

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
 Data File : BP015629.D
 Acq On : 20 Jun 2023 19:18
 Operator : MA/JU
 Sample : 03080-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFJ0

Quant Time: Jun 20 22:28:42 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)

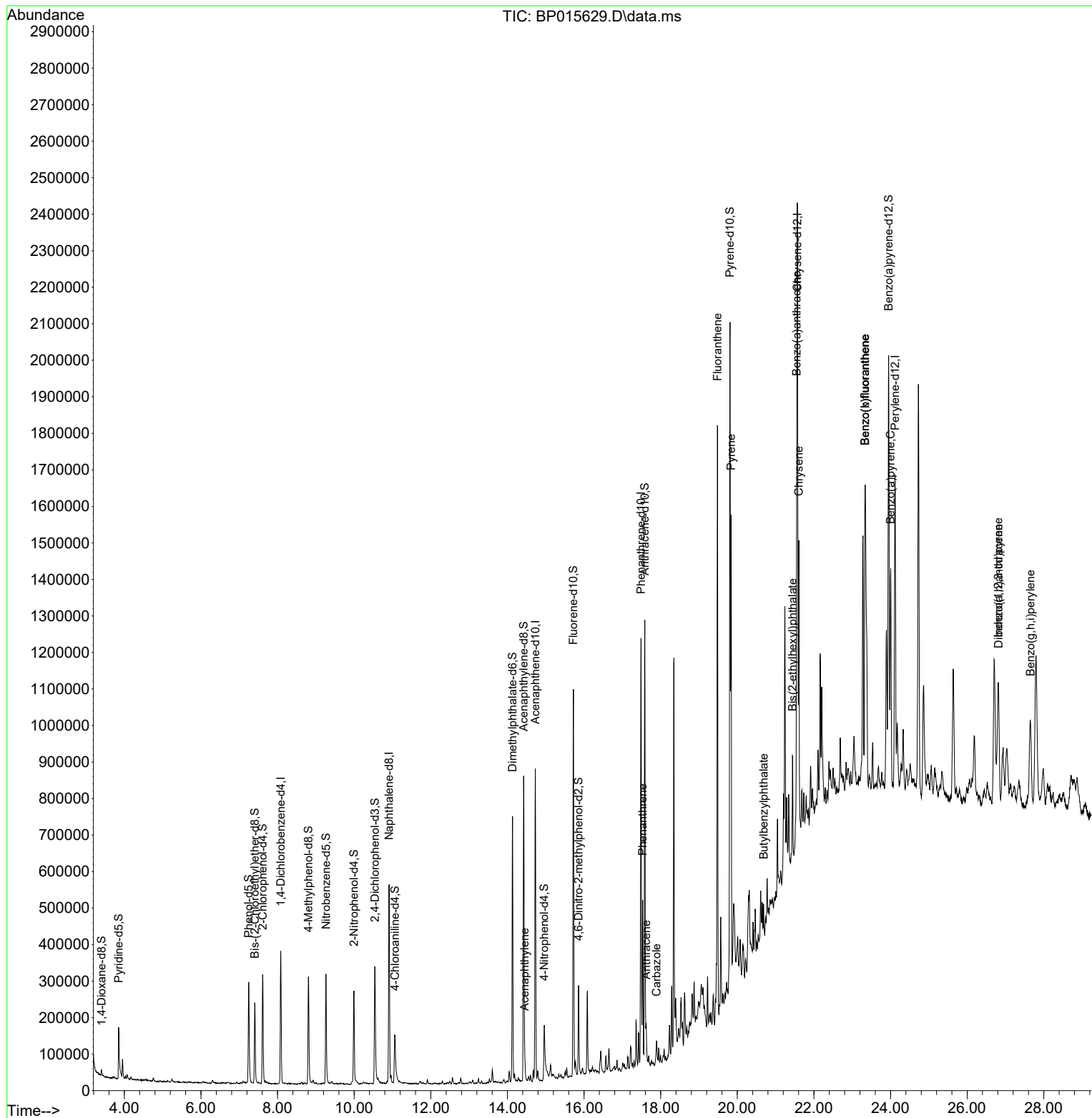
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	94861	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	420192	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	275619	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.486	188	673705	20.000	ng/ul	0.00
79) Chrysene-d12	21.569	240	676683	20.000	ng/ul	0.00
88) Perylene-d12	24.116	264	722070	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.405	96	7274	2.839	ng/uL	0.00
4) Pyridine-d5	3.852	84	80504	12.098	ng/ul	0.00
7) Phenol-d5	7.246	99	158628	18.151	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	100831	19.319	ng/ul	0.00
11) 2-Chlorophenol-d4	7.611	132	132142	20.855	ng/ul	0.00
15) 4-Methylphenol-d8	8.805	113	114344	15.942	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	67847	20.566	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	74335	19.731	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	126704	18.437	ng/ul	0.00
31) 4-Chloroaniline-d4	11.063	131	98060	9.941	ng/ul	0.00
46) Dimethylphthalate-d6	14.134	166	450385	20.722	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	522234	21.974	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	50559	12.990	ng/ul	0.03
60) Fluorene-d10	15.722	176	405302	22.114	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.857	200	50563	11.847	ng/ul	0.00
73) Anthracene-d10	17.586	188	655948	21.399	ng/ul	0.00
81) Pyrene-d10	19.810	212	861658	23.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	778535	21.488	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.451	152	33894	1.288	ng/ul	98
72) Phenanthrene	17.528	178	244985	6.776	ng/ul	100
74) Anthracene	17.622	178	61739	1.683	ng/ul	98
77) Carbazole	17.892	167	38780	1.174	ng/ul	96
80) Fluoranthene	19.480	202	847343	19.207	ng/ul	99
82) Pyrene	19.839	202	740570	16.226	ng/ul	98
83) Butylbenzylphthalate	20.686	149	20281	1.005	ng/ul#	88
85) Benzo(a)anthracene	21.551	228	454741	9.613	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	88645	2.973	ng/ul	100
87) Chrysene	21.604	228	469819	10.507	ng/ul	96
90) Benzo(b)fluoranthene	23.333	252	721746	15.485	ng/ul	97
91) Benzo(k)fluoranthene	23.333	252	721746	16.019	ng/ul	98
93) Benzo(a)pyrene	24.004	252	465823	11.463	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.810	276	381010	7.245	ng/ul	95
95) Dibenzo(a,h)anthracene	26.821	278	96860	2.261	ng/ul#	77
96) Benzo(g,h,i)perylene	27.651	276	350799	8.094	ng/ul	99

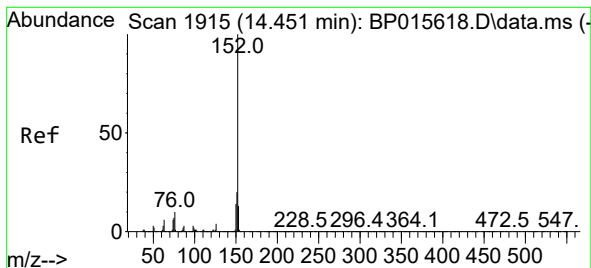
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062023\
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Quant Title : SVOA CALIBRATION
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#50

Acenaphthylene

Concen: 1.288 ng/ul

RT: 14.451 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

Instrument :

BNA_P

ClientSampleId :

DCFJ0

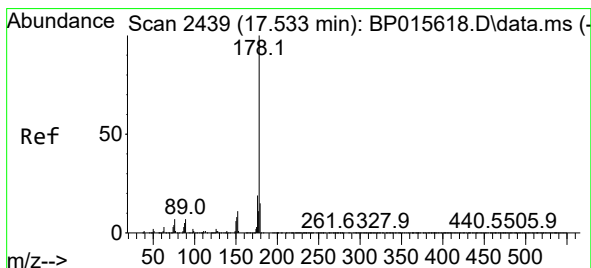
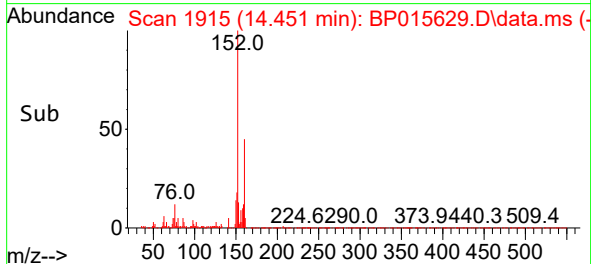
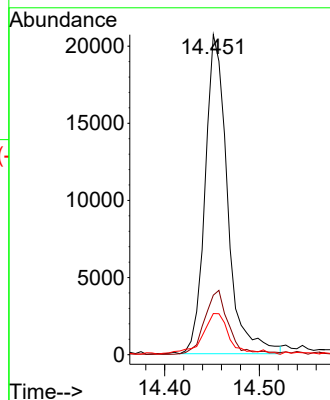
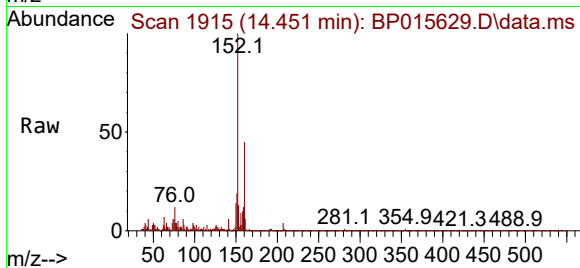
Tgt Ion:152 Resp: 33894

Ion Ratio Lower Upper

152 100

151 18.6 16.0 24.0

153 12.8 10.6 15.8



#72

Phenanthrene

Concen: 6.776 ng/ul

RT: 17.528 min Scan# 2438

Delta R.T. 0.000 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

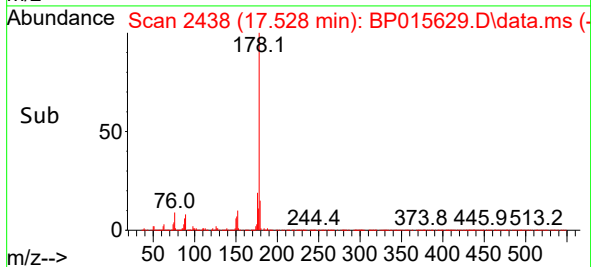
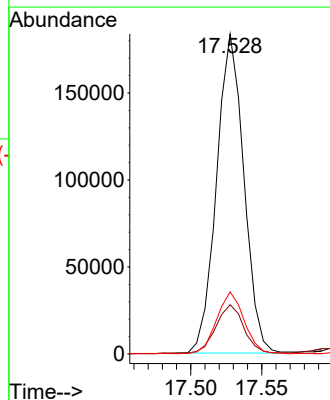
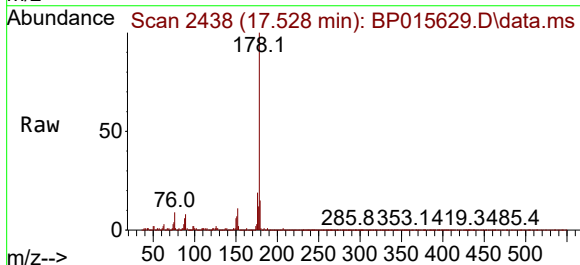
Tgt Ion:178 Resp: 244985

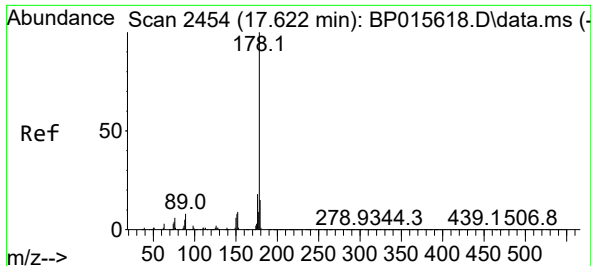
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 19.4 15.4 23.0

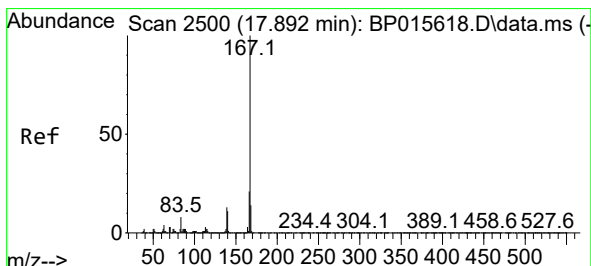
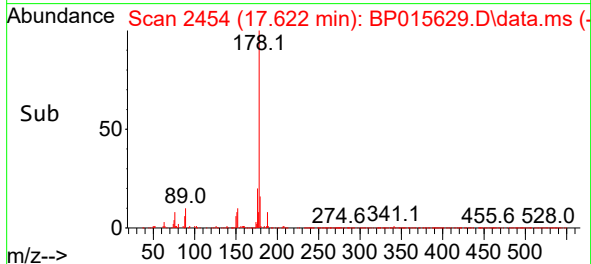
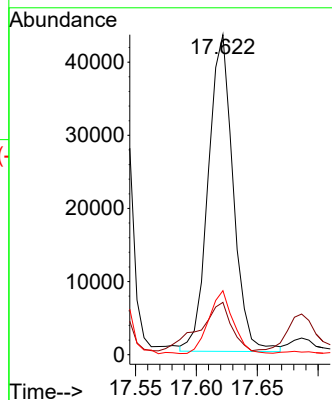
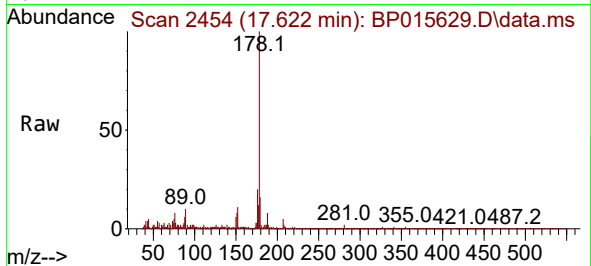




#74
 Anthracene
 Concen: 1.683 ng/ul
 RT: 17.622 min Scan# 2454
 Delta R.T. 0.000 min
 Lab File: BP015629.D
 Acq: 20 Jun 2023 19:18

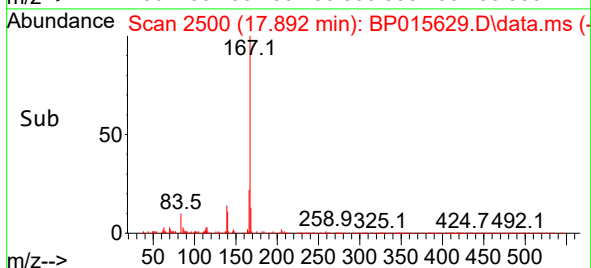
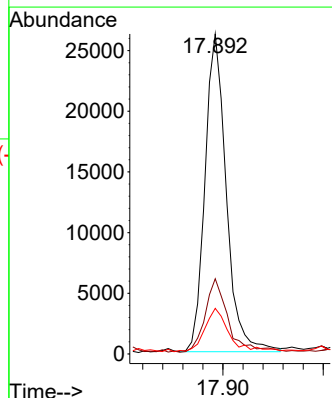
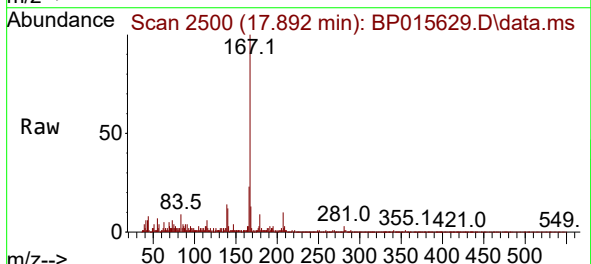
Instrument :
 BNA_P
 ClientSampleId :
 DCFJ0

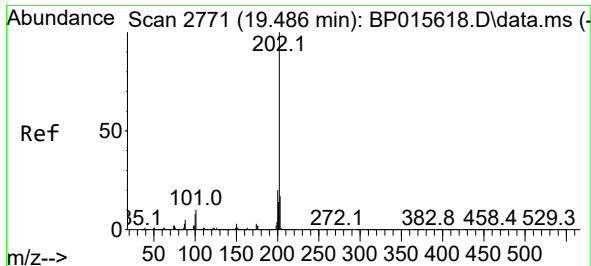
Tgt Ion:178 Resp: 61739
 Ion Ratio Lower Upper
 178 100
 179 16.4 12.4 18.6
 176 20.0 15.0 22.4



#77
 Carbazole
 Concen: 1.174 ng/ul
 RT: 17.892 min Scan# 2500
 Delta R.T. 0.000 min
 Lab File: BP015629.D
 Acq: 20 Jun 2023 19:18

Tgt Ion:167 Resp: 38780
 Ion Ratio Lower Upper
 167 100
 166 23.5 17.2 25.8
 139 14.2 10.6 16.0

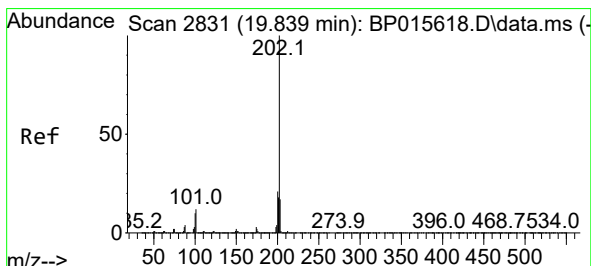
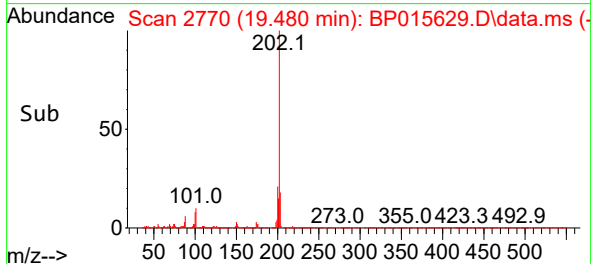
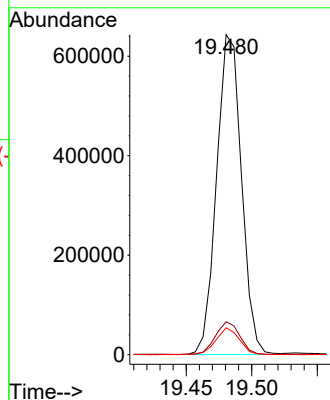
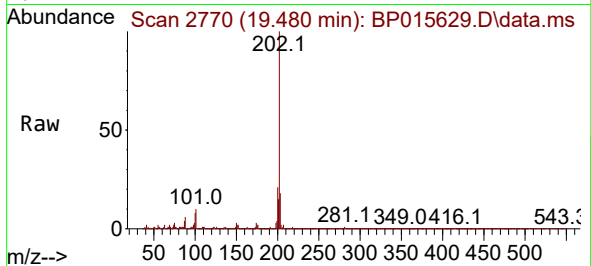




#80
Fluoranthene
Concen: 19.207 ng/ul
RT: 19.480 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

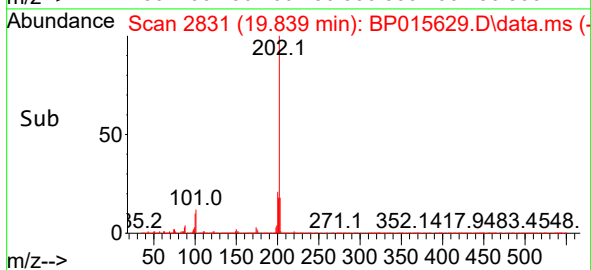
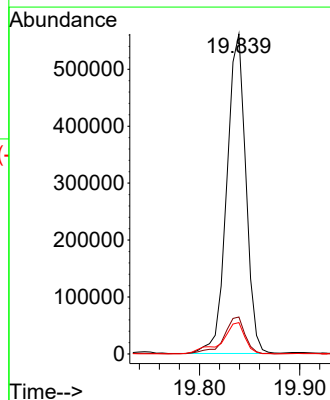
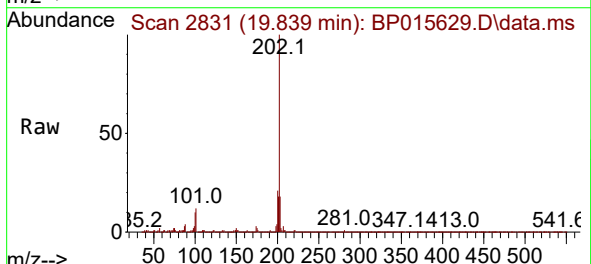
Instrument :
BNA_P
ClientSampleId :
DCFJ0

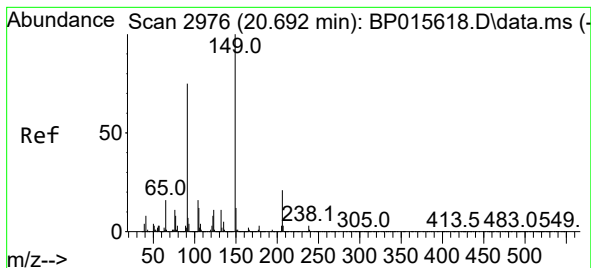
Tgt Ion:202 Resp: 847343
Ion Ratio Lower Upper
202 100
101 10.3 8.6 13.0
100 8.4 6.6 9.8



#82
Pyrene
Concen: 16.226 ng/ul
RT: 19.839 min Scan# 2831
Delta R.T. 0.000 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

Tgt Ion:202 Resp: 740570
Ion Ratio Lower Upper
202 100
101 11.6 9.9 14.9
100 9.8 8.4 12.6





#83

Butylbenzylphthalate

Concen: 1.005 ng/ul

RT: 20.686 min Scan# 2975

Delta R.T. -0.006 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

Instrument :

BNA_P

ClientSampleId :

DCFJ0

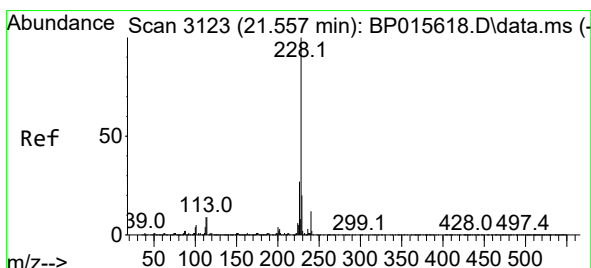
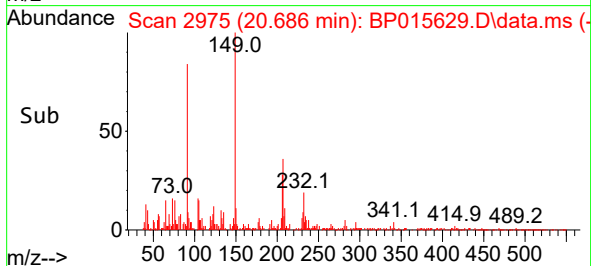
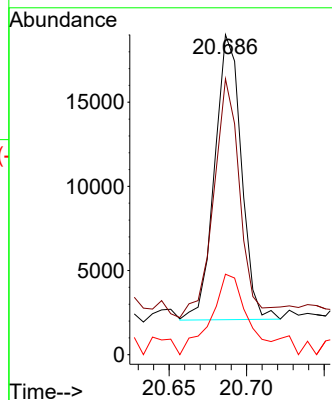
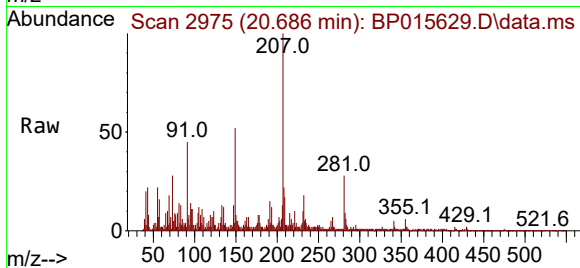
Tgt Ion:149 Resp: 20281

Ion Ratio Lower Upper

149 100

91 86.2 60.4 90.6

206 25.1 16.4 24.6#



#85

Benzo(a)anthracene

Concen: 9.613 ng/ul

RT: 21.551 min Scan# 3122

Delta R.T. 0.000 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

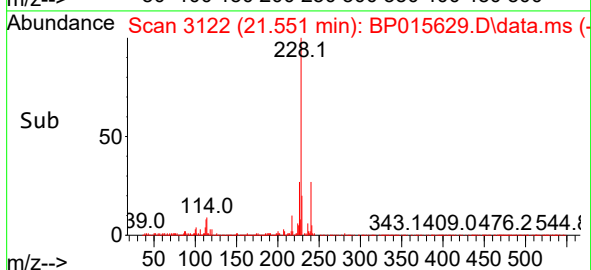
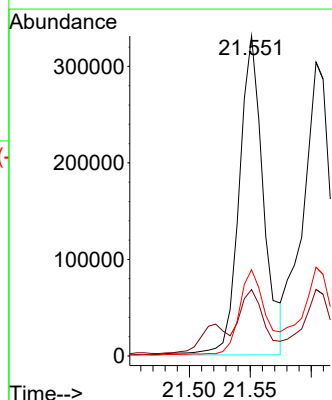
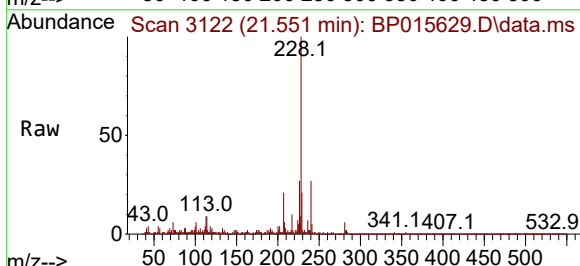
Tgt Ion:228 Resp: 454741

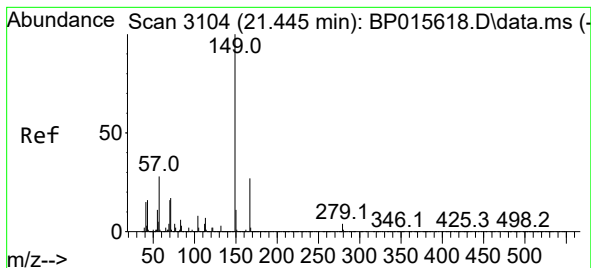
Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.6

226 27.0 21.8 32.6

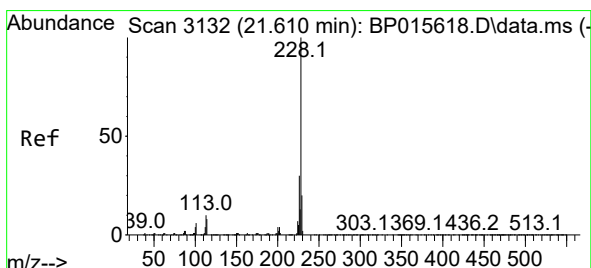
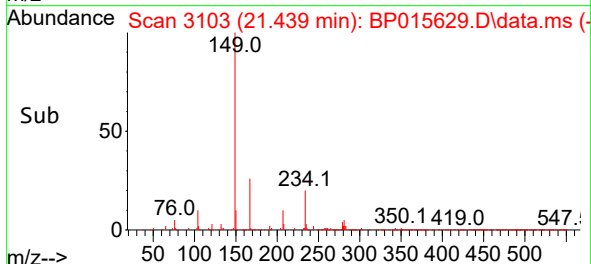
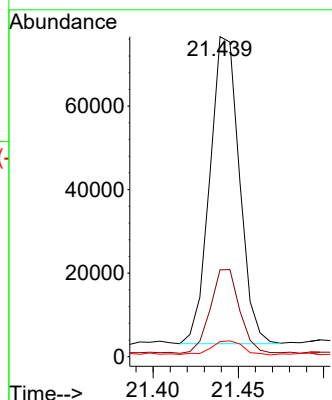
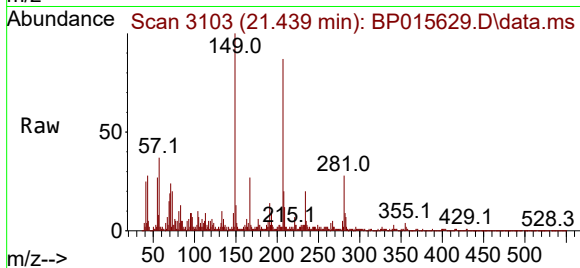




#86
Bis(2-ethylhexyl)phthalate
Concen: 2.973 ng/ul
RT: 21.439 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

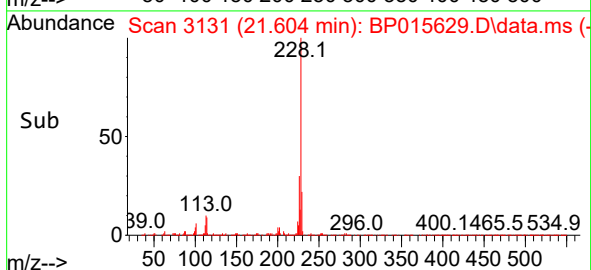
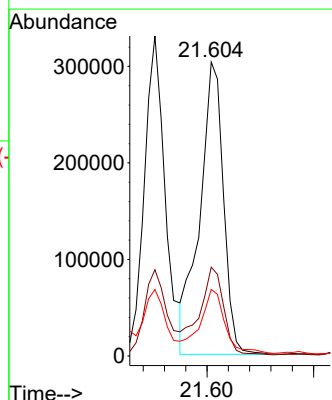
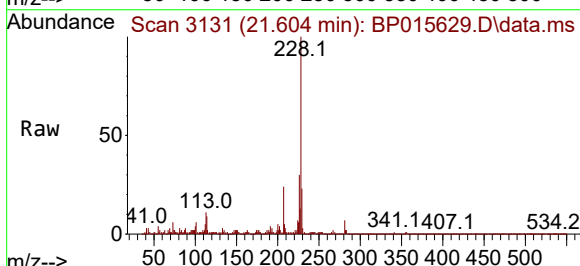
Instrument :
BNA_P
ClientSampleId :
DCFJ0

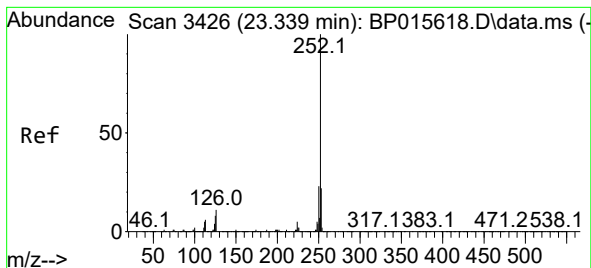
Tgt Ion:149 Resp: 88645
Ion Ratio Lower Upper
149 100
167 27.1 21.8 32.8
279 4.7 3.7 5.5



#87
Chrysene
Concen: 10.507 ng/ul
RT: 21.604 min Scan# 3131
Delta R.T. -0.006 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

Tgt Ion:228 Resp: 469819
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 22.7 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 15.485 ng/ul

RT: 23.333 min Scan# 3426

Delta R.T. 0.006 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

Instrument :

BNA_P

ClientSampleId :

DCFJ0

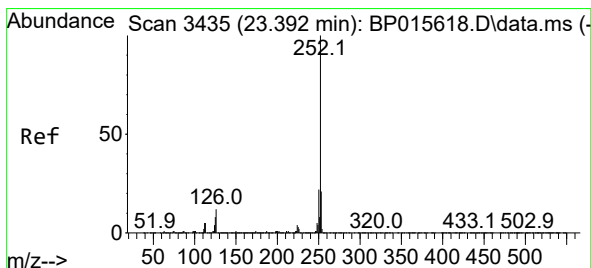
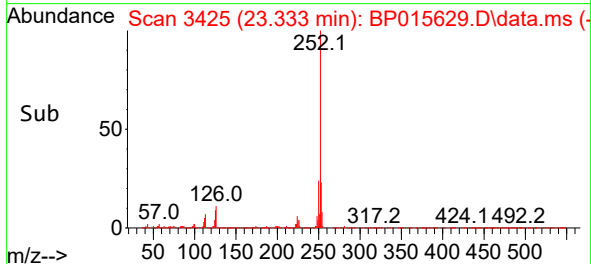
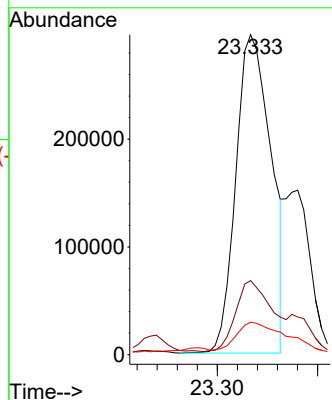
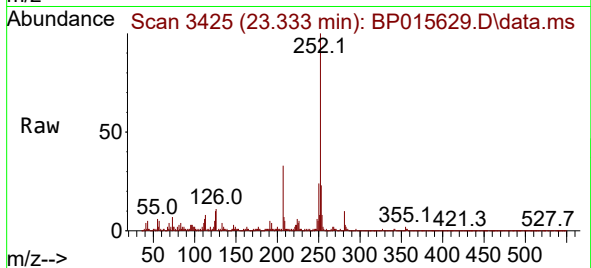
Tgt Ion:252 Resp: 721746

Ion Ratio Lower Upper

252 100

253 23.1 17.4 26.2

125 10.2 7.3 10.9



#91

Benzo(k)fluoranthene

Concen: 16.019 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. -0.047 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

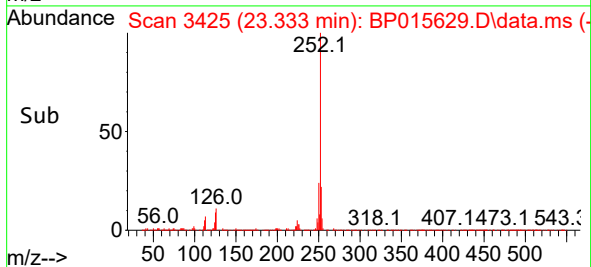
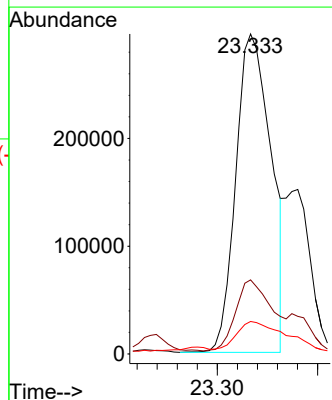
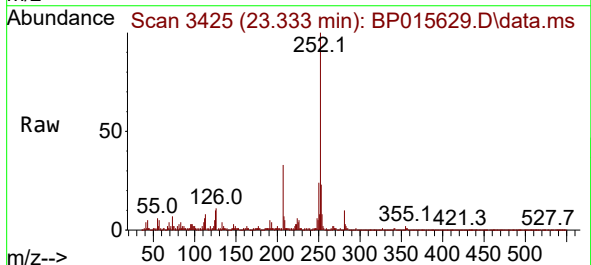
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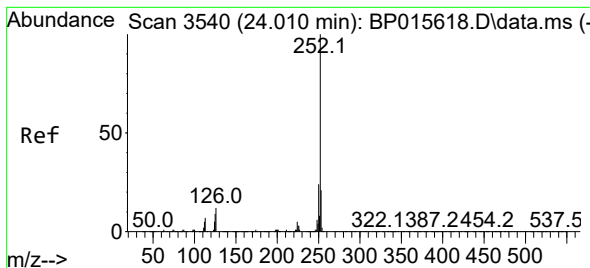
Ion Ratio Lower Upper

252 100

253 23.1 17.7 26.5

125 10.2 7.3 10.9





#93

Benzo(a)pyrene

Concen: 11.463 ng/ul

RT: 24.004 min Scan# 3

Delta R.T. 0.000 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

Instrument :

BNA_P

ClientSampleId :

DCFJ0

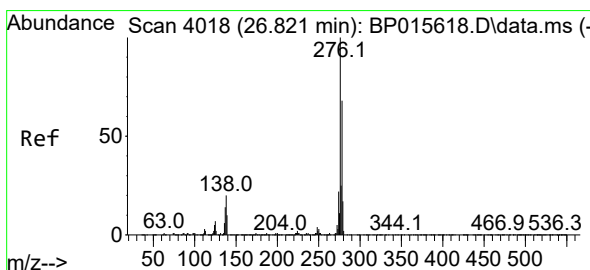
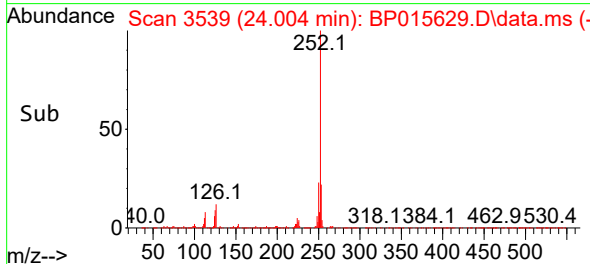
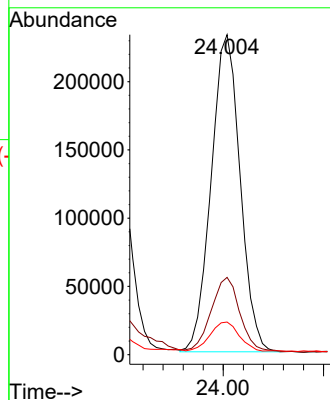
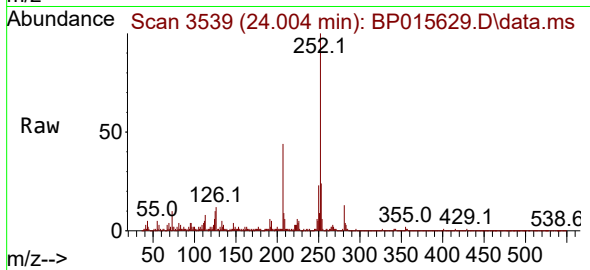
Tgt Ion:252 Resp: 465823

Ion Ratio Lower Upper

252 100

253 24.1 17.8 26.6

125 10.2 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 7.245 ng/ul

RT: 26.810 min Scan# 4016

Delta R.T. 0.000 min

Lab File: BP015629.D

Acq: 20 Jun 2023 19:18

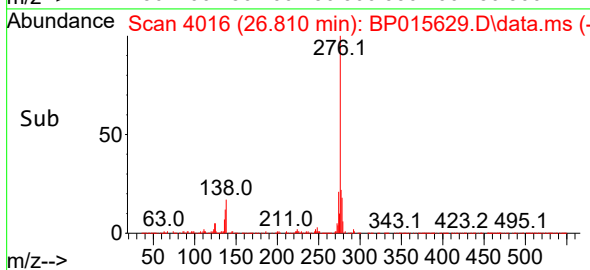
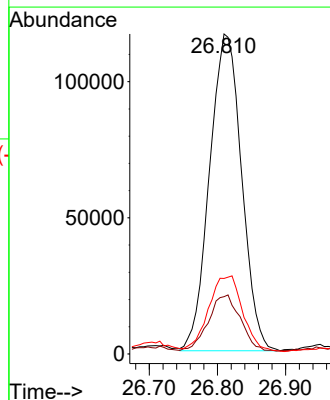
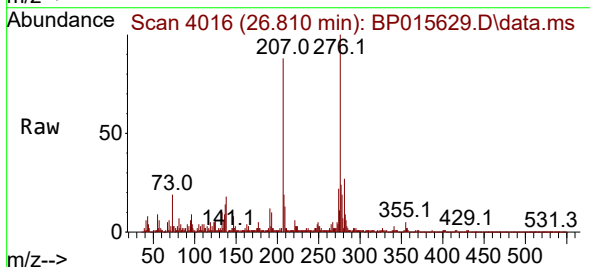
Tgt Ion:276 Resp: 381010

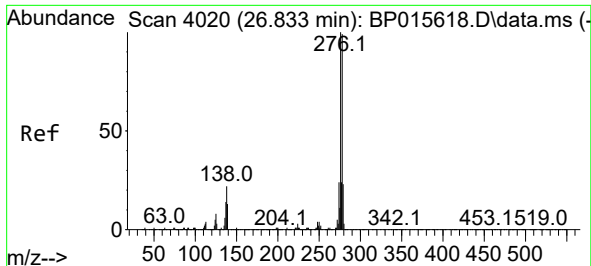
Ion Ratio Lower Upper

276 100

138 17.9 17.3 25.9

277 23.6 20.2 30.2

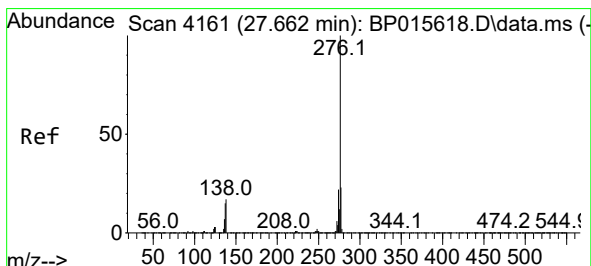
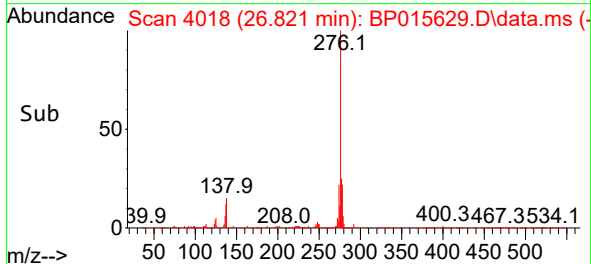
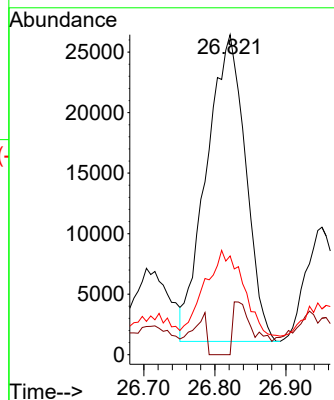
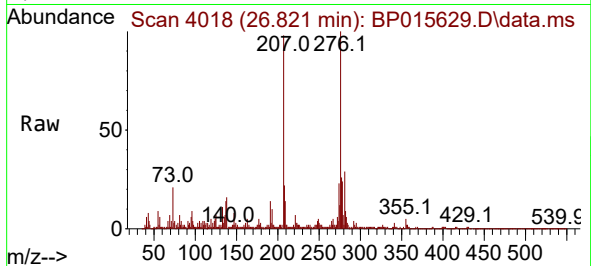




#95
Dibenzo(a,h)anthracene
Concen: 2.261 ng/ul
RT: 26.821 min Scan# 4020
Delta R.T. -0.006 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

Instrument :
BNA_P
ClientSampleId :
DCFJ0

Tgt Ion:278 Resp: 96860
Ion Ratio Lower Upper
278 100
139 0.0 11.4 17.0#
279 30.9 18.7 28.1#



#96
Benzo(g,h,i)perylene
Concen: 8.094 ng/ul
RT: 27.651 min Scan# 4159
Delta R.T. 0.012 min
Lab File: BP015629.D
Acq: 20 Jun 2023 19:18

Tgt Ion:276 Resp: 350799
Ion Ratio Lower Upper
276 100
138 18.5 15.6 23.4
277 23.6 19.0 28.6

