

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050423\
 Data File : BP014964.D
 Acq On : 04 May 2023 21:41
 Operator : CG/JU
 Sample : 02447-21 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW939

Quant Time: May 05 00:20:36 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 04 11:40:49 2023
 Response via : Initial Calibration

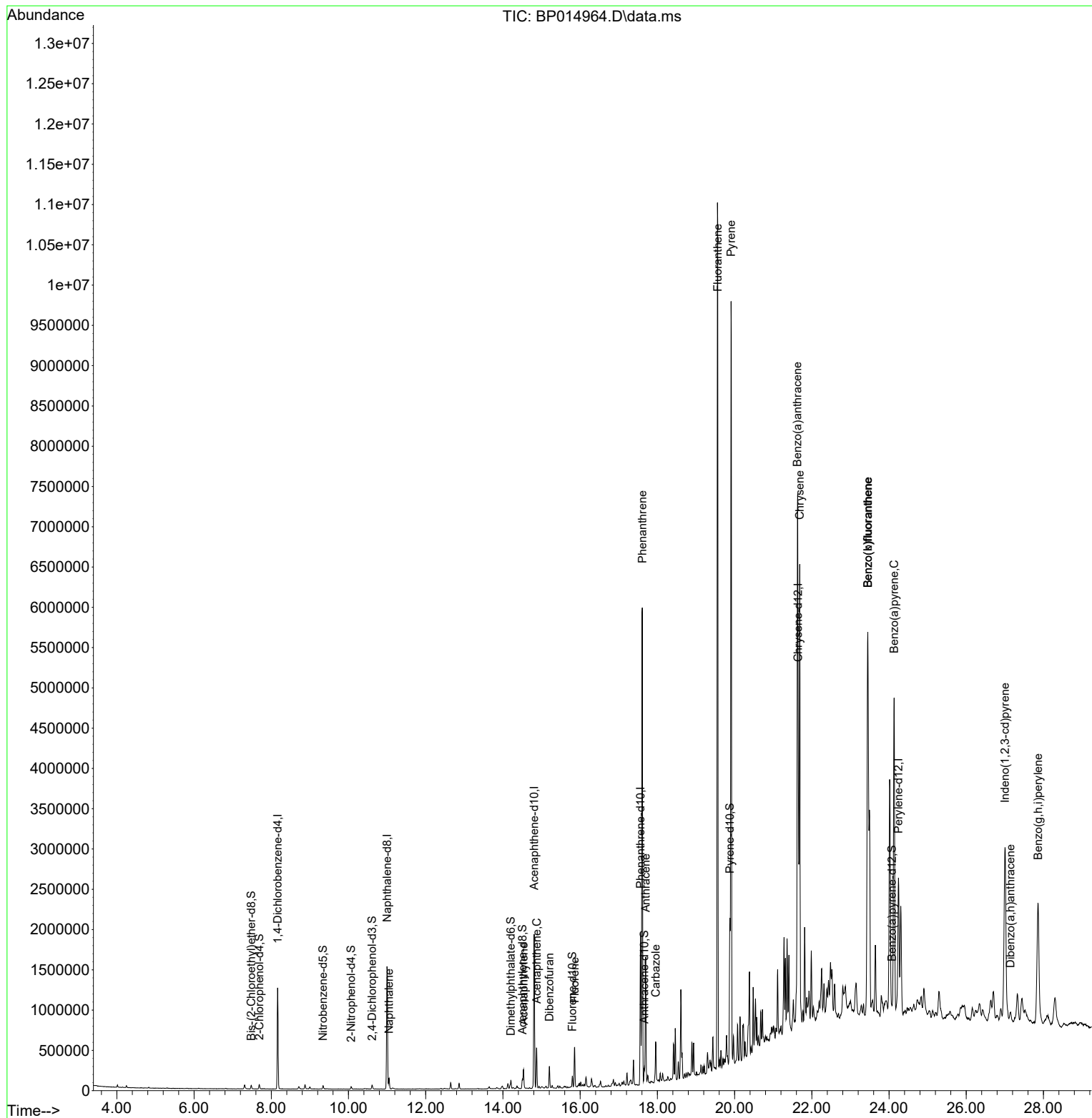
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.163	152	348876	20.000	ng/u1	0.00
20) Naphthalene-d8	10.998	136	1305102	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.810	164	651836	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.563	188	1126414	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	1110846	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	1389783	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.463	96	2228	0.237	ng/uL	0.00
4) Pyridine-d5	3.881	84	729	0.028	ng/u1	-0.02
7) Phenol-d5	7.310	99	30199	0.998	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.481	67	20380	1.090	ng/u1	0.00
11) 2-Chlorophenol-d4	7.693	132	25776	1.159	ng/u1	0.00
15) 4-Methylphenol-d8	8.875	113	22229	0.954	ng/u1	0.00
21) Nitrobenzene-d5	9.340	128	10385	1.119	ng/u1	0.00
24) 2-Nitrophenol-d4	10.069	143	10146	1.064	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.610	165	19960	1.067	ng/u1	0.00
31) 4-Chloroaniline-d4	11.139	131	6495	0.240	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	63244	1.371	ng/u1	0.00
49) Acenaphthylene-d8	14.504	160	71824	1.298	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	2151	0.268	ng/u1	0.00
60) Fluorene-d10	15.798	176	50883	1.282	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.916	200	1641	0.259	ng/u1	0.00
73) Anthracene-d10	17.663	188	70844	1.400	ng/u1	0.00
81) Pyrene-d10	19.880	212	86393	1.153	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.074	264	99139	1.464	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	11.051	128	106296	1.482	ng/u1	99
50) Acenaphthylene	14.533	152	172069	2.743	ng/u1	99
52) Acenaphthene	14.875	153	198301	4.568	ng/u1	99
56) Dibenzofuran	15.204	168	155312	2.652	ng/u1	100
61) Fluorene	15.857	166	225645	4.884	ng/u1	99
72) Phenanthrene	17.610	178	3636865	58.443	ng/u1	100
74) Anthracene	17.698	178	986736	15.927	ng/u1	99
77) Carbazole	17.957	167	295162	5.664	ng/u1	100
80) Fluoranthene	19.563	202	6714188	73.033	ng/u1	98
82) Pyrene	19.910	202	5953740	61.126	ng/u1	99
85) Benzo(a)anthracene	21.627	228	3269141	44.091	ng/u1	99
87) Chrysene	21.686	228	3305371	44.274	ng/u1	98
90) Benzo(b)fluoranthene	23.451	252	4748990	52.873	ng/u1	98
91) Benzo(k)fluoranthene	23.451	252	4748990	51.951	ng/u1	99
93) Benzo(a)pyrene	24.133	252	3152563	40.022	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	27.003	276	2411065	25.093	ng/u1	96
95) Dibenzo(a,h)anthracene	27.144	278	164956	2.095	ng/u1	95
96) Benzo(g,h,i)perylene	27.862	276	2139288	26.160	ng/u1	97

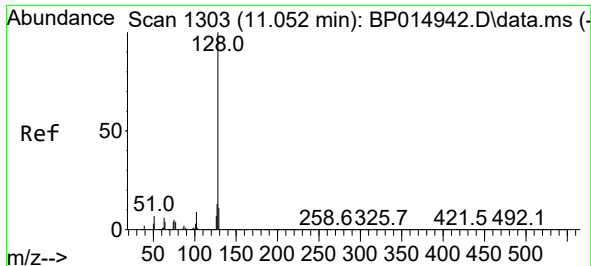
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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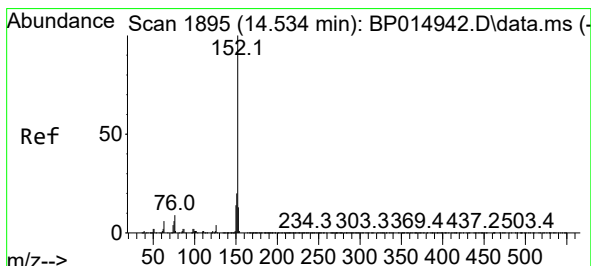
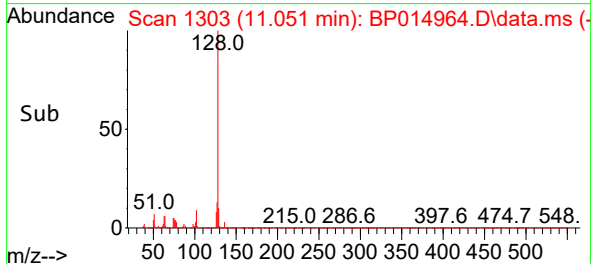
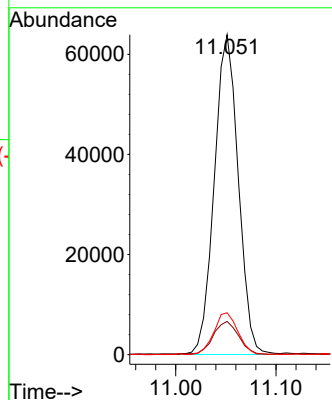
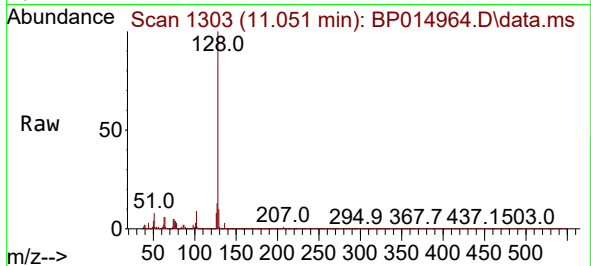




#30
Naphthalene
Concen: 1.482 ng/ul
RT: 11.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

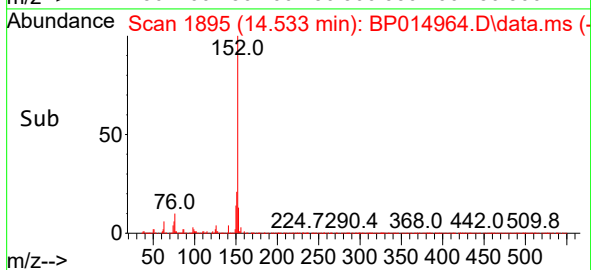
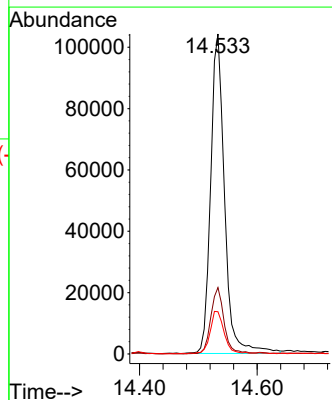
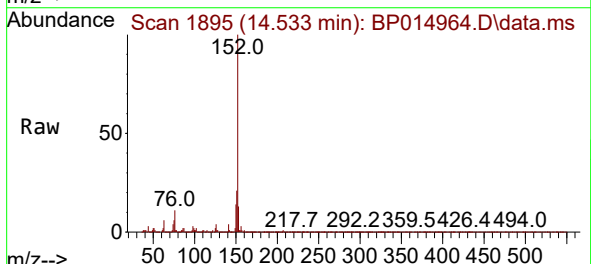
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BNA_P
ClientSampleId :
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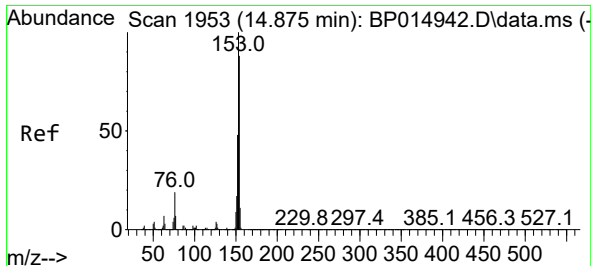
Tgt Ion:128 Resp: 106296
Ion Ratio Lower Upper
128 100
129 10.4 8.7 13.1
127 13.1 10.4 15.6



#50
Acenaphthylene
Concen: 2.743 ng/ul
RT: 14.533 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

Tgt Ion:152 Resp: 172069
Ion Ratio Lower Upper
152 100
151 20.7 16.1 24.1
153 13.2 10.4 15.6

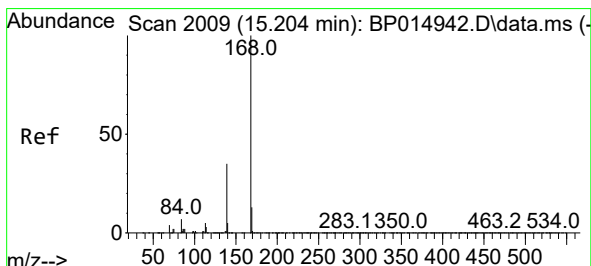
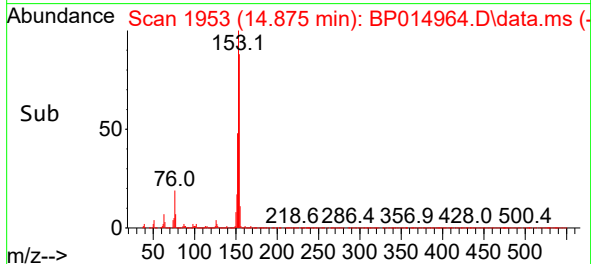
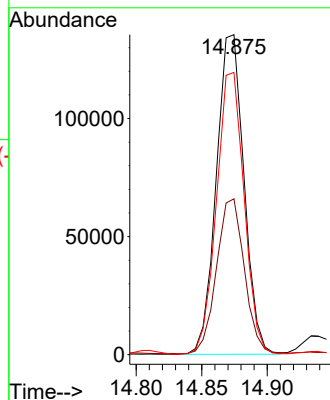
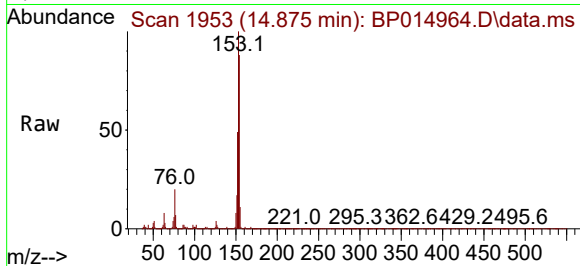




#52
Acenaphthene
Concen: 4.568 ng/ul
RT: 14.875 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

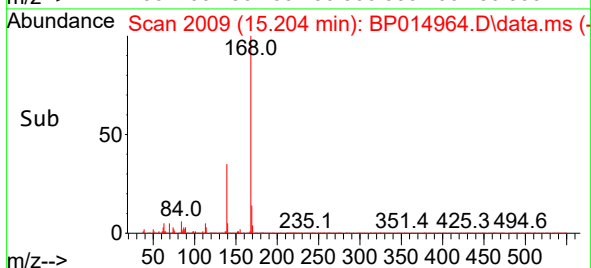
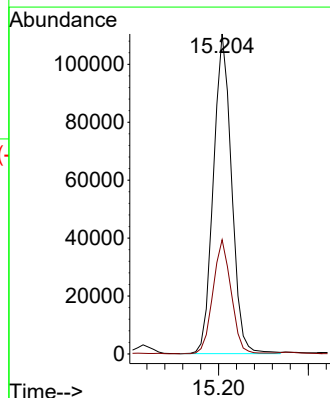
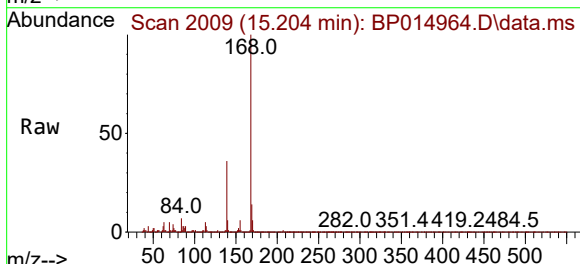
Instrument :
BNA_P
ClientSampleId :
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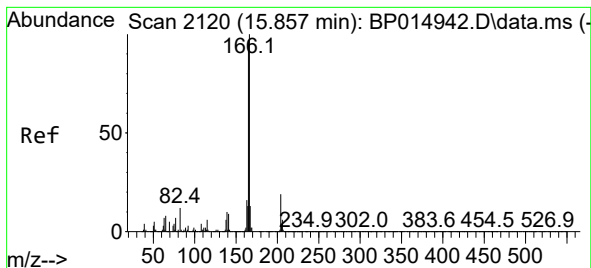
Tgt Ion:153 Resp: 198301
Ion Ratio Lower Upper
153 100
152 48.7 38.8 58.2
154 88.2 69.6 104.4



#56
Dibenzofuran
Concen: 2.652 ng/ul
RT: 15.204 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

Tgt Ion:168 Resp: 155312
Ion Ratio Lower Upper
168 100
139 35.7 28.6 42.8





#61

Fluorene

Concen: 4.884 ng/ul

RT: 15.857 min Scan# 2120

Delta R.T. -0.000 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

Instrument :

BNA_P

ClientSampleId :

EW939

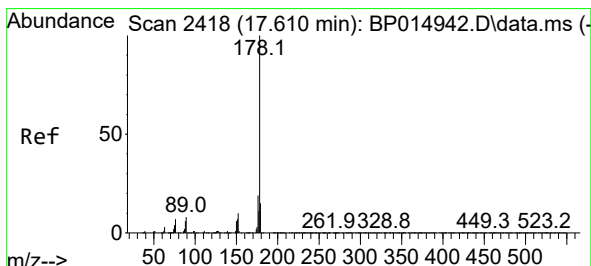
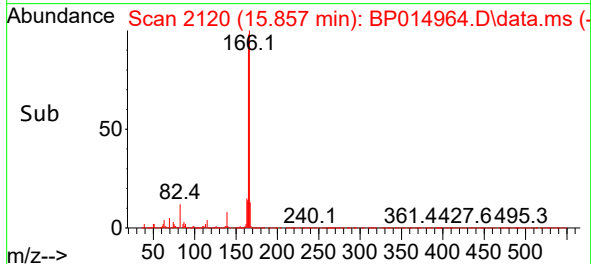
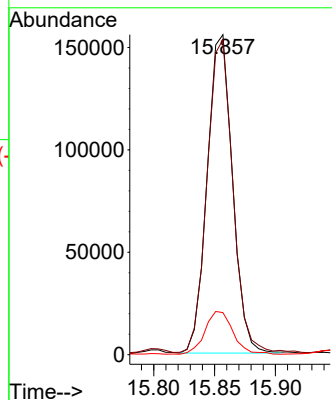
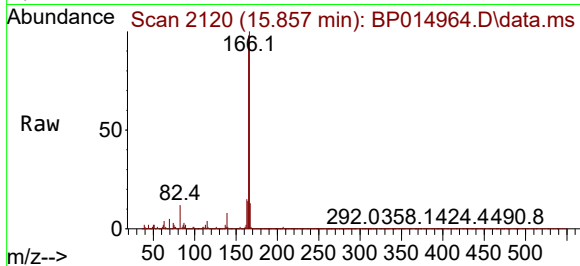
Tgt Ion:166 Resp: 225645

Ion Ratio Lower Upper

166 100

165 98.4 79.3 118.9

167 13.2 10.7 16.1



#72

Phenanthrene

Concen: 58.443 ng/ul

RT: 17.610 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

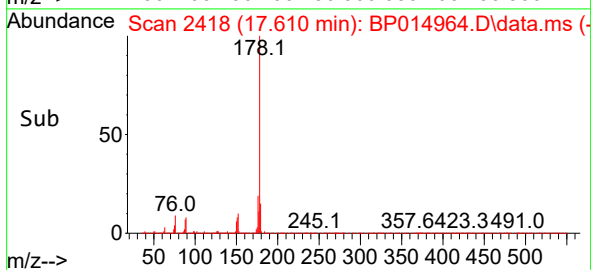
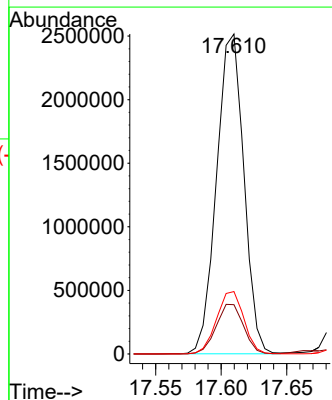
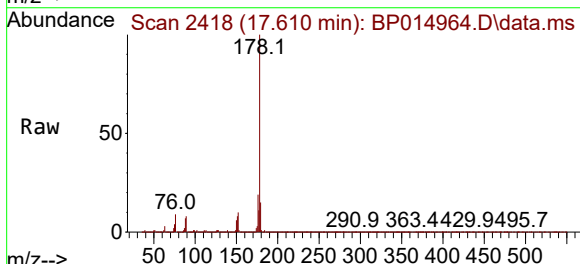
Tgt Ion:178 Resp: 3636865

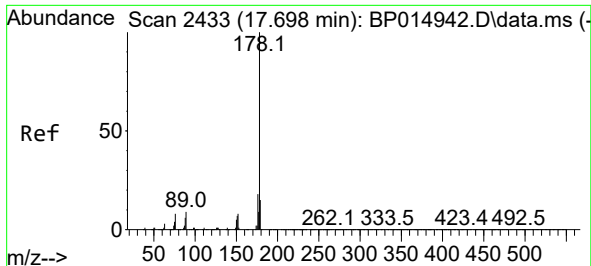
Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

176 19.5 15.4 23.0

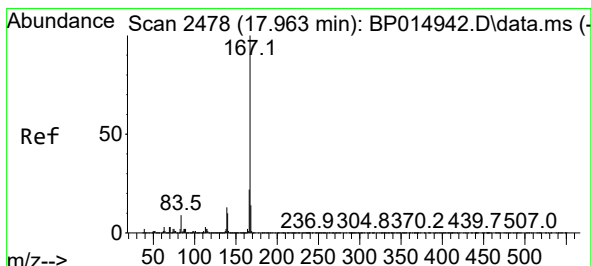
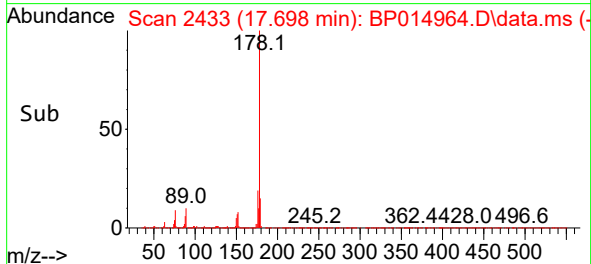
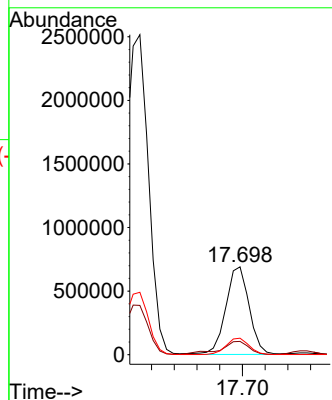
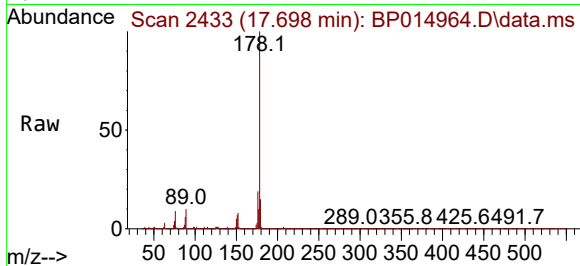




#74
 Anthracene
 Concen: 15.927 ng/ul
 RT: 17.698 min Scan# 2433
 Delta R.T. -0.000 min
 Lab File: BP014964.D
 Acq: 04 May 2023 21:41

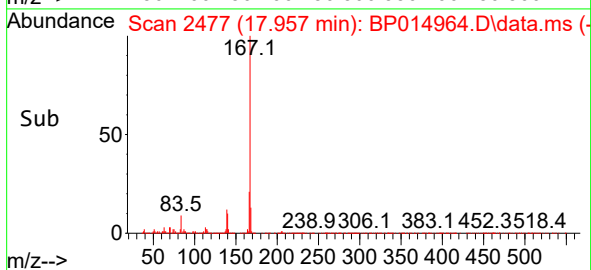
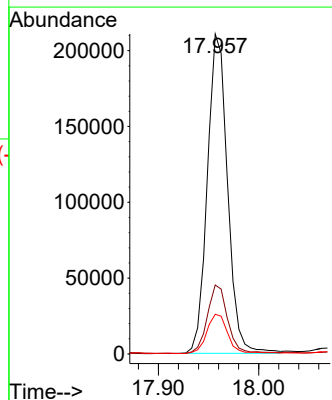
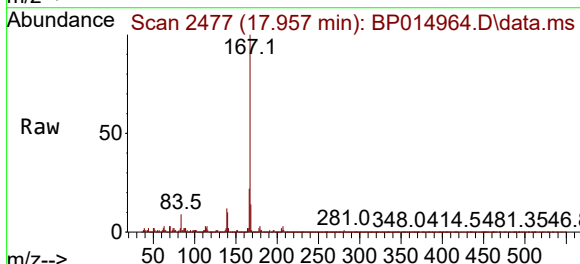
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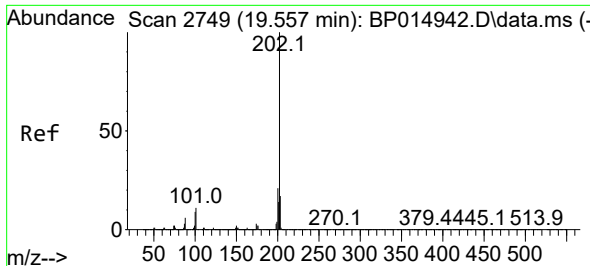
Tgt Ion:178 Resp: 986736
 Ion Ratio Lower Upper
 178 100
 179 15.2 12.6 18.8
 176 18.7 15.0 22.4



#77
 Carbazole
 Concen: 5.664 ng/ul
 RT: 17.957 min Scan# 2477
 Delta R.T. -0.006 min
 Lab File: BP014964.D
 Acq: 04 May 2023 21:41

Tgt Ion:167 Resp: 295162
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.1 25.7
 139 12.4 10.1 15.1

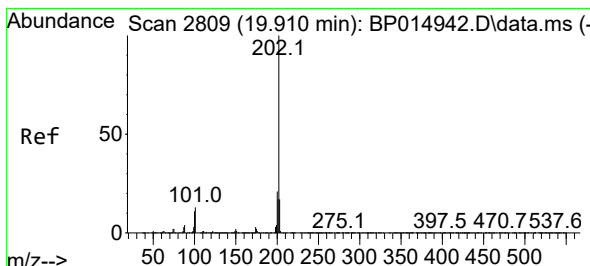
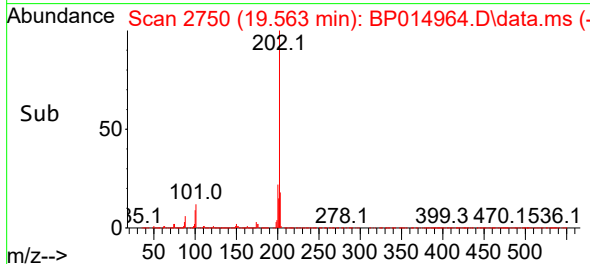
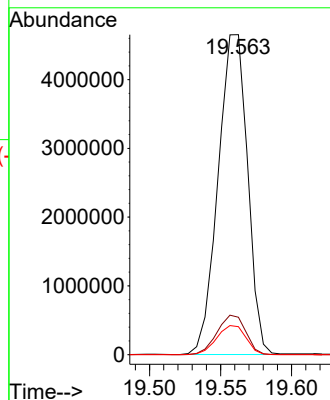
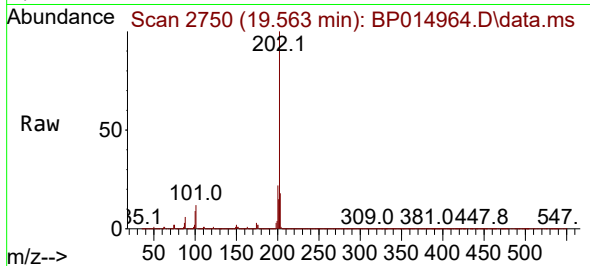




#80
Fluoranthene
Concen: 73.033 ng/ul
RT: 19.563 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

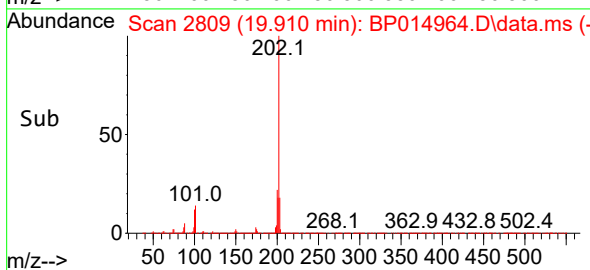
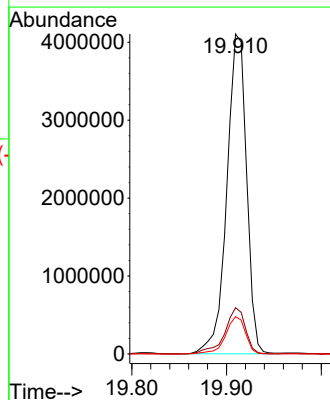
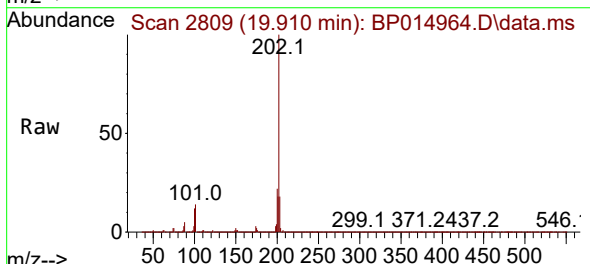
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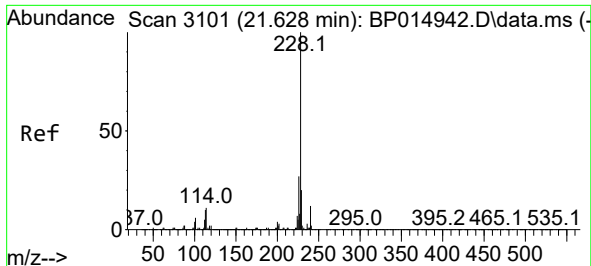
Tgt Ion:202 Resp: 6714188
Ion Ratio Lower Upper
202 100
101 11.7 10.1 15.1
100 8.7 7.7 11.5



#82
Pyrene
Concen: 61.126 ng/ul
RT: 19.910 min Scan# 2809
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

Tgt Ion:202 Resp: 5953740
Ion Ratio Lower Upper
202 100
101 14.4 11.9 17.9
100 11.6 9.7 14.5

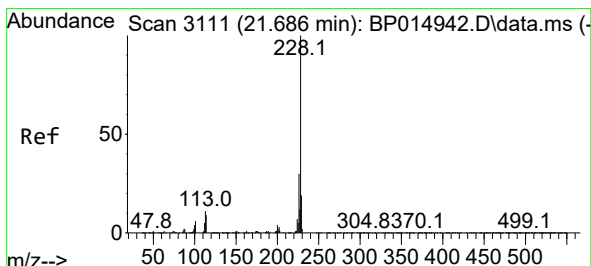
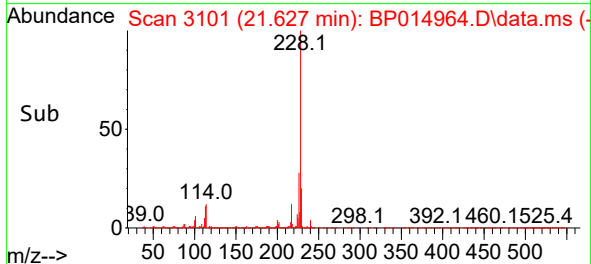
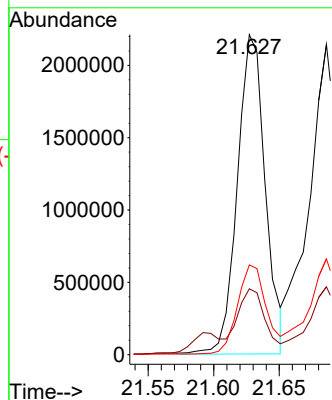
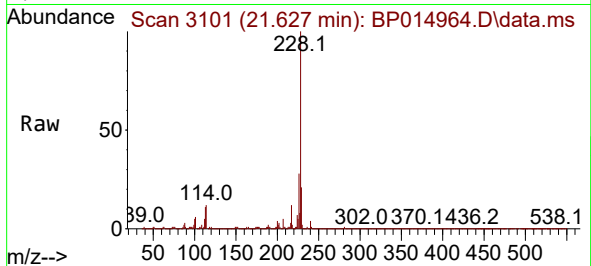




#85
Benzo(a)anthracene
Concen: 44.091 ng/ul
RT: 21.627 min Scan# 3101
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

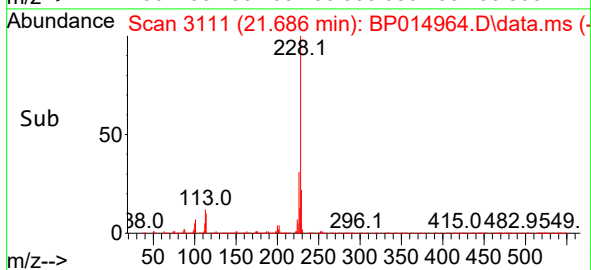
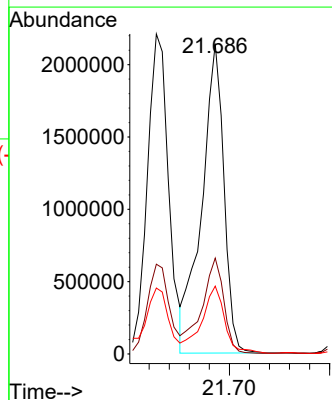
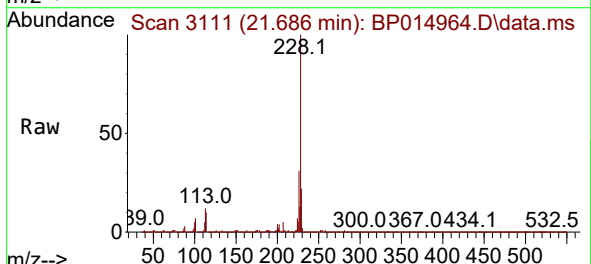
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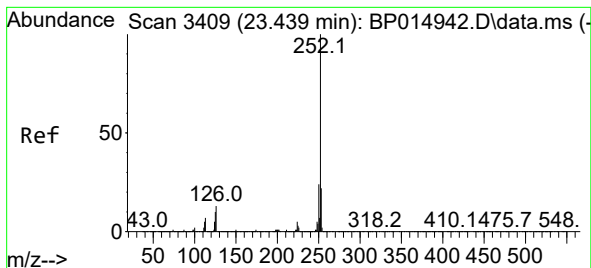
Tgt Ion:228 Resp: 3269141
Ion Ratio Lower Upper
228 100
229 20.6 15.9 23.9
226 28.1 22.1 33.1



#87
Chrysene
Concen: 44.274 ng/ul
RT: 21.686 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

Tgt Ion:228 Resp: 3305371
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 21.9 15.8 23.8





#90

Benzo(b)fluoranthene

Concen: 52.873 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. 0.011 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

Instrument :

BNA_P

ClientSampleId :

EW939

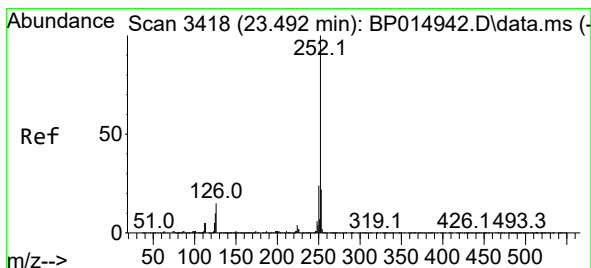
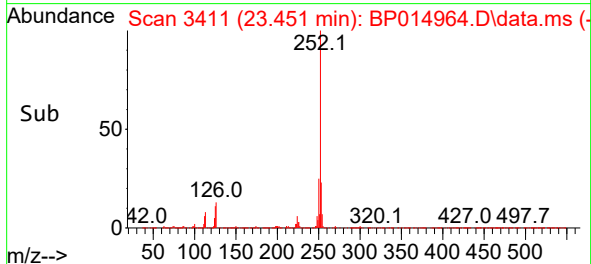
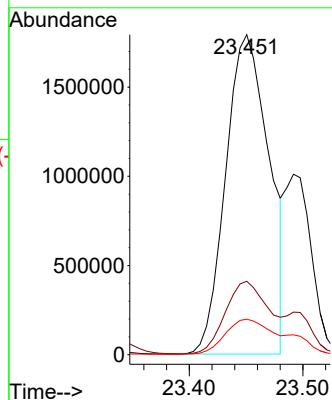
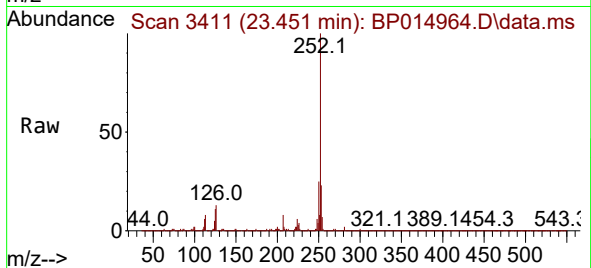
Tgt Ion:252 Resp: 4748990

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

125 11.1 8.4 12.6



#91

Benzo(k)fluoranthene

Concen: 51.951 ng/ul

RT: 23.451 min Scan# 3411

Delta R.T. -0.042 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

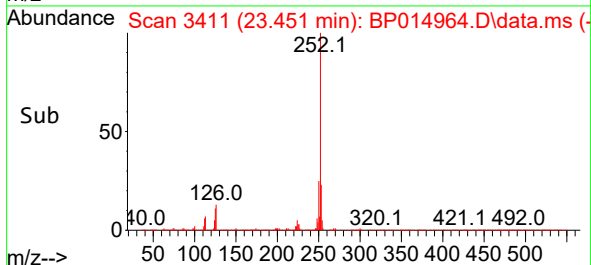
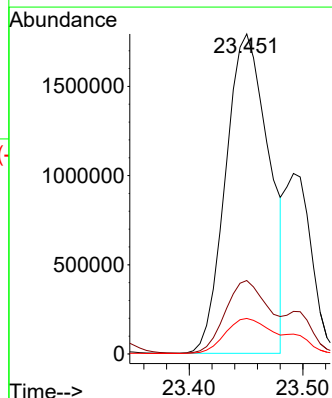
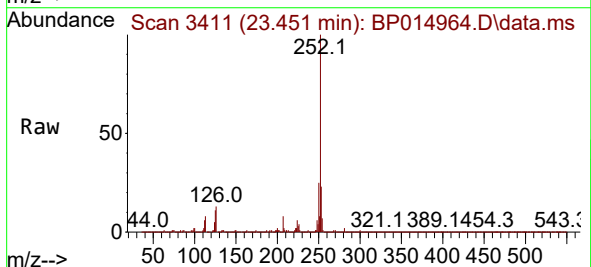
Tgt Ion:252 Resp: 4748990

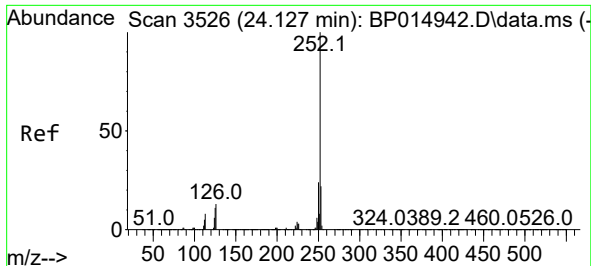
Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.6

125 11.1 8.9 13.3

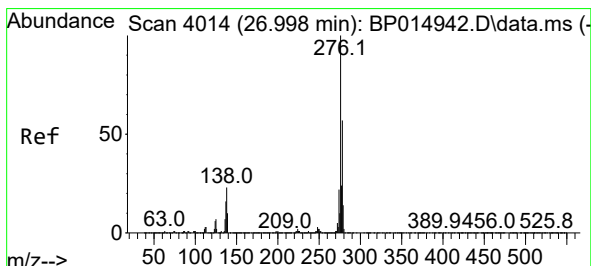
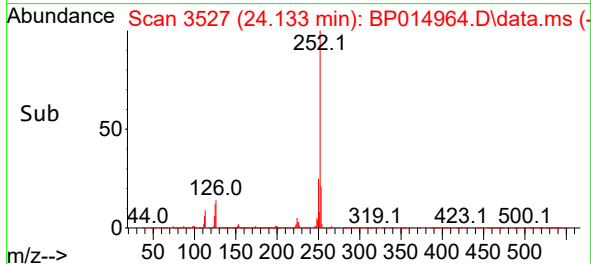
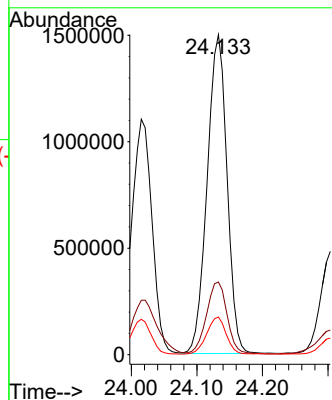
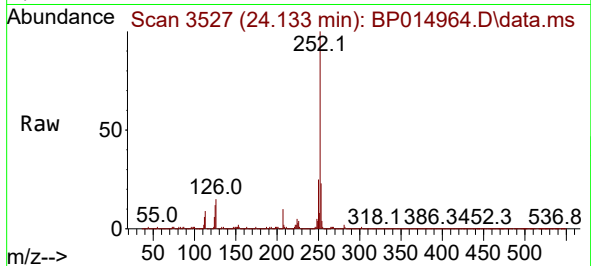




#93
Benzo(a)pyrene
Concen: 40.022 ng/ul
RT: 24.133 min Scan# 31
Delta R.T. 0.005 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

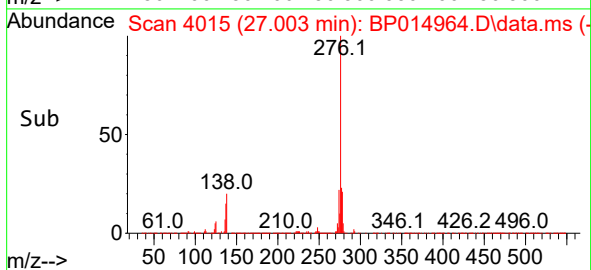
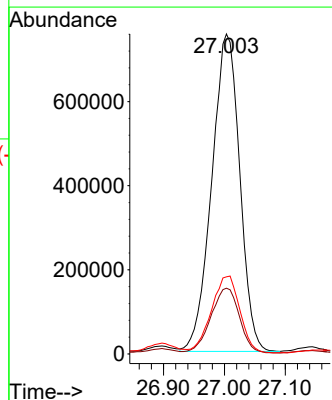
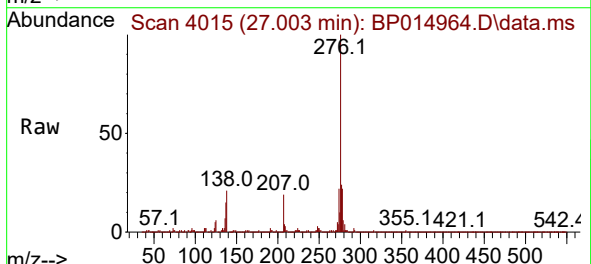
Instrument :
BNA_P
ClientSampleId :
EW939

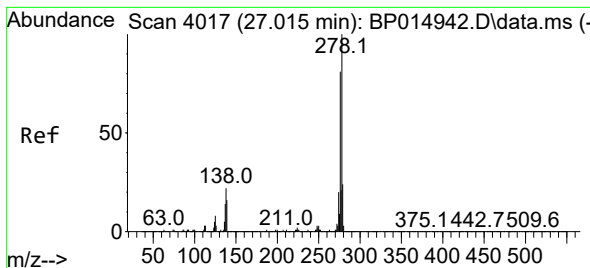
Tgt Ion:252 Resp: 3152563
Ion Ratio Lower Upper
252 100
253 22.7 17.5 26.3
125 11.8 9.4 14.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 25.093 ng/ul
RT: 27.003 min Scan# 4015
Delta R.T. 0.005 min
Lab File: BP014964.D
Acq: 04 May 2023 21:41

Tgt Ion:276 Resp: 2411065
Ion Ratio Lower Upper
276 100
138 20.5 19.4 29.0
277 24.1 19.4 29.2





#95

Dibenzo(a,h)anthracene

Concen: 2.095 ng/ul

RT: 27.144 min Scan# 4017

Delta R.T. 0.129 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

Instrument :

BNA_P

ClientSampleId :

EW939

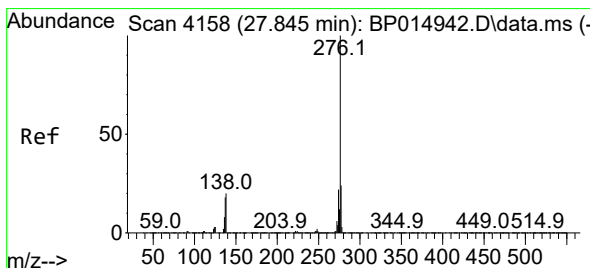
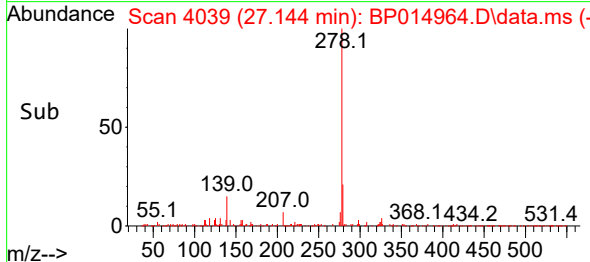
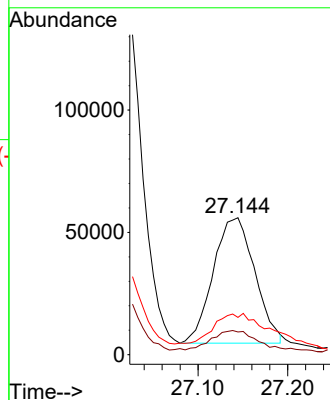
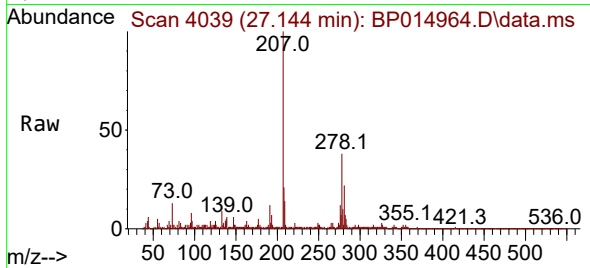
Tgt Ion:278 Resp: 164956

Ion Ratio Lower Upper

278 100

139 16.7 12.9 19.3

279 27.2 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 26.160 ng/ul

RT: 27.862 min Scan# 4161

Delta R.T. 0.017 min

Lab File: BP014964.D

Acq: 04 May 2023 21:41

Tgt Ion:276 Resp: 2139288

Ion Ratio Lower Upper

276 100

138 20.3 18.0 27.0

277 23.8 19.8 29.8

