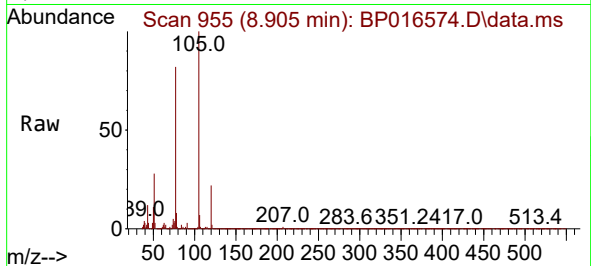




#16
Acetophenone
Concen: 2.482 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP016574.D
Acq: 14 Aug 2023 22:58

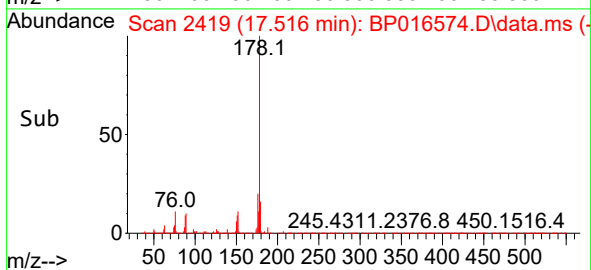
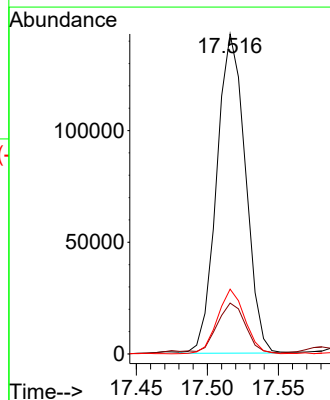
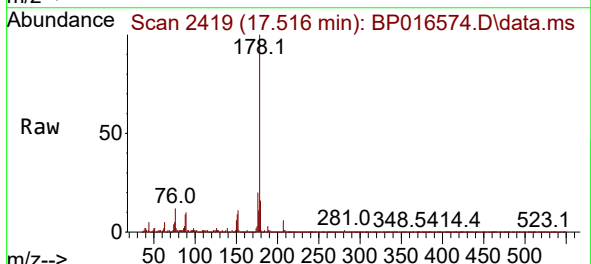
Instrument :
BNA_P
ClientSampleId :
A48K1

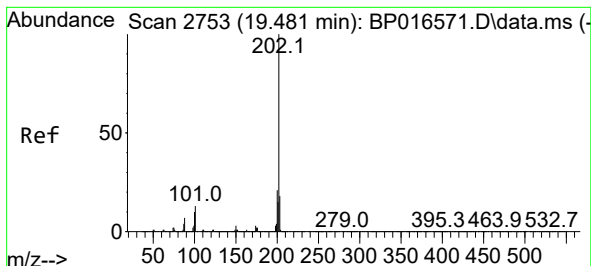
Tgt Ion:105 Resp: 175391
Ion Ratio Lower Upper
105 100
77 81.9 64.4 96.6
51 27.6 21.2 31.8



#72
Phenanthrene
Concen: 1.185 ng/ul
RT: 17.516 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP016574.D
Acq: 14 Aug 2023 22:58

Tgt Ion:178 Resp: 200951
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 20.2 15.5 23.3





#80

Fluoranthene

Concen: 3.307 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP016574.D

Acq: 14 Aug 2023 22:58

Instrument :

BNA_P

ClientSampleId :

A48K1

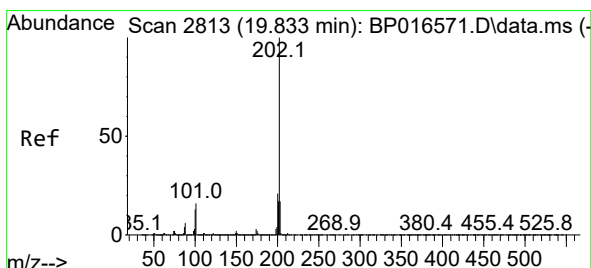
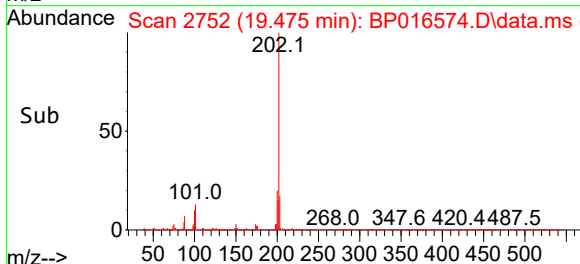
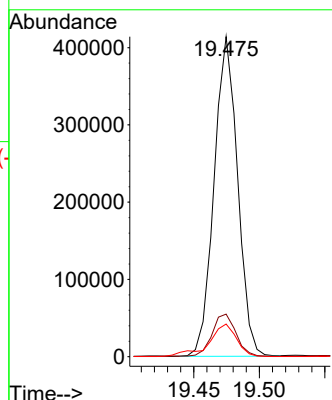
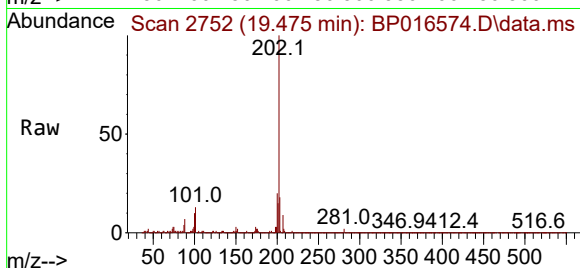
Tgt Ion:202 Resp: 515293

Ion Ratio Lower Upper

202 100

101 13.3 10.6 16.0

100 10.2 8.1 12.1



#82

Pyrene

Concen: 2.807 ng/ul

RT: 19.833 min Scan# 2813

Delta R.T. 0.000 min

Lab File: BP016574.D

Acq: 14 Aug 2023 22:58

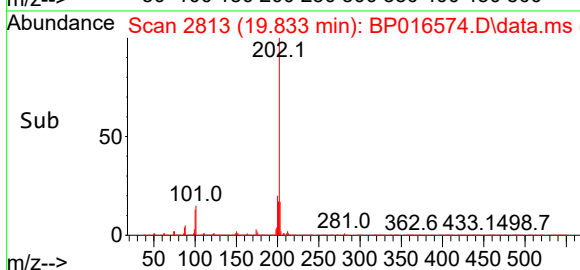
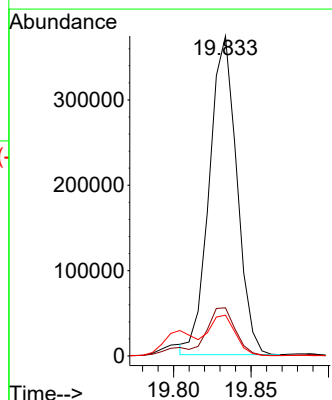
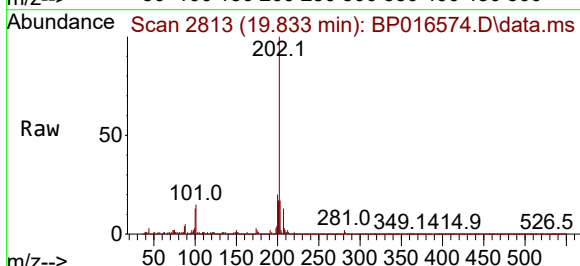
Tgt Ion:202 Resp: 461860

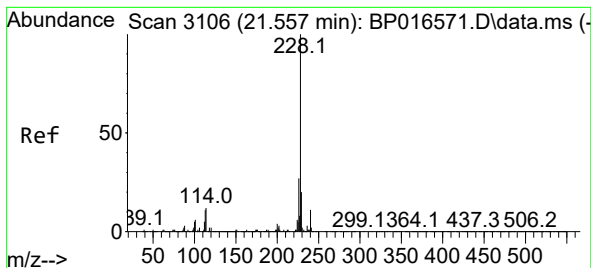
Ion Ratio Lower Upper

202 100

101 15.1 13.4 20.2

100 12.8 11.0 16.4





#85

Benzo(a)anthracene

Concen: 1.461 ng/ul

RT: 21.551 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP016574.D

Acq: 14 Aug 2023 22:58

Instrument :

BNA_P

ClientSampleId :

A48K1

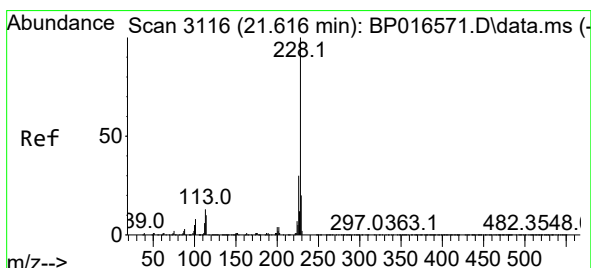
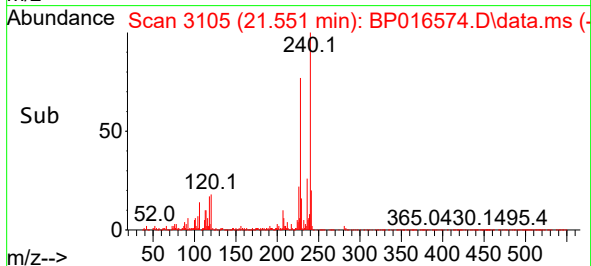
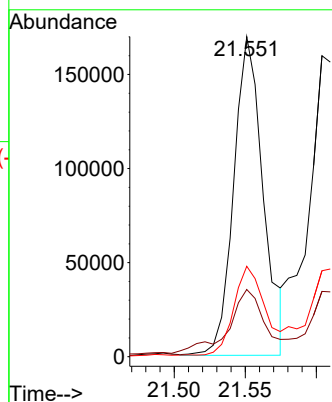
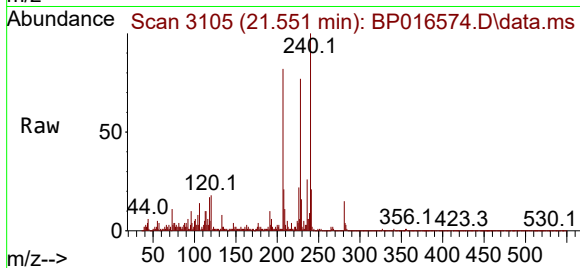
Tgt Ion:228 Resp: 244638

Ion Ratio Lower Upper

228 100

229 21.0 15.8 23.6

226 28.3 21.8 32.6



#87

Chrysene

Concen: 1.572 ng/ul

RT: 21.604 min Scan# 3114

Delta R.T. -0.006 min

Lab File: BP016574.D

Acq: 14 Aug 2023 22:58

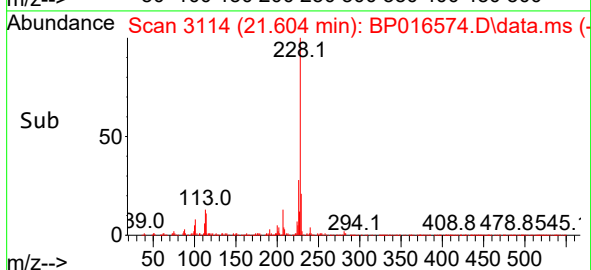
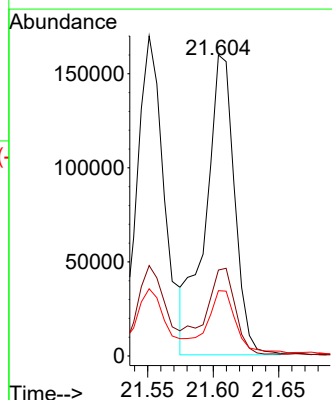
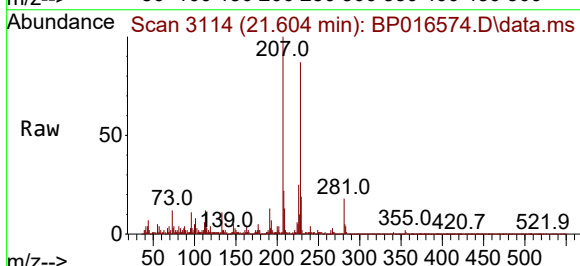
Tgt Ion:228 Resp: 246314

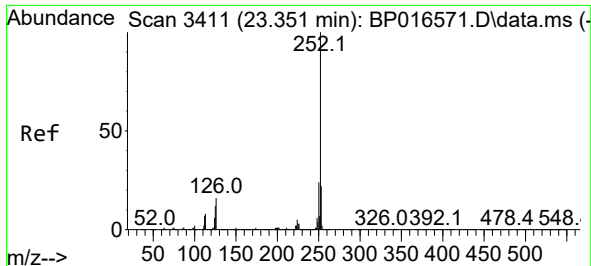
Ion Ratio Lower Upper

228 100

226 28.5 24.6 36.8

229 21.7 16.4 24.6

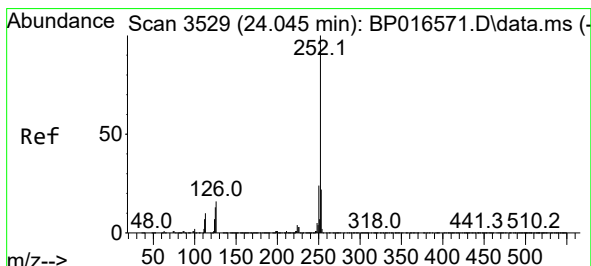
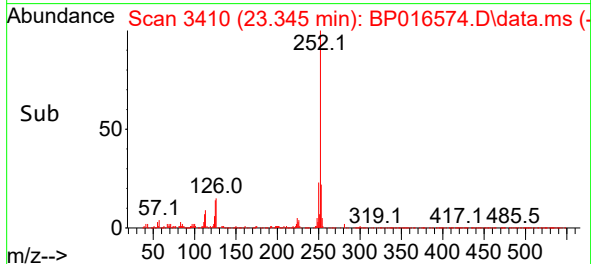
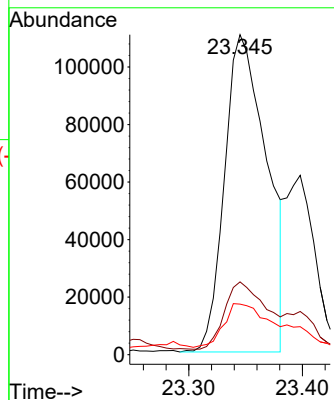
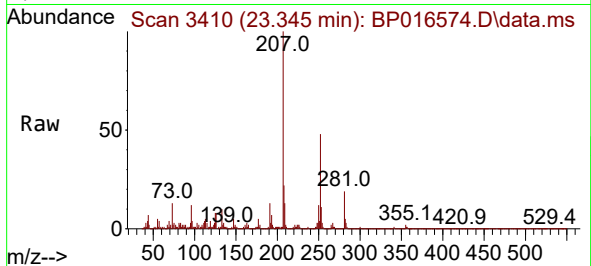




#90
Benzo(b)fluoranthene
Concen: 2.100 ng/ul
RT: 23.345 min Scan# 3411
Delta R.T. -0.006 min
Lab File: BP016574.D
Acq: 14 Aug 2023 22:58

Instrument :
BNA_P
ClientSampleId :
A48K1

Tgt Ion:252 Resp: 284097
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 15.8 10.0 15.0#



#93
Benzo(a)pyrene
Concen: 1.419 ng/ul
RT: 24.033 min Scan# 3527
Delta R.T. -0.006 min
Lab File: BP016574.D
Acq: 14 Aug 2023 22:58

Tgt Ion:252 Resp: 181043
Ion Ratio Lower Upper
252 100
253 24.1 17.7 26.5
125 14.8 10.6 15.8

