

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101122\
 Data File : BP012080.D
 Acq On : 12 Oct 2022 14:35
 Operator : CG/JU
 Sample : N5024-02
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 C0BE8

Quant Time: Oct 12 23:07:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 23:03:21 2022
 Response via : Initial Calibration

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

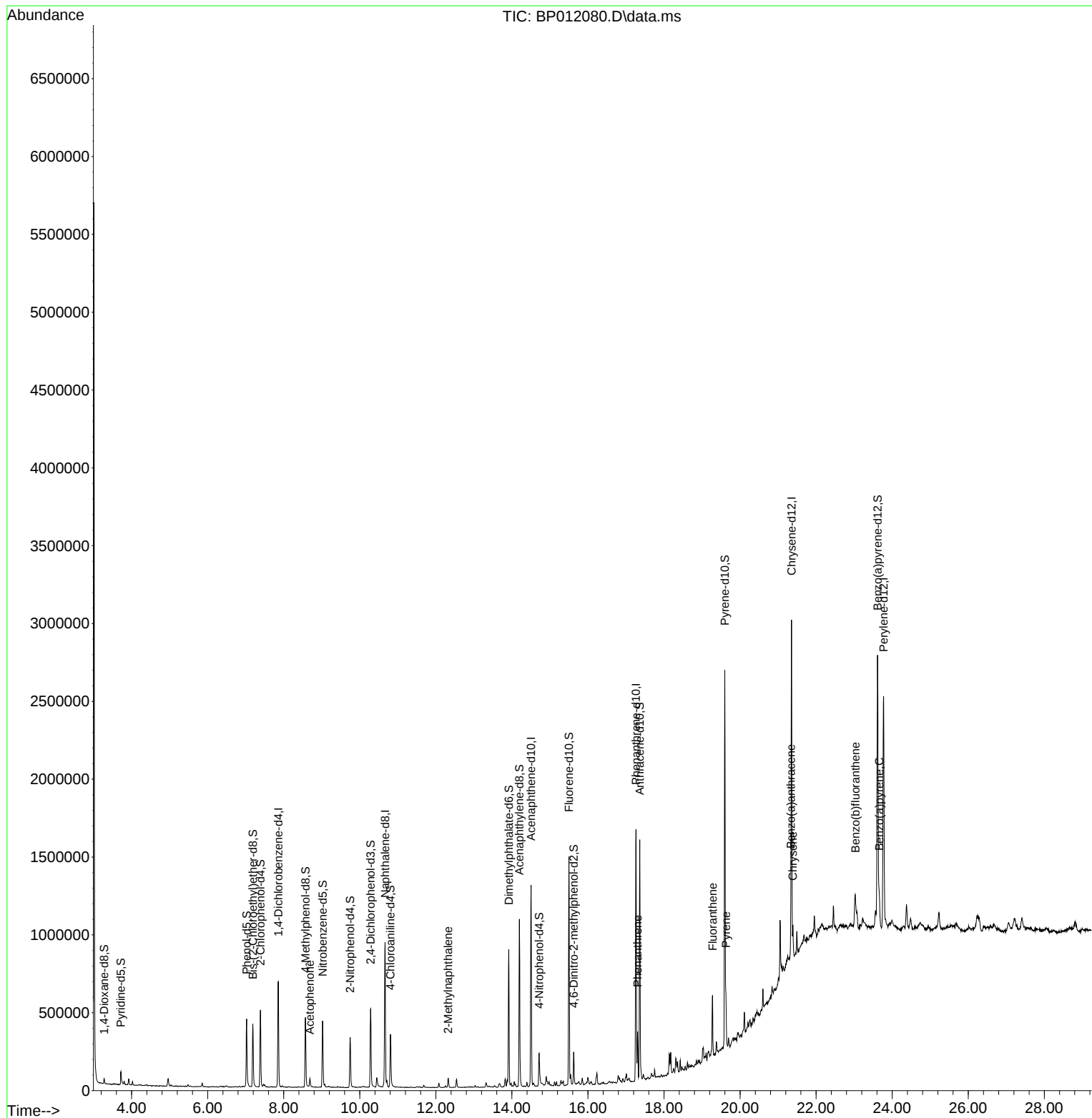
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	207764	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	819851	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.504	164	466994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	964202	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	998322	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	1107064	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	18097	3.434	ng/uL	0.00
4) Pyridine-d5	3.717	84	59392	4.238	ng/u1	0.02
7) Phenol-d5	7.022	99	296704	17.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	181504	19.137	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	264866	19.969	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	196306	15.295	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	121138	20.921	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	126155	21.487	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	227638	20.006	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	226515	13.509	ng/u1	0.00
46) Dimethylphthalate-d6	13.916	166	614298	20.771	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	760041	20.782	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	77387	13.328	ng/u1	0.00
60) Fluorene-d10	15.498	176	582536	21.770	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	50939	10.005	ng/u1	0.00
73) Anthracene-d10	17.363	188	895545	21.389	ng/u1	0.00
81) Pyrene-d10	19.598	212	1169851	22.873	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	1253021	23.283	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.687	105	33057	1.671	ng/u1	94
36) 2-Methylnaphthalene	12.322	142	33192	1.190	ng/u1	98
72) Phenanthrene	17.304	178	185569	3.539	ng/u1	99
80) Fluoranthene	19.275	202	224891	3.589	ng/u1	100
82) Pyrene	19.628	202	201586	3.040	ng/u1	98
85) Benzo(a)anthracene	21.333	228	112004	1.782	ng/u1#	96
87) Chrysene	21.386	228	114301	1.890	ng/u1#	93
90) Benzo(b)fluoranthene	23.033	252	147896	2.111	ng/u1#	88
93) Benzo(a)pyrene	23.663	252	105811	1.692	ng/u1#	91

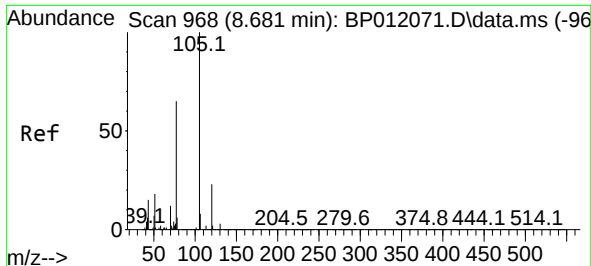
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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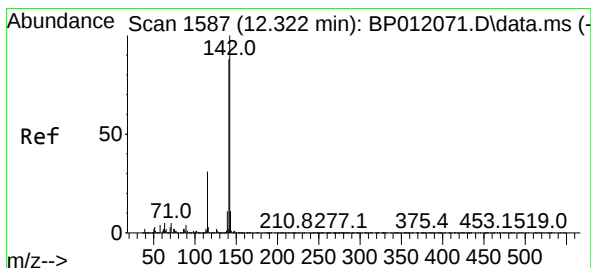
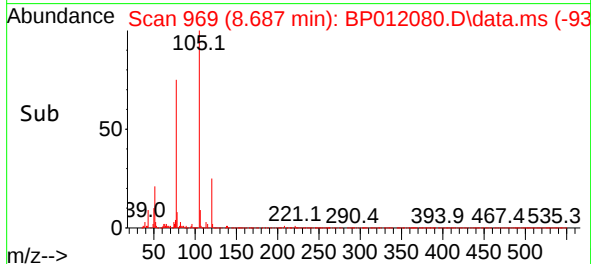
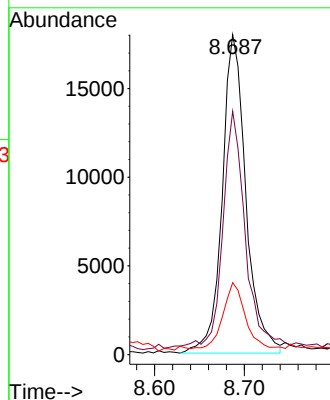
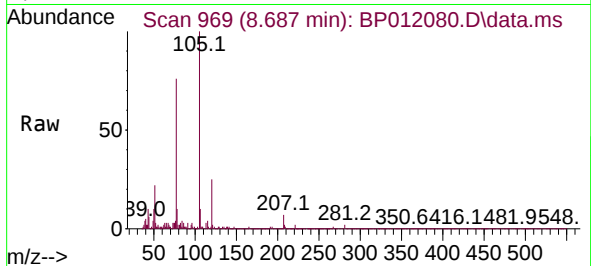




#16
Acetophenone
Concen: 1.671 ng/ul
RT: 8.687 min Scan# 968
Delta R.T. 0.006 min
Lab File: BP012080.D
Acq: 12 Oct 2022 14:35

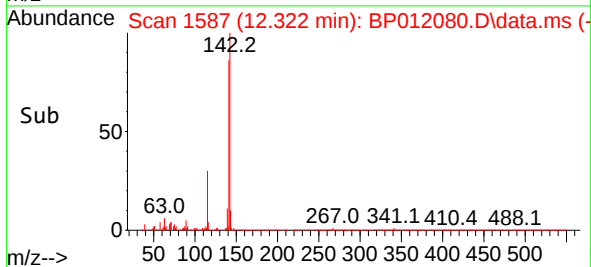
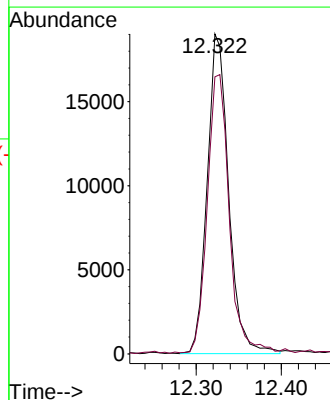
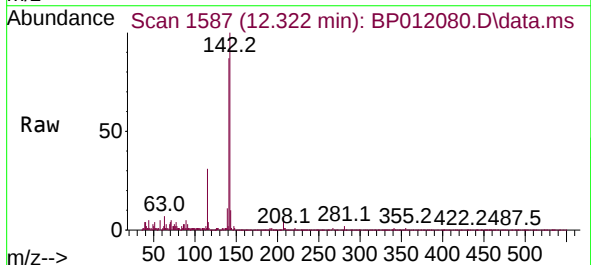
Instrument :
BNA_P
ClientSampleId :
C0BE8

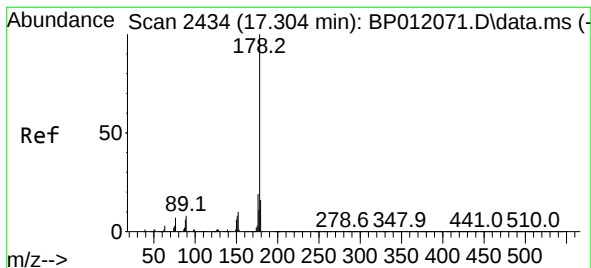
Tgt Ion:105 Resp: 33057
Ion Ratio Lower Upper
105 100
77 76.1 57.0 85.4
51 22.5 16.4 24.6



#36
2-Methylnaphthalene
Concen: 1.190 ng/ul
RT: 12.322 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BP012080.D
Acq: 12 Oct 2022 14:35

Tgt Ion:142 Resp: 33192
Ion Ratio Lower Upper
142 100
141 86.6 70.7 106.1





#72

Phenanthrene

Concen: 3.539 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

Instrument :

BNA_P

ClientSampleId :

C0BE8

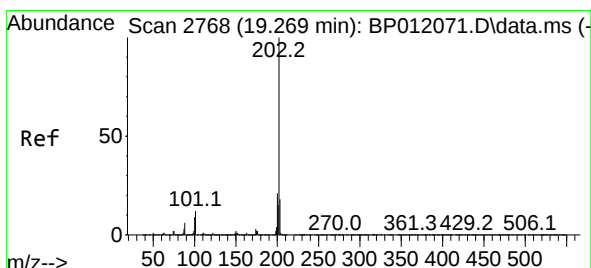
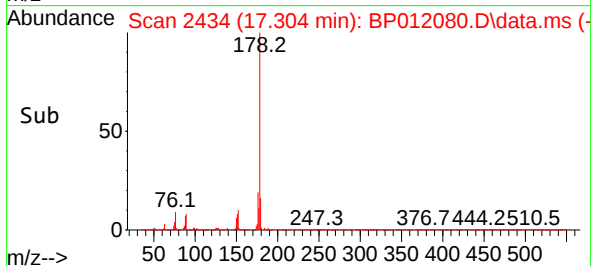
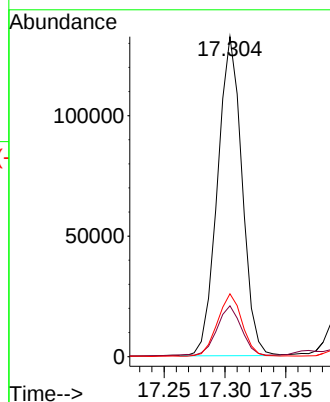
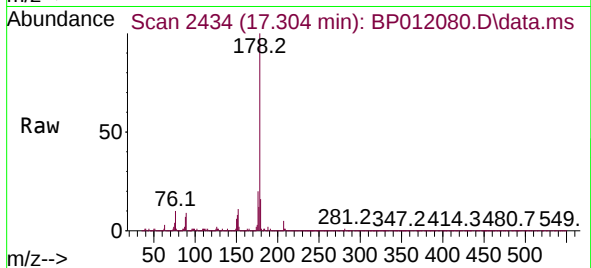
Tgt Ion:178 Resp: 185569

Ion Ratio Lower Upper

178 100

179 15.9 12.2 18.4

176 19.6 15.8 23.6



#80

Fluoranthene

Concen: 3.589 ng/ul

RT: 19.275 min Scan# 2769

Delta R.T. 0.006 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

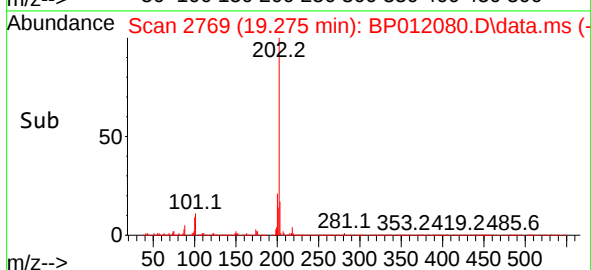
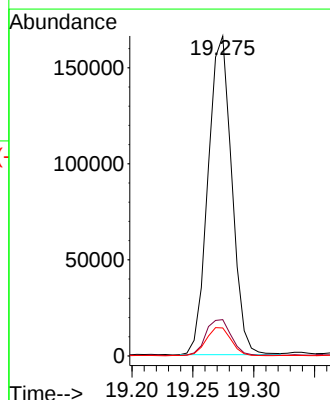
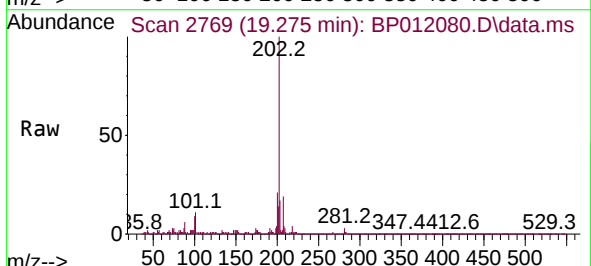
Tgt Ion:202 Resp: 224891

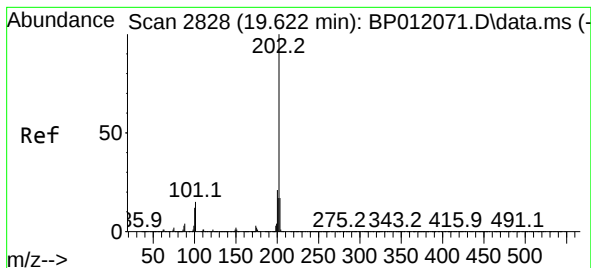
Ion Ratio Lower Upper

202 100

101 11.3 9.0 13.6

100 8.7 7.0 10.6





#82

Pyrene

Concen: 3.040 ng/ul

RT: 19.628 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

Instrument :

BNA_P

ClientSampleId :

C0BE8

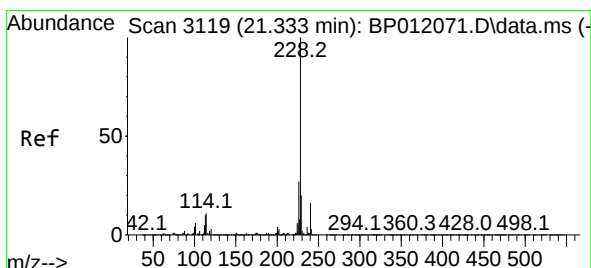
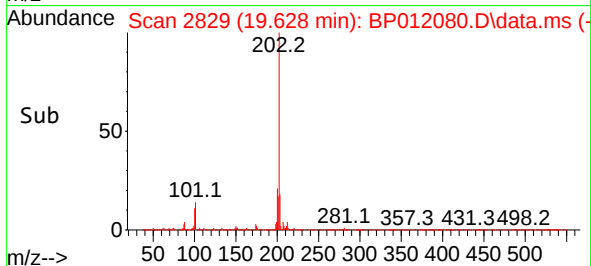
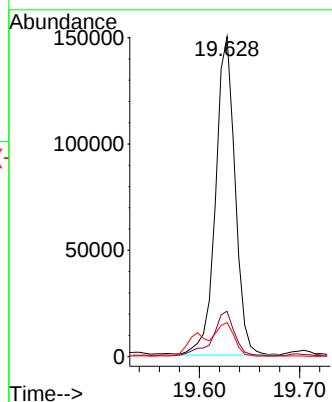
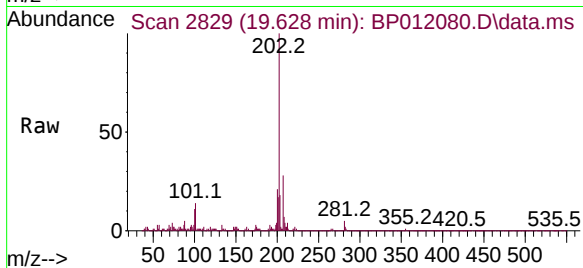
Tgt Ion:202 Resp: 201586

Ion Ratio Lower Upper

202 100

101 14.2 10.4 15.6

100 10.6 8.5 12.7



#85

Benzo(a)anthracene

Concen: 1.782 ng/ul

RT: 21.333 min Scan# 3119

Delta R.T. -0.000 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

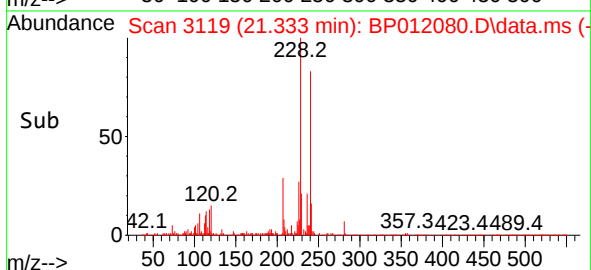
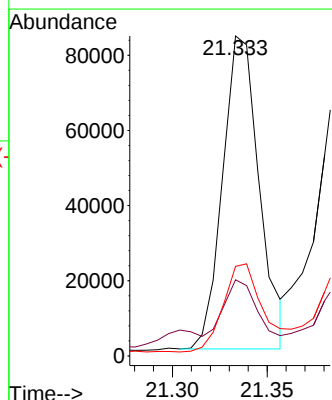
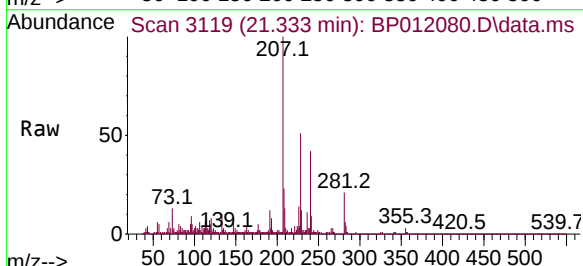
Tgt Ion:228 Resp: 112004

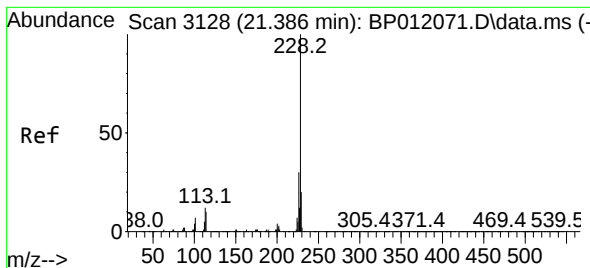
Ion Ratio Lower Upper

228 100

229 23.8 15.7 23.5#

226 28.0 21.9 32.9





#87

Chrysene

Concen: 1.890 ng/ul

RT: 21.386 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

Instrument :

BNA_P

ClientSampleId :

C0BE8

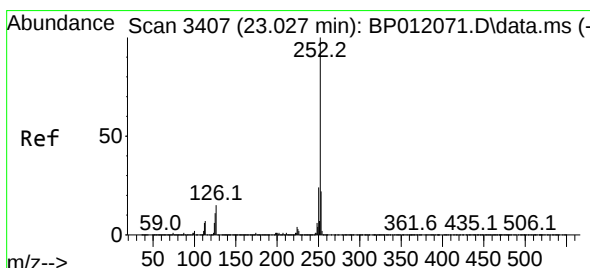
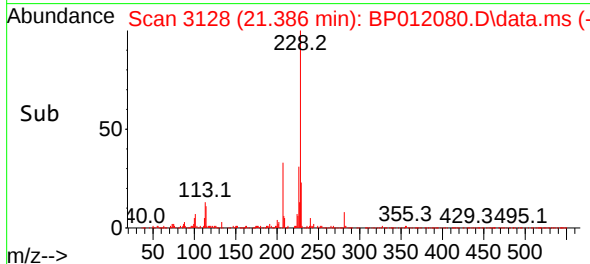
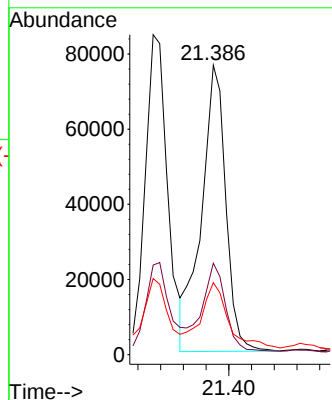
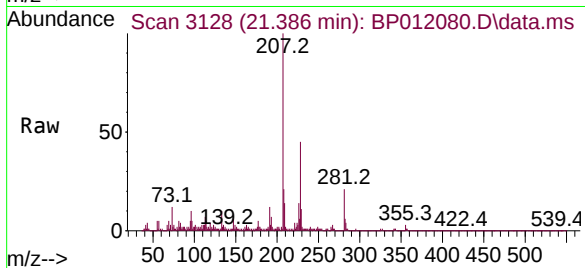
Tgt Ion:228 Resp: 114301

Ion Ratio Lower Upper

228 100

226 31.6 24.0 36.0

229 24.9 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 2.111 ng/ul

RT: 23.033 min Scan# 3408

Delta R.T. 0.006 min

Lab File: BP012080.D

Acq: 12 Oct 2022 14:35

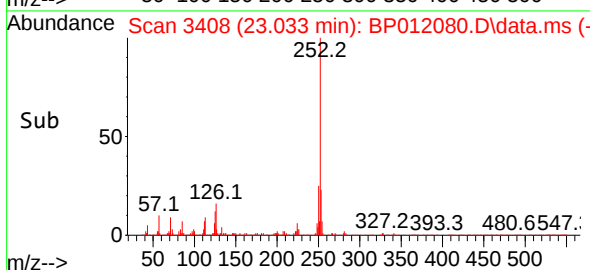
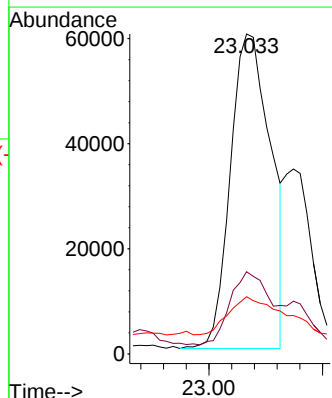
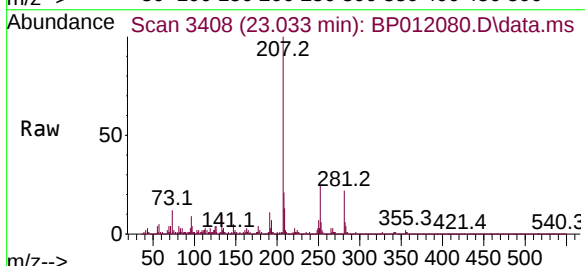
Tgt Ion:252 Resp: 147896

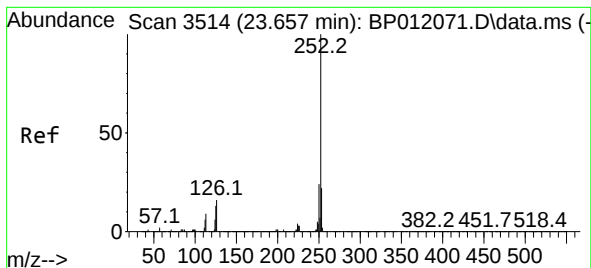
Ion Ratio Lower Upper

252 100

253 25.7 17.6 26.4

125 17.9 7.8 11.8#





#93

Benzo(a)pyrene

Concen: 1.692 ng/ul

RT: 23.663 min Scan# 3515

Delta R.T. 0.006 min

Lab File: BP012080.D

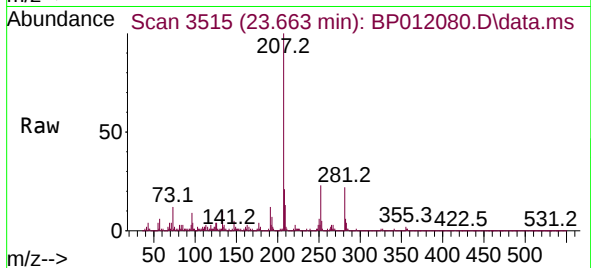
Acq: 12 Oct 2022 14:35

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Tgt Ion:252 Resp: 105811

Ion Ratio Lower Upper

252 100

253 24.2 17.6 26.4

125 17.2 8.9 13.3#

