

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061623\
 Data File : BP015591.D
 Acq On : 16 Jun 2023 21:26
 Operator : MA/JU
 Sample : 03080-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFH2

Quant Time: Jun 16 22:09:40 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 15 05:36:46 2023
 Response via : Initial Calibration

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

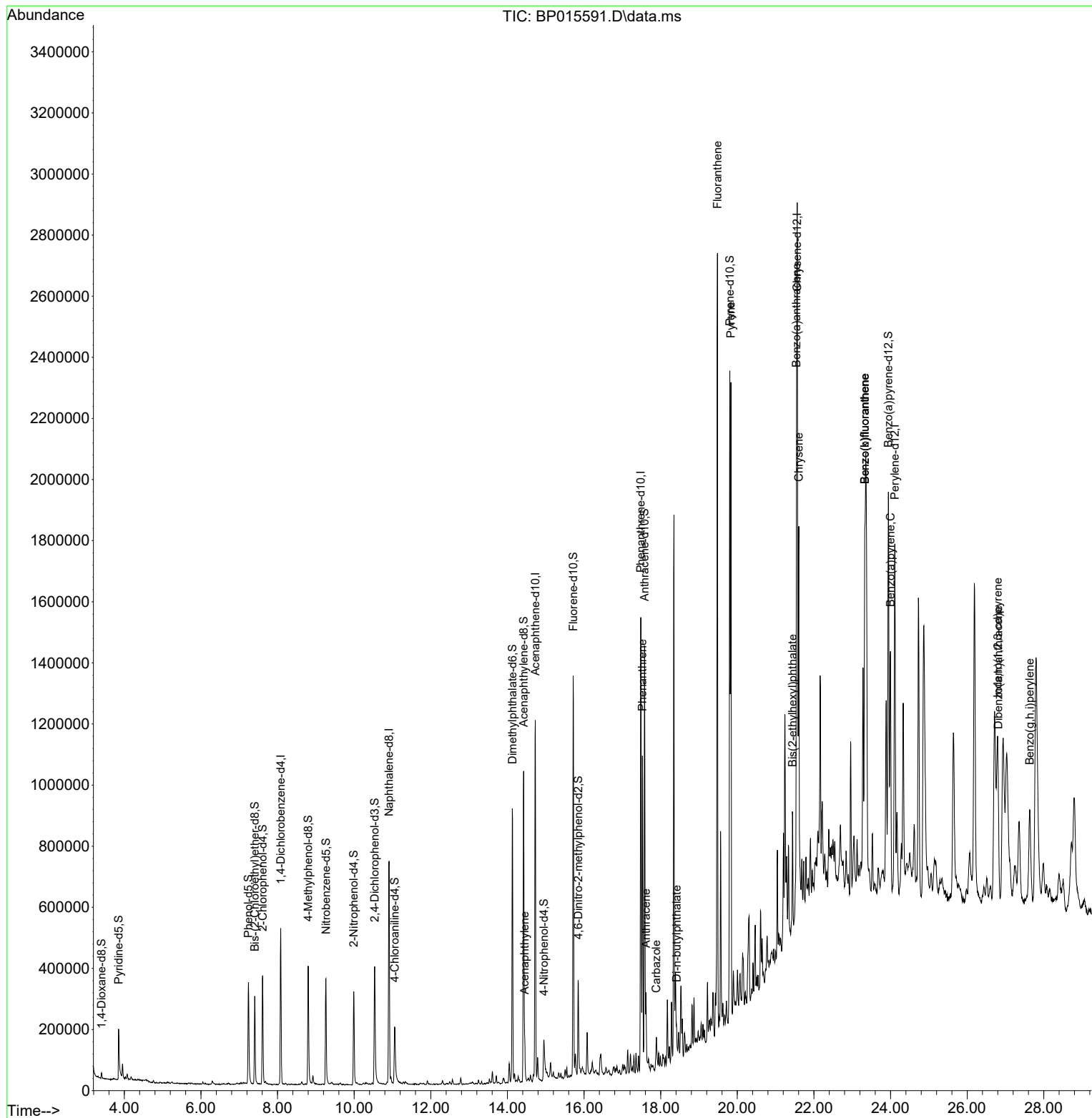
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	131935	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	581899	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	386611	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.481	188	876532	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	837251	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	925110	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	9331	2.619	ng/uL	0.00
4) Pyridine-d5	3.852	84	100347	10.843	ng/ul	0.00
7) Phenol-d5	7.240	99	196058	16.130	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	128497	17.702	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	157905	17.918	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	148754	14.912	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	81141	17.761	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	89682	17.190	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.534	165	161503	16.970	ng/ul	0.00
31) 4-Chloroaniline-d4	11.057	131	131595	9.633	ng/ul	0.00
46) Dimethylphthalate-d6	14.128	166	573172	18.801	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	626089	18.781	ng/ul	0.00
54) 4-Nitrophenol-d4	14.951	143	51506	9.434	ng/ul	0.02
60) Fluorene-d10	15.716	176	489427	19.038	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.851	200	67463	12.149	ng/ul	0.00
73) Anthracene-d10	17.581	188	747276	18.738	ng/ul	0.00
81) Pyrene-d10	19.804	212	944910	21.087	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	904790	19.492	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	82968	2.247	ng/ul	99
72) Phenanthrene	17.522	178	575565	12.236	ng/ul	100
74) Anthracene	17.616	178	145931	3.058	ng/ul	99
77) Carbazole	17.886	167	59350	1.381	ng/ul	97
78) Di-n-butylphthalate	18.416	149	54597	1.001	ng/ul	99
80) Fluoranthene	19.480	202	1328562	24.340	ng/ul	100
82) Pyrene	19.833	202	1168841	20.698	ng/ul	99
85) Benzo(a)anthracene	21.545	228	683255	11.674	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.439	149	110384	2.992	ng/ul	99
87) Chrysene	21.604	228	681284	12.314	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1057983	17.717	ng/ul	97
91) Benzo(k)fluoranthene	23.327	252	1057983	18.328	ng/ul	98
93) Benzo(a)pyrene	23.998	252	643588	12.362	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.798	276	464376	6.892	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.810	278	120102	2.188	ng/ul#	81
96) Benzo(g,h,i)perylene	27.633	276	425783	7.668	ng/ul	99

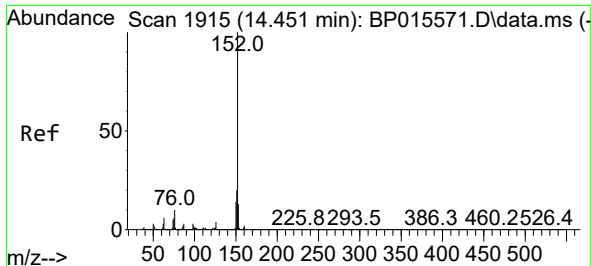
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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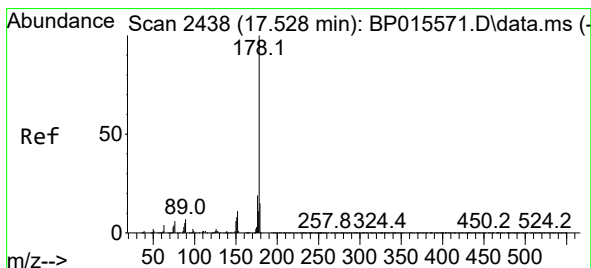
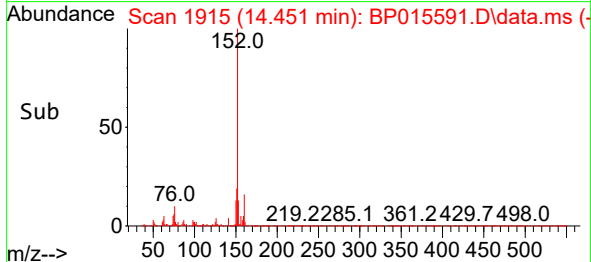
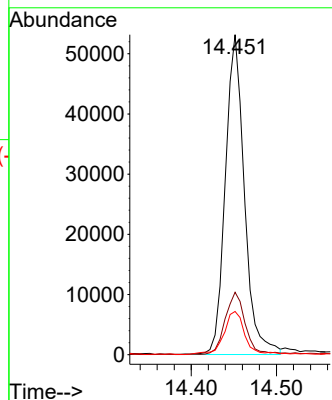
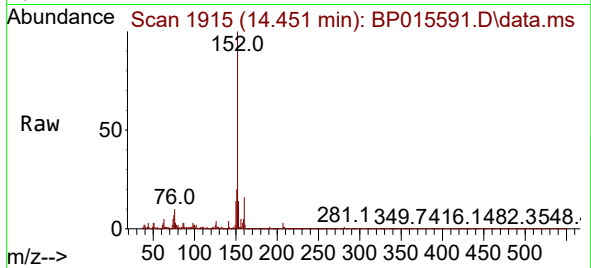




#50
Acenaphthylene
Concen: 2.247 ng/ul
RT: 14.451 min Scan# 1915
Delta R.T. -0.000 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

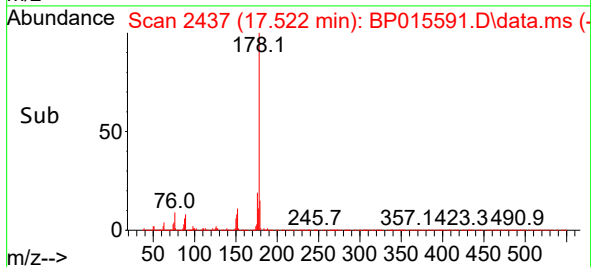
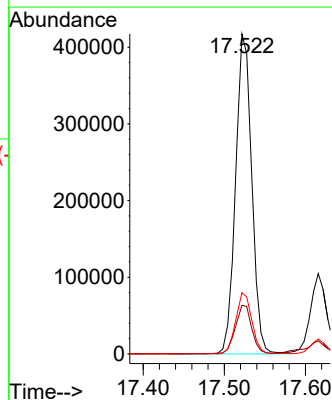
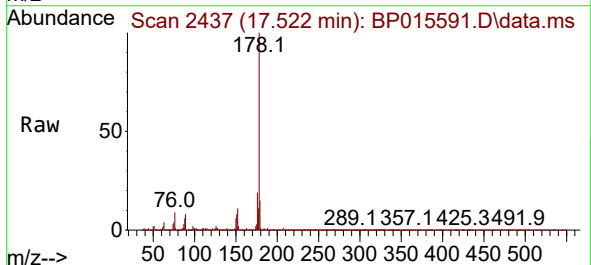
Instrument :
BNA_P
ClientSampleId :
DCFH2

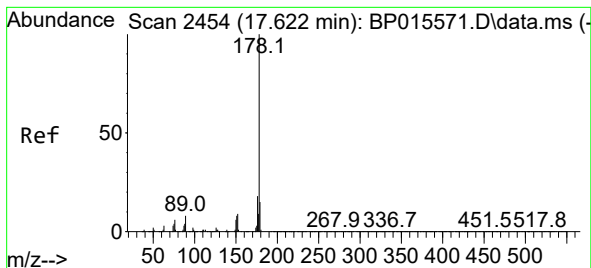
Tgt Ion:152 Resp: 82968
Ion Ratio Lower Upper
152 100
151 19.5 16.0 24.0
153 13.5 10.6 15.8



#72
Phenanthrene
Concen: 12.236 ng/ul
RT: 17.522 min Scan# 2437
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Tgt Ion:178 Resp: 575565
Ion Ratio Lower Upper
178 100
179 15.2 12.3 18.5
176 19.2 15.4 23.0





#74

Anthracene

Concen: 3.058 ng/ul

RT: 17.616 min Scan# 2453

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

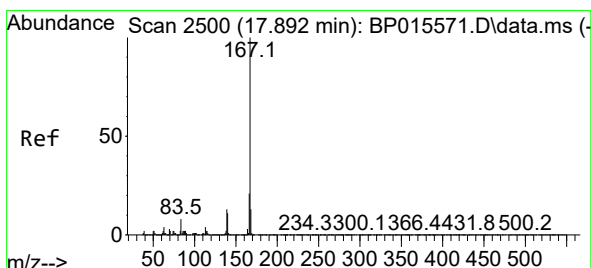
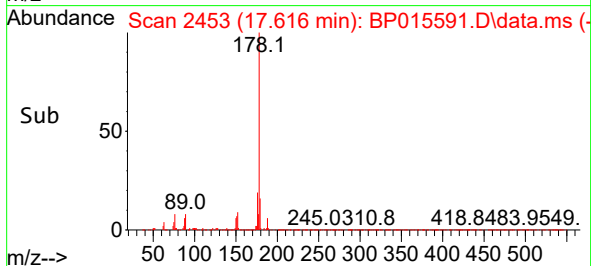
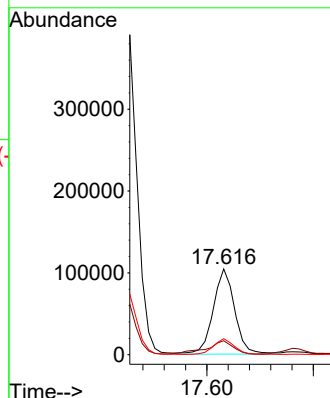
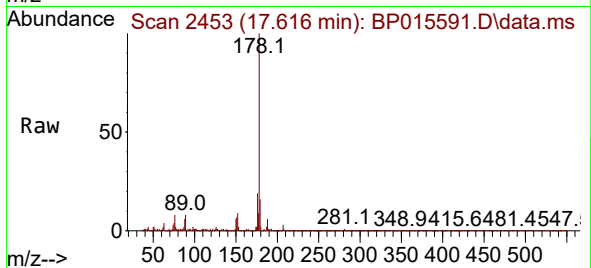
Tgt Ion:178 Resp: 145931

Ion Ratio Lower Upper

178 100

179 16.3 12.4 18.6

176 18.6 15.0 22.4



#77

Carbazole

Concen: 1.381 ng/ul

RT: 17.886 min Scan# 2499

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

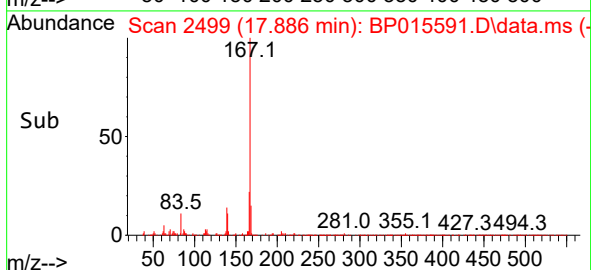
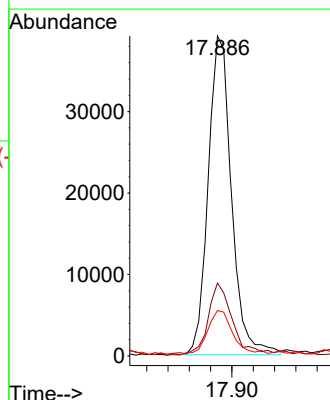
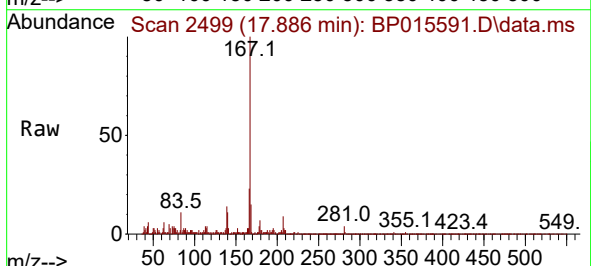
Tgt Ion:167 Resp: 59350

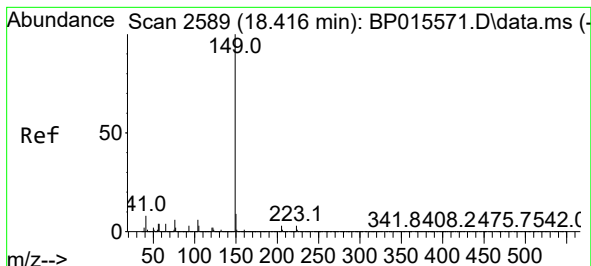
Ion Ratio Lower Upper

167 100

166 22.8 17.2 25.8

139 14.2 10.6 16.0





#78

Di-n-butylphthalate

Concen: 1.001 ng/ul

RT: 18.416 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

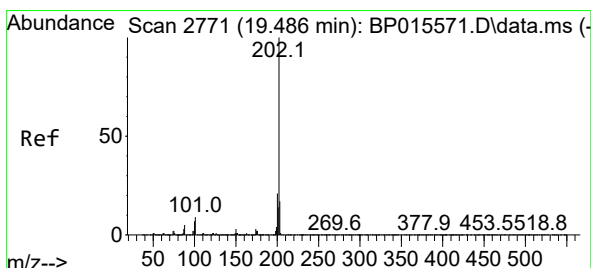
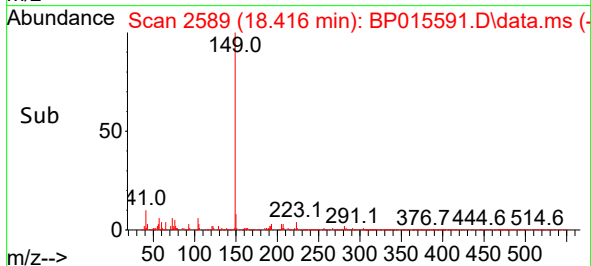
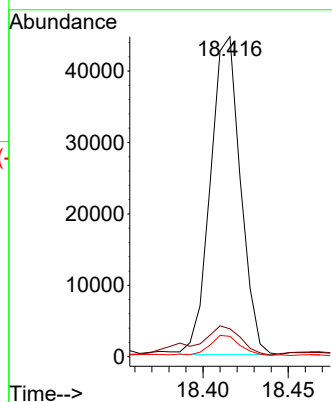
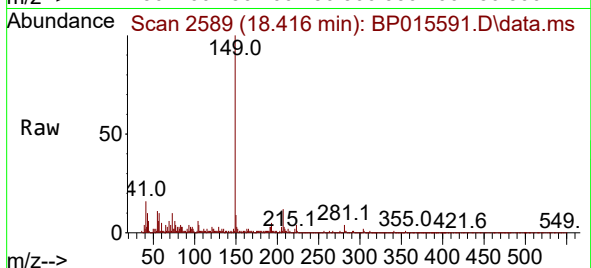
Tgt Ion:149 Resp: 54597

Ion Ratio Lower Upper

149 100

150 8.7 7.1 10.7

104 6.4 4.5 6.7



#80

Fluoranthene

Concen: 24.340 ng/ul

RT: 19.480 min Scan# 2770

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

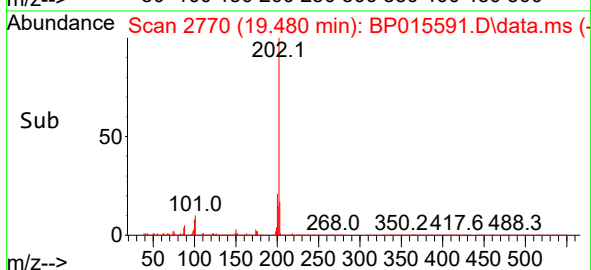
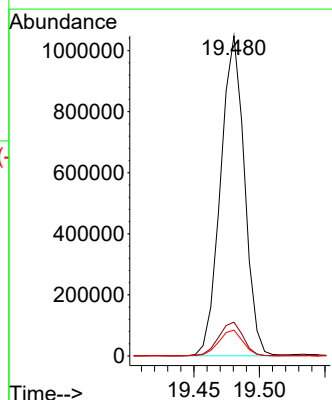
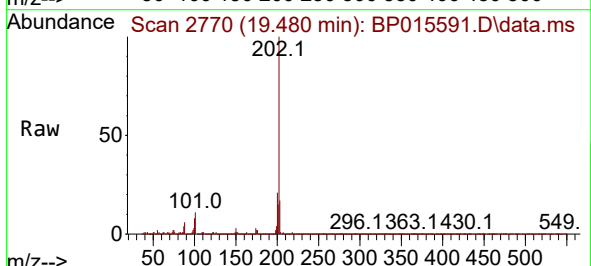
Tgt Ion:202 Resp: 1328562

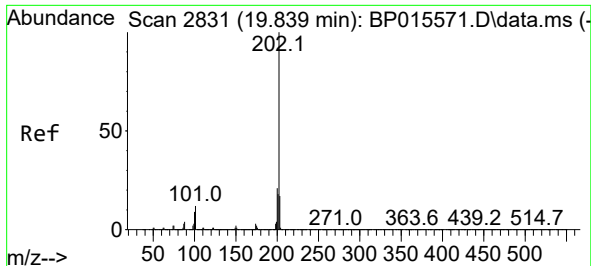
Ion Ratio Lower Upper

202 100

101 10.6 8.6 13.0

100 8.1 6.6 9.8

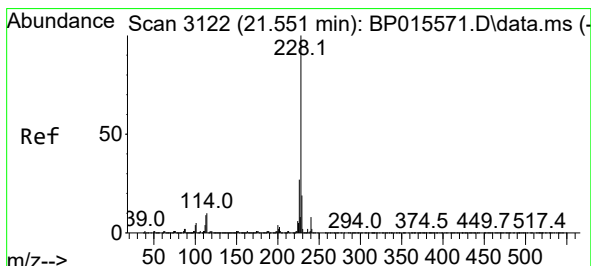
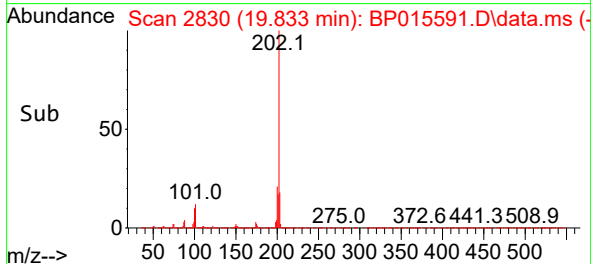
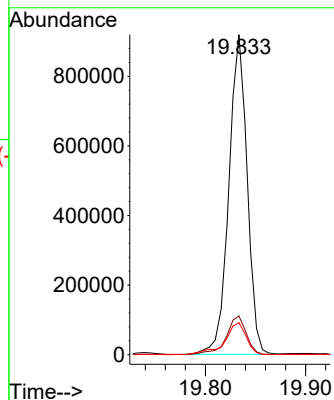
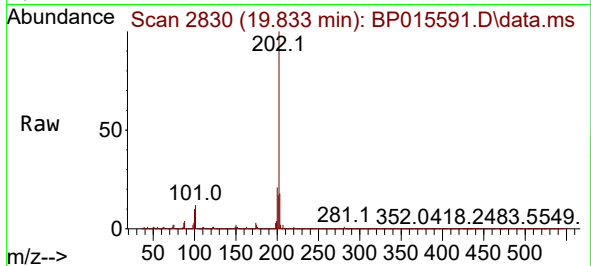




#82
Pyrene
Concen: 20.698 ng/ul
RT: 19.833 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

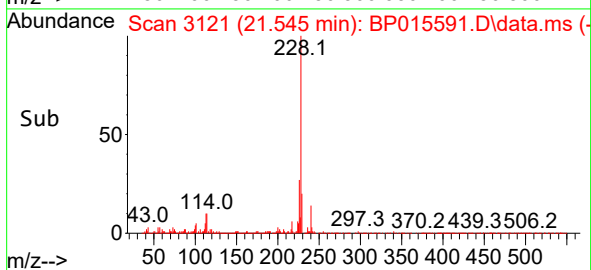
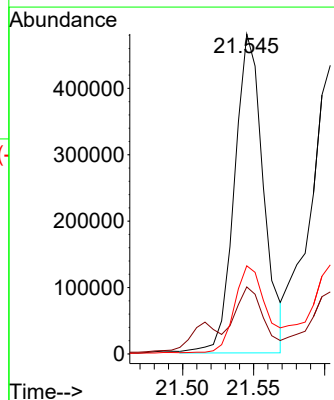
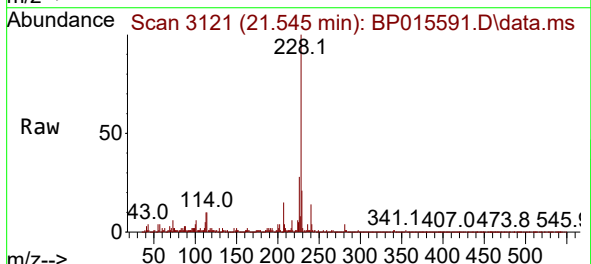
Instrument :
BNA_P
ClientSampleId :
DCFH2

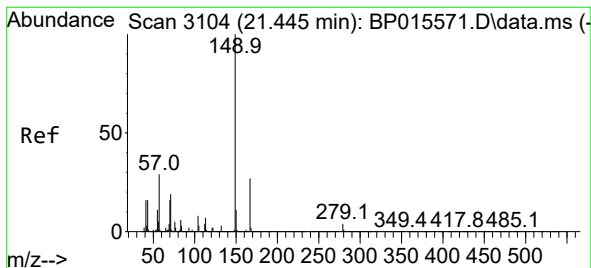
Tgt Ion:202 Resp: 1168841
Ion Ratio Lower Upper
202 100
101 12.1 9.9 14.9
100 10.0 8.4 12.6



#85
Benzo(a)anthracene
Concen: 11.674 ng/ul
RT: 21.545 min Scan# 3121
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Tgt Ion:228 Resp: 683255
Ion Ratio Lower Upper
228 100
229 20.9 15.8 23.6
226 27.5 21.8 32.6

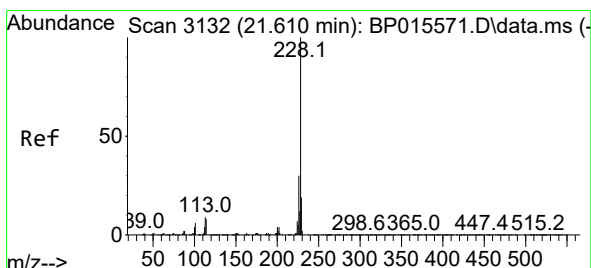
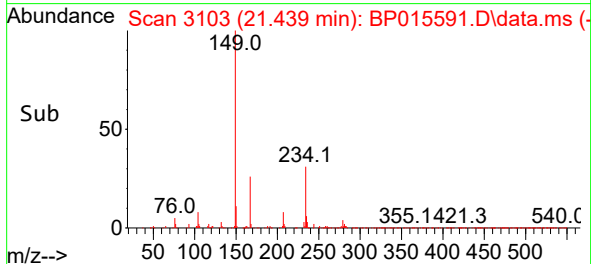
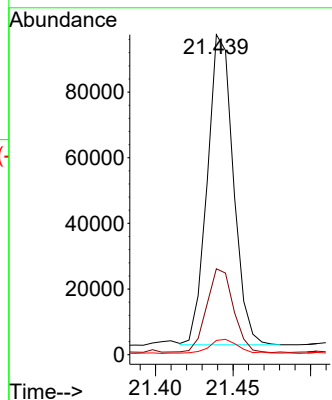
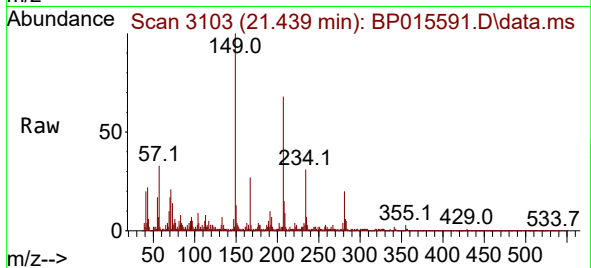




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.992 ng/ul
 RT: 21.439 min Scan# 3103
 Delta R.T. -0.006 min
 Lab File: BP015591.D
 Acq: 16 Jun 2023 21:26

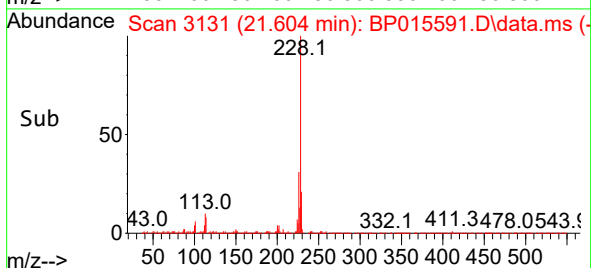
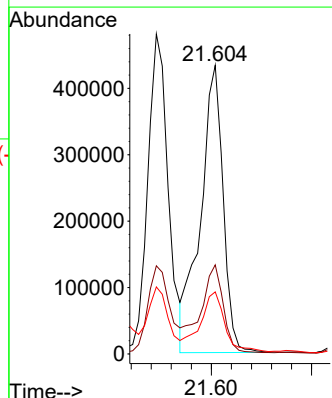
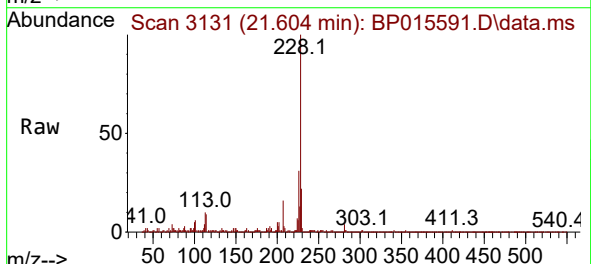
Instrument :
 BNA_P
 ClientSampleId :
 DCFH2

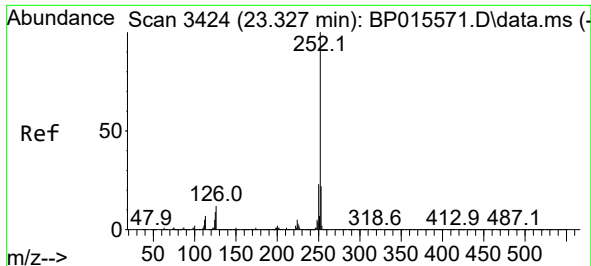
Tgt Ion:149 Resp: 110384
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.8 32.8
 279 4.4 3.7 5.5



#87
 Chrysene
 Concen: 12.314 ng/ul
 RT: 21.604 min Scan# 3131
 Delta R.T. -0.006 min
 Lab File: BP015591.D
 Acq: 16 Jun 2023 21:26

Tgt Ion:228 Resp: 681284
 Ion Ratio Lower Upper
 228 100
 226 30.9 23.9 35.9
 229 21.5 15.1 22.7

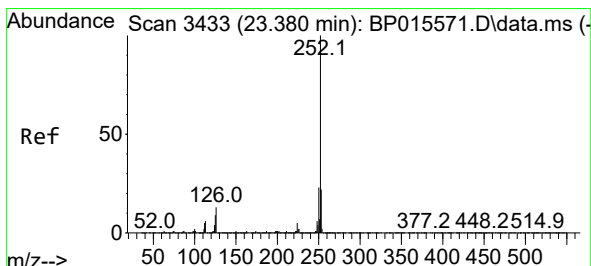
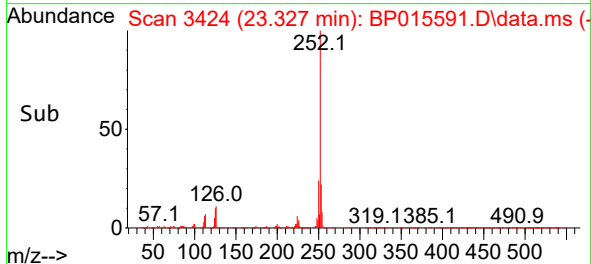
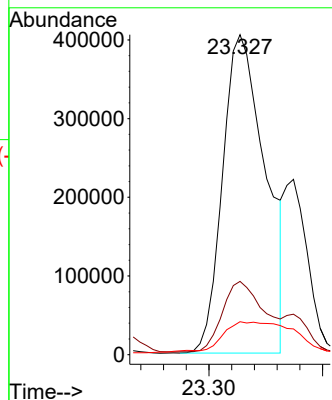
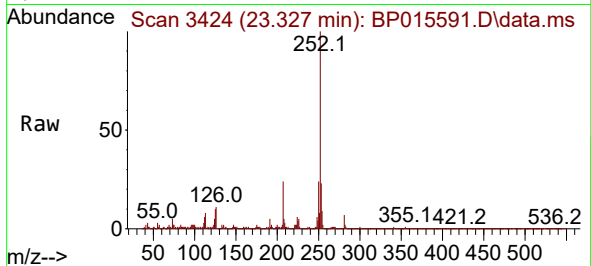




#90
Benzo(b)fluoranthene
Concen: 17.717 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. 0.000 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

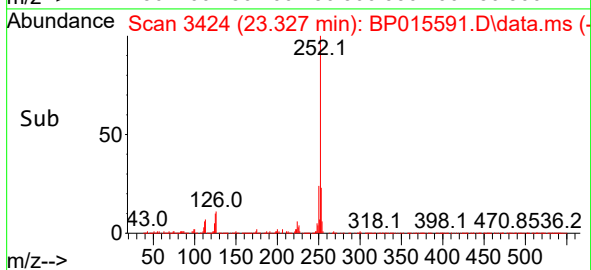
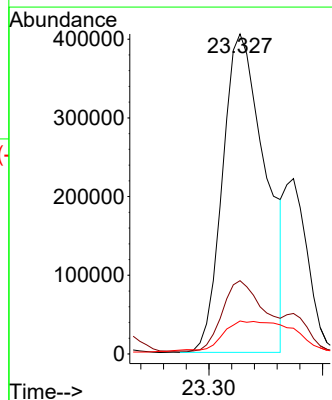
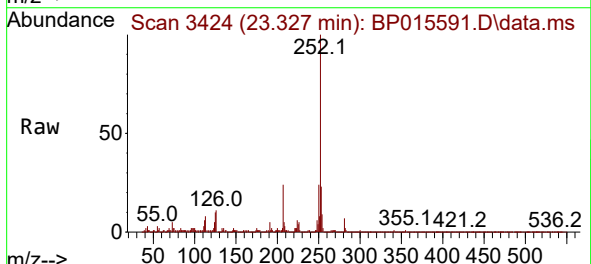
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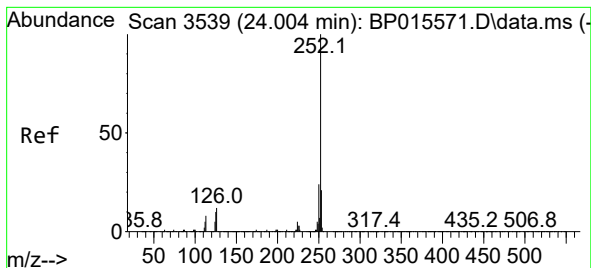
Tgt Ion:252 Resp: 1057983
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.3 7.3 10.9



#91
Benzo(k)fluoranthene
Concen: 18.328 ng/ul
RT: 23.327 min Scan# 3424
Delta R.T. -0.053 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Tgt Ion:252 Resp: 1057983
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 10.3 7.3 10.9





#93

Benzo(a)pyrene

Concen: 12.362 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

Instrument :

BNA_P

ClientSampleId :

DCFH2

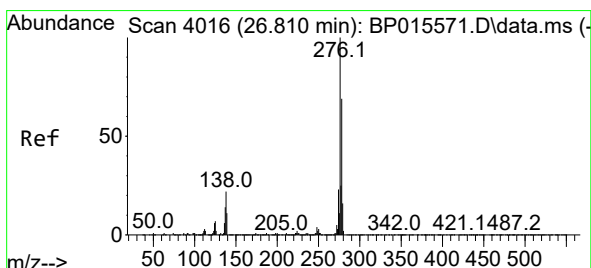
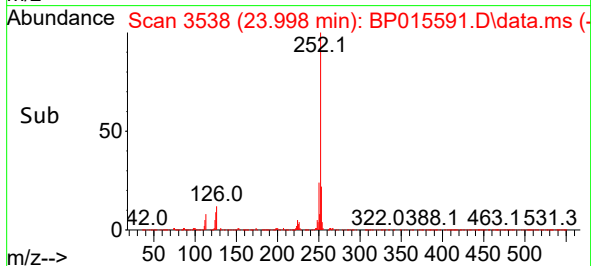
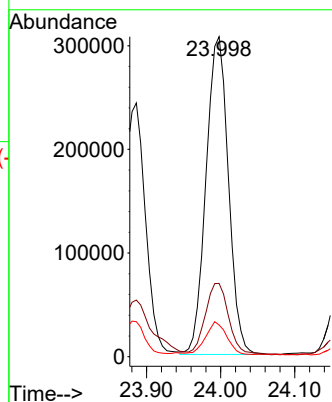
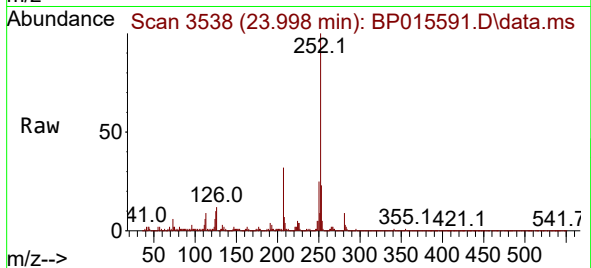
Tgt Ion:252 Resp: 643588

Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.6

125 9.9 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.892 ng/ul

RT: 26.798 min Scan# 4014

Delta R.T. -0.012 min

Lab File: BP015591.D

Acq: 16 Jun 2023 21:26

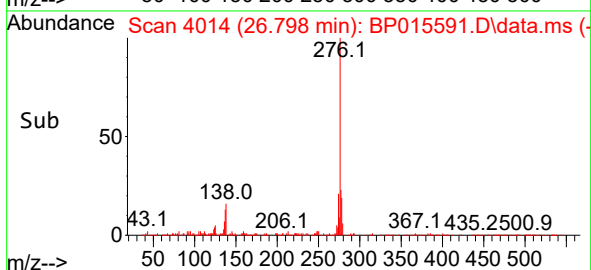
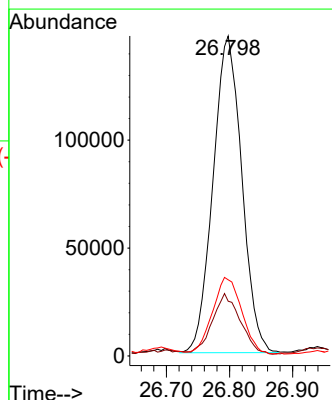
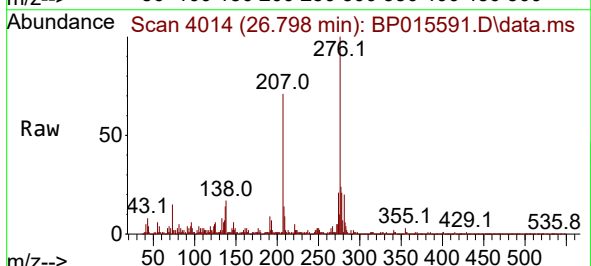
Tgt Ion:276 Resp: 464376

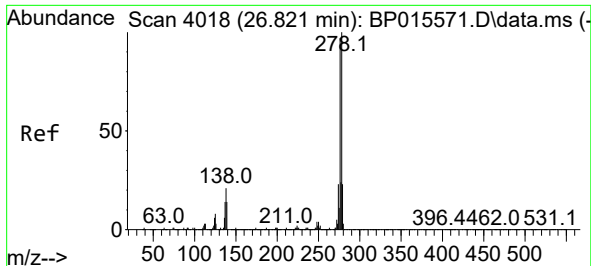
Ion Ratio Lower Upper

276 100

138 17.1 17.3 25.9#

277 23.8 20.2 30.2

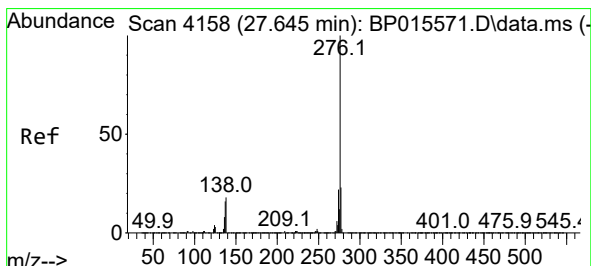
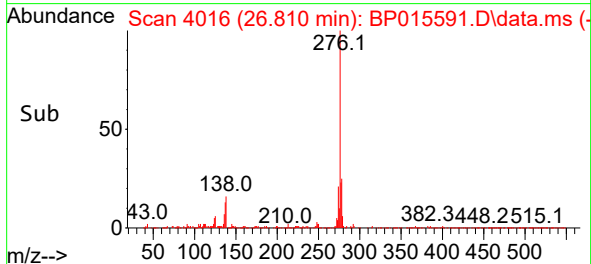
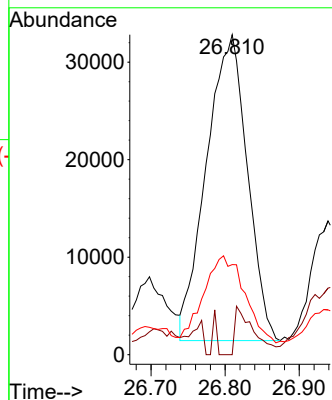
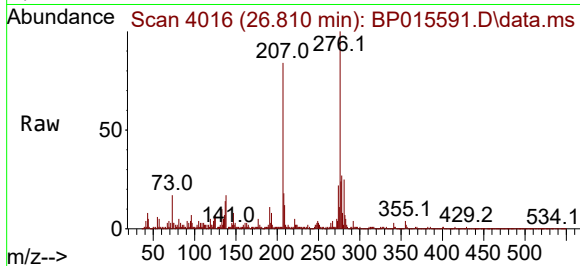




#95
Dibenzo(a,h)anthracene
Concen: 2.188 ng/ul
RT: 26.810 min Scan# 4018
Delta R.T. -0.018 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Instrument :
BNA_P
ClientSampleId :
DCFH2

Tgt Ion:278 Resp: 120102
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 28.2 18.7 28.1#



#96
Benzo(g,h,i)perylene
Concen: 7.668 ng/ul
RT: 27.633 min Scan# 4156
Delta R.T. -0.006 min
Lab File: BP015591.D
Acq: 16 Jun 2023 21:26

Tgt Ion:276 Resp: 425783
Ion Ratio Lower Upper
276 100
138 18.7 15.6 23.4
277 23.5 19.0 28.6

