

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092523\
 Data File : BP017349.D
 Acq On : 26 Sep 2023 07:45
 Operator : MA/JU
 Sample : 04472-09
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EYZE9

Quant Time: Sep 26 08:16:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092023.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 26 04:52:29 2023
 Response via : Initial Calibration

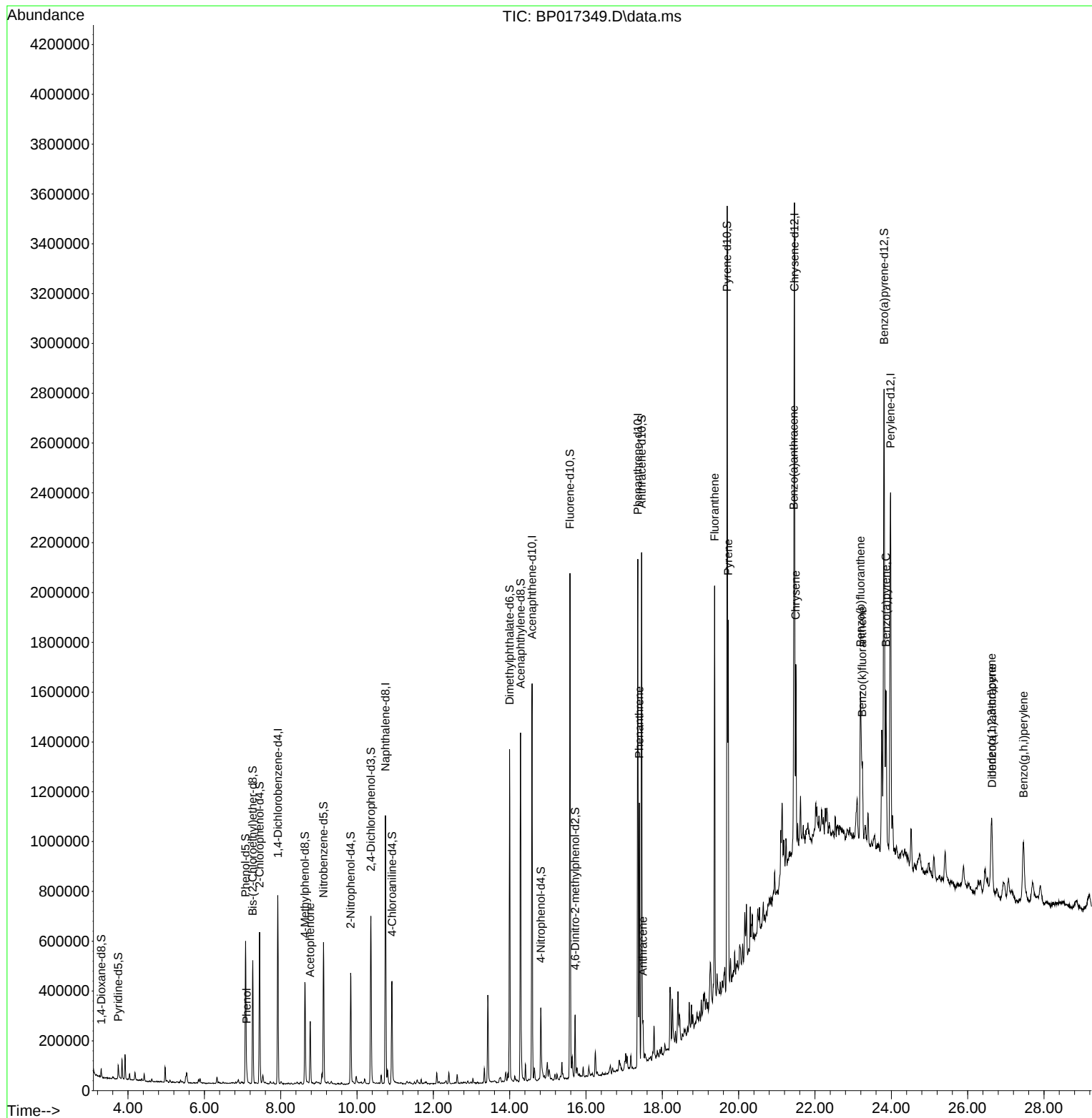
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	200659	20.000	ng/u1	0.00
20) Naphthalene-d8	10.746	136	852247	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.587	164	519186	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.357	188	1166084	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	1071309	20.000	ng/u1	0.00
88) Perylene-d12	23.980	264	1195624	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	15961	3.267	ng/uL	0.00
4) Pyridine-d5	3.746	84	26687	1.954	ng/u1	0.02
7) Phenol-d5	7.081	99	316891	19.229	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	205778	20.690	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	259864	19.881	ng/u1	0.00
15) 4-Methylphenol-d8	8.634	113	159178	12.424	ng/u1	0.00
21) Nitrobenzene-d5	9.122	128	129013	20.939	ng/u1	0.00
24) 2-Nitrophenol-d4	9.834	143	138462	20.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	247720	19.599	ng/u1	0.00
31) 4-Chloroaniline-d4	10.916	131	230387	12.583	ng/u1	0.00
46) Dimethylphthalate-d6	13.998	166	839559	22.573	ng/u1	0.00
49) Acenaphthylene-d8	14.287	160	899389	21.025	ng/u1	0.00
54) 4-Nitrophenol-d4	14.816	143	80250	12.385	ng/u1	0.00
60) Fluorene-d10	15.581	176	751530	23.471	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.716	200	50280	7.650	ng/u1	0.00
73) Anthracene-d10	17.457	188	1135707	21.960	ng/u1	0.00
81) Pyrene-d10	19.698	212	1494242	25.792	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.810	264	1389742	24.142	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.110	94	21770	1.313	ng/u1#	93
16) Acetophenone	8.775	105	131807	6.657	ng/u1	98
72) Phenanthrene	17.398	178	582355	9.535	ng/u1	99
74) Anthracene	17.492	178	97215	1.571	ng/u1	99
80) Fluoranthene	19.369	202	900314	13.325	ng/u1	99
82) Pyrene	19.727	202	794468	11.061	ng/u1	100
85) Benzo(a)anthracene	21.445	228	436427	6.036	ng/u1	98
87) Chrysene	21.498	228	413151	6.072	ng/u1	97
90) Benzo(b)fluoranthene	23.192	252	581230	8.245	ng/u1#	95
91) Benzo(k)fluoranthene	23.239	252	210463	2.959	ng/u1#	95
93) Benzo(a)pyrene	23.863	252	461941	6.849	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.627	276	338172	4.000	ng/u1	97
95) Dibenzo(a,h)anthracene	26.639	278	83736	1.189	ng/u1#	80
96) Benzo(g,h,i)perylene	27.462	276	316785	4.647	ng/u1	96

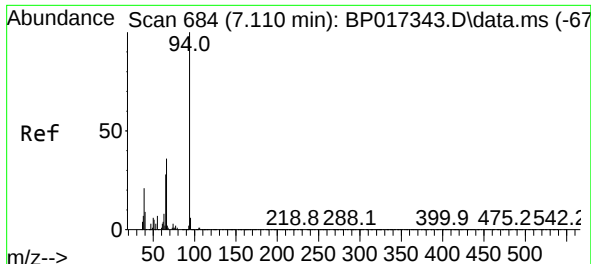
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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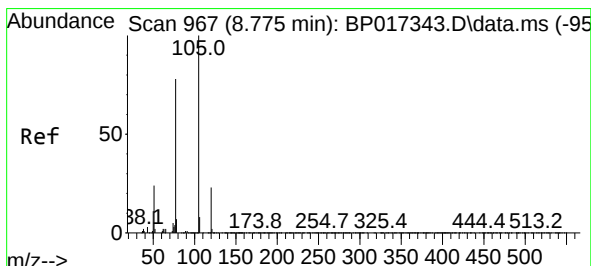
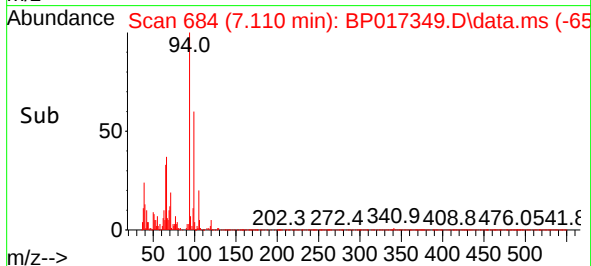
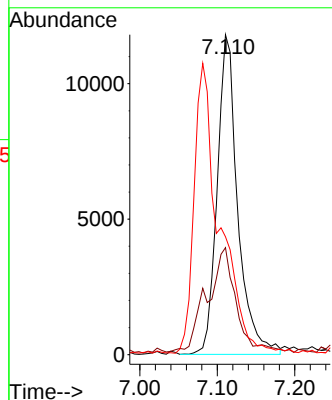
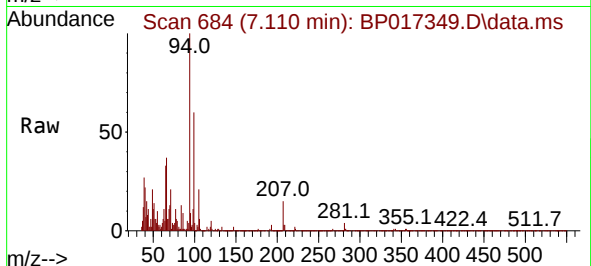




#8
Phenol
Concen: 1.313 ng/ul
RT: 7.110 min Scan# 684
Delta R.T. 0.000 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

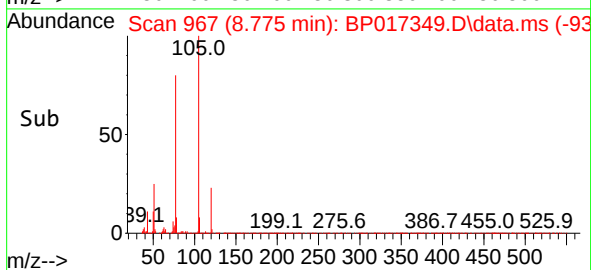
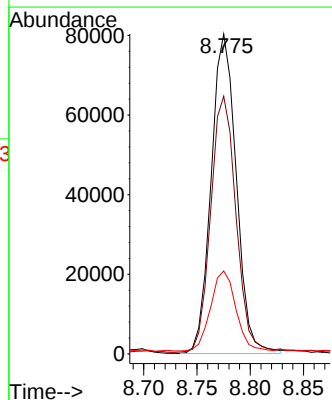
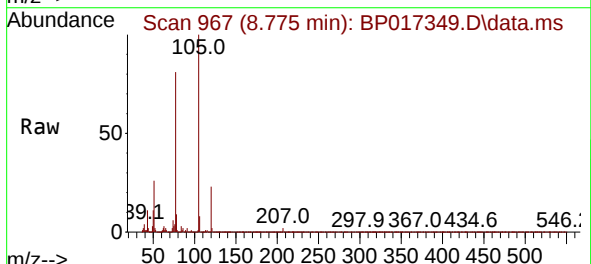
Instrument :
BNA_P
ClientSampleId :
EZY9

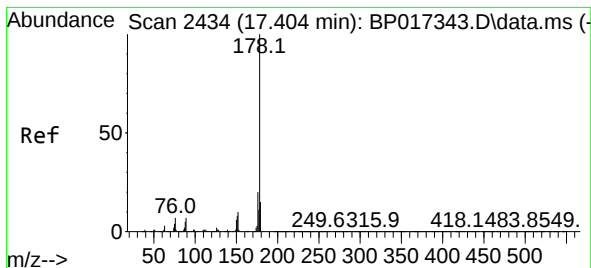
Tgt Ion: 94 Resp: 21770
Ion Ratio Lower Upper
94 100
65 33.5 21.4 32.2#
66 36.9 28.2 42.2



#16
Acetophenone
Concen: 6.657 ng/ul
RT: 8.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

Tgt Ion: 105 Resp: 131807
Ion Ratio Lower Upper
105 100
77 80.5 63.6 95.4
51 25.9 19.2 28.8





#72

Phenanthrene

Concen: 9.535 ng/ul

RT: 17.398 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

Instrument :

BNA_P

ClientSampleId :

EZY9

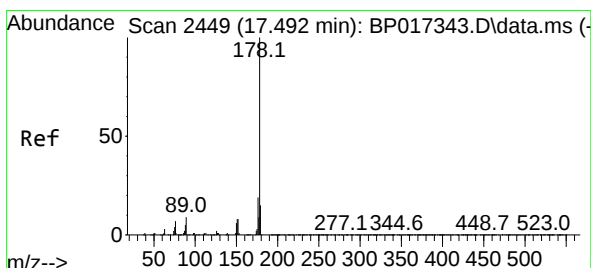
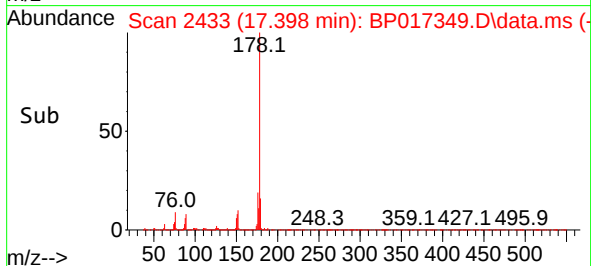
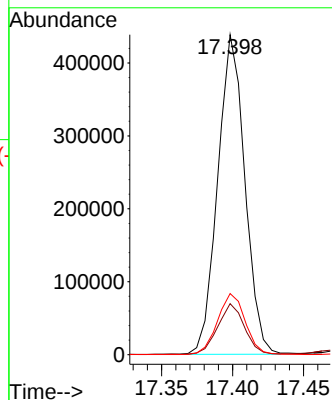
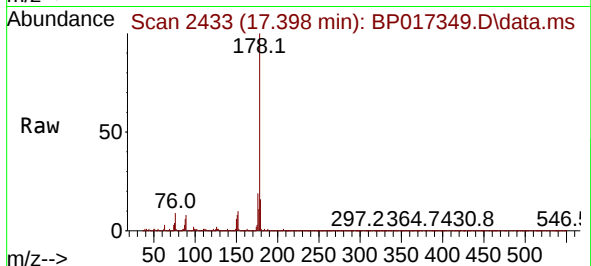
Tgt Ion:178 Resp: 582355

Ion Ratio Lower Upper

178 100

179 16.0 12.7 19.1

176 19.1 15.8 23.6



#74

Anthracene

Concen: 1.571 ng/ul

RT: 17.492 min Scan# 2449

Delta R.T. 0.000 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

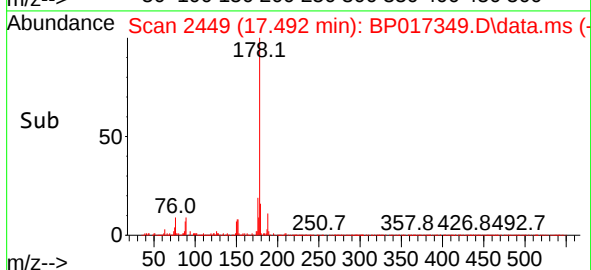
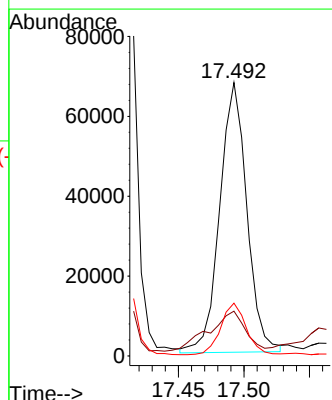
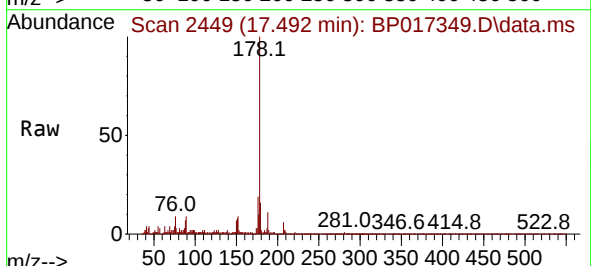
Tgt Ion:178 Resp: 97215

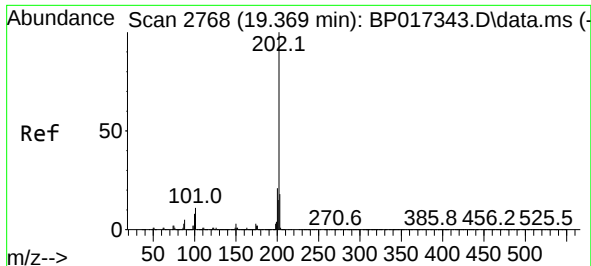
Ion Ratio Lower Upper

178 100

179 16.4 12.5 18.7

176 19.3 15.1 22.7

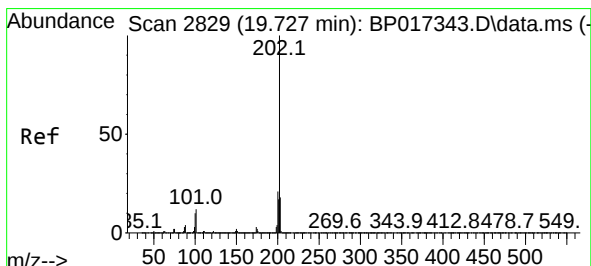
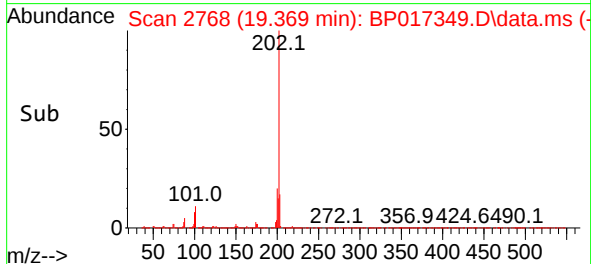
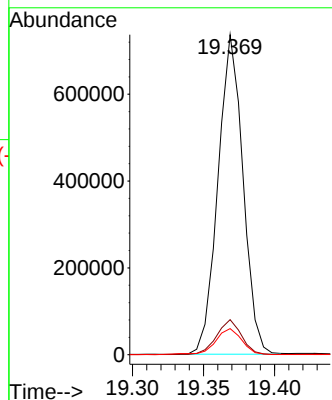
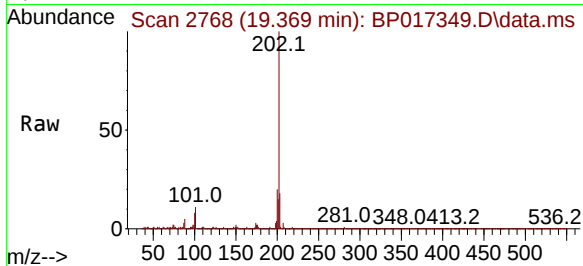




#80
Fluoranthene
Concen: 13.325 ng/ul
RT: 19.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

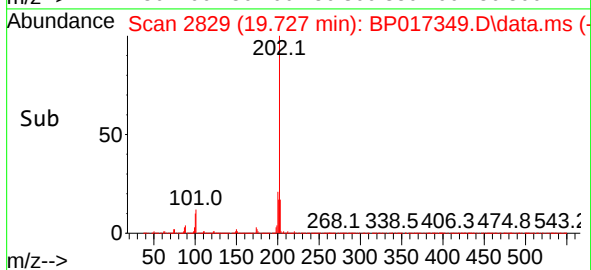
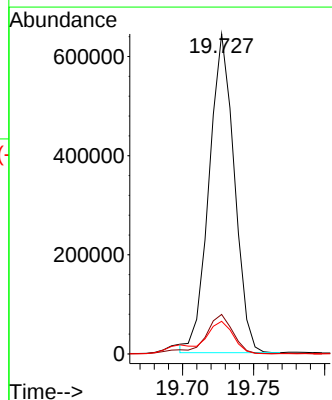
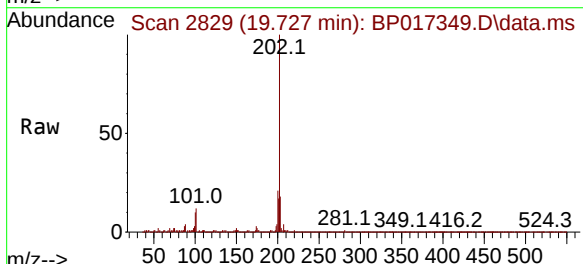
Instrument :
BNA_P
ClientSampleId :
EZY9

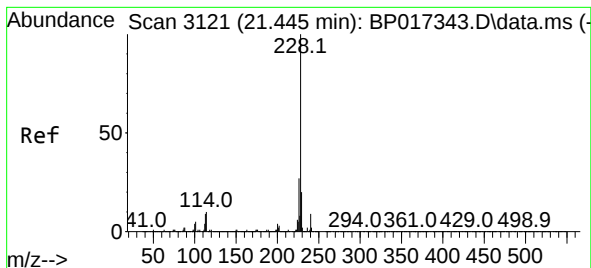
Tgt Ion:202 Resp: 900314
Ion Ratio Lower Upper
202 100
101 11.0 8.4 12.6
100 8.2 6.6 10.0



#82
Pyrene
Concen: 11.061 ng/ul
RT: 19.727 min Scan# 2829
Delta R.T. 0.000 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

Tgt Ion:202 Resp: 794468
Ion Ratio Lower Upper
202 100
101 12.4 9.8 14.8
100 10.2 8.1 12.1





#85

Benzo(a)anthracene

Concen: 6.036 ng/ul

RT: 21.445 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

Instrument :

BNA_P

ClientSampleId :

EZY9

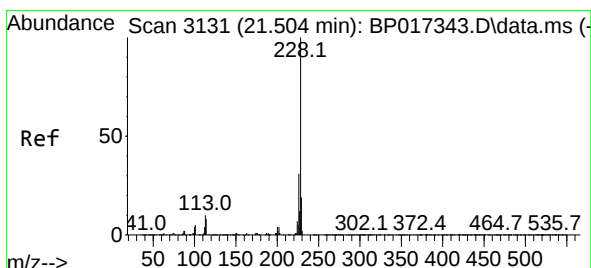
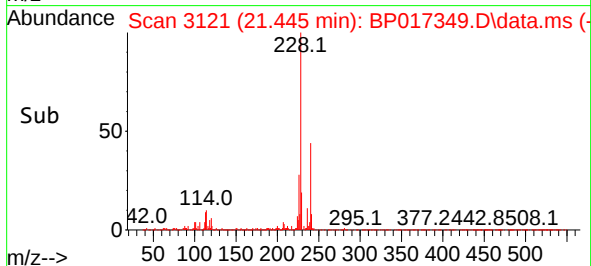
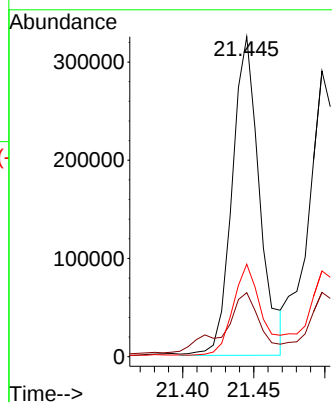
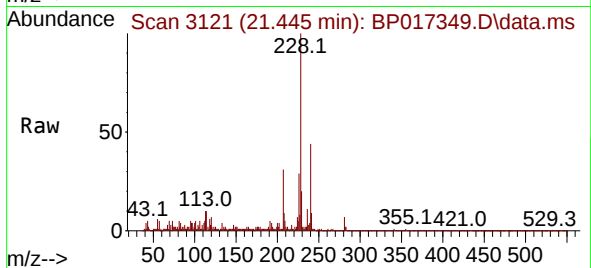
Tgt Ion:228 Resp: 436427

Ion Ratio Lower Upper

228 100

229 20.0 15.8 23.6

226 28.9 21.8 32.8



#87

Chrysene

Concen: 6.072 ng/ul

RT: 21.498 min Scan# 3130

Delta R.T. -0.006 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

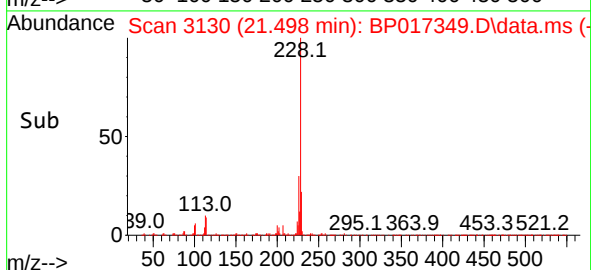
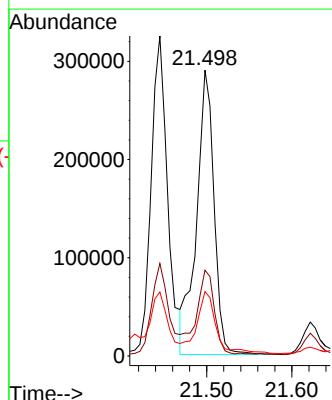
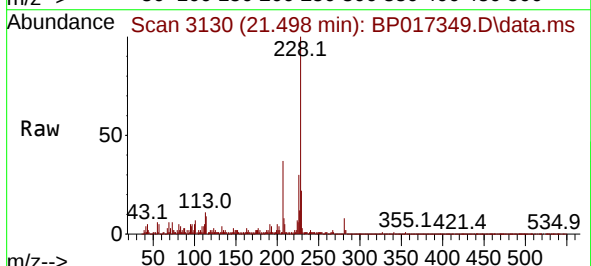
Tgt Ion:228 Resp: 413151

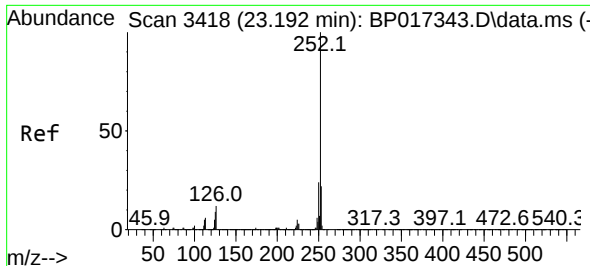
Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 22.5 15.0 22.6

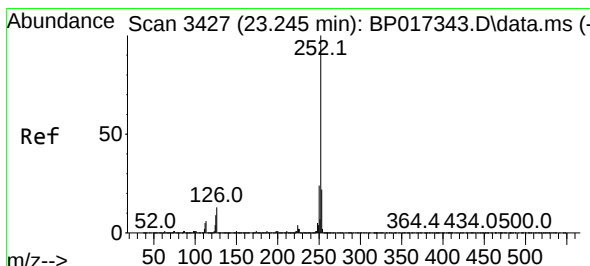
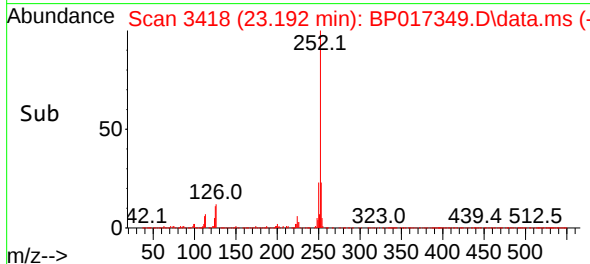
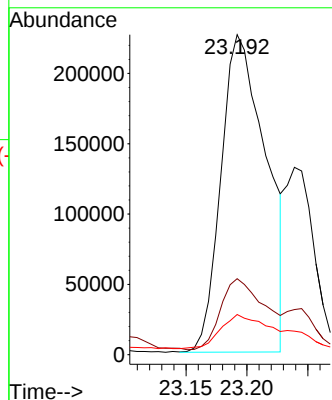
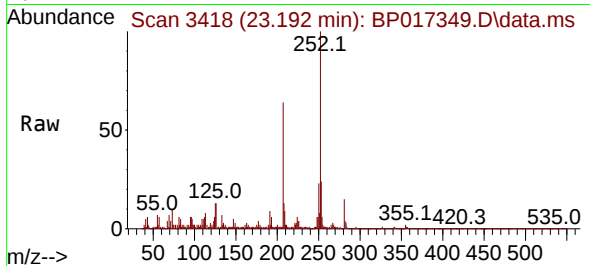




#90
Benzo(b)fluoranthene
Concen: 8.245 ng/ul
RT: 23.192 min Scan# 3418
Delta R.T. 0.000 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

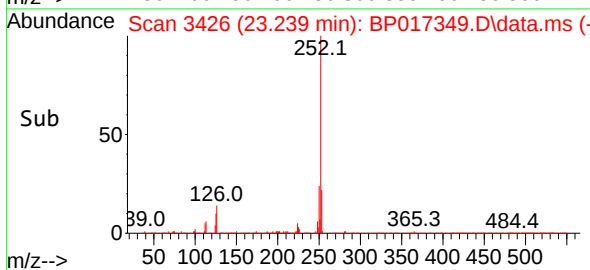
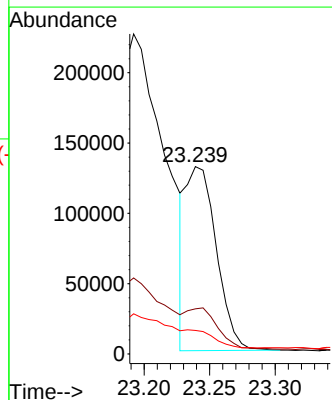
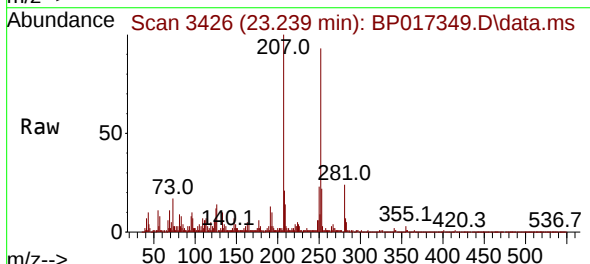
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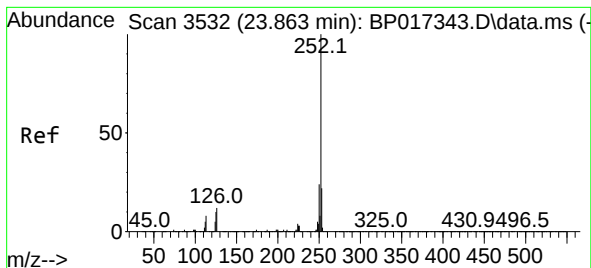
Tgt Ion:252 Resp: 581230
Ion Ratio Lower Upper
252 100
253 23.8 17.4 26.0
125 12.5 7.8 11.8#



#91
Benzo(k)fluoranthene
Concen: 2.959 ng/ul
RT: 23.239 min Scan# 3426
Delta R.T. -0.006 min
Lab File: BP017349.D
Acq: 26 Sep 2023 07:45

Tgt Ion:252 Resp: 210463
Ion Ratio Lower Upper
252 100
253 24.1 17.9 26.9
125 12.6 7.8 11.6#





#93

Benzo(a)pyrene

Concen: 6.849 ng/ul

RT: 23.863 min Scan# 3532

Delta R.T. 0.000 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

Instrument :

BNA_P

ClientSampleId :

EZY9

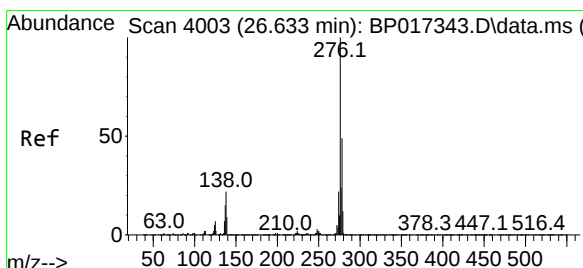
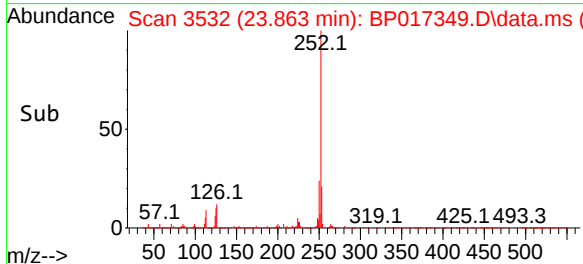
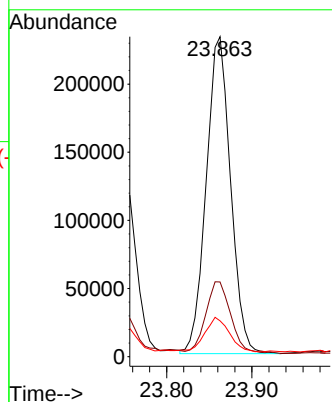
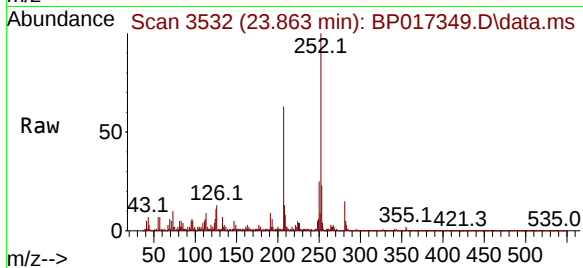
Tgt Ion:252 Resp: 461941

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 11.2 8.9 13.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.000 ng/ul

RT: 26.627 min Scan# 4002

Delta R.T. -0.006 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

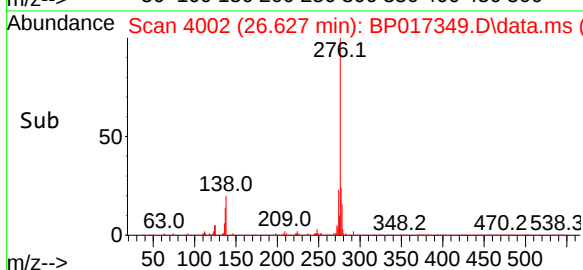
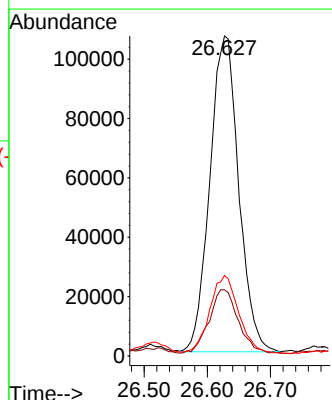
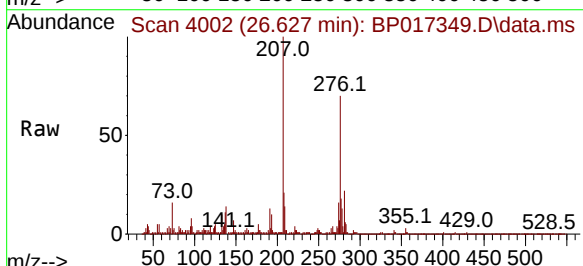
Tgt Ion:276 Resp: 338172

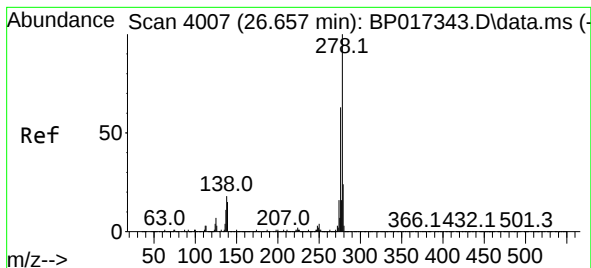
Ion Ratio Lower Upper

276 100

138 20.6 17.9 26.9

277 25.2 19.5 29.3





#95

Dibenzo(a,h)anthracene

Concen: 1.189 ng/ul

RT: 26.639 min Scan# 4004

Delta R.T. -0.018 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

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BNA_P

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EZY9

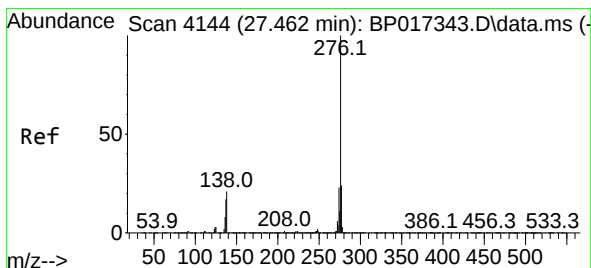
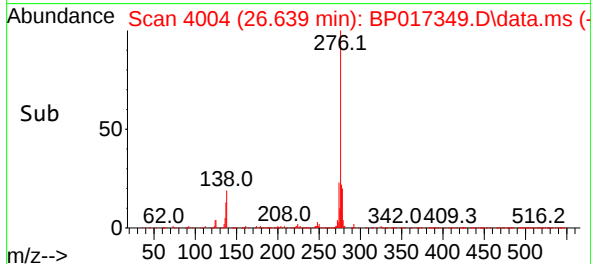
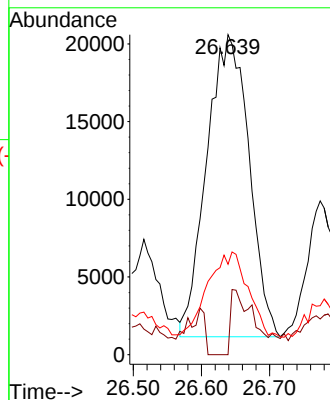
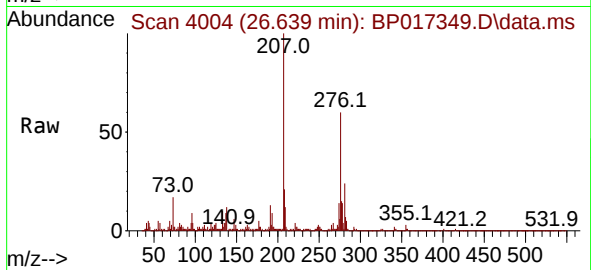
Tgt Ion:278 Resp: 83736

Ion Ratio Lower Upper

278 100

139 0.0 13.4 20.0#

279 28.2 19.5 29.3



#96

Benzo(g,h,i)perylene

Concen: 4.647 ng/ul

RT: 27.462 min Scan# 4144

Delta R.T. 0.000 min

Lab File: BP017349.D

Acq: 26 Sep 2023 07:45

Tgt Ion:276 Resp: 316785

Ion Ratio Lower Upper

276 100

138 20.5 17.3 25.9

277 25.9 18.8 28.2

