

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
 Data File : BP017249.D
 Acq On : 20 Sep 2023 20:52
 Operator : MA/JU
 Sample : 04330-06RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EZYX7

Quant Time: Sep 20 22:38:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 20 14:34:55 2023
 Response via : Initial Calibration

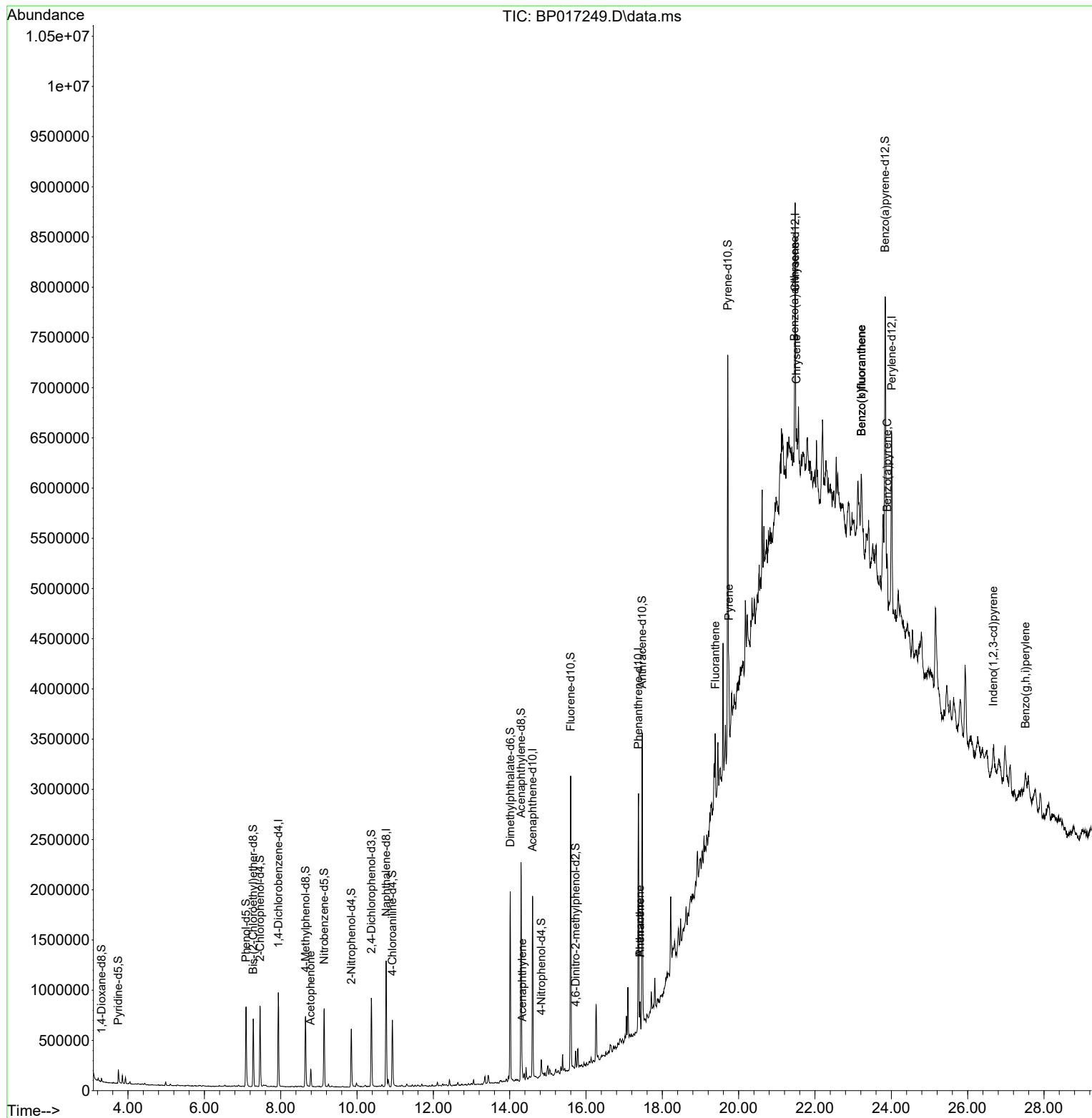
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	247613	20.000	ng/ul	0.00
20) Naphthalene-d8	10.763	136	1013624	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.598	164	619531	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.374	188	1382259	20.000	ng/ul	0.00
79) Chrysene-d12	21.480	240	1243049	20.000	ng/ul	0.00
88) Perylene-d12	24.009	264	1474166	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	15254	2.530	ng/uL	0.00
4) Pyridine-d5	3.746	84	71896	4.266	ng/ul	0.00
7) Phenol-d5	7.093	99	455214	22.384	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	284335	23.168	ng/ul	0.00
11) 2-Chlorophenol-d4	7.457	132	369424	22.904	ng/ul	0.00
15) 4-Methylphenol-d8	8.651	113	272612	17.242	ng/ul	0.00
21) Nitrobenzene-d5	9.140	128	188812	25.766	ng/ul	0.00
24) 2-Nitrophenol-d4	9.851	143	183788	23.098	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.375	165	328634	21.861	ng/ul	0.00
31) 4-Chloroaniline-d4	10.928	131	376359	17.283	ng/ul	0.00
46) Dimethylphthalate-d6	14.016	166	1201831	27.080	ng/ul	0.00
49) Acenaphthylene-d8	14.298	160	1380542	27.046	ng/ul	0.00
54) 4-Nitrophenol-d4	14.827	143	48454	6.267	ng/ul	0.00
60) Fluorene-d10	15.598	176	1099564	28.778	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.727	200	36021	4.624	ng/ul	0.00
73) Anthracene-d10	17.474	188	1654986	26.996	ng/ul	0.00
81) Pyrene-d10	19.715	212	2016058	29.992	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.839	264	2057075	28.982	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.787	105	91502	3.745	ng/ul	97
50) Acenaphthylene	14.328	152	61804	1.035	ng/ul	98
72) Phenanthrene	17.416	178	155858	2.153	ng/ul	98
74) Anthracene	17.416	178	155858	2.124	ng/ul	97
80) Fluoranthene	19.386	202	413930	5.280	ng/ul	98
82) Pyrene	19.745	202	421148	5.053	ng/ul	99
85) Benzo(a)anthracene	21.462	228	236860	2.823	ng/ul#	91
87) Chrysene	21.515	228	199940	2.532	ng/ul#	88
90) Benzo(b)fluoranthene	23.221	252	450680	5.185	ng/ul#	71
91) Benzo(k)fluoranthene	23.221	252	450680	5.140	ng/ul#	73
93) Benzo(a)pyrene	23.892	252	278138	3.345	ng/ul#	68
94) Indeno(1,2,3-cd)pyrene	26.674	276	247570	2.375	ng/ul#	91
96) Benzo(g,h,i)perylene	27.515	276	281241	3.346	ng/ul	94

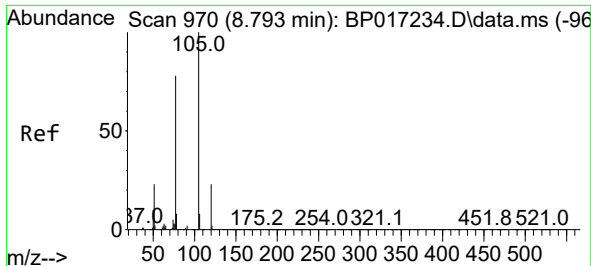
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092023\
Data File : BP017249.D
Acq On : 20 Sep 2023 20:52
Operator : MA/JU
Sample : 04330-06RE
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EZYX7

Quant Time: Sep 20 22:38:36 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 20 14:34:55 2023
Response via : Initial Calibration

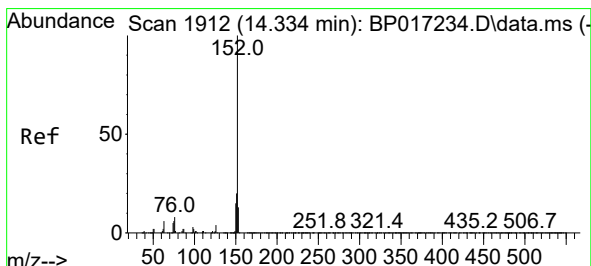
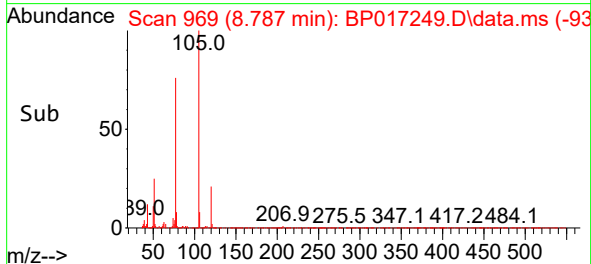
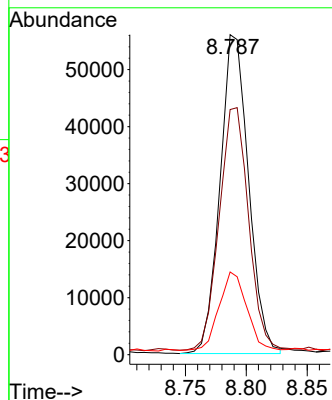
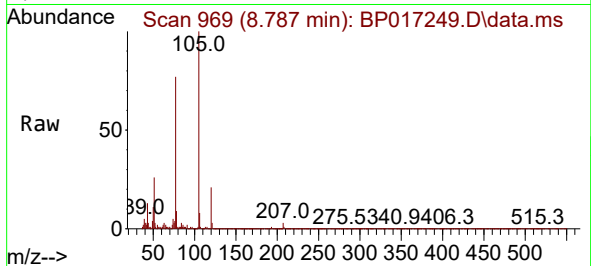




#16
Acetophenone
Concen: 3.745 ng/ul
RT: 8.787 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

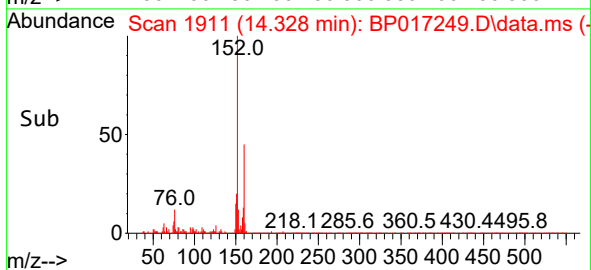
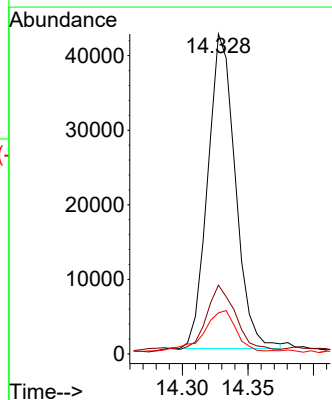
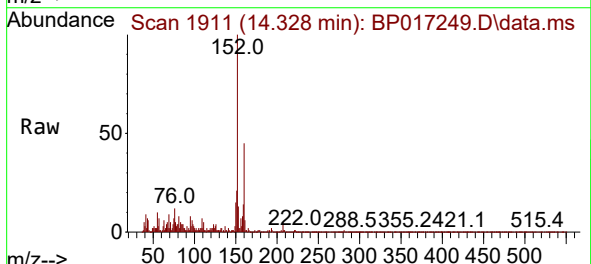
Instrument :
BNA_P
ClientSampleId :
EZYX7

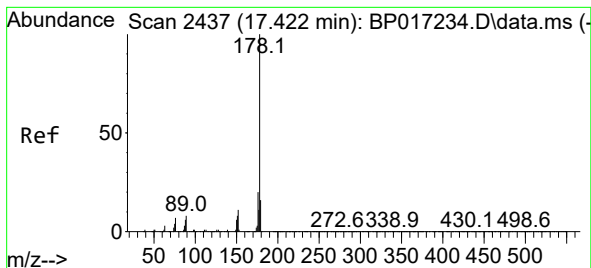
Tgt Ion:105 Resp: 91502
Ion Ratio Lower Upper
105 100
77 76.6 63.6 95.4
51 25.9 19.2 28.8



#50
Acenaphthylene
Concen: 1.035 ng/ul
RT: 14.328 min Scan# 1911
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

Tgt Ion:152 Resp: 61804
Ion Ratio Lower Upper
152 100
151 21.5 16.0 24.0
153 12.9 10.4 15.6





#72

Phenanthrene

Concen: 2.153 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

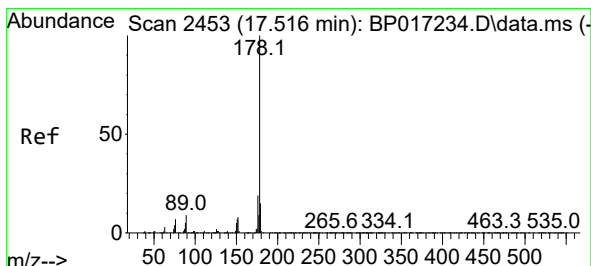
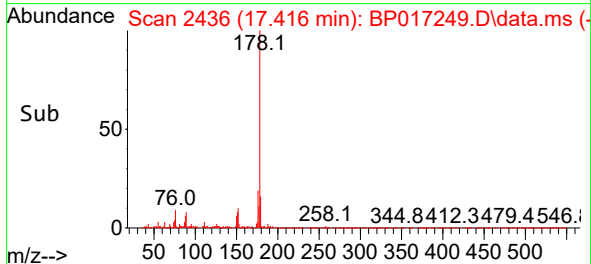
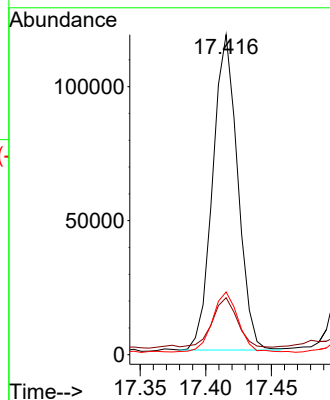
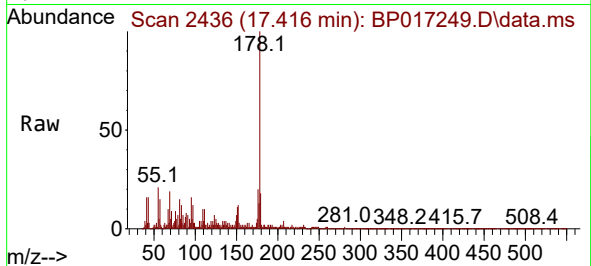
Tgt Ion:178 Resp: 155858

Ion Ratio Lower Upper

178 100

179 17.8 12.7 19.1

176 19.6 15.8 23.6



#74

Anthracene

Concen: 2.124 ng/ul

RT: 17.416 min Scan# 2436

Delta R.T. -0.100 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

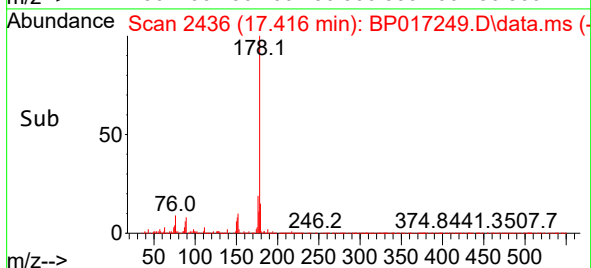
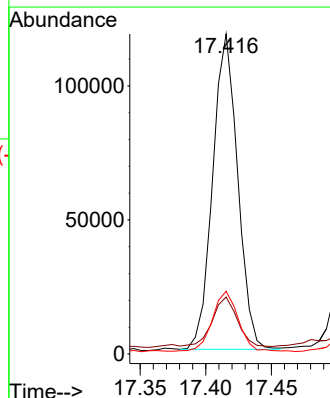
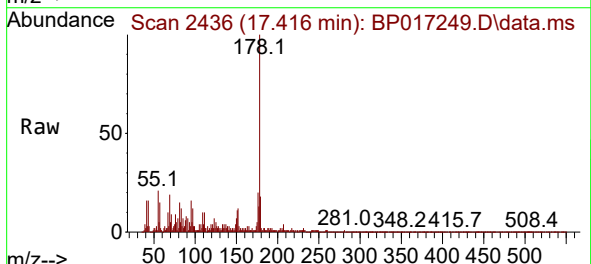
Tgt Ion:178 Resp: 155858

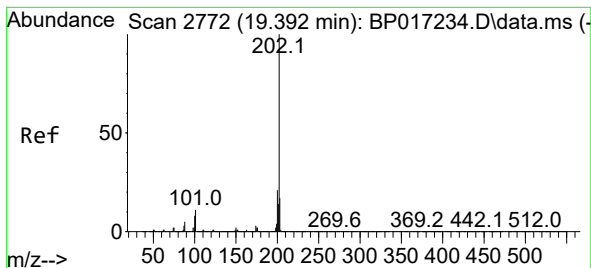
Ion Ratio Lower Upper

178 100

179 17.8 12.5 18.7

176 19.6 15.1 22.7





#80

Fluoranthene

Concen: 5.280 ng/ul

RT: 19.386 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

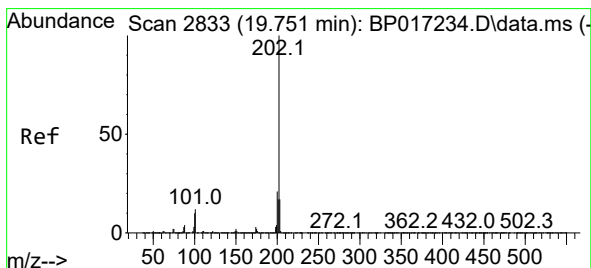
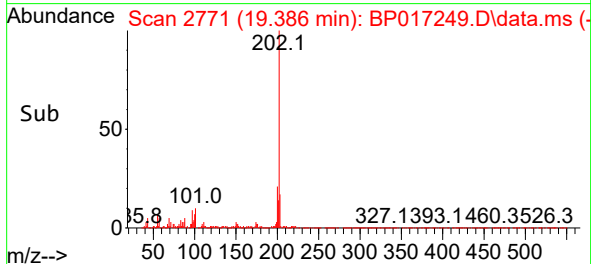
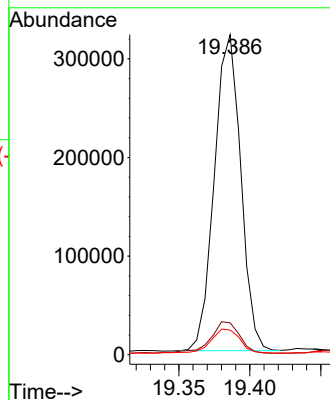
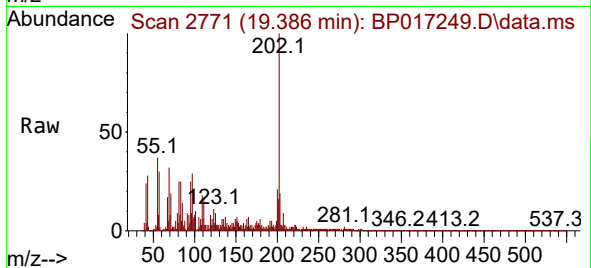
Tgt Ion:202 Resp: 413930

Ion Ratio Lower Upper

202 100

101 10.0 8.4 12.6

100 7.7 6.6 10.0



#82

Pyrene

Concen: 5.053 ng/ul

RT: 19.745 min Scan# 2832

Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

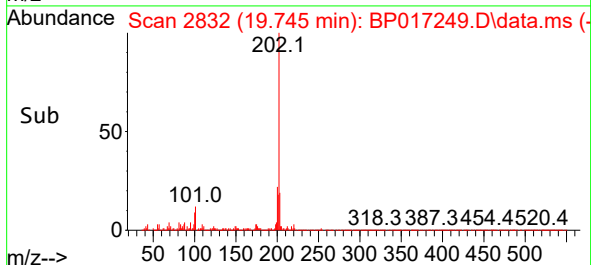
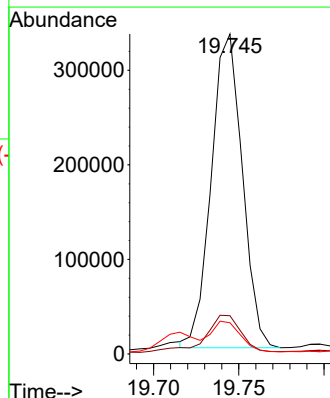
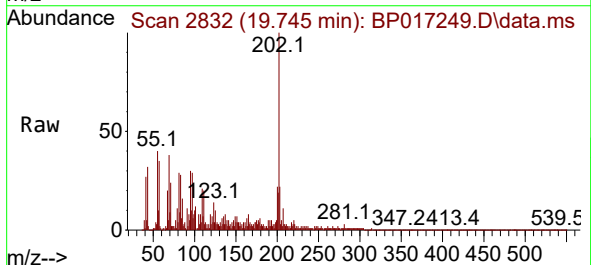
Tgt Ion:202 Resp: 421148

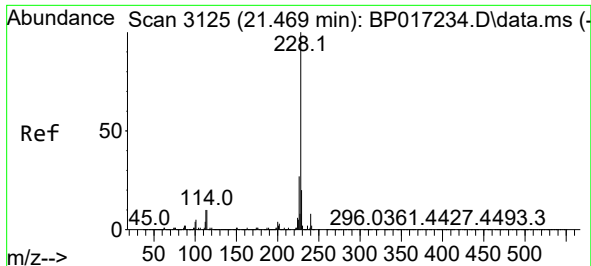
Ion Ratio Lower Upper

202 100

101 11.9 9.8 14.8

100 9.8 8.1 12.1





#85

Benzo(a)anthracene

Concen: 2.823 ng/ul

RT: 21.462 min Scan# 3125

Delta R.T. -0.006 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7

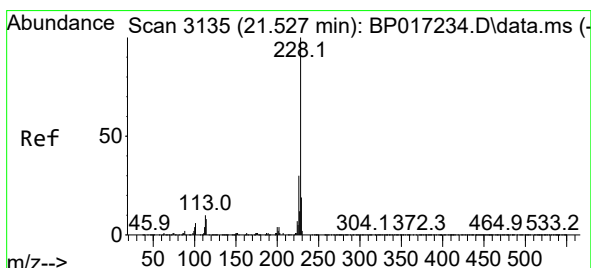
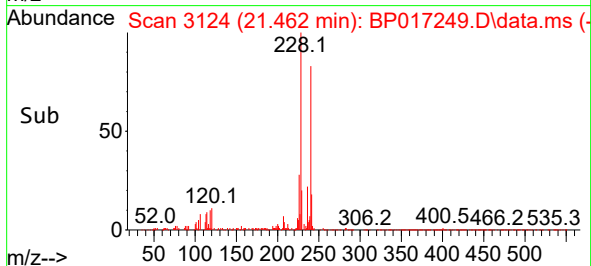
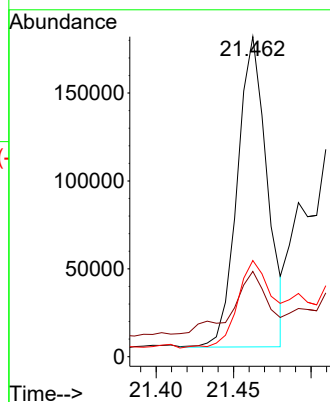
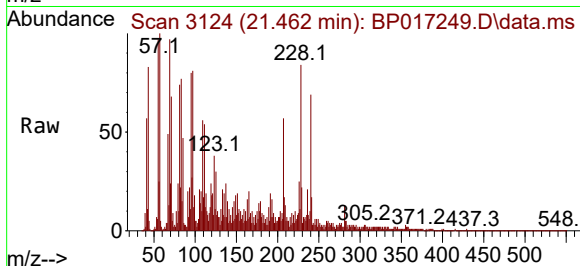
Tgt Ion:228 Resp: 236860

Ion Ratio Lower Upper

228 100

229 26.6 15.8 23.6#

226 30.1 21.8 32.8



#87

Chrysene

Concen: 2.532 ng/ul

RT: 21.515 min Scan# 3133

Delta R.T. -0.012 min

Lab File: BP017249.D

Acq: 20 Sep 2023 20:52

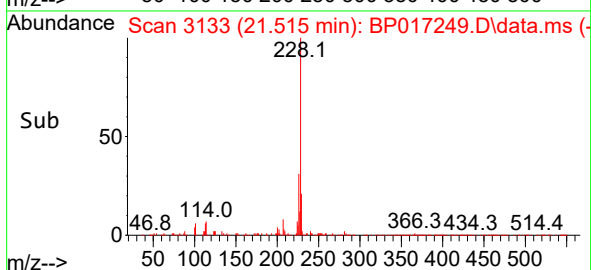
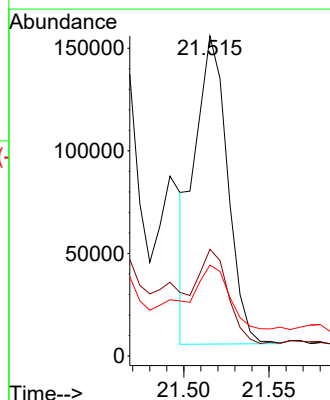
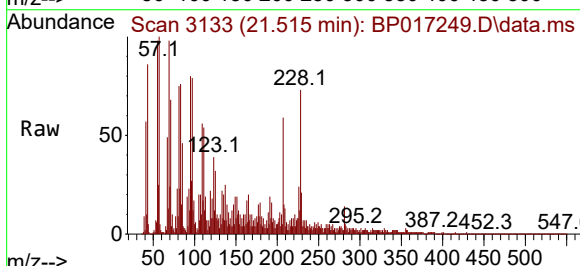
Tgt Ion:228 Resp: 199940

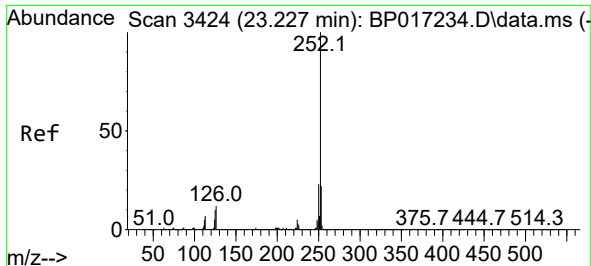
Ion Ratio Lower Upper

228 100

226 33.3 24.1 36.1

229 28.4 15.0 22.6#

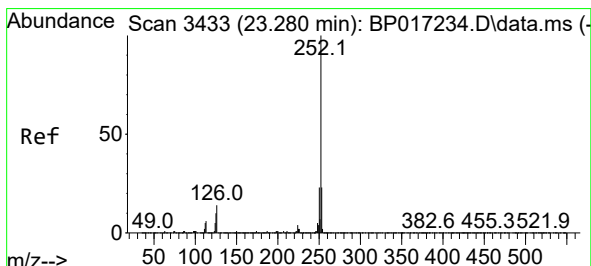
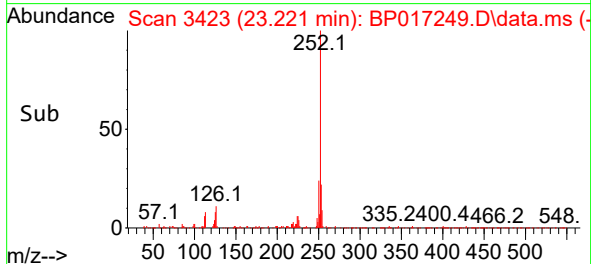
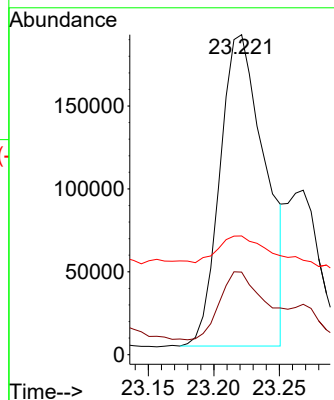
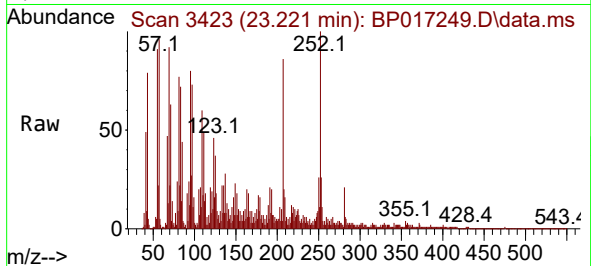




#90
Benzo(b)fluoranthene
Concen: 5.185 ng/ul
RT: 23.221 min Scan# 3424
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

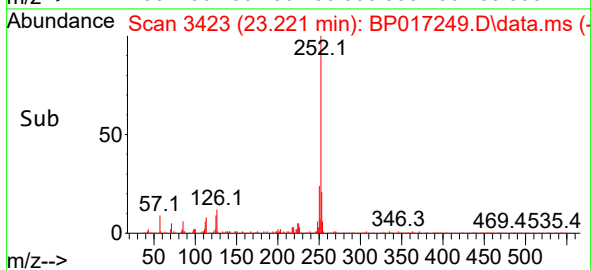
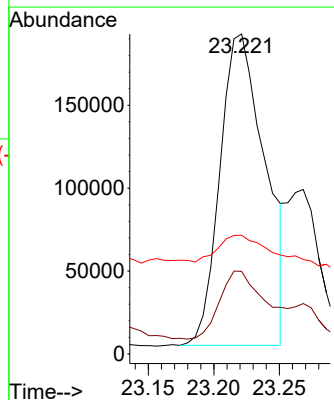
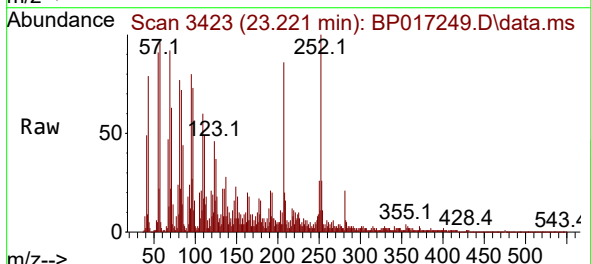
Instrument :
BNA_P
ClientSampleId :
EZYX7

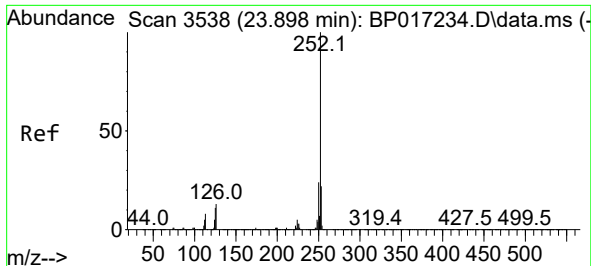
Tgt Ion:252 Resp: 450680
Ion Ratio Lower Upper
252 100
253 25.8 17.4 26.0
125 37.1 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 5.140 ng/ul
RT: 23.221 min Scan# 3423
Delta R.T. -0.059 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

Tgt Ion:252 Resp: 450680
Ion Ratio Lower Upper
252 100
253 25.8 17.9 26.9
125 37.1 7.8 11.6#

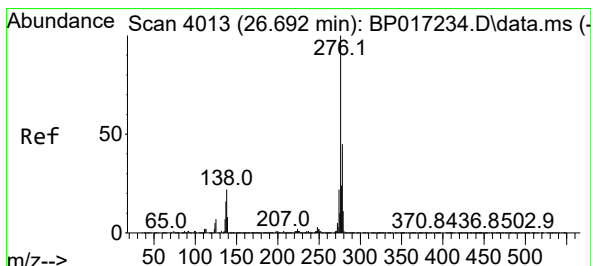
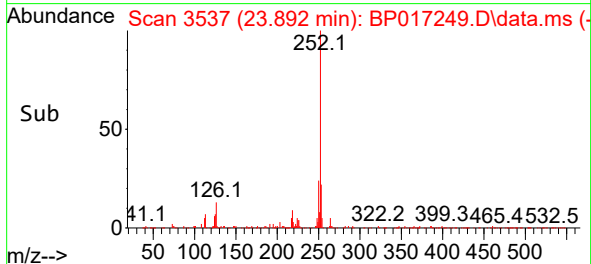
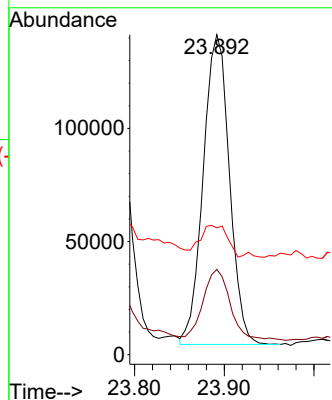
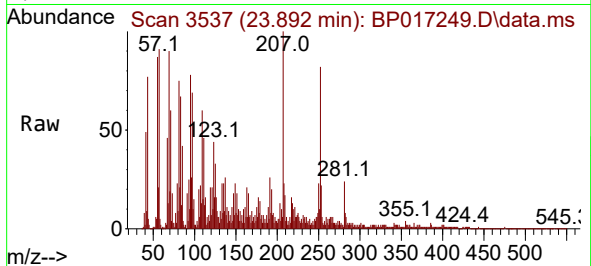




#93
Benzo(a)pyrene
Concen: 3.345 ng/ul
RT: 23.892 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

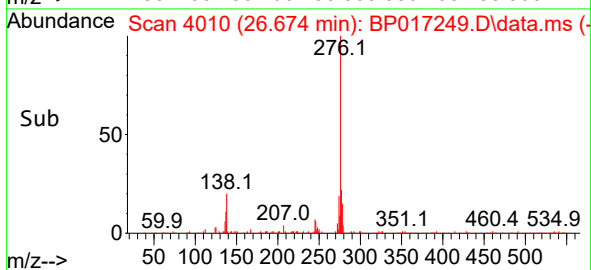
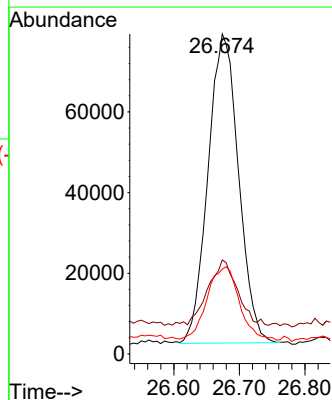
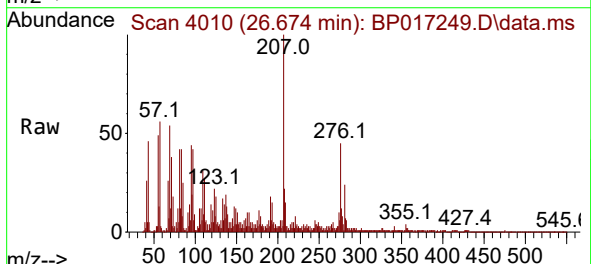
Instrument :
BNA_P
ClientSampleId :
EZYX7

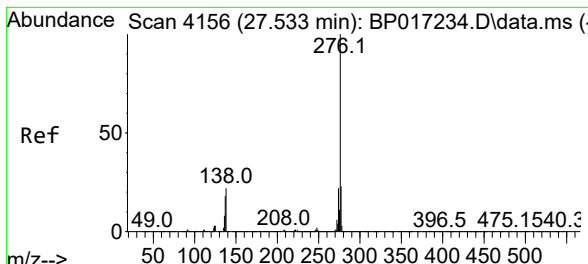
Tgt Ion:252 Resp: 278138
Ion Ratio Lower Upper
252 100
253 26.7 17.4 26.0#
125 39.6 8.9 13.3#



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.375 ng/ul
RT: 26.674 min Scan# 4010
Delta R.T. -0.018 min
Lab File: BP017249.D
Acq: 20 Sep 2023 20:52

Tgt Ion:276 Resp: 247570
Ion Ratio Lower Upper
276 100
138 29.4 17.9 26.9#
277 26.5 19.5 29.3





#96

Benzo(g,h,i)perylene

Concen: 3.346 ng/ul

RT: 27.515 min Scan# 41

Delta R.T. -0.018 min

Lab File: BP017249.D

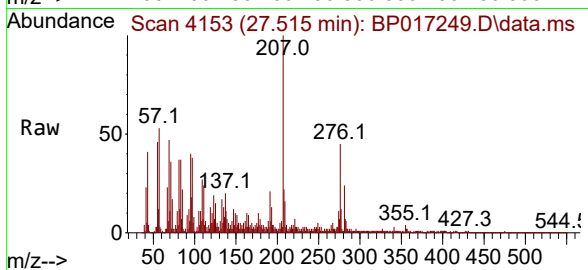
Acq: 20 Sep 2023 20:52

Instrument :

BNA_P

ClientSampleId :

EZYX7



Tgt Ion:276 Resp: 281241

Ion Ratio Lower Upper

276 100

138 25.3 17.3 25.9

277 26.1 18.8 28.2

