

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015751.D
 Acq On : 27 Jun 2023 17:29
 Operator : MA/JU
 Sample : 03085-14
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFQ0

Quant Time: Jun 27 22:11:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

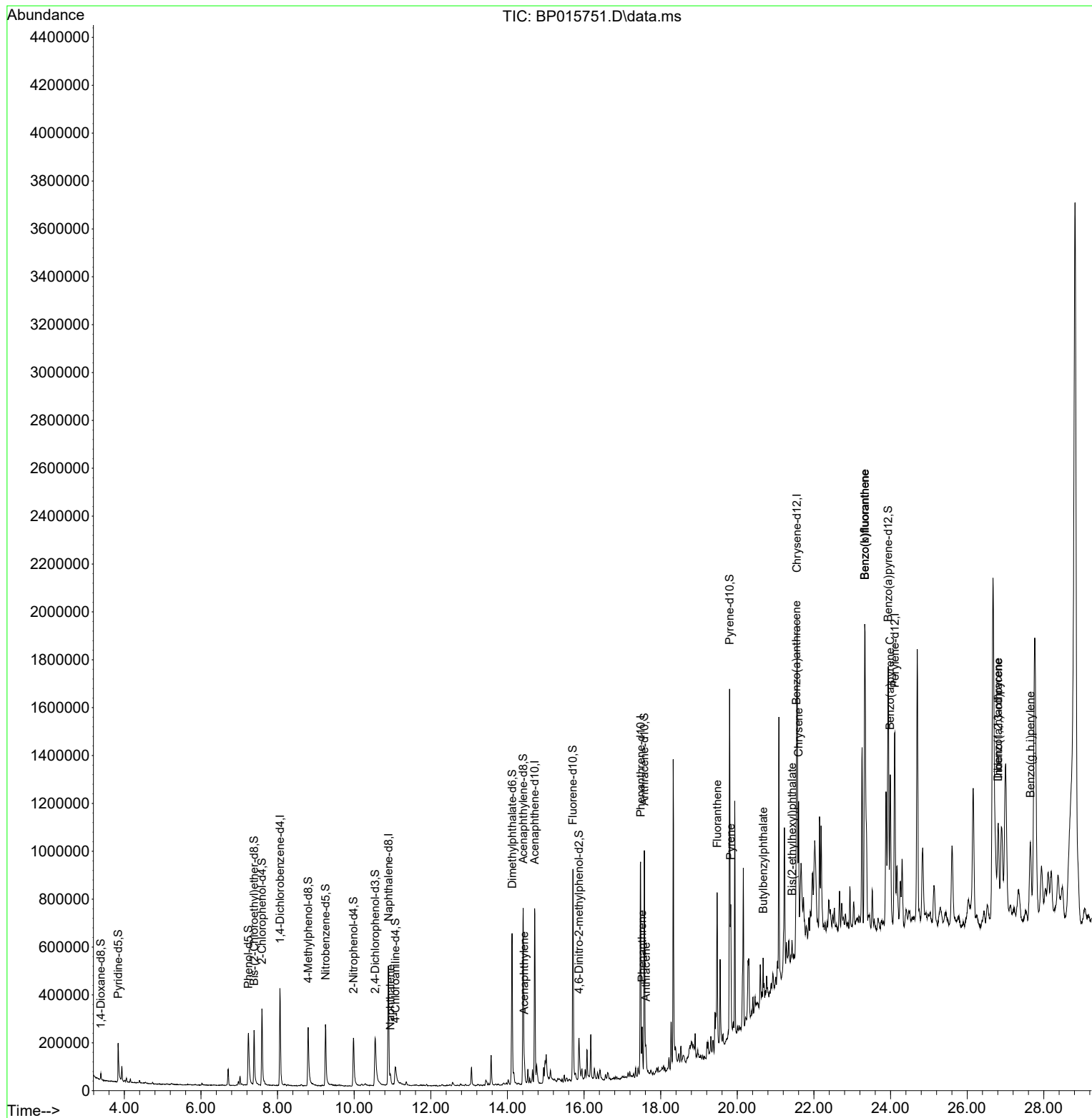
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	116756	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	428794	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	247670	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	547673	20.000	ng/ul	0.00
79) Chrysene-d12	21.557	240	560540	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	680134	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	11169	3.442	ng/uL	0.00
4) Pyridine-d5	3.840	84	90582	11.073	ng/ul	0.01
7) Phenol-d5	7.240	99	174670	17.485	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.387	67	119296	19.302	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	147323	19.536	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	121533	15.400	ng/ul	0.01
21) Nitrobenzene-d5	9.252	128	67510	20.601	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	75607	19.768	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	114669	16.825	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	70390	8.040	ng/ul	0.04
46) Dimethylphthalate-d6	14.122	166	427387	22.326	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	480557	22.331	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	122	0.048	ng/ul	-0.02
60) Fluorene-d10	15.710	176	361613	22.942	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.869	200	52104	15.470	ng/ul	0.01
73) Anthracene-d10	17.575	188	548242	21.915	ng/ul	0.00
81) Pyrene-d10	19.798	212	734133	20.057	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	801919	23.373	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.946	128	31598	1.356	ng/ul	97
50) Acenaphthylene	14.440	152	56797	2.395	ng/ul	99
72) Phenanthrene	17.516	178	110298	3.707	ng/ul	97
74) Anthracene	17.616	178	65240	2.182	ng/ul	96
80) Fluoranthene	19.475	202	324833	7.141	ng/ul	99
82) Pyrene	19.827	202	286478	6.174	ng/ul	97
83) Butylbenzylphthalate	20.674	149	48485	2.561	ng/ul	92
85) Benzo(a)anthracene	21.545	228	288743	7.323	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.427	149	26942	1.036	ng/ul#	96
87) Chrysene	21.598	228	385370	10.301	ng/ul	98
90) Benzo(b)fluoranthene	23.327	252	845983	19.358	ng/ul#	97
91) Benzo(k)fluoranthene	23.327	252	845983	19.160	ng/ul#	96
93) Benzo(a)pyrene	23.992	252	508047	13.305	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.809	276	455704	8.791	ng/ul	98
95) Dibenzo(a,h)anthracene	26.804	278	130379	3.062	ng/ul#	77
96) Benzo(g,h,i)perylene	27.651	276	441110	10.344	ng/ul	99

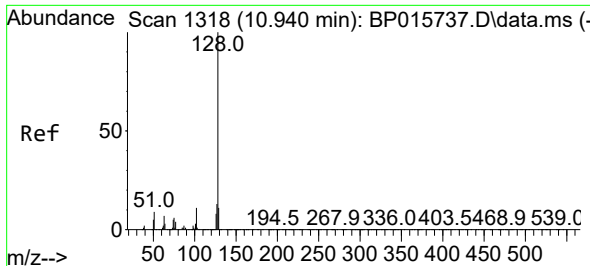
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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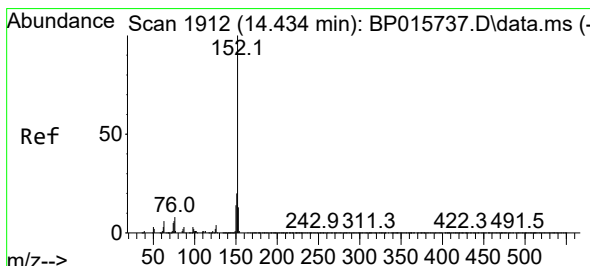
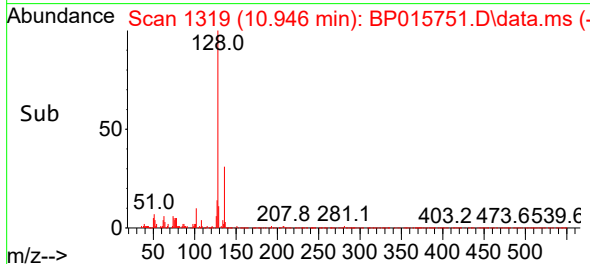
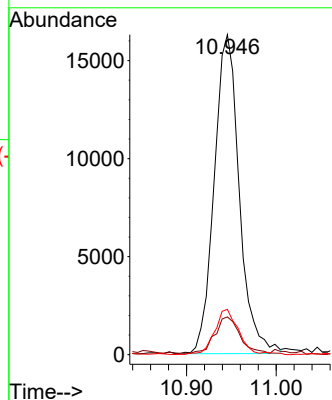
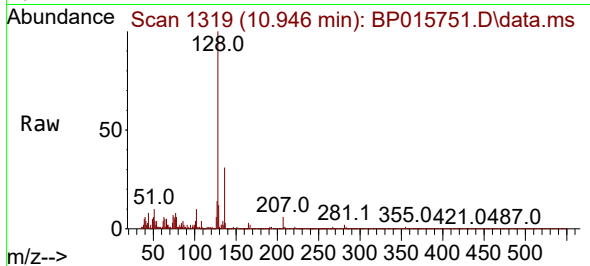




#30
Naphthalene
Concen: 1.356 ng/ul
RT: 10.946 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

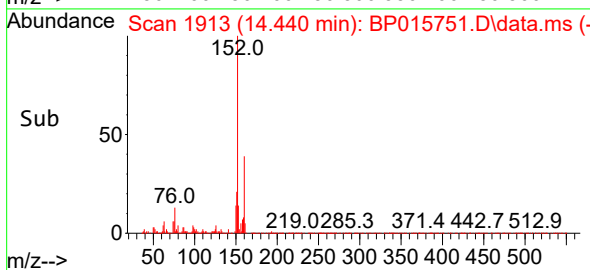
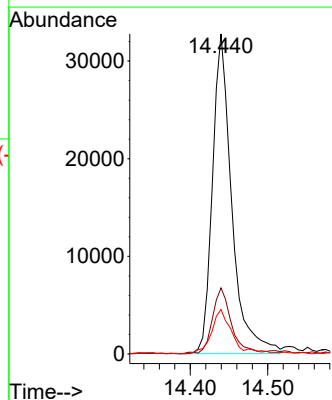
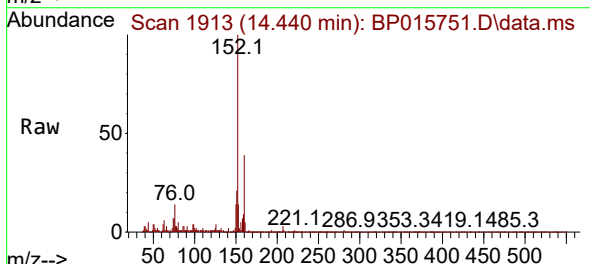
Instrument :
BNA_P
ClientSampleId :
DCFQ0

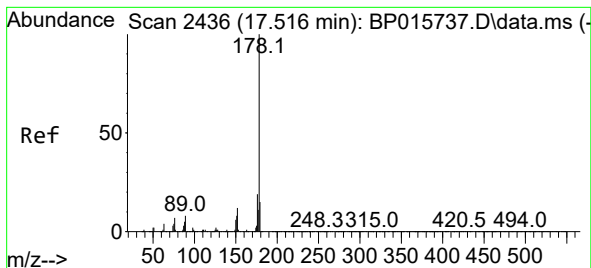
Tgt Ion:	128	Resp:	31598
Ion Ratio	Lower	Upper	
128	100		
129	11.8	8.6	12.8
127	14.2	10.3	15.5



#50
Acenaphthylene
Concen: 2.395 ng/ul
RT: 14.440 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:	152	Resp:	56797
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.2	24.2
153	13.9	10.5	15.7





#72

Phenanthrene

Concen: 3.707 ng/ul

RT: 17.516 min Scan# 2436

Delta R.T. 0.000 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

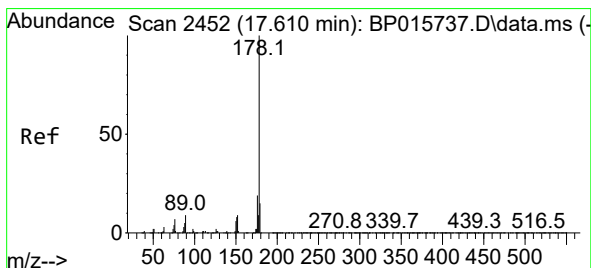
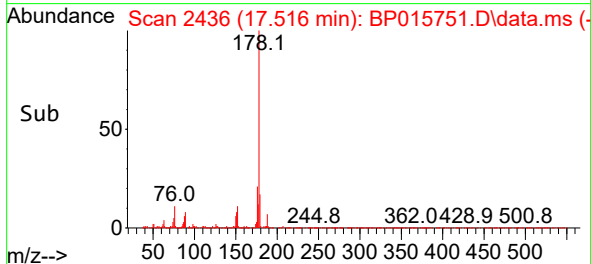
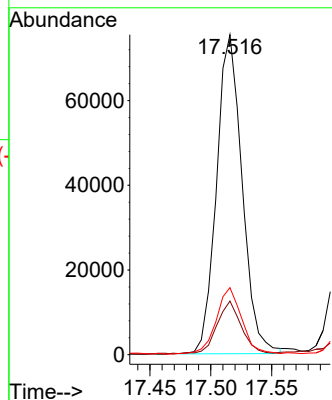
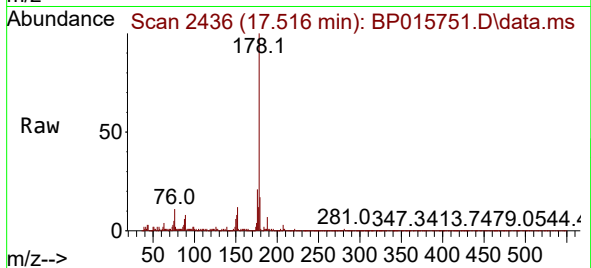
Tgt Ion:178 Resp: 110298

Ion Ratio Lower Upper

178 100

179 16.7 12.4 18.6

176 21.0 15.6 23.4



#74

Anthracene

Concen: 2.182 ng/ul

RT: 17.616 min Scan# 2453

Delta R.T. 0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

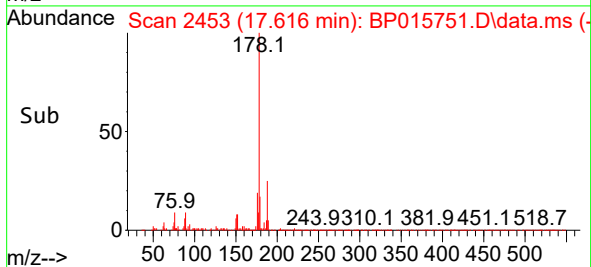
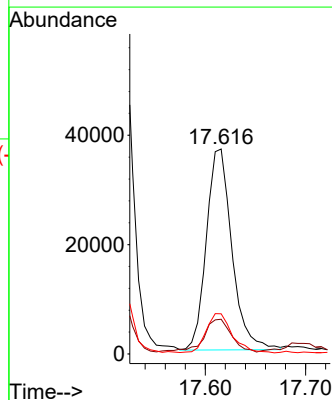
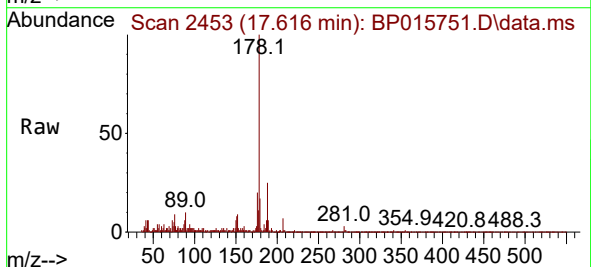
Tgt Ion:178 Resp: 65240

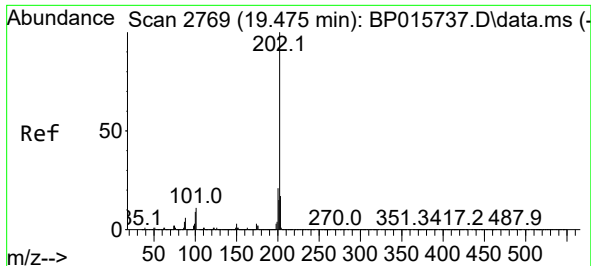
Ion Ratio Lower Upper

178 100

179 17.0 12.1 18.1

176 19.6 14.6 22.0

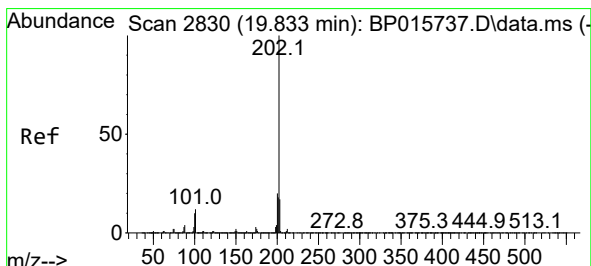
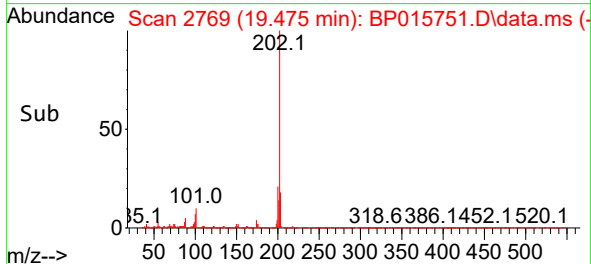
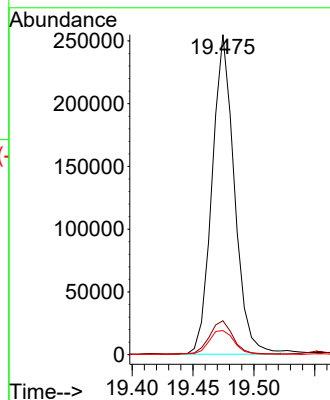
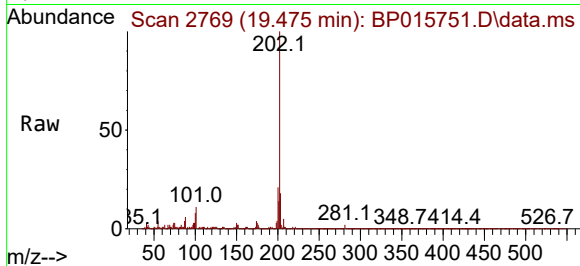




#80
Fluoranthene
Concen: 7.141 ng/ul
RT: 19.475 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

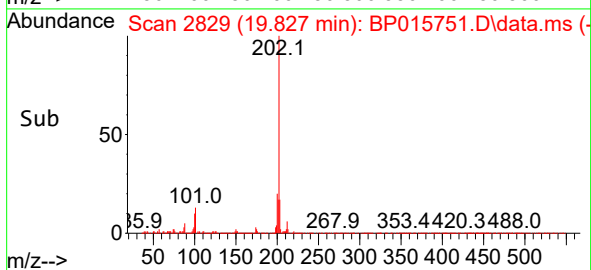
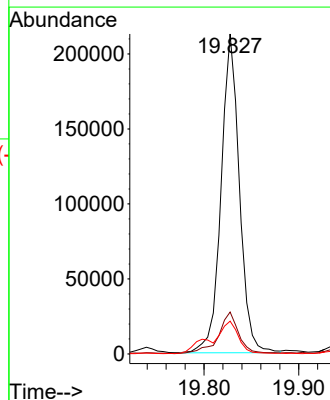
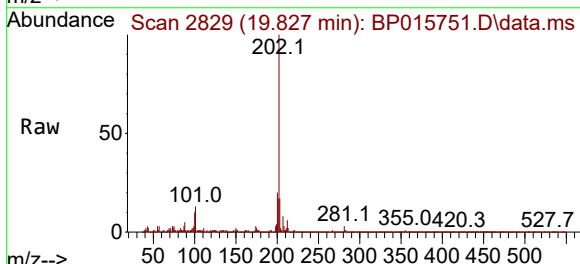
Instrument :
BNA_P
ClientSampleId :
DCFQ0

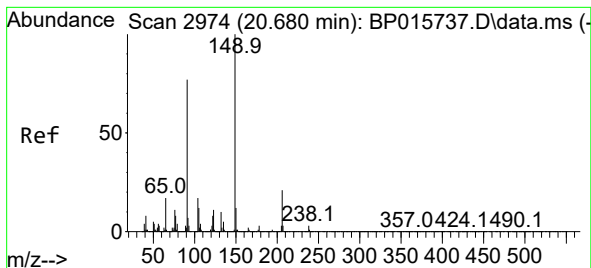
Tgt Ion:202 Resp: 324833
Ion Ratio Lower Upper
202 100
101 10.6 8.3 12.5
100 7.5 6.6 9.8



#82
Pyrene
Concen: 6.174 ng/ul
RT: 19.827 min Scan# 2829
Delta R.T. -0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:202 Resp: 286478
Ion Ratio Lower Upper
202 100
101 13.1 9.3 13.9
100 10.3 7.6 11.4





#83

Butylbenzylphthalate

Concen: 2.561 ng/ul

RT: 20.674 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

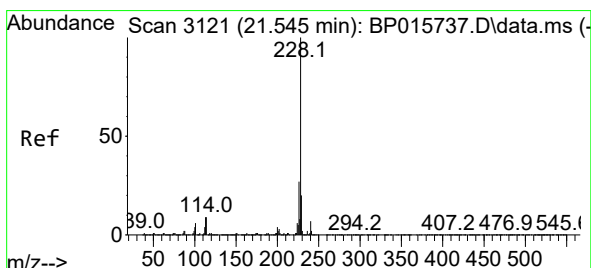
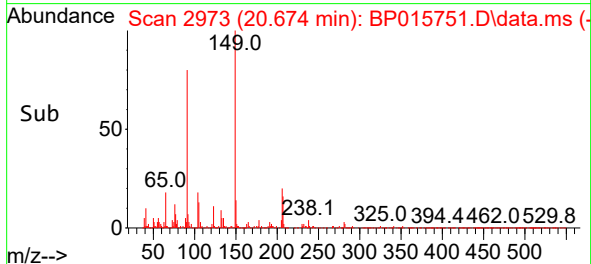
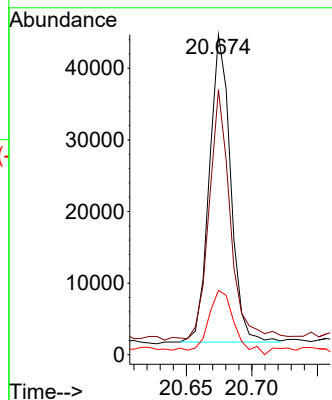
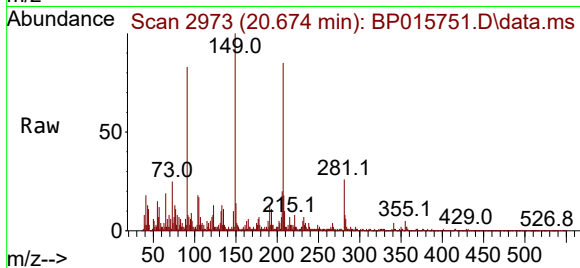
Tgt Ion:149 Resp: 48485

Ion Ratio Lower Upper

149 100

91 82.8 59.8 89.6

206 20.1 16.4 24.6



#85

Benzo(a)anthracene

Concen: 7.323 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

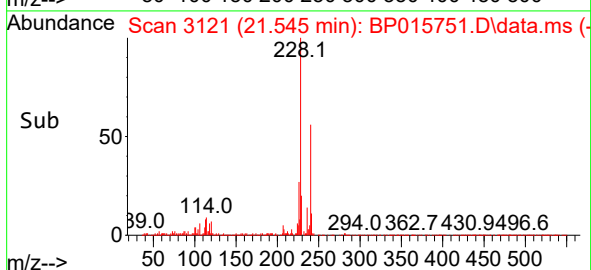
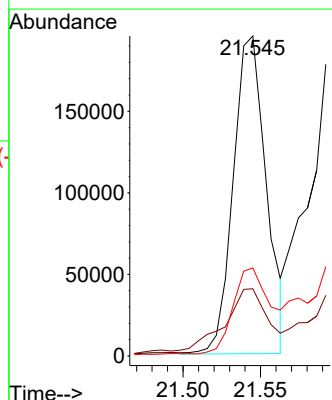
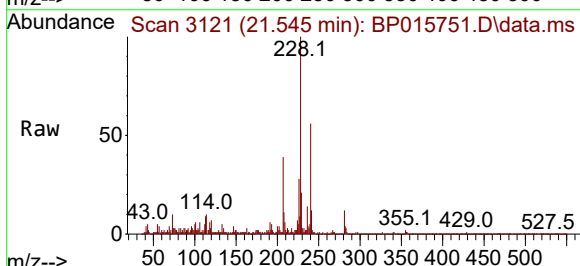
Tgt Ion:228 Resp: 288743

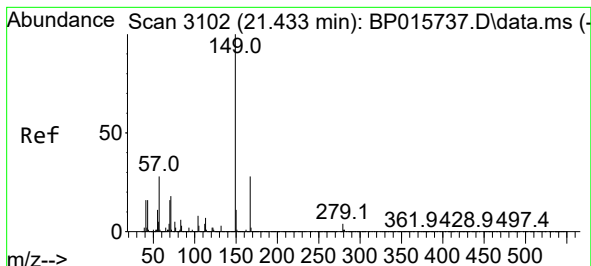
Ion Ratio Lower Upper

228 100

229 21.0 15.3 22.9

226 27.5 21.4 32.0

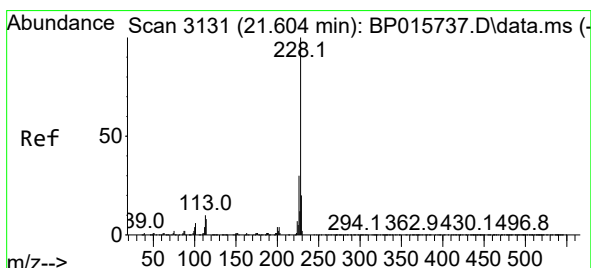
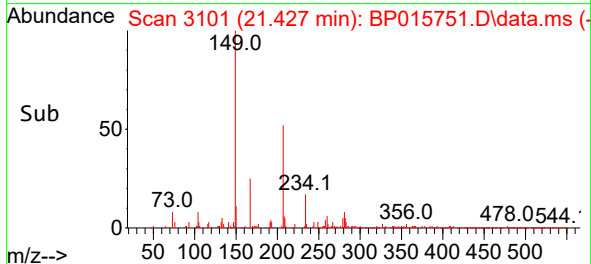
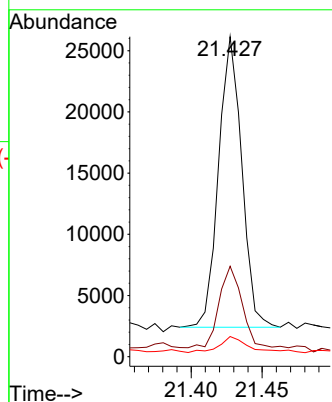
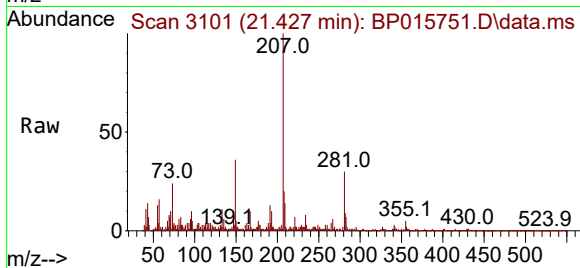




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.036 ng/ul
RT: 21.427 min Scan# 3102
Delta R.T. -0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

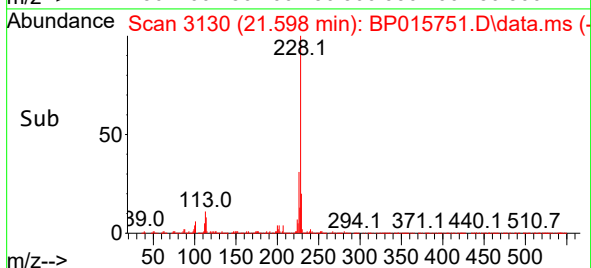
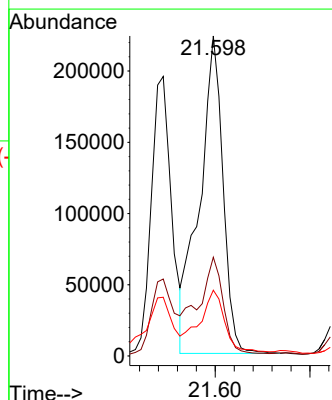
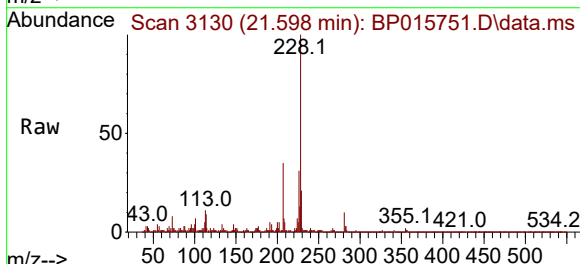
Instrument :
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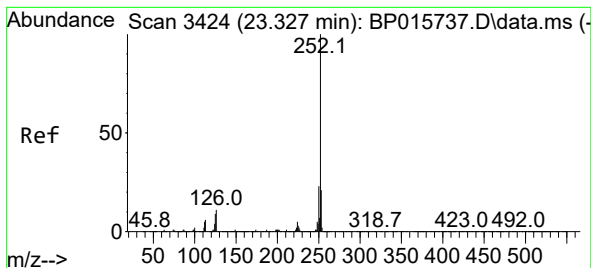
Tgt Ion:149 Resp: 26942
Ion Ratio Lower Upper
149 100
167 28.2 21.0 31.6
279 6.3 3.8 5.6#



#87
Chrysene
Concen: 10.301 ng/ul
RT: 21.598 min Scan# 3130
Delta R.T. -0.006 min
Lab File: BP015751.D
Acq: 27 Jun 2023 17:29

Tgt Ion:228 Resp: 385370
Ion Ratio Lower Upper
228 100
226 30.9 24.3 36.5
229 20.6 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 19.358 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

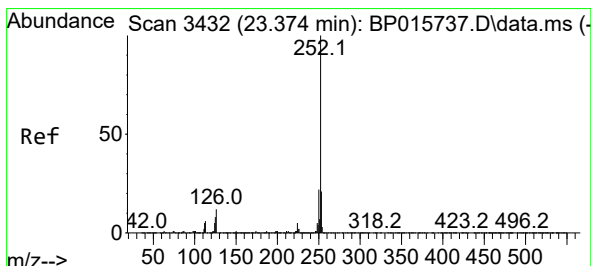
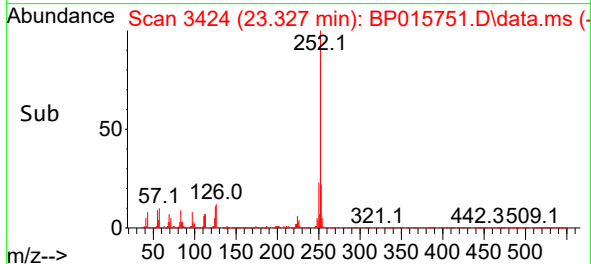
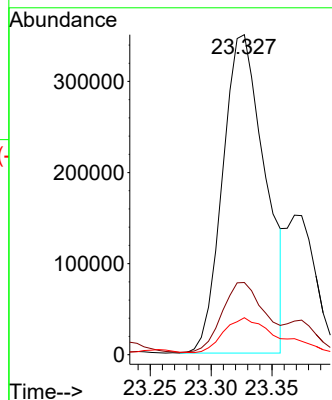
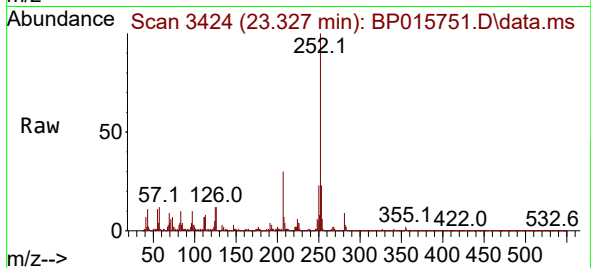
Tgt Ion:252 Resp: 845983

Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.6 7.5 11.3#



#91

Benzo(k)fluoranthene

Concen: 19.160 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. -0.053 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

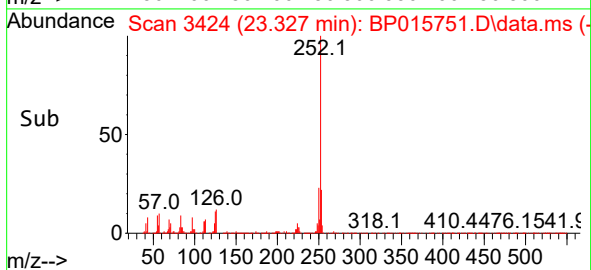
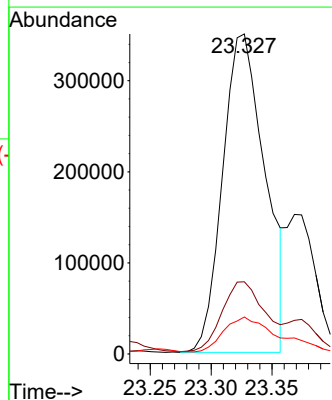
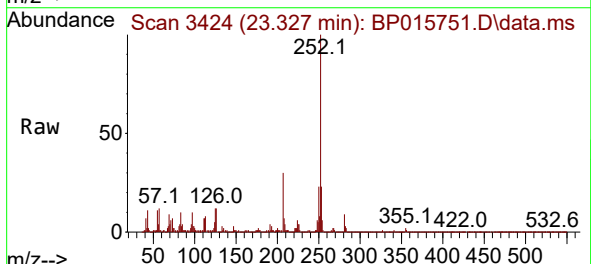
Tgt Ion:252 Resp: 845983

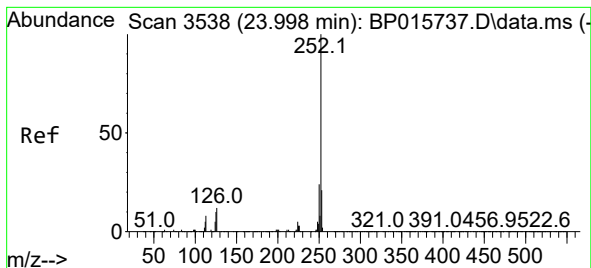
Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 11.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 13.305 ng/ul

RT: 23.992 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

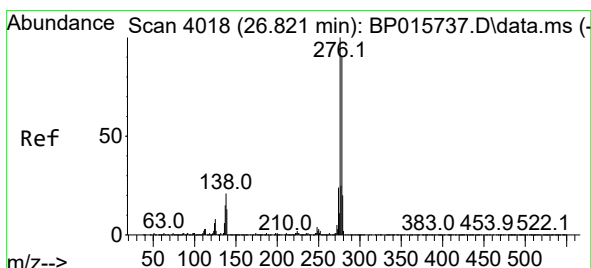
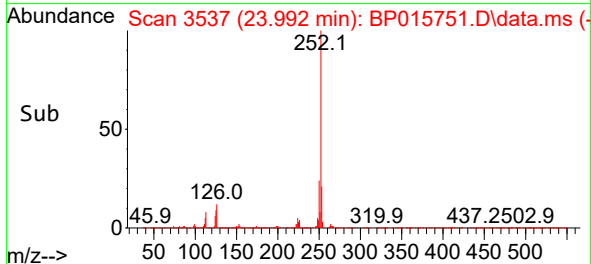
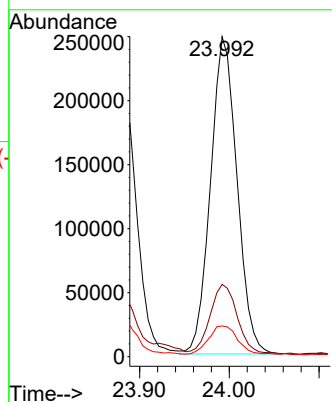
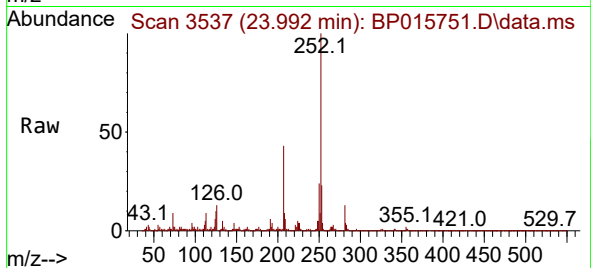
Tgt Ion:252 Resp: 508047

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

125 9.6 8.2 12.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 8.791 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

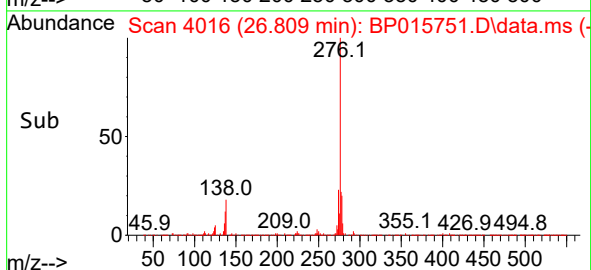
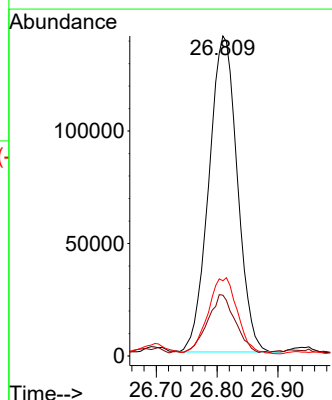
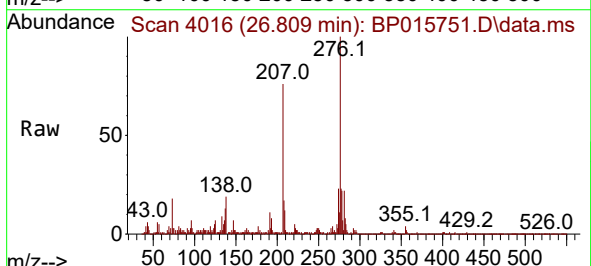
Tgt Ion:276 Resp: 455704

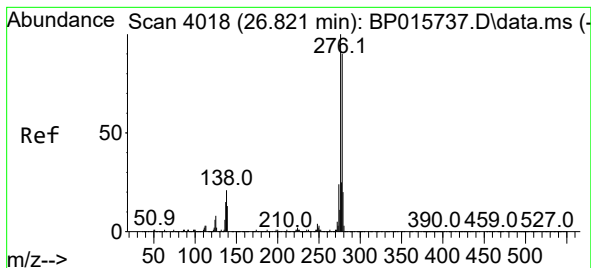
Ion Ratio Lower Upper

276 100

138 19.0 15.7 23.5

277 23.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 3.062 ng/ul

RT: 26.804 min Scan# 4018

Delta R.T. -0.023 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Instrument :

BNA_P

ClientSampleId :

DCFQ0

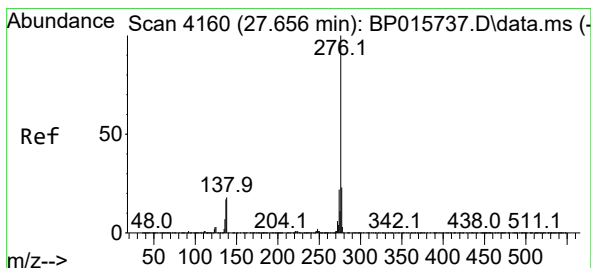
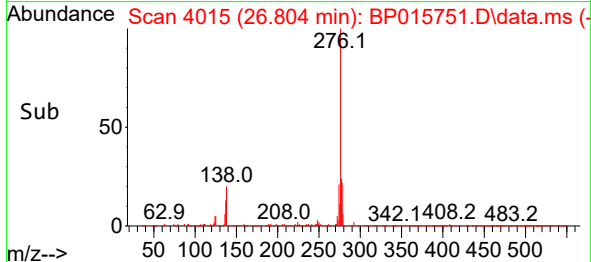
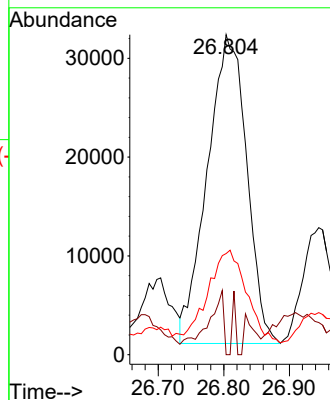
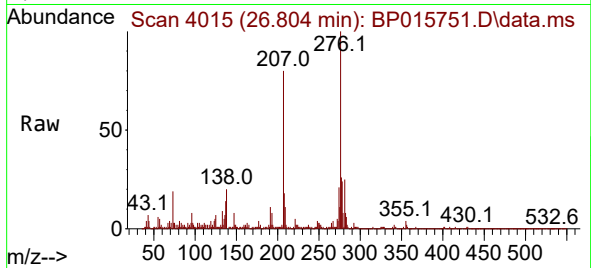
Tgt Ion:278 Resp: 130379

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 31.6 18.4 27.6#



#96

Benzo(g,h,i)perylene

Concen: 10.344 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015751.D

Acq: 27 Jun 2023 17:29

Tgt Ion:276 Resp: 441110

Ion Ratio Lower Upper

276 100

138 19.5 15.1 22.7

277 24.1 18.8 28.2

