

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110723\
 Data File : BP017964.D
 Acq On : 08 Nov 2023 16:09
 Operator : MA/JU
 Sample : 05060-01DL 5X
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

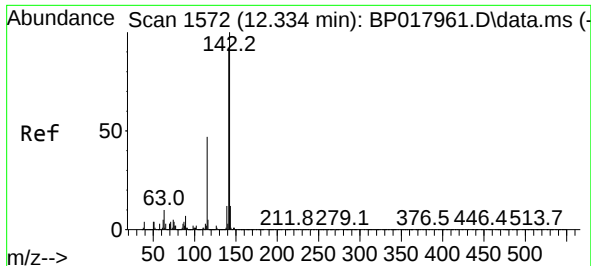
Instrument :
 BNA_P
 ClientSampleId :
 DCKL0DL

Quant Time: Nov 09 03:36:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP110623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 07 03:40:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	90779	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.663	136	380598	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.516	164	242345	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.292	188	544722	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.416	240	505226	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	563454	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	1828	0.771	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.016	99	31620	3.714	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	20735	4.038	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.369	132	25808	3.945	ng/u1	-0.02
15) 4-Methylphenol-d8	8.581	113	21441	3.047	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	11421	3.755	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	13636	3.892	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.293	165	34322	5.344	ng/u1	0.00
31) 4-Chloroaniline-d4	10.857	131	21047	2.262	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	95516	4.495	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	97362	4.175	ng/u1	0.00
54) 4-Nitrophenol-d4	14.781	143	10153	3.107	ng/u1	0.00
60) Fluorene-d10	15.522	176	81277	4.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.681	200	8515	2.138	ng/u1	0.00
73) Anthracene-d10	17.398	188	120250	4.246	ng/u1	0.00
81) Pyrene-d10	19.651	212	152202	4.746	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	137186	4.357	ng/u1	0.00
Target Compounds						
					Qvalue	
36) 2-Methylnaphthalene	12.328	142	128843	8.548	ng/u1	100
50) Acenaphthylene	14.246	152	405745	15.547	ng/u1	100
52) Acenaphthene	14.581	153	456084	26.368	ng/u1	99
61) Fluorene	15.575	166	301052	14.881	ng/u1	99
71) Pentachlorophenol	16.928	266	34461	7.706	ng/u1	96
72) Phenanthrene	17.339	178	622581	19.438	ng/u1	99
87) Chrysene	21.457	228	212586	5.892	ng/u1	99
91) Benzo(k)fluoranthene	23.180	252	733133	18.799	ng/u1	99
93) Benzo(a)pyrene	23.792	252	307156	8.496	ng/u1	98
95) Dibenzo(a,h)anthracene	26.557	278	379967	10.608	ng/u1#	96

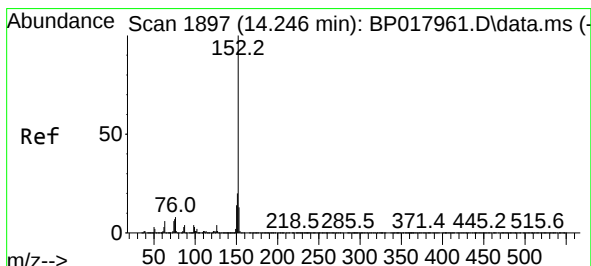
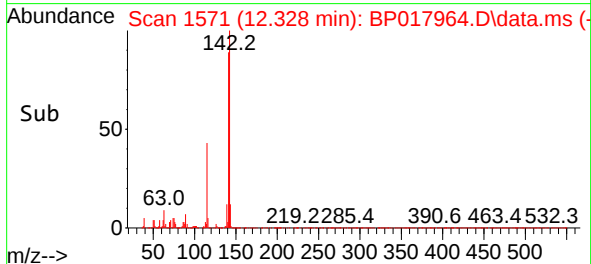
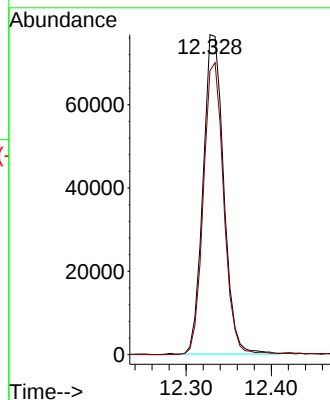
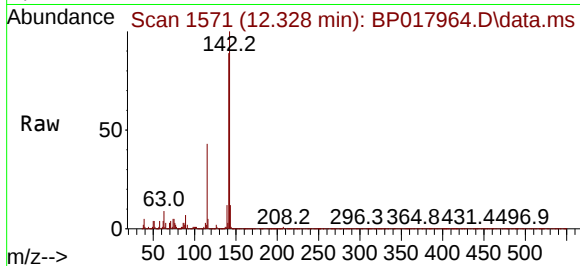
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#36
2-Methylnaphthalene
Concen: 8.548 ng/ul
RT: 12.328 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BP017964.D
Acq: 08 Nov 2023 16:09

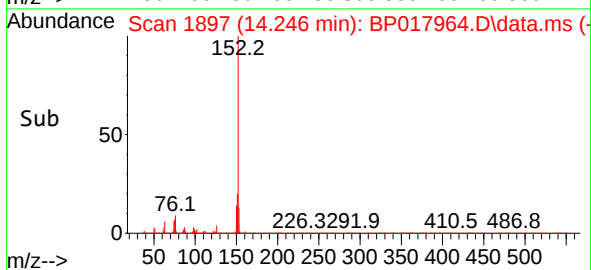
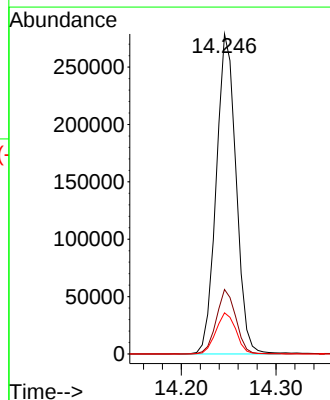
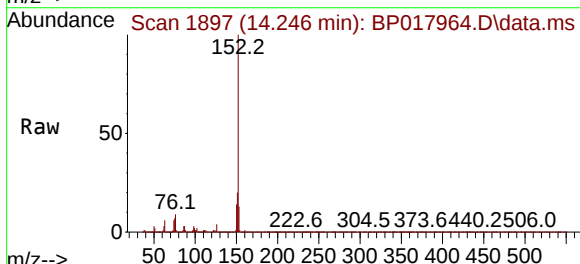
Instrument :
BNA_P
ClientSampleId :
DCKL0DL

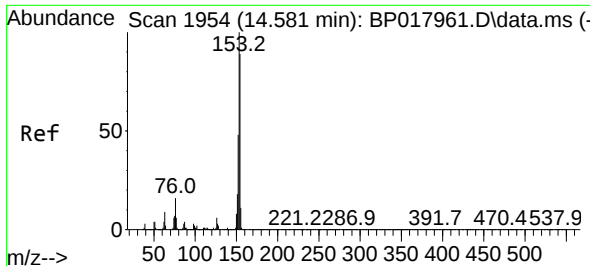
Tgt Ion:142 Resp: 128843
Ion Ratio Lower Upper
142 100
141 88.7 70.9 106.3



#50
Acenaphthylene
Concen: 15.547 ng/ul
RT: 14.246 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP017964.D
Acq: 08 Nov 2023 16:09

Tgt Ion:152 Resp: 405745
Ion Ratio Lower Upper
152 100
151 20.2 15.9 23.9
153 12.9 10.4 15.6

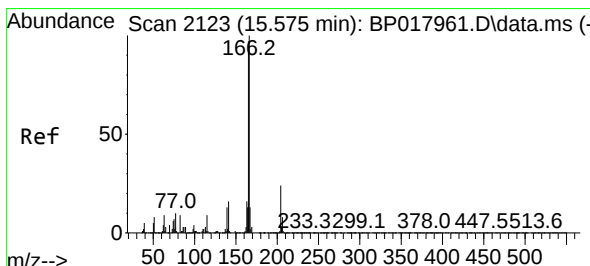
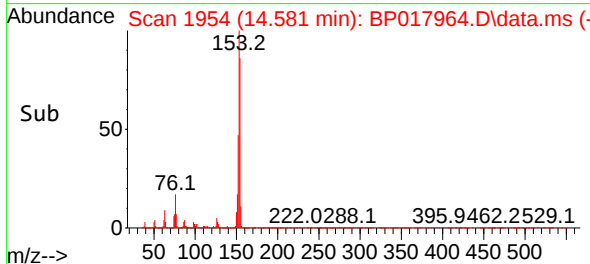
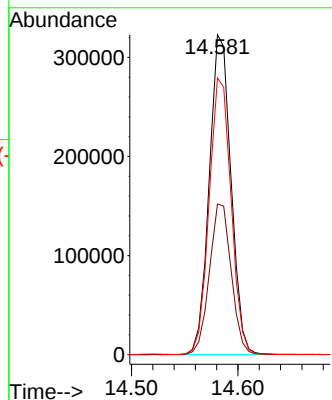
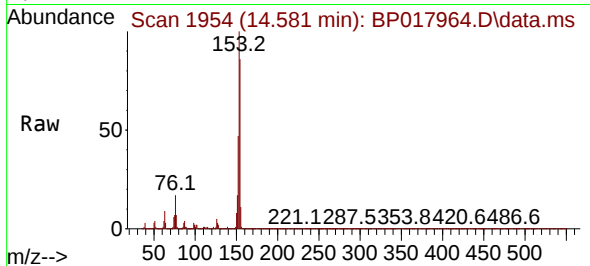




#52
Acenaphthene
Concen: 26.368 ng/ul
RT: 14.581 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BP017964.D
Acq: 08 Nov 2023 16:09

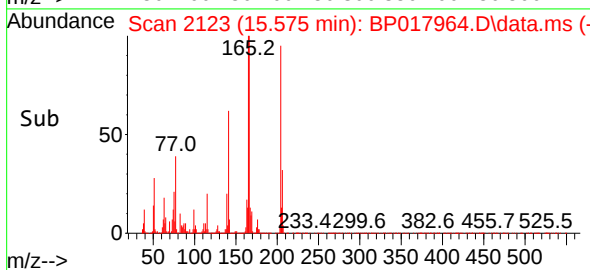
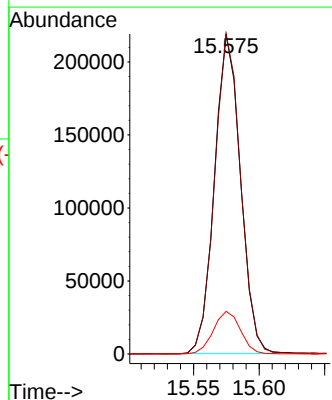
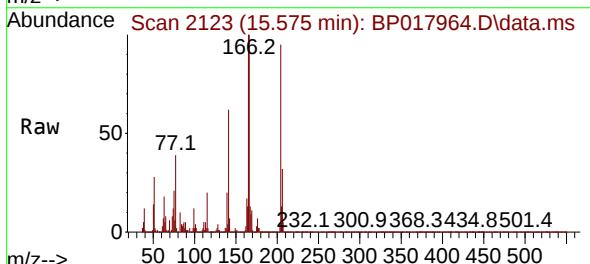
Instrument :
BNA_P
ClientSampleId :
DCKL0DL

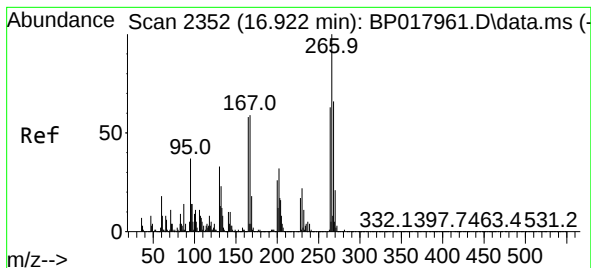
Tgt Ion:153 Resp: 456084
Ion Ratio Lower Upper
153 100
152 47.1 37.7 56.5
154 86.5 70.4 105.6



#61
Fluorene
Concen: 14.881 ng/ul
RT: 15.575 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BP017964.D
Acq: 08 Nov 2023 16:09

Tgt Ion:166 Resp: 301052
Ion Ratio Lower Upper
166 100
165 100.2 79.8 119.6
167 13.3 10.9 16.3





#71

Pentachlorophenol

Concen: 7.706 ng/ul

RT: 16.928 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

DCKL0DL

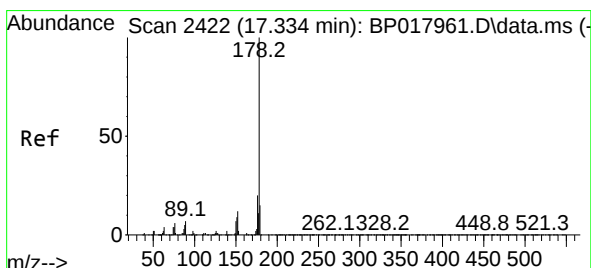
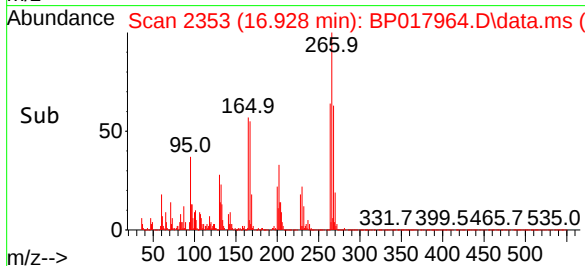
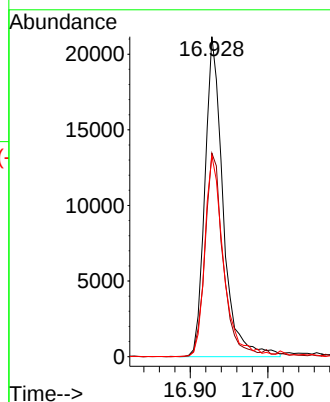
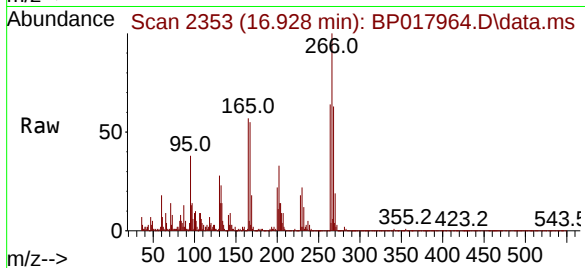
Tgt Ion:266 Resp: 34461

Ion Ratio Lower Upper

266 100

264 63.6 53.8 80.6

268 62.7 52.4 78.6



#72

Phenanthrene

Concen: 19.438 ng/ul

RT: 17.339 min Scan# 2423

Delta R.T. 0.000 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

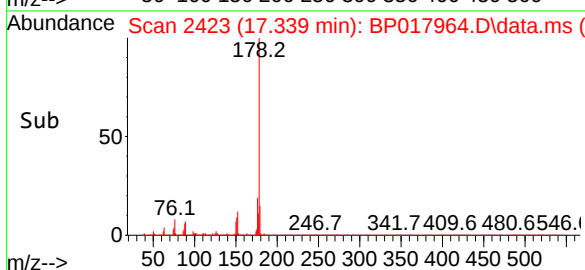
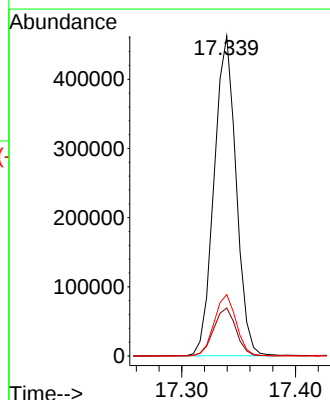
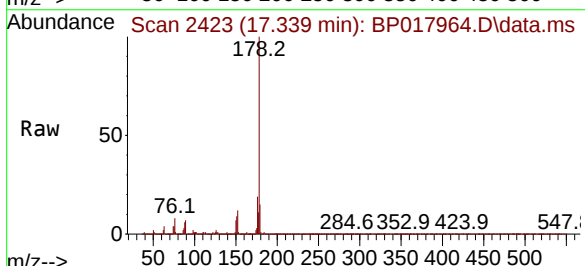
Tgt Ion:178 Resp: 622581

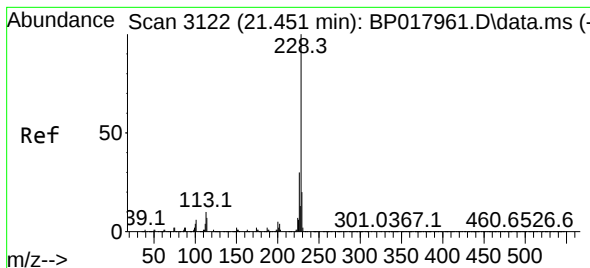
Ion Ratio Lower Upper

178 100

179 15.0 12.3 18.5

176 19.1 15.2 22.8





#87

Chrysene

Concen: 5.892 ng/ul

RT: 21.457 min Scan# 3122

Delta R.T. 0.006 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

DCKL0DL

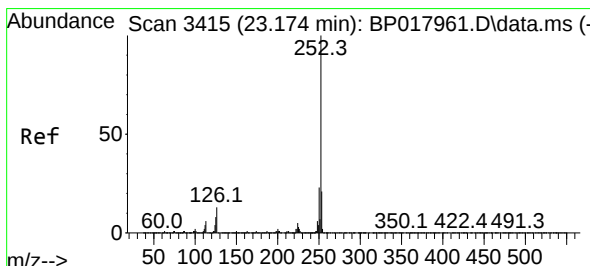
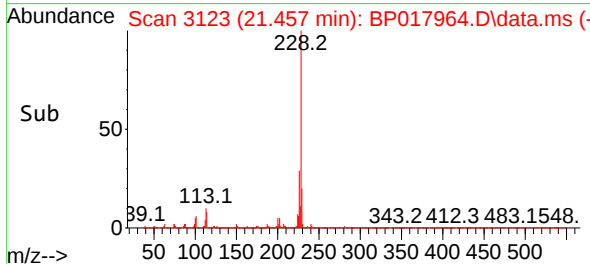
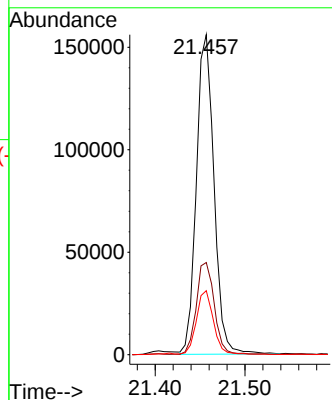
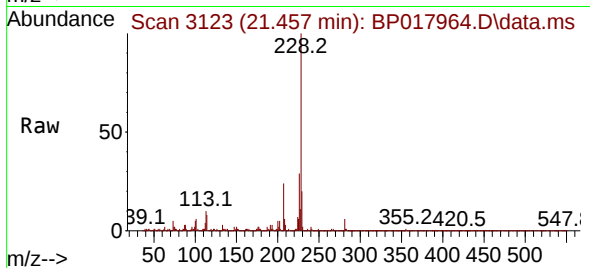
Tgt Ion:228 Resp: 212586

Ion Ratio Lower Upper

228 100

226 28.8 23.9 35.9

229 20.0 16.1 24.1



#91

Benzo(k)fluoranthene

Concen: 18.799 ng/ul

RT: 23.180 min Scan# 3416

Delta R.T. 0.006 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

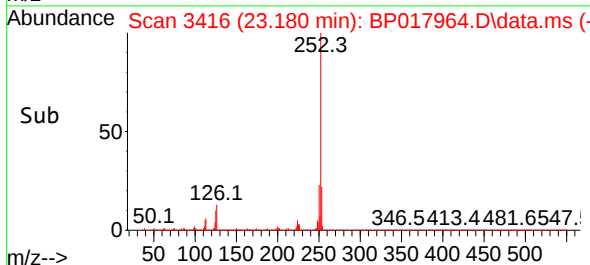
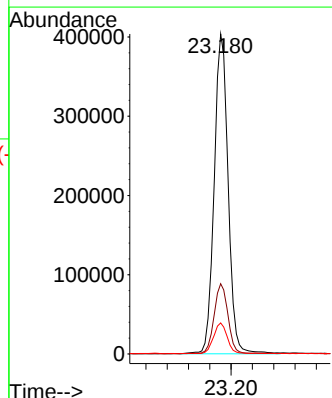
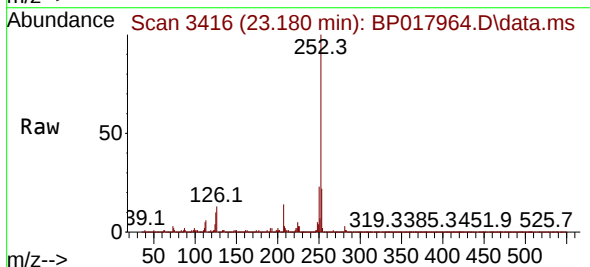
Tgt Ion:252 Resp: 733133

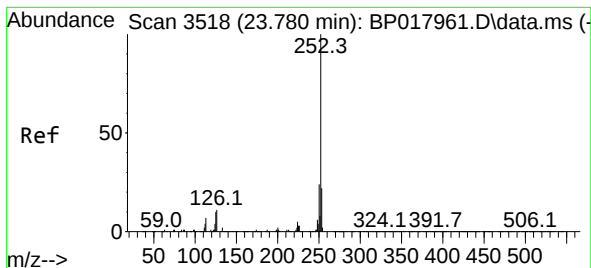
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.7 7.0 10.6





#93

Benzo(a)pyrene

Concen: 8.496 ng/ul

RT: 23.792 min Scan# 30

Delta R.T. 0.012 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

Instrument :

BNA_P

ClientSampleId :

DCKL0DL

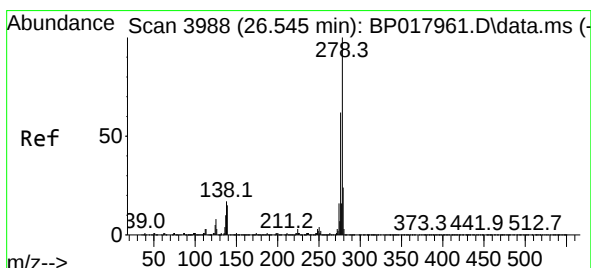
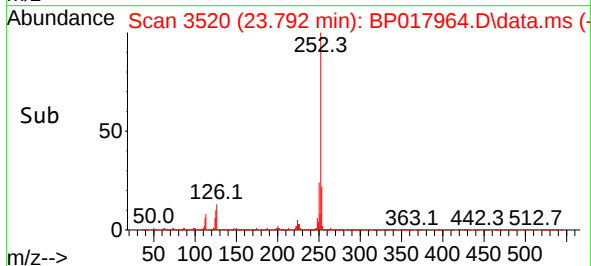
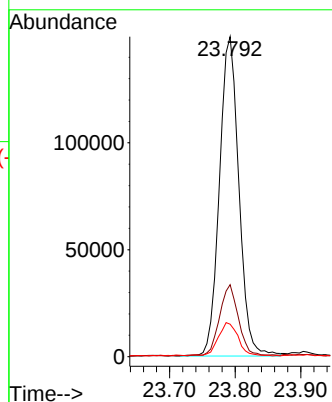
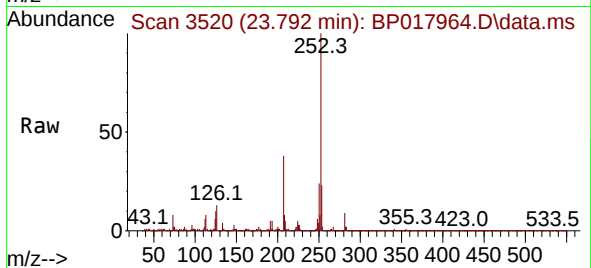
Tgt Ion:252 Resp: 307156

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 10.2 7.5 11.3



#95

Dibenzo(a,h)anthracene

Concen: 10.608 ng/ul

RT: 26.557 min Scan# 3990

Delta R.T. 0.006 min

Lab File: BP017964.D

Acq: 08 Nov 2023 16:09

Tgt Ion:278 Resp: 379967

Ion Ratio Lower Upper

278 100

139 16.6 11.0 16.4#

279 24.8 19.1 28.7

