

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015876.D
 Acq On : 01 Jul 2023 09:46
 Operator : MA/JU
 Sample : 03239-14
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFZ2

Quant Time: Jul 02 00:44:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

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

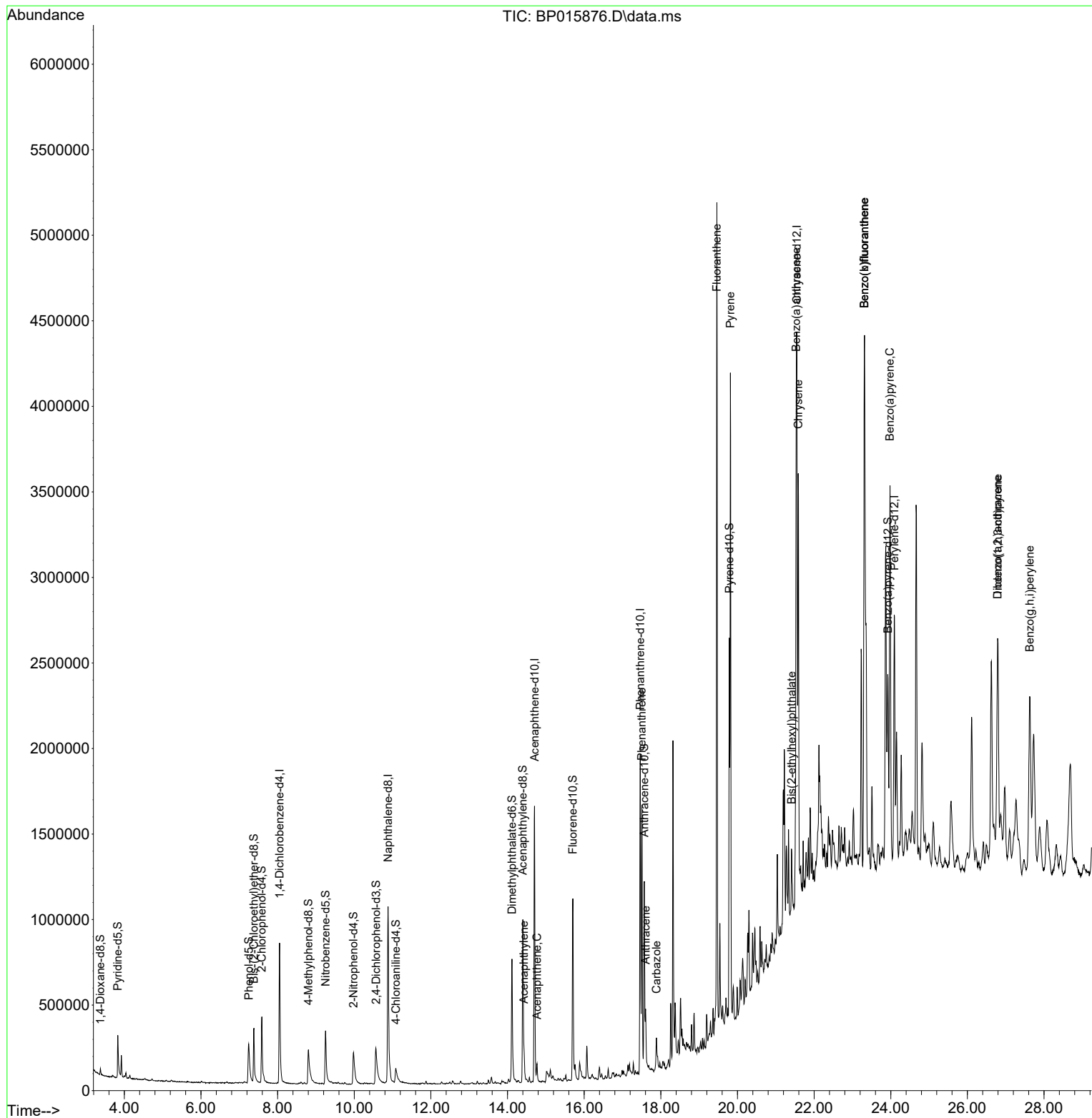
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	260843	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1042278	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	562211	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1129598	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	998659	20.000	ng/ul	#-0.01
88) Perylene-d12	24.092	264	1185616	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	15213	2.098	ng/uL	-0.01
4) Pyridine-d5	3.828	84	147618	8.077	ng/ul	0.00
7) Phenol-d5	7.246	99	243480	10.910	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	189494	13.724	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	210945	12.521	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	149361	8.471	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	95586	12.000	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	107335	11.546	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	155669	9.397	ng/ul	0.05
31) 4-Chloroaniline-d4	11.087	131	89987	4.228	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	583575	13.430	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	664349	13.600	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.916	143	129	0.022	ng/ul	-0.03
60) Fluorene-d10	15.704	176	481083	13.445	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	94	0.014	ng/ul	-0.02
73) Anthracene-d10	17.569	188	718199	13.919	ng/ul	0.00
81) Pyrene-d10	19.786	212	836644	12.830	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.927	264	829095	13.863	ng/ul	-0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.428	152	107338	1.994	ng/ul	99
52) Acenaphthene	14.769	153	39764	1.065	ng/ul	96
72) Phenanthrene	17.504	178	915799	14.924	ng/ul	99
74) Anthracene	17.604	178	230270	3.734	ng/ul	97
77) Carbazole	17.886	167	127662	2.456	ng/ul	99
80) Fluoranthene	19.463	202	2678143	33.046	ng/ul#	93
82) Pyrene	19.816	202	2229395	26.967	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	1401245	19.946	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	113530	2.449	ng/ul	95
87) Chrysene	21.586	228	1480999	22.220	ng/ul	98
90) Benzo(b)fluoranthene	23.310	252	2744010	36.020	ng/ul#	96
91) Benzo(k)fluoranthene	23.310	252	2744010	35.650	ng/ul#	95
93) Benzo(a)pyrene	23.980	252	1820644	27.351	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	1503887	16.642	ng/ul	96
95) Dibenzo(a,h)anthracene	26.786	278	407643	5.492	ng/ul#	79
96) Benzo(g,h,i)perylene	27.627	276	1431278	19.253	ng/ul#	93

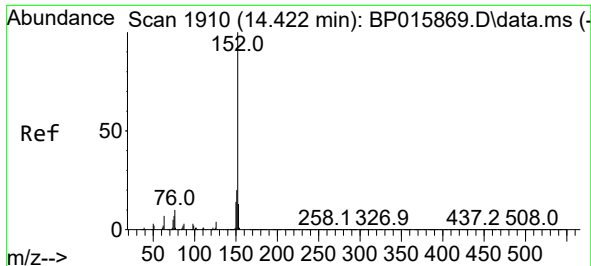
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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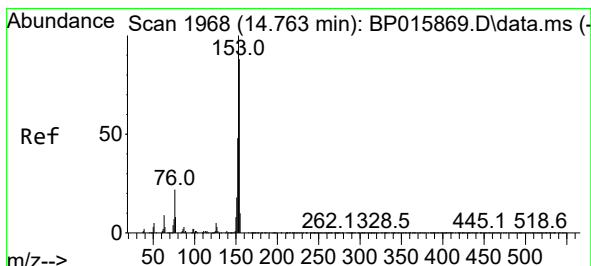
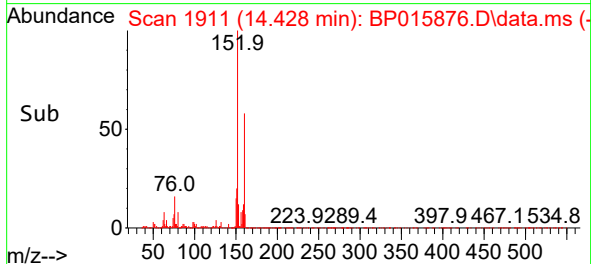
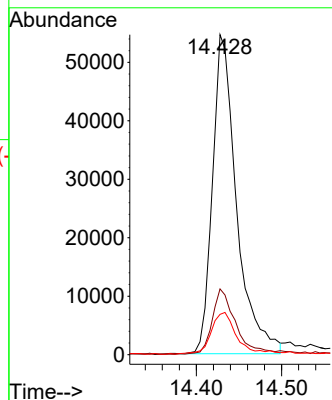
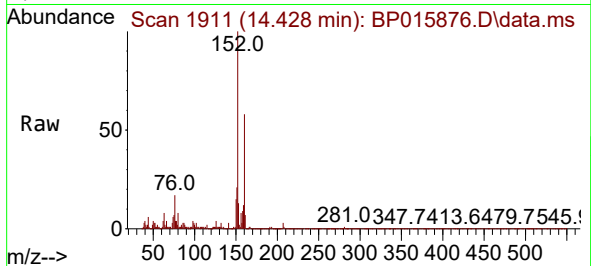




#50
Acenaphthylene
Concen: 1.994 ng/ul
RT: 14.428 min Scan# 1910
Delta R.T. -0.012 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

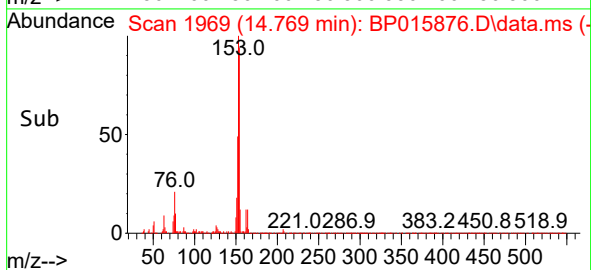
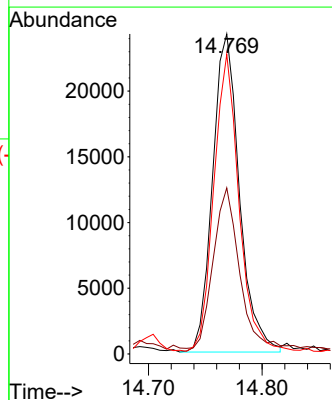
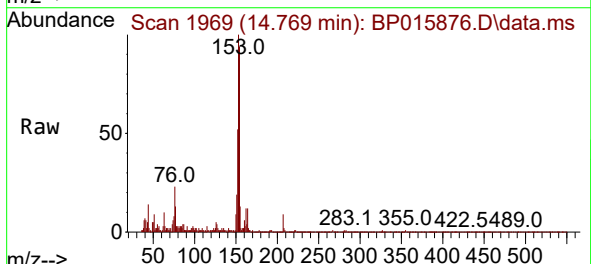
Instrument :
BNA_P
ClientSampleId :
DCFZ2

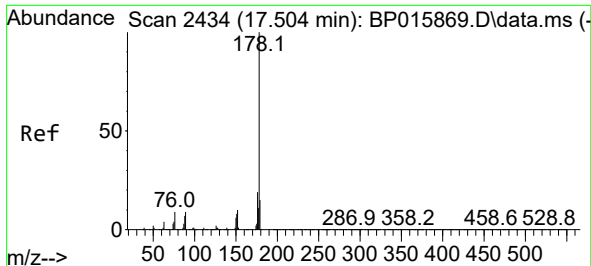
Tgt Ion:152 Resp: 107338
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 12.6 10.5 15.7



#52
Acenaphthene
Concen: 1.065 ng/ul
RT: 14.769 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:153 Resp: 39764
Ion Ratio Lower Upper
153 100
152 51.9 39.4 59.2
154 93.7 71.4 107.2

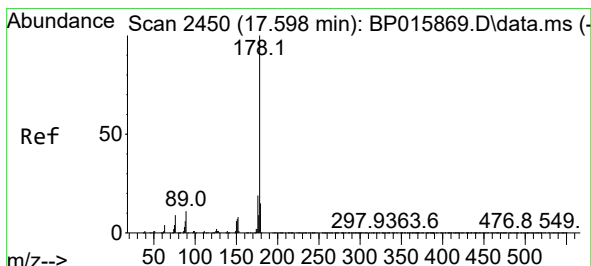
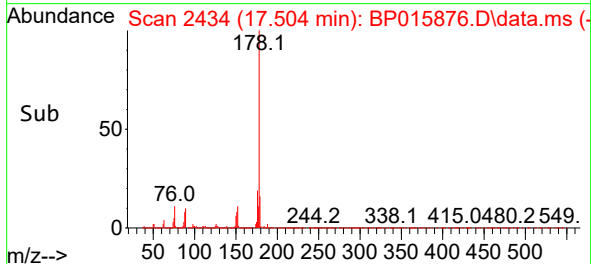
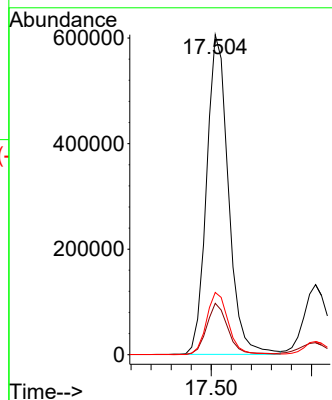
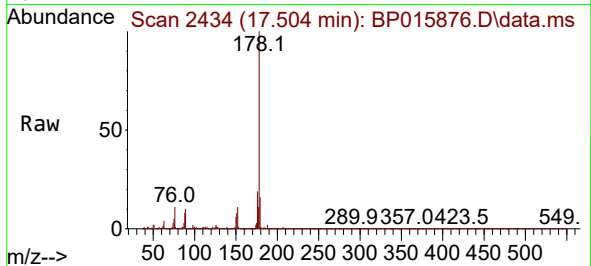




#72
Phenanthrene
Concen: 14.924 ng/ul
RT: 17.504 min Scan# 2434
Delta R.T. -0.012 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

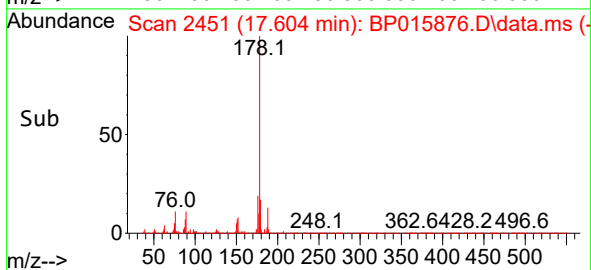
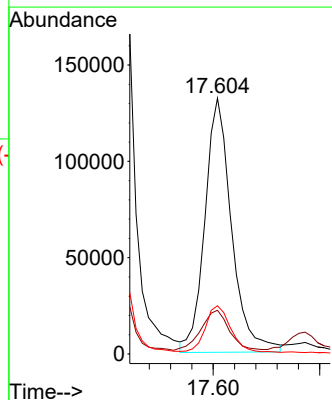
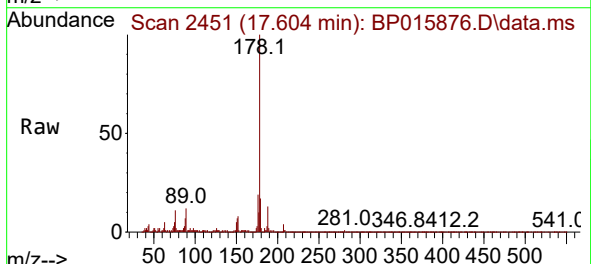
Instrument :
BNA_P
ClientSampleId :
DCFZ2

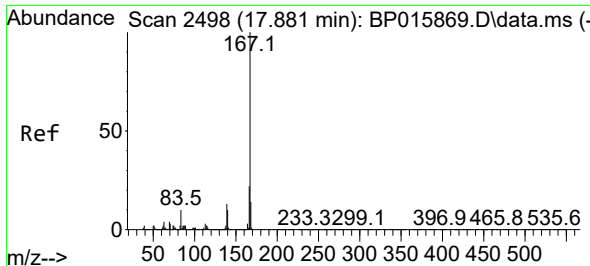
Tgt Ion:178 Resp: 915799
Ion Ratio Lower Upper
178 100
179 16.1 12.4 18.6
176 19.5 15.6 23.4



#74
Anthracene
Concen: 3.734 ng/ul
RT: 17.604 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:178 Resp: 230270
Ion Ratio Lower Upper
178 100
179 17.0 12.1 18.1
176 18.8 14.6 22.0

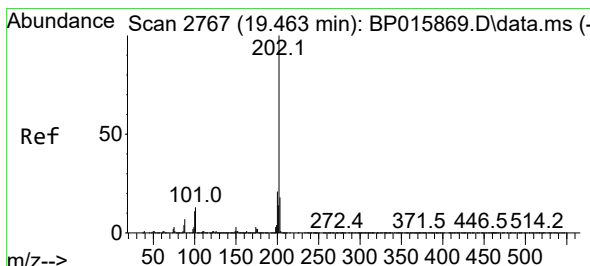
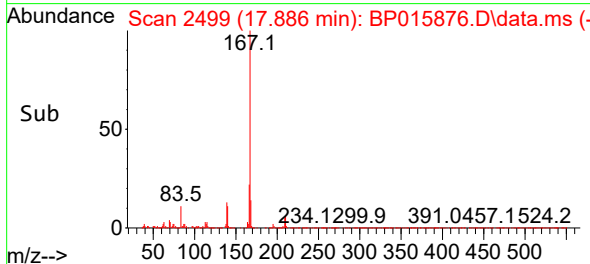
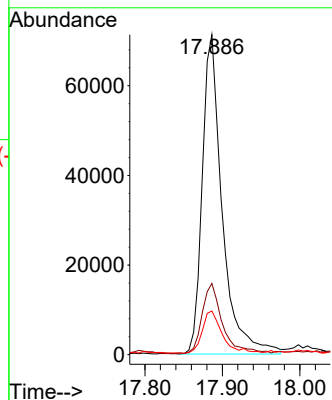
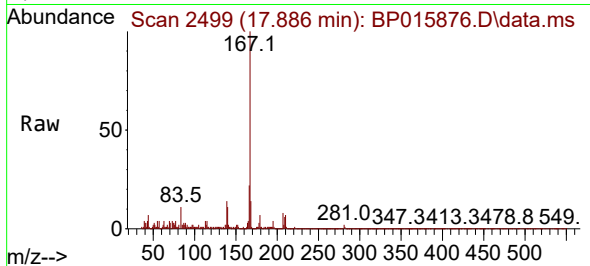




#77
Carbazole
Concen: 2.456 ng/ul
RT: 17.886 min Scan# 2498
Delta R.T. 0.000 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

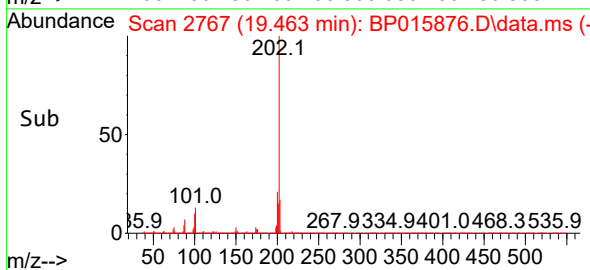
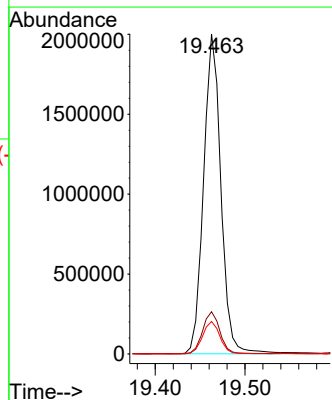
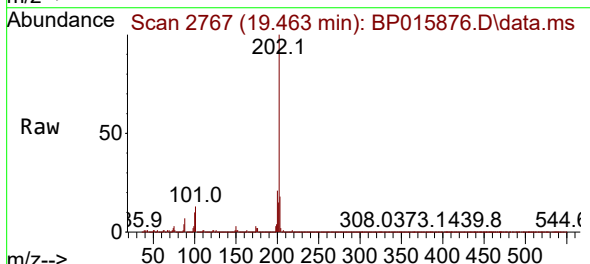
Instrument :
BNA_P
ClientSampleId :
DCFZ2

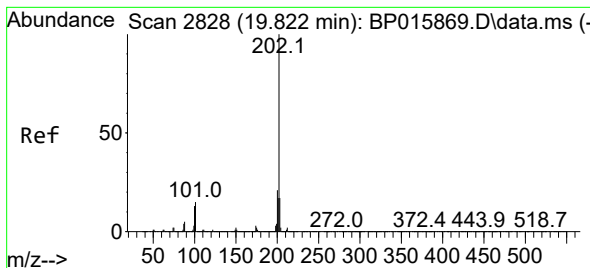
Tgt Ion:167 Resp: 127662
Ion Ratio Lower Upper
167 100
166 22.3 17.4 26.0
139 13.6 11.0 16.4



#80
Fluoranthene
Concen: 33.046 ng/ul
RT: 19.463 min Scan# 2767
Delta R.T. -0.012 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:202 Resp: 2678143
Ion Ratio Lower Upper
202 100
101 13.2 8.3 12.5#
100 10.2 6.6 9.8#





#82

Pyrene

Concen: 26.967 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

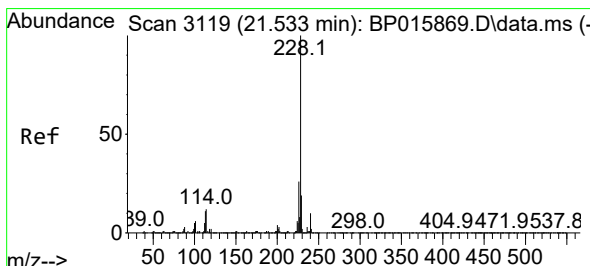
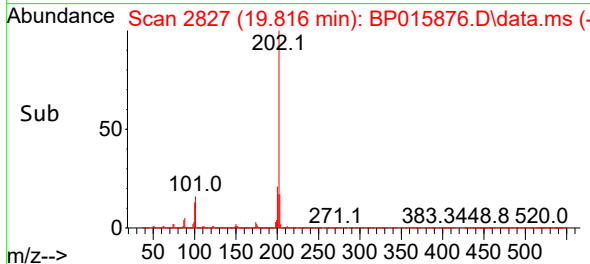
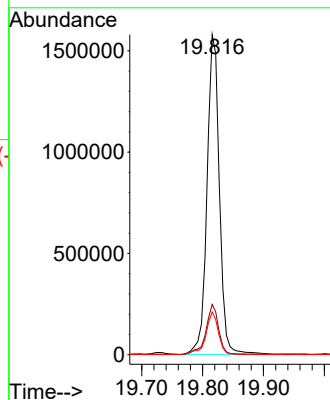
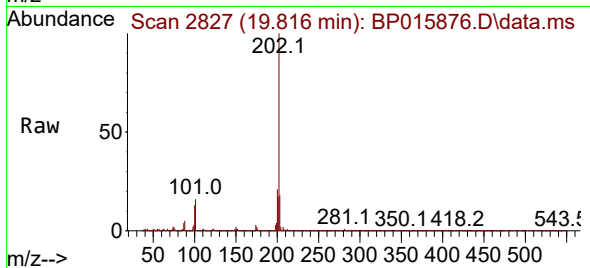
Tgt Ion:202 Resp: 2229395

Ion Ratio Lower Upper

202 100

101 15.7 9.3 13.9#

100 13.4 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 19.946 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. -0.012 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

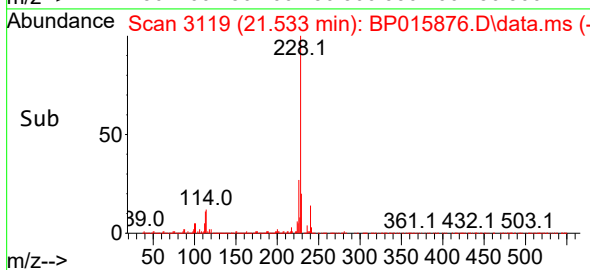
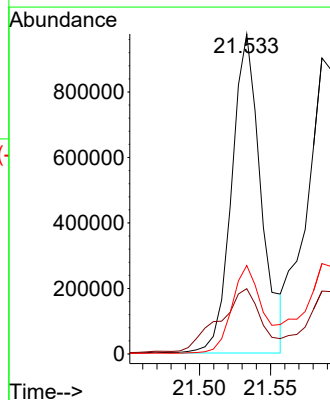
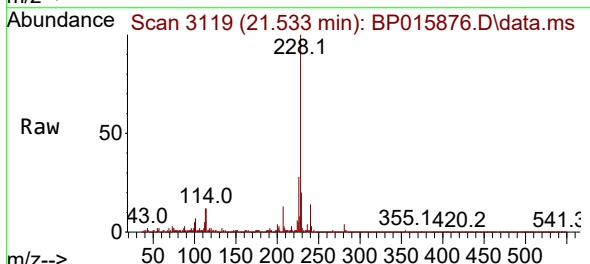
Tgt Ion:228 Resp: 1401245

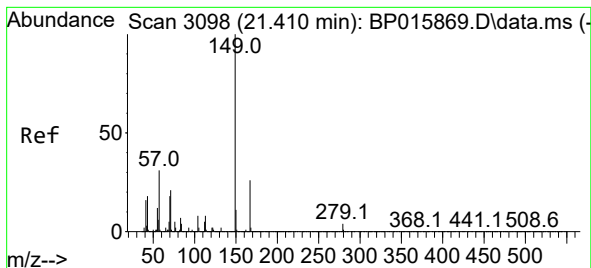
Ion Ratio Lower Upper

228 100

229 20.4 15.3 22.9

226 27.7 21.4 32.0

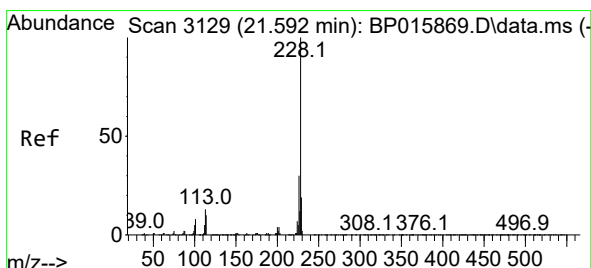
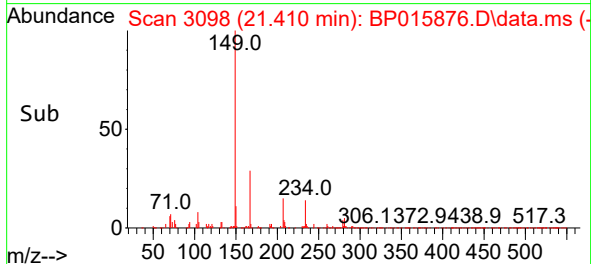
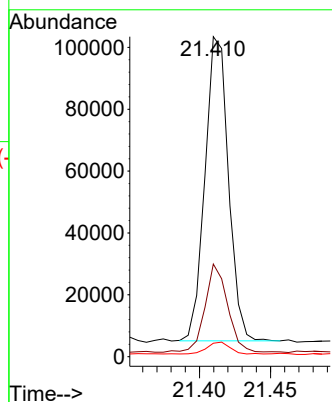
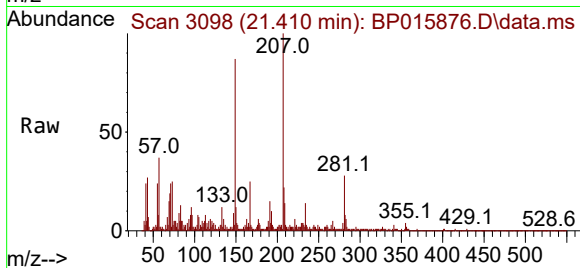




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.449 ng/ul
 RT: 21.410 min Scan# 3098
 Delta R.T. -0.024 min
 Lab File: BP015876.D
 Acq: 01 Jul 2023 09:46

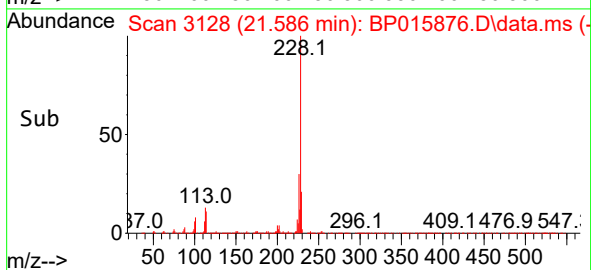
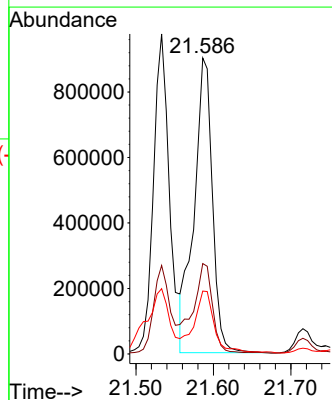
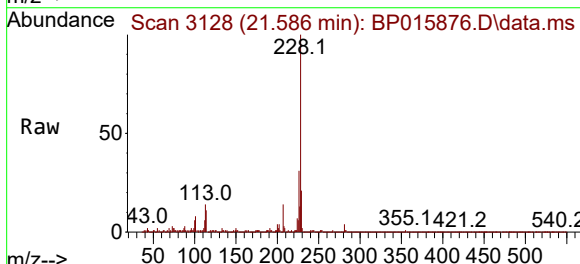
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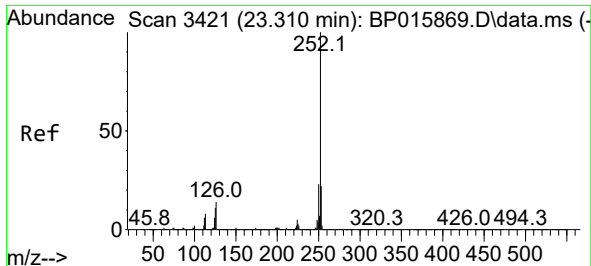
Tgt Ion:149 Resp: 113530
 Ion Ratio Lower Upper
 149 100
 167 28.9 21.0 31.6
 279 4.2 3.8 5.6



#87
 Chrysene
 Concen: 22.220 ng/ul
 RT: 21.586 min Scan# 3128
 Delta R.T. -0.018 min
 Lab File: BP015876.D
 Acq: 01 Jul 2023 09:46

Tgt Ion:228 Resp: 1480999
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.3 36.5
 229 21.2 15.5 23.3

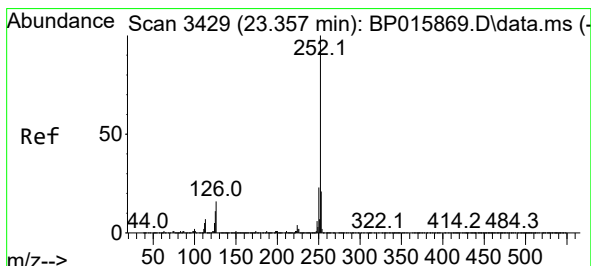
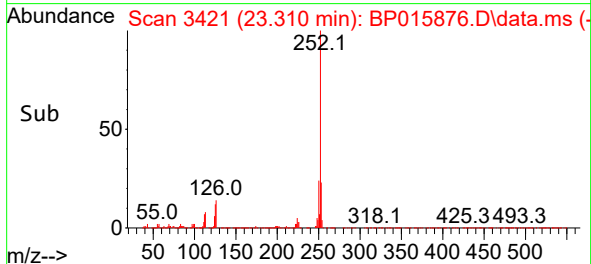
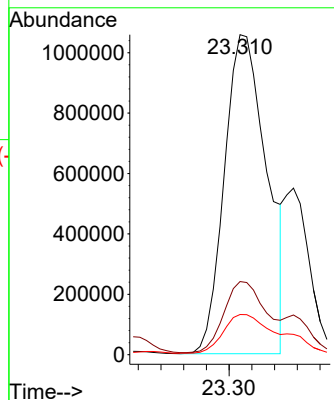
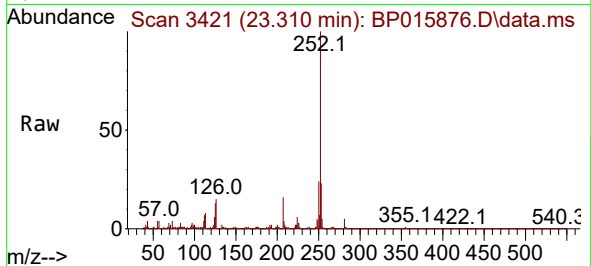




#90
Benzo(b)fluoranthene
Concen: 36.020 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.018 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

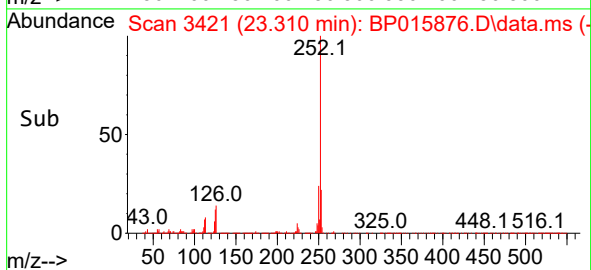
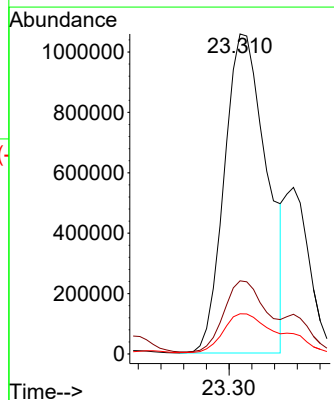
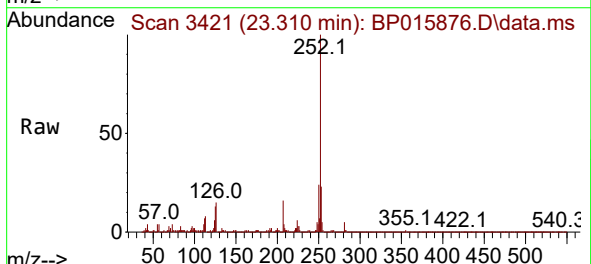
Instrument :
BNA_P
ClientSampleId :
DCFZ2

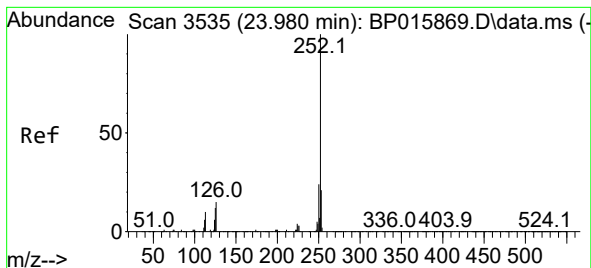
Tgt Ion:252 Resp: 2744010
Ion Ratio Lower Upper
252 100
253 22.9 17.3 25.9
125 12.6 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 35.650 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.071 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:252 Resp: 2744010
Ion Ratio Lower Upper
252 100
253 22.9 17.0 25.4
125 12.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 27.351 ng/ul

RT: 23.980 min Scan# 3

Delta R.T. -0.024 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

Instrument :

BNA_P

ClientSampleId :

DCFZ2

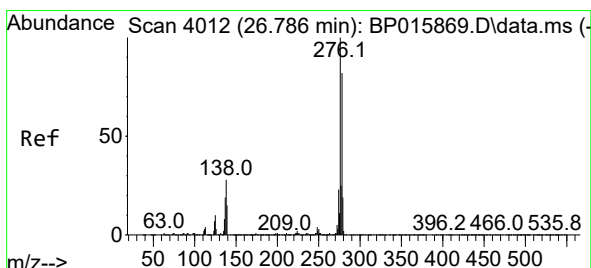
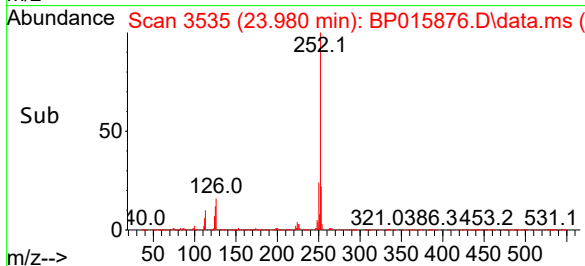
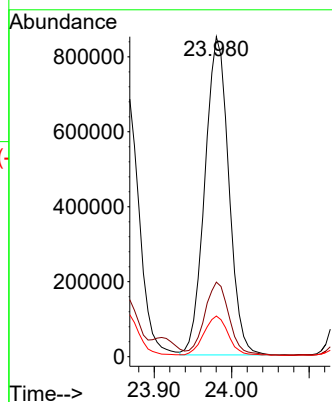
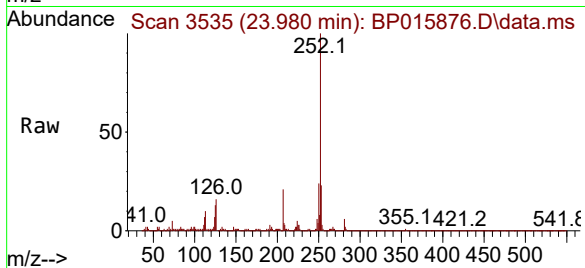
Tgt Ion:252 Resp: 1820644

Ion Ratio Lower Upper

252 100

253 23.3 17.7 26.5

125 12.7 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 16.642 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. -0.024 min

Lab File: BP015876.D

Acq: 01 Jul 2023 09:46

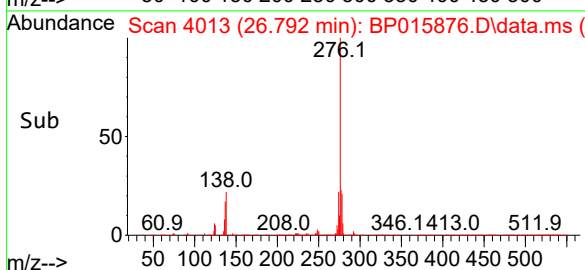
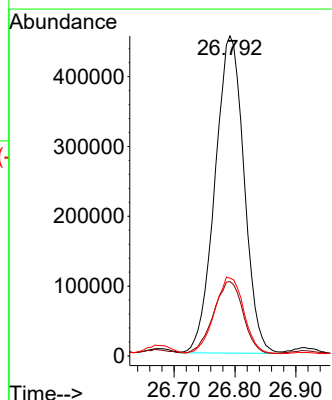
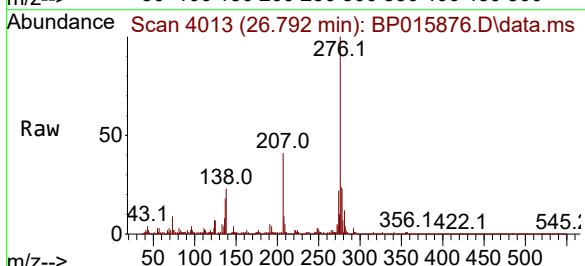
Tgt Ion:276 Resp: 1503887

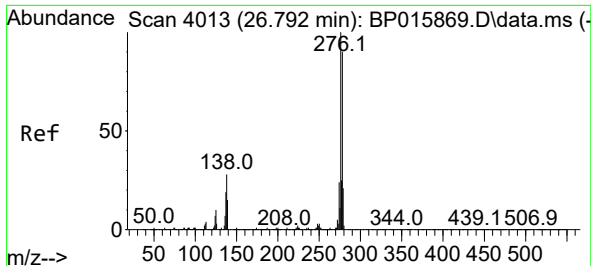
Ion Ratio Lower Upper

276 100

138 23.2 15.7 23.5

277 24.3 19.6 29.4

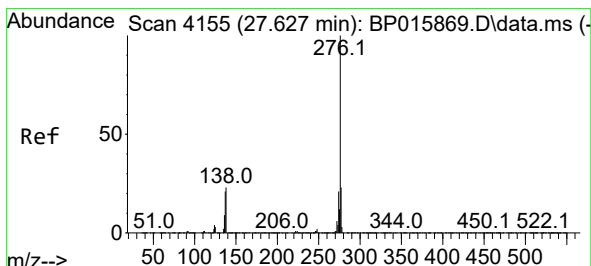
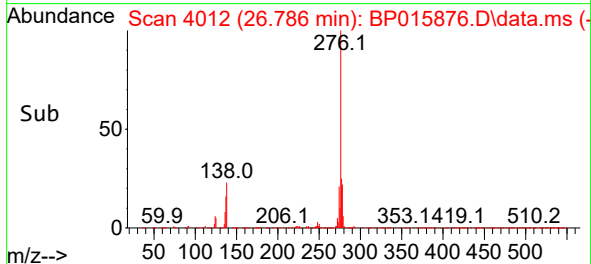
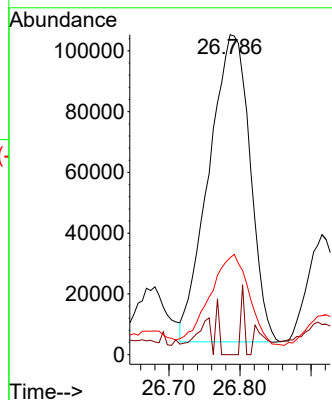
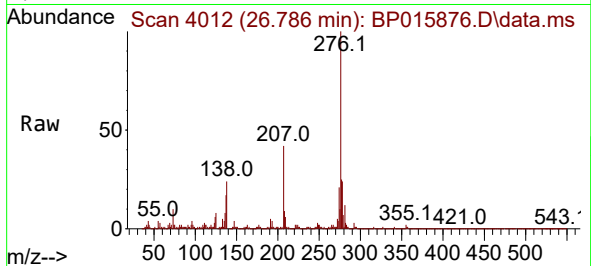




#95
Dibenzo(a,h)anthracene
Concen: 5.492 ng/ul
RT: 26.786 min Scan# 4012
Delta R.T. -0.041 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Instrument :
BNA_P
ClientSampleId :
DCFZ2

Tgt Ion:278 Resp: 407643
Ion Ratio Lower Upper
278 100
139 0.0 10.5 15.7#
279 30.3 18.4 27.6#



#96
Benzo(g,h,i)perylene
Concen: 19.253 ng/ul
RT: 27.627 min Scan# 4155
Delta R.T. -0.029 min
Lab File: BP015876.D
Acq: 01 Jul 2023 09:46

Tgt Ion:276 Resp: 1431278
Ion Ratio Lower Upper
276 100
138 24.2 15.1 22.7#
277 24.7 18.8 28.2

