

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP051923.D
 Acq On : 19 May 2023 17:36
 Operator : CG/JU
 Sample : 02664-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREA5

Quant Time: May 19 22:13:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051123.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 19 01:07:51 2023
 Response via : Initial Calibration

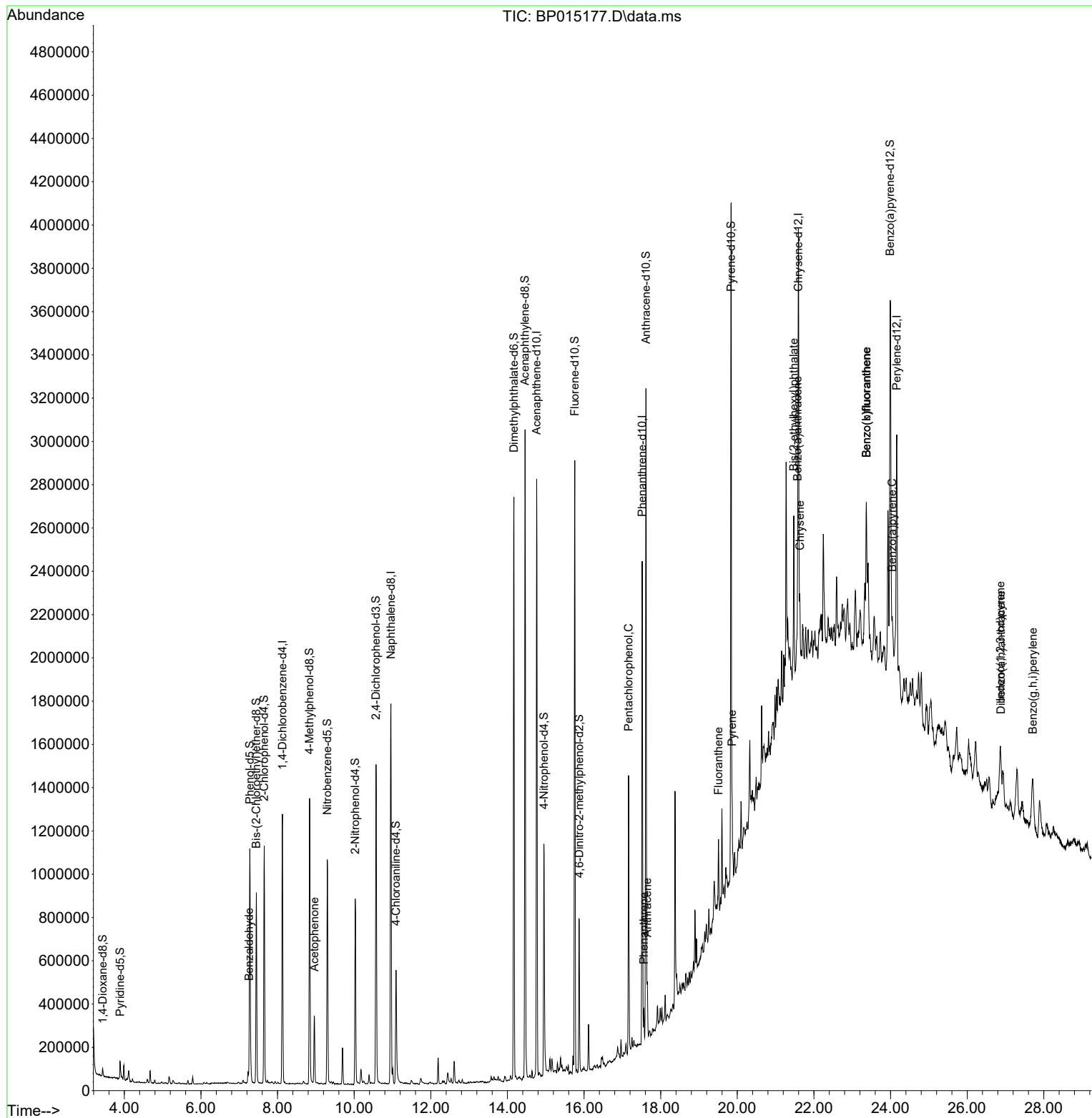
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	335053	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1467421	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	898614	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1315868	20.000	ng/ul	0.00
79) Chrysene-d12	21.592	240	901439	20.000	ng/ul	0.00
88) Perylene-d12	24.162	264	924524	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	19368	2.246	ng/uL	0.00
4) Pyridine-d5	3.887	84	44729	1.830	ng/ul	0.02
7) Phenol-d5	7.275	99	651705	20.949	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	378337	21.057	ng/ul	0.00
11) 2-Chlorophenol-d4	7.651	132	502265	21.959	ng/ul	0.00
15) 4-Methylphenol-d8	8.834	113	517558	20.879	ng/ul	0.00
21) Nitrobenzene-d5	9.298	128	247932	21.502	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	279033	21.748	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.569	165	542411	23.428	ng/ul	0.00
31) 4-Chloroaniline-d4	11.092	131	325023	9.488	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1727774	25.444	ng/ul	0.00
49) Acenaphthylene-d8	14.457	160	1979765	25.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	282258	21.407	ng/ul	0.00
60) Fluorene-d10	15.757	176	1092753	19.071	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	155823	18.790	ng/ul	0.00
73) Anthracene-d10	17.616	188	1674703	27.794	ng/ul	0.00
81) Pyrene-d10	19.839	212	1718092	32.862	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.992	264	1305975	28.456	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.257	77	9162	1.072	ng/ul	95
16) Acetophenone	8.957	105	172654	4.463	ng/ul	93
71) Pentachlorophenol	17.163	266	220832	22.042	ng/ul	99
72) Phenanthrene	17.557	178	94357	1.317	ng/ul	97
74) Anthracene	17.651	178	155120	2.141	ng/ul	98
80) Fluoranthene	19.510	202	184442	2.894	ng/ul	98
82) Pyrene	19.863	202	205296	3.120	ng/ul	98
85) Benzo(a)anthracene	21.574	228	84792	1.360	ng/ul#	68
86) Bis(2-ethylhexyl)phtha...	21.474	149	254422	6.058	ng/ul#	98
87) Chrysene	21.633	228	116618	1.957	ng/ul#	88
90) Benzo(b)fluoranthene	23.368	252	540634	9.224	ng/ul#	93
91) Benzo(k)fluoranthene	23.368	252	540634	9.606	ng/ul#	93
93) Benzo(a)pyrene	24.045	252	105049	2.028	ng/ul#	72
94) Indeno(1,2,3-cd)pyrene	26.868	276	297541	4.436	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.880	278	67892	1.233	ng/ul#	67
96) Benzo(g,h,i)perylene	27.709	276	308594	5.642	ng/ul	95

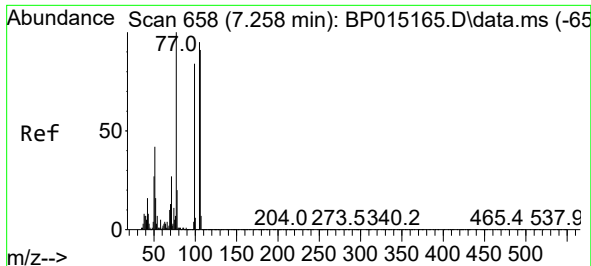
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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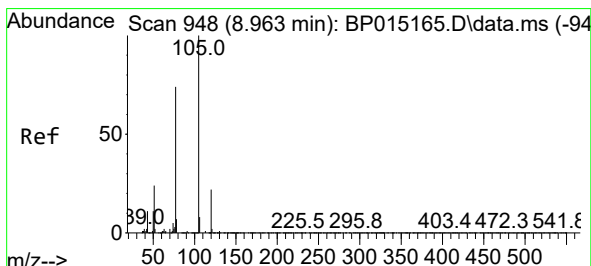
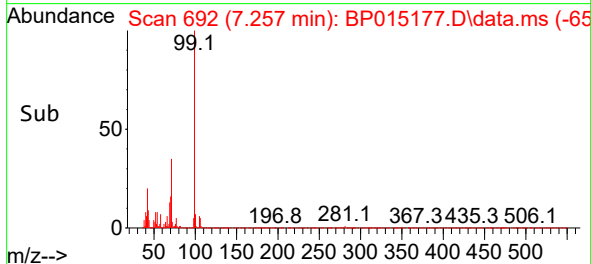
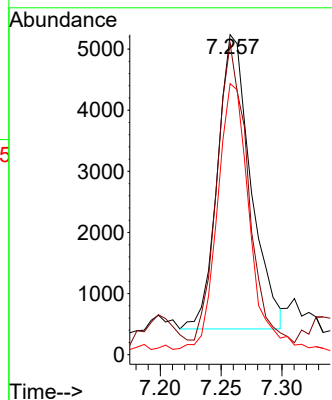
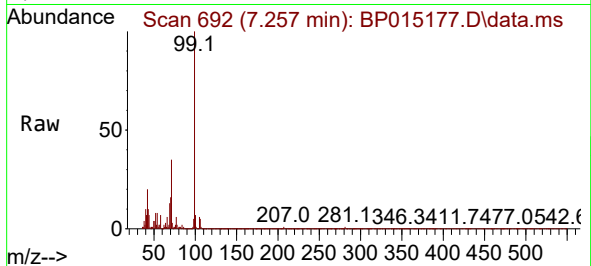




#6
Benzaldehyde
Concen: 1.072 ng/ul
RT: 7.257 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

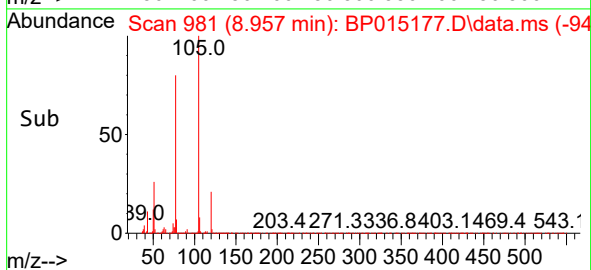
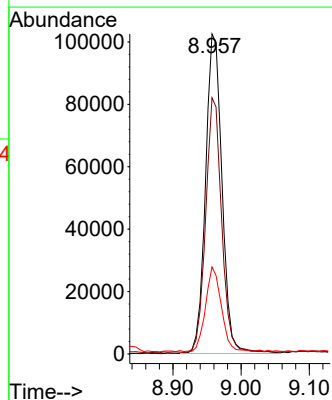
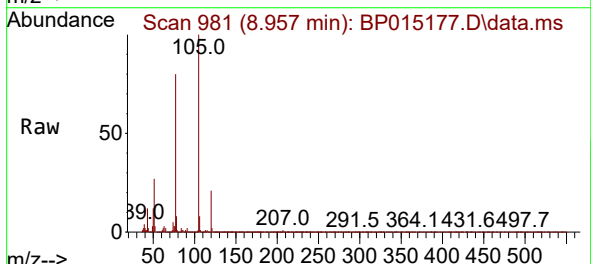
Instrument :
BNA_P
ClientSampleId :
JREA5

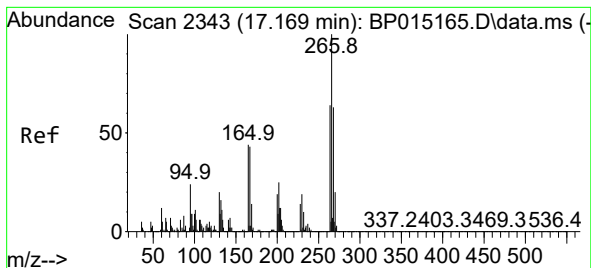
Tgt Ion: 77 Resp: 9162
Ion Ratio Lower Upper
77 100
105 97.3 76.9 115.3
106 84.7 75.0 112.6



#16
Acetophenone
Concen: 4.463 ng/ul
RT: 8.957 min Scan# 981
Delta R.T. -0.006 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

Tgt Ion: 105 Resp: 172654
Ion Ratio Lower Upper
105 100
77 80.1 59.4 89.2
51 27.2 19.2 28.8





#71

Pentachlorophenol

Concen: 22.042 ng/ul

RT: 17.163 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

Instrument :

BNA_P

ClientSampleId :

JREA5

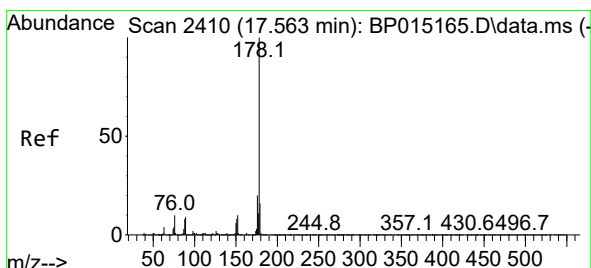
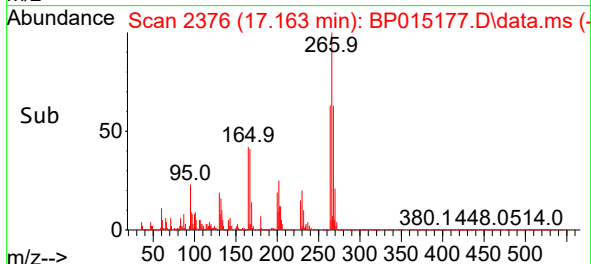
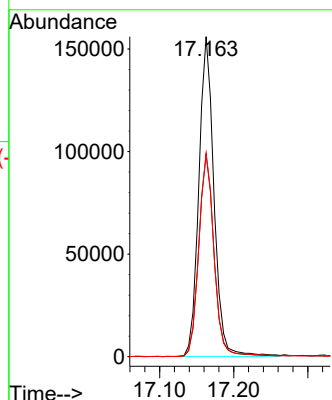
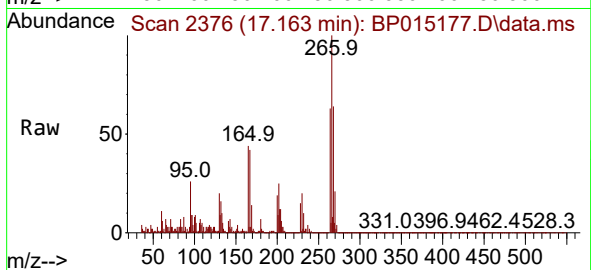
Tgt Ion:266 Resp: 220832

Ion Ratio Lower Upper

266 100

264 63.2 51.0 76.4

268 63.5 51.8 77.6



#72

Phenanthrene

Concen: 1.317 ng/ul

RT: 17.557 min Scan# 2443

Delta R.T. -0.006 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

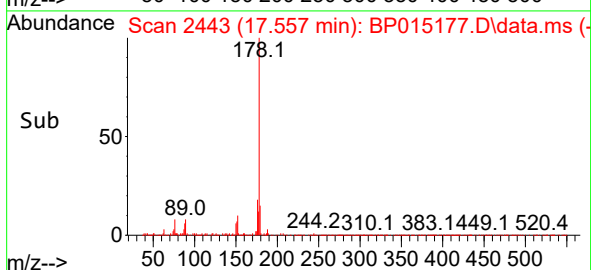
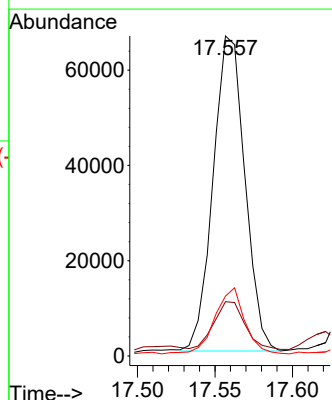
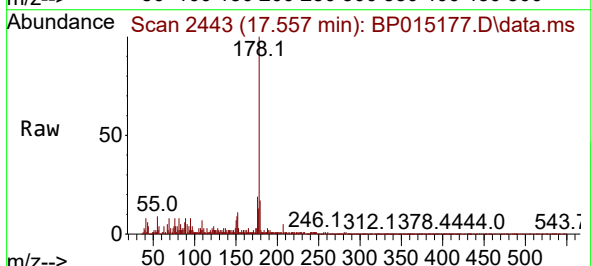
Tgt Ion:178 Resp: 94357

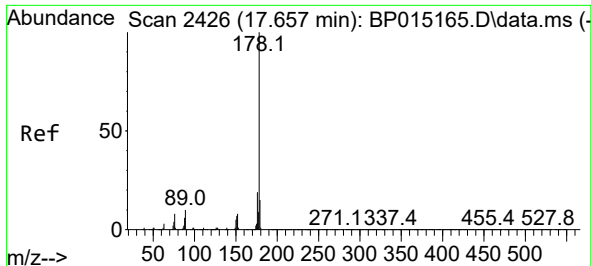
Ion Ratio Lower Upper

178 100

179 17.0 12.2 18.2

176 18.7 15.6 23.4

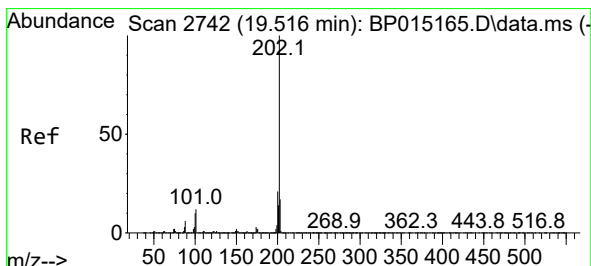
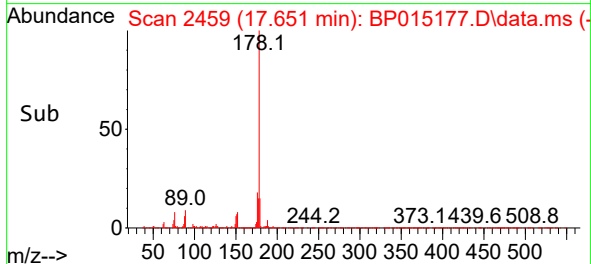
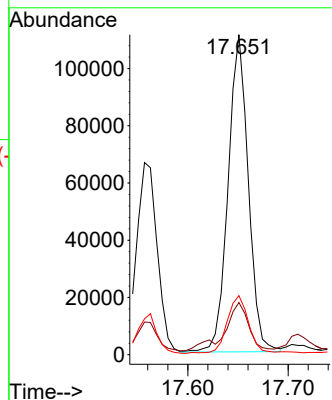
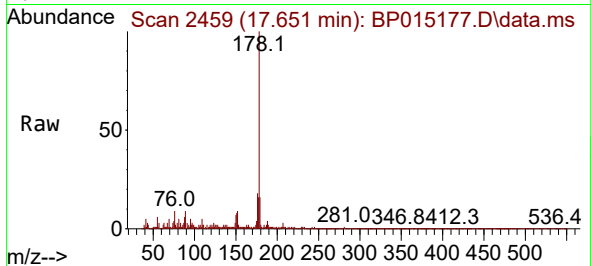




#74
 Anthracene
 Concen: 2.141 ng/ul
 RT: 17.651 min Scan# 2426
 Delta R.T. -0.006 min
 Lab File: BP015177.D
 Acq: 19 May 2023 17:36

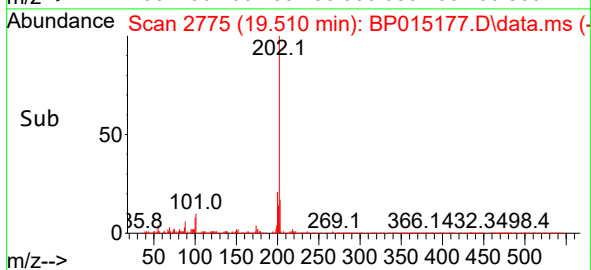
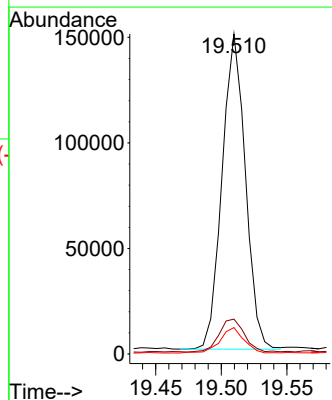
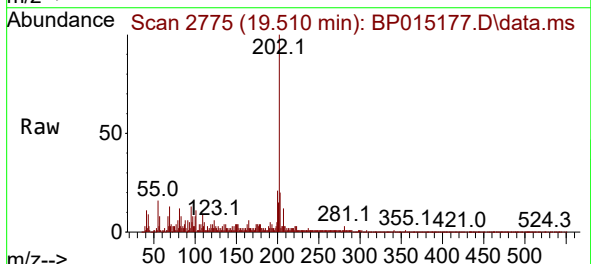
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 JREA5

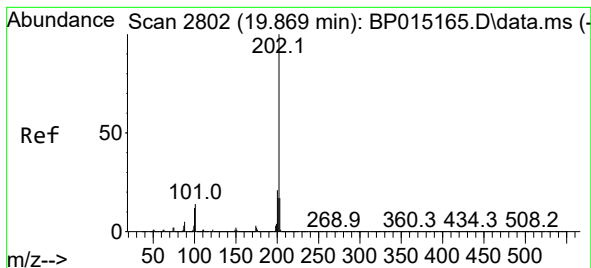
Tgt Ion:178 Resp: 155120
 Ion Ratio Lower Upper
 178 100
 179 16.3 12.2 18.2
 176 18.4 15.2 22.8



#80
 Fluoranthene
 Concen: 2.894 ng/ul
 RT: 19.510 min Scan# 2775
 Delta R.T. -0.000 min
 Lab File: BP015177.D
 Acq: 19 May 2023 17:36

Tgt Ion:202 Resp: 184442
 Ion Ratio Lower Upper
 202 100
 101 10.9 9.5 14.3
 100 8.3 7.3 10.9





#82

Pyrene

Concen: 3.120 ng/ul

RT: 19.863 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

Instrument :

BNA_P

ClientSampleId :

JREA5

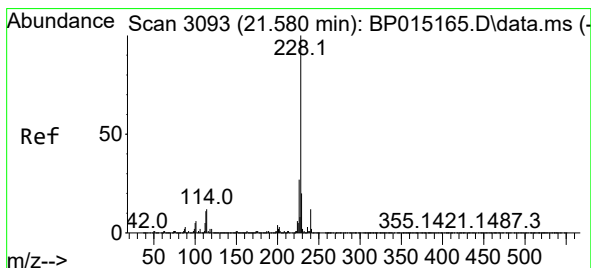
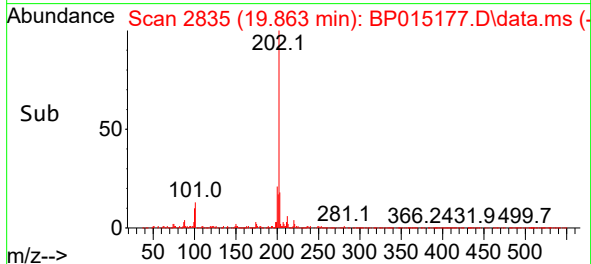
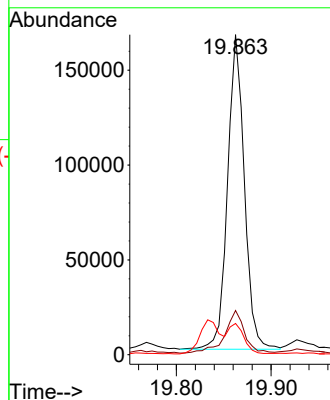
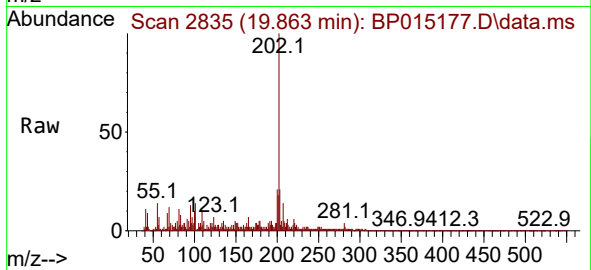
Tgt Ion:202 Resp: 205296

Ion Ratio Lower Upper

202 100

101 13.8 11.2 16.8

100 9.8 9.0 13.6



#85

Benzo(a)anthracene

Concen: 1.360 ng/ul

RT: 21.574 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

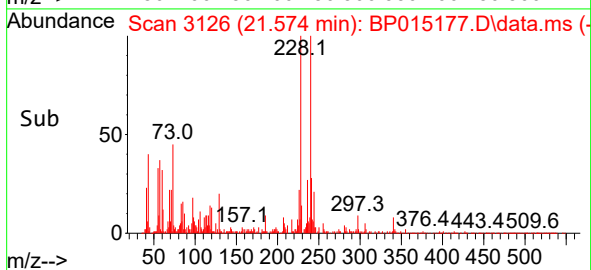
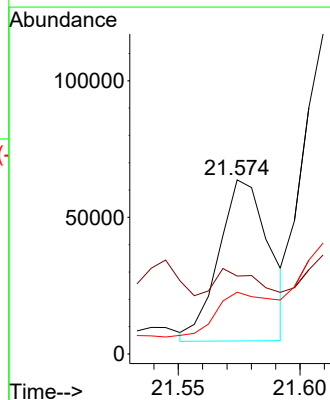
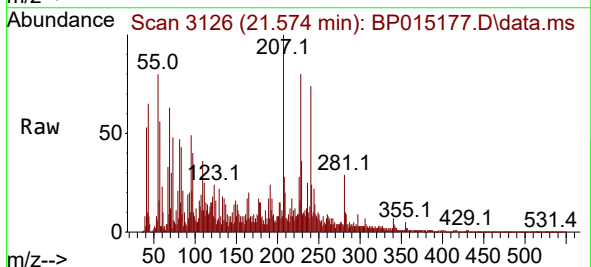
Tgt Ion:228 Resp: 84792

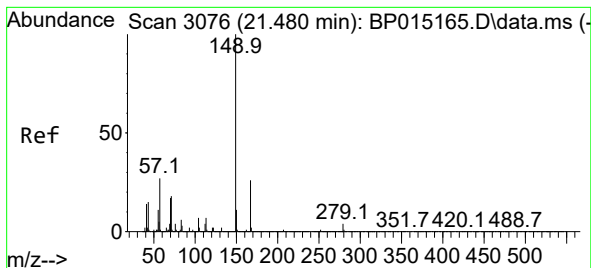
Ion Ratio Lower Upper

228 100

229 44.8 16.1 24.1#

226 35.4 21.9 32.9#





#86

Bis(2-ethylhexyl)phthalate

Concen: 6.058 ng/ul

RT: 21.474 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

Instrument :

BNA_P

ClientSampleId :

JREA5

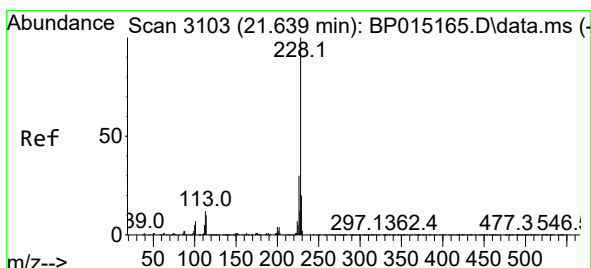
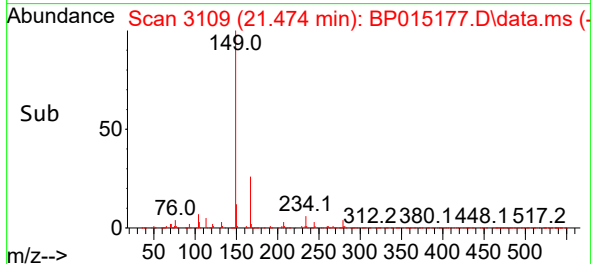
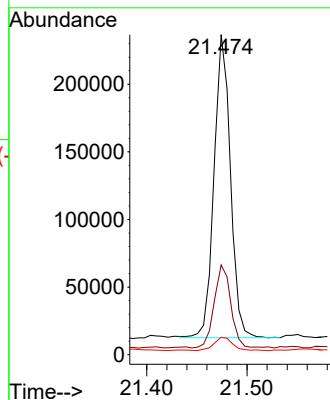
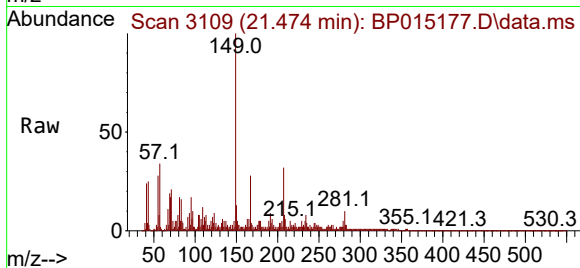
Tgt Ion:149 Resp: 254422

Ion Ratio Lower Upper

149 100

167 28.1 21.8 32.6

279 5.5 3.2 4.8#



#87

Chrysene

Concen: 1.957 ng/ul

RT: 21.633 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

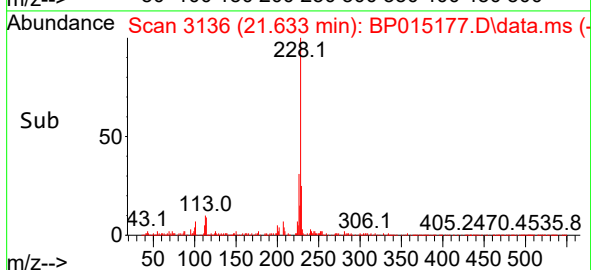
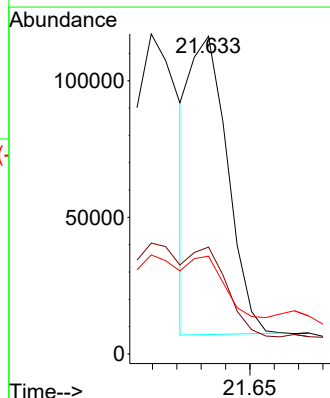
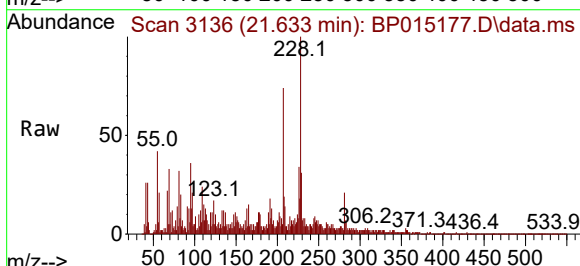
Tgt Ion:228 Resp: 116618

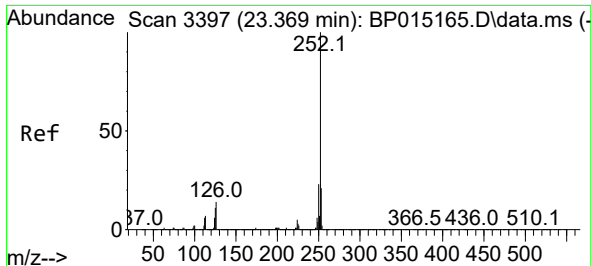
Ion Ratio Lower Upper

228 100

226 33.6 25.0 37.6

229 30.8 16.1 24.1#

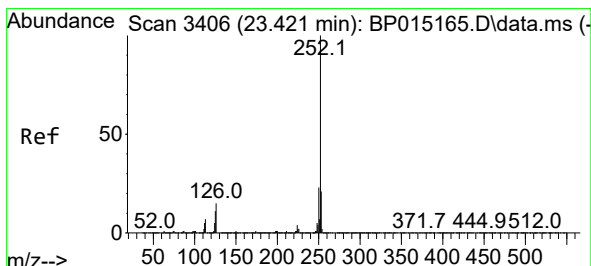
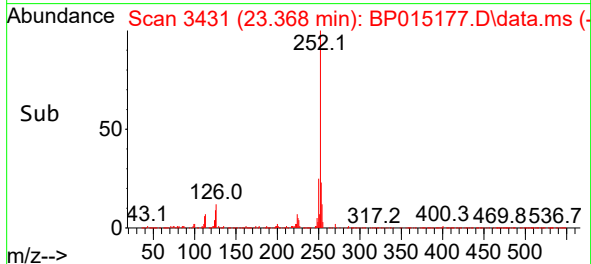
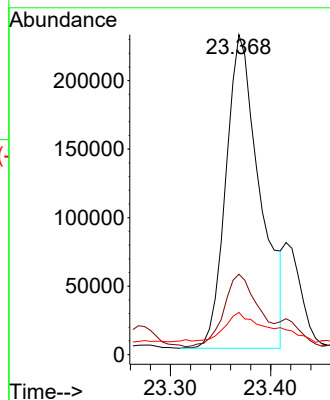
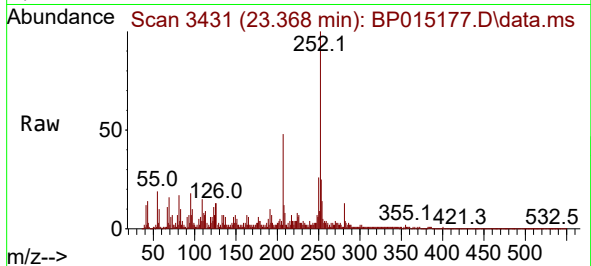




#90
Benzo(b)fluoranthene
Concen: 9.224 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

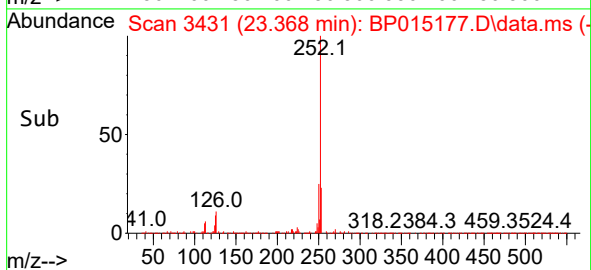
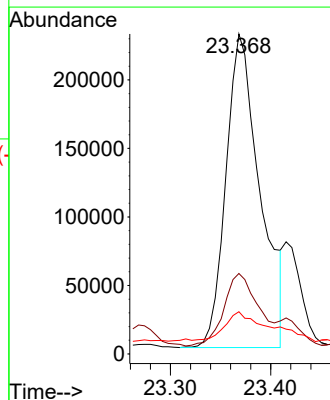
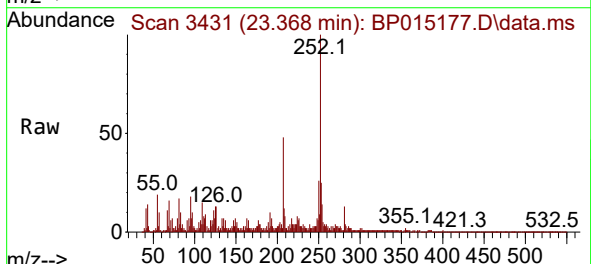
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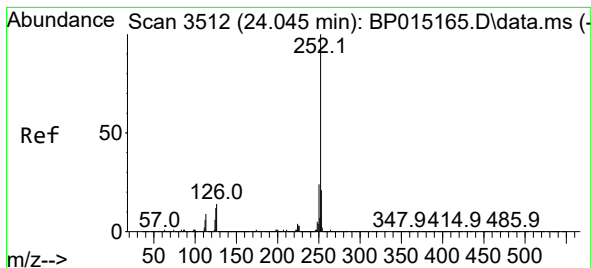
Tgt Ion:252 Resp: 540634
Ion Ratio Lower Upper
252 100
253 25.2 17.4 26.2
125 13.2 8.3 12.5#



#91
Benzo(k)fluoranthene
Concen: 9.606 ng/ul
RT: 23.368 min Scan# 3431
Delta R.T. -0.053 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

Tgt Ion:252 Resp: 540634
Ion Ratio Lower Upper
252 100
253 25.2 17.5 26.3
125 13.2 8.5 12.7#





#93

Benzo(a)pyrene

Concen: 2.028 ng/ul

RT: 24.045 min Scan# 3

Delta R.T. -0.000 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

Instrument :

BNA_P

ClientSampleId :

JREA5

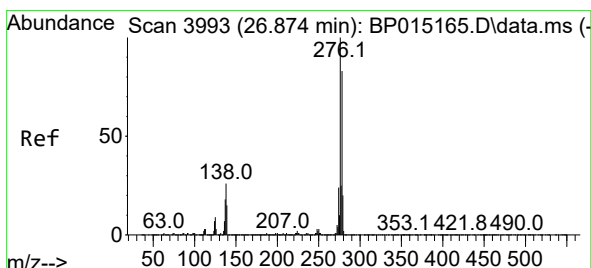
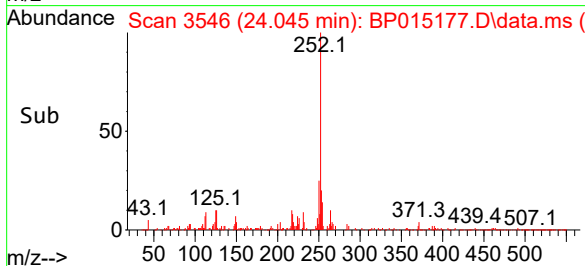
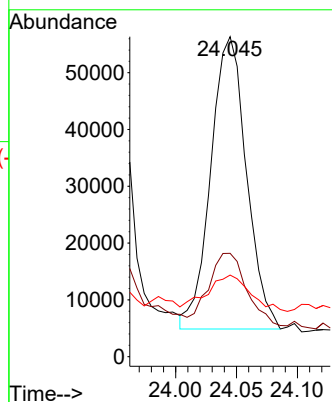
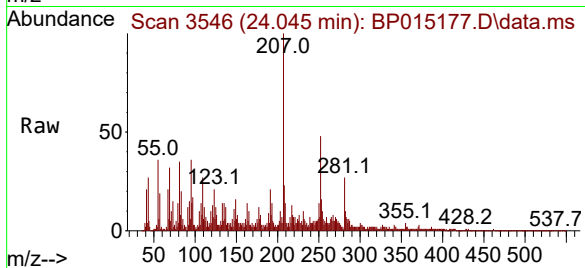
Tgt Ion:252 Resp: 105049

Ion Ratio Lower Upper

252 100

253 32.3 17.2 25.8#

125 25.5 9.1 13.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.436 ng/ul

RT: 26.868 min Scan# 4026

Delta R.T. -0.000 min

Lab File: BP015177.D

Acq: 19 May 2023 17:36

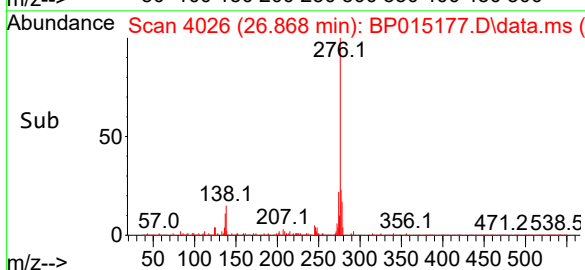
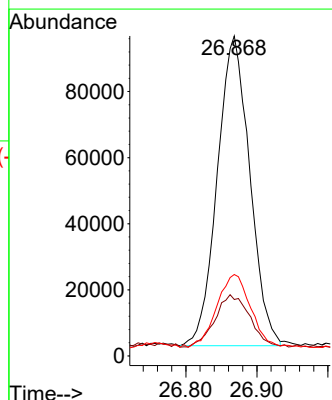
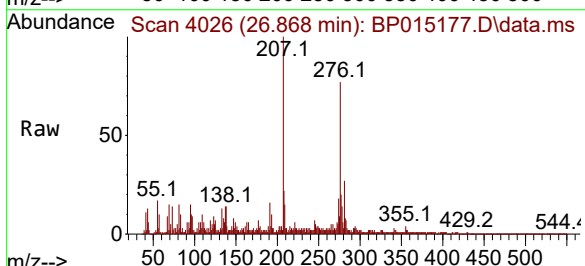
Tgt Ion:276 Resp: 297541

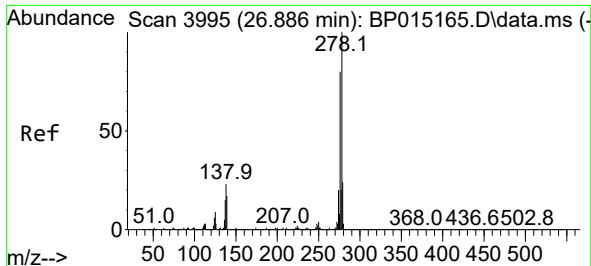
Ion Ratio Lower Upper

276 100

138 17.7 20.1 30.1#

277 25.5 19.8 29.8

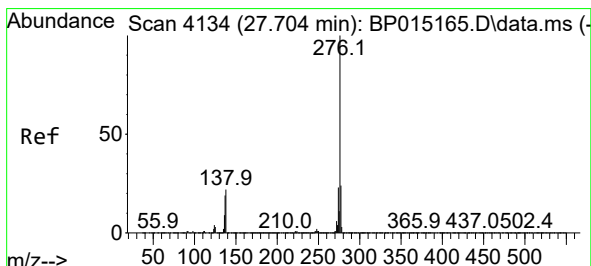
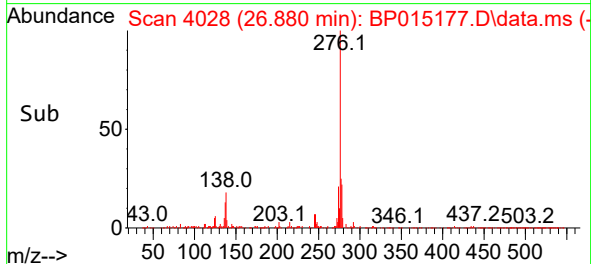
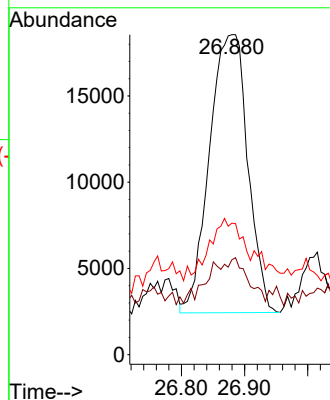
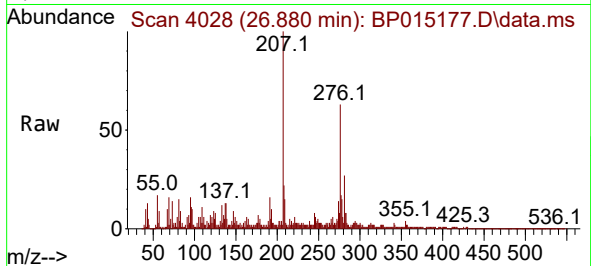




#95
Dibenzo(a,h)anthracene
Concen: 1.233 ng/ul
RT: 26.880 min Scan# 4028
Delta R.T. -0.006 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

Instrument :
BNA_P
ClientSampleId :
JREA5

Tgt Ion:278 Resp: 67892
Ion Ratio Lower Upper
278 100
139 29.7 13.3 19.9#
279 41.1 19.1 28.7#



#96
Benzo(g,h,i)perylene
Concen: 5.642 ng/ul
RT: 27.709 min Scan# 4169
Delta R.T. 0.006 min
Lab File: BP015177.D
Acq: 19 May 2023 17:36

Tgt Ion:276 Resp: 308594
Ion Ratio Lower Upper
276 100
138 19.7 17.7 26.5
277 25.7 18.8 28.2

