

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070223\
 Data File : BP015927.D
 Acq On : 02 Jul 2023 16:52
 Operator : MA/JU
 Sample : 03243-22
 Misc :
 ALS Vial : 95 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 03 04:19:55 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jul 02 06:12:16 2023
 Response via : Initial Calibration

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

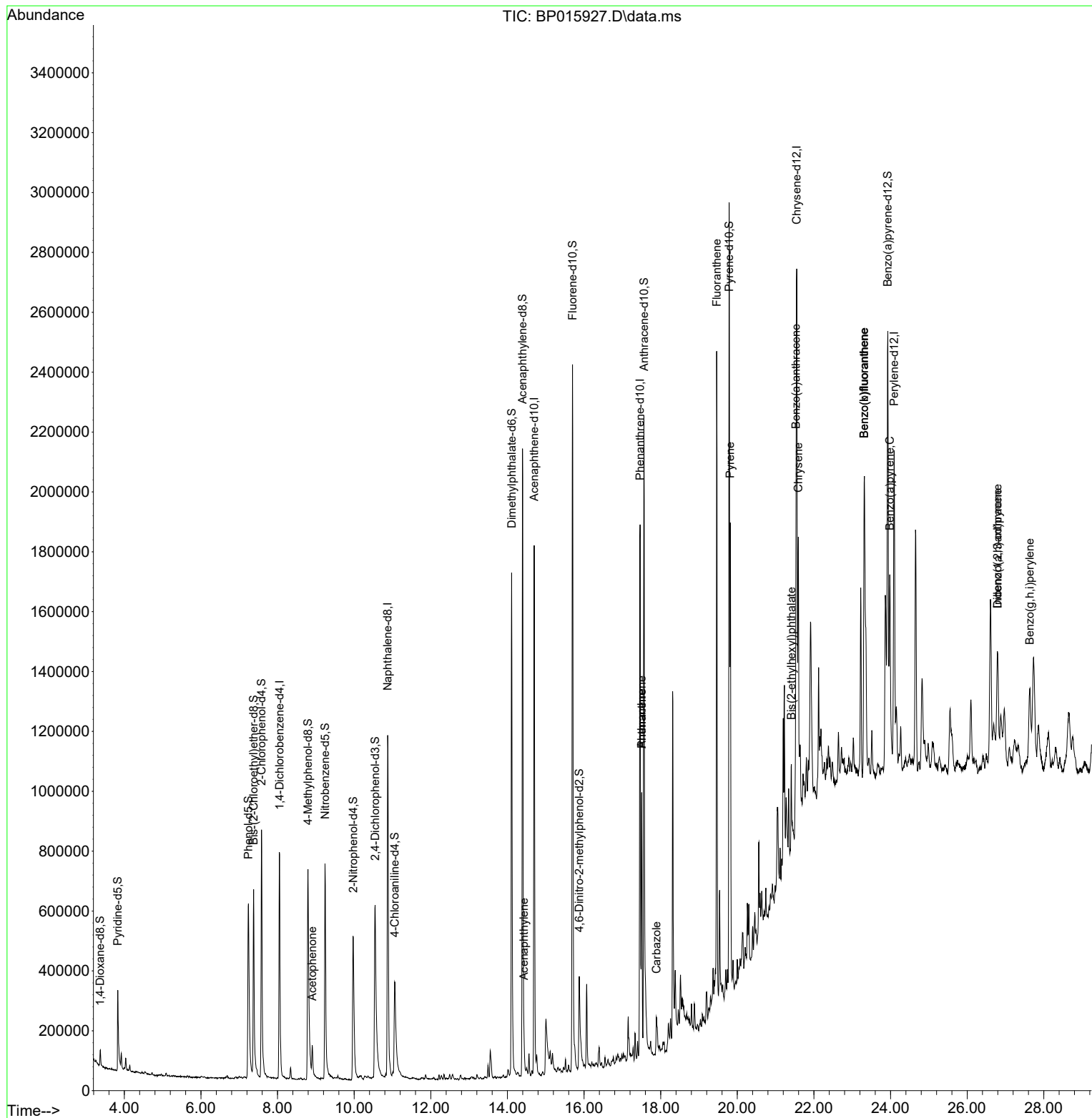
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	245609	20.000	ng/ul	0.00
20) Naphthalene-d8	10.875	136	1069982	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.698	164	605496	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.463	188	1110932	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.551	240	705454	20.000	ng/ul	0.00
88) Perylene-d12	24.092	264	844455	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	27803	4.073	ng/uL	0.00
4) Pyridine-d5	3.828	84	174080	10.116	ng/ul	0.01
7) Phenol-d5	7.240	99	517419	24.622	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.375	67	341446	26.262	ng/ul	0.00
11) 2-Chlorophenol-d4	7.581	132	420131	26.484	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	411451	24.784	ng/ul	0.01
21) Nitrobenzene-d5	9.240	128	206881	25.300	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	225939	23.674	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.546	165	388440	22.840	ng/ul	0.04
31) 4-Chloroaniline-d4	11.057	131	339520	15.541	ng/ul	0.03
46) Dimethylphthalate-d6	14.110	166	1260460	26.933	ng/ul	0.00
49) Acenaphthylene-d8	14.392	160	1422159	27.032	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	138	0.022	ng/ul	-0.03
60) Fluorene-d10	15.698	176	1018651	26.434	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	94860	13.884	ng/ul	0.02
73) Anthracene-d10	17.563	188	1348761	26.579	ng/ul	0.00
81) Pyrene-d10	19.786	212	1268195	27.531	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.927	264	1173113	27.539	ng/ul	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.905	105	57347	2.101	ng/ul	98
50) Acenaphthylene	14.428	152	59587	1.028	ng/ul	99
72) Phenanthrene	17.504	178	514938	8.532	ng/ul	100
74) Anthracene	17.504	178	514957	8.492	ng/ul	98
77) Carbazole	17.892	167	78589	1.538	ng/ul	98
80) Fluoranthene	19.463	202	1209697	21.130	ng/ul#	94
82) Pyrene	19.816	202	929795	15.922	ng/ul#	89
85) Benzo(a)anthracene	21.533	228	536304	10.807	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.410	149	70522	2.154	ng/ul	100
87) Chrysene	21.592	228	561640	11.929	ng/ul	97
90) Benzo(b)fluoranthene	23.310	252	871268	16.057	ng/ul#	95
91) Benzo(k)fluoranthene	23.310	252	871268	15.893	ng/ul#	94
93) Benzo(a)pyrene	23.980	252	536296	11.311	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.792	276	429238	6.669	ng/ul	95
95) Dibenzo(a,h)anthracene	26.792	278	118792	2.247	ng/ul#	76
96) Benzo(g,h,i)perylene	27.633	276	385419	7.279	ng/ul#	93

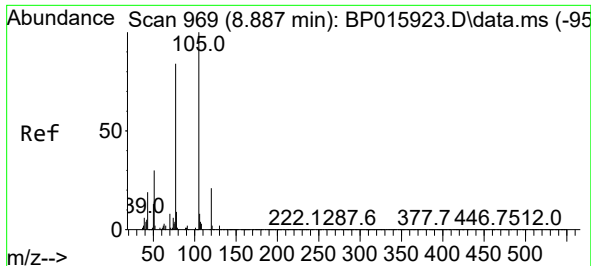
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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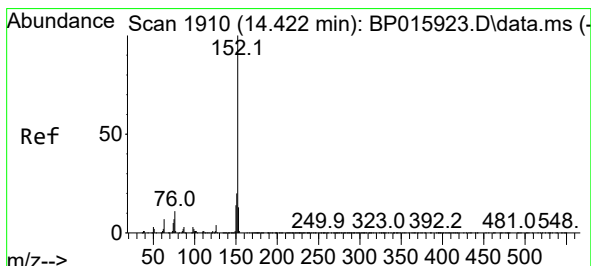
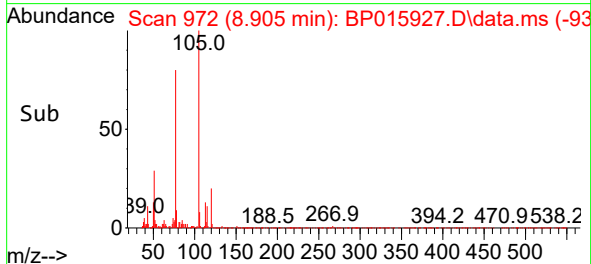
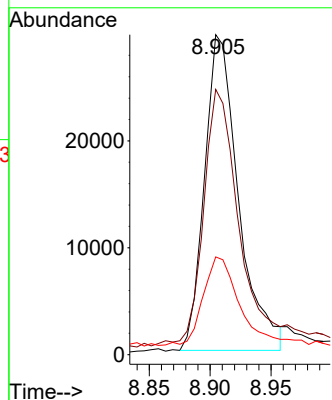
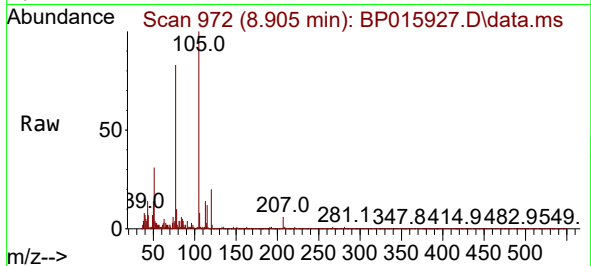




#16
Acetophenone
Concen: 2.101 ng/ul
RT: 8.905 min Scan# 91
Delta R.T. 0.018 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52

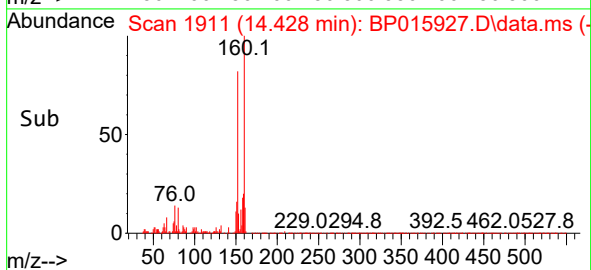
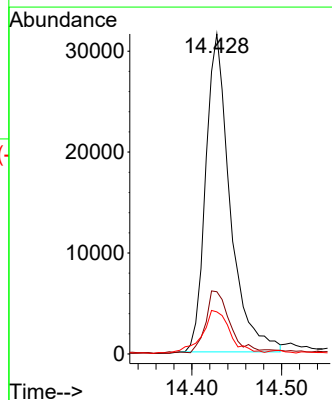
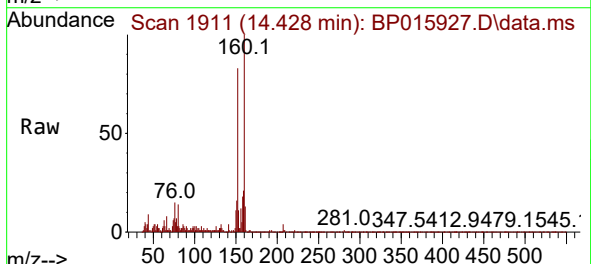
Instrument :
BNA_P
ClientSampleId :

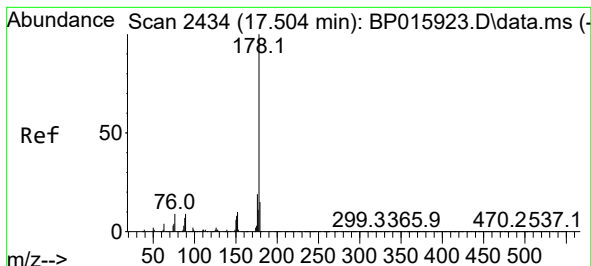
Tgt Ion:105 Resp: 57347
Ion Ratio Lower Upper
105 100
77 82.9 65.0 97.4
51 30.5 25.1 37.7



#50
Acenaphthylene
Concen: 1.028 ng/ul
RT: 14.428 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52

Tgt Ion:152 Resp: 59587
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 13.1 10.5 15.7





#72

Phenanthrene

Concen: 8.532 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. 0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

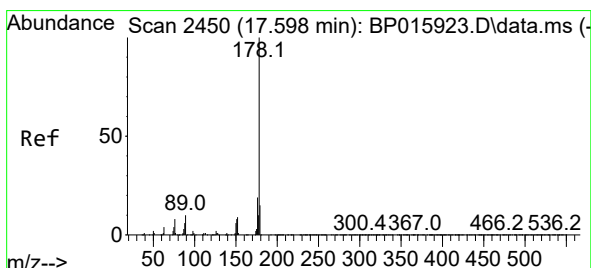
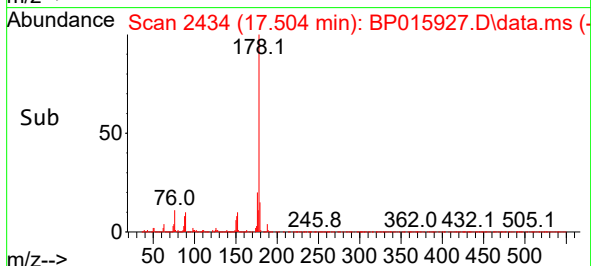
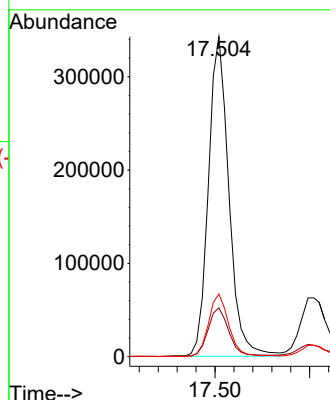
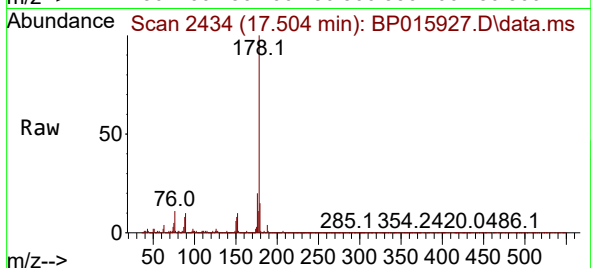
Tgt Ion:178 Resp: 514938

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.6 15.6 23.4



#74

Anthracene

Concen: 8.492 ng/ul

RT: 17.504 min Scan# 2434

Delta R.T. -0.094 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

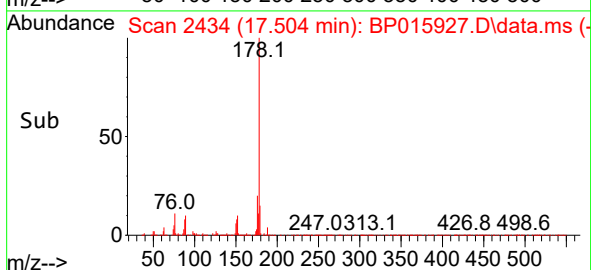
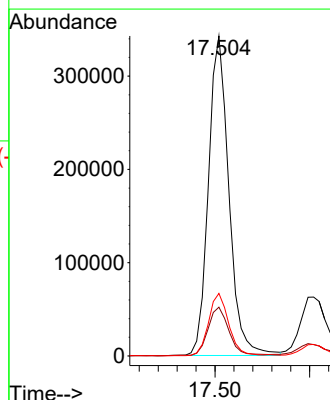
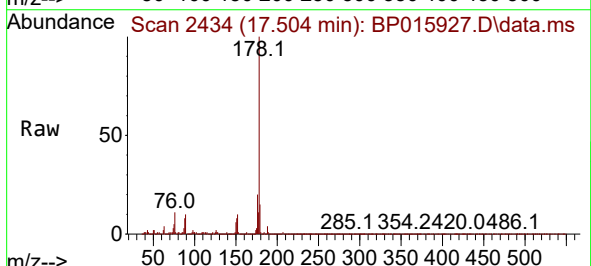
Tgt Ion:178 Resp: 514957

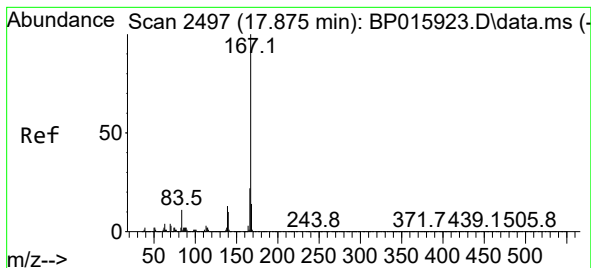
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.6 14.6 22.0





#77

Carbazole

Concen: 1.538 ng/ul

RT: 17.892 min Scan# 2497

Delta R.T. 0.018 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

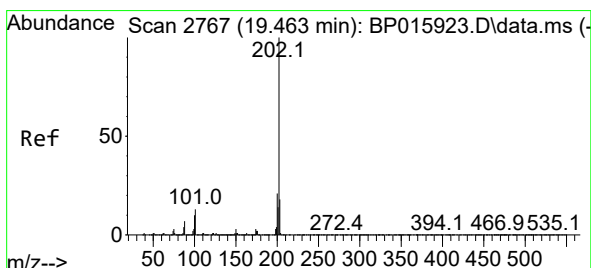
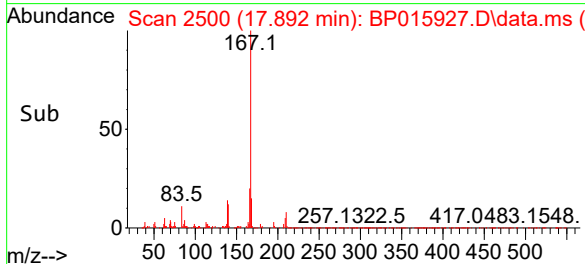
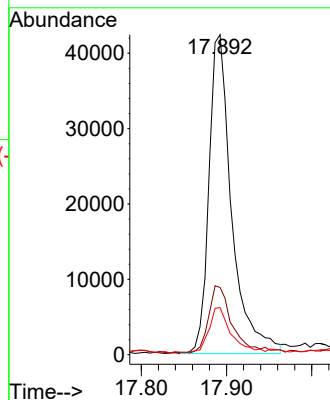
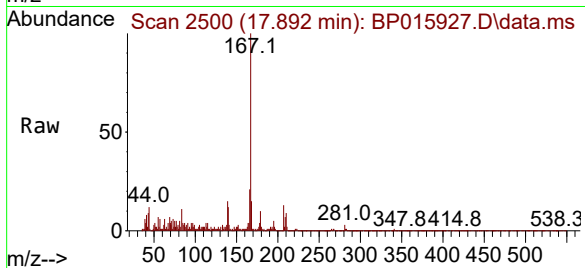
Tgt Ion:167 Resp: 78589

Ion Ratio Lower Upper

167 100

166 21.0 17.4 26.0

139 14.7 11.0 16.4



#80

Fluoranthene

Concen: 21.130 ng/ul

RT: 19.463 min Scan# 2767

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

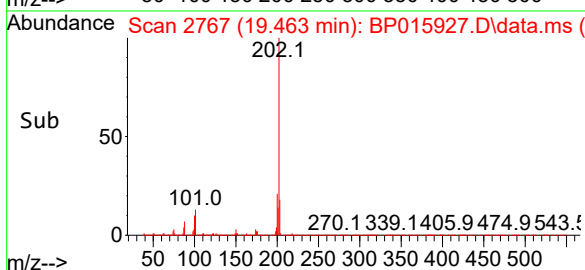
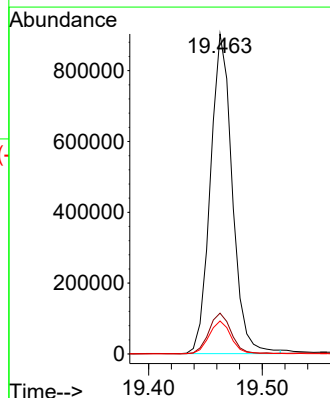
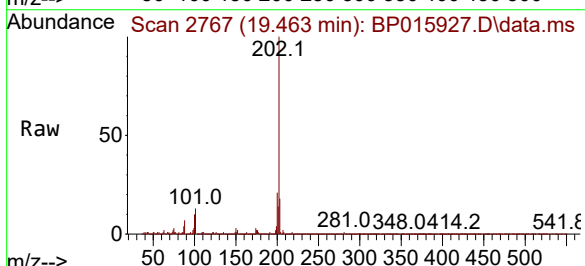
Tgt Ion:202 Resp: 1209697

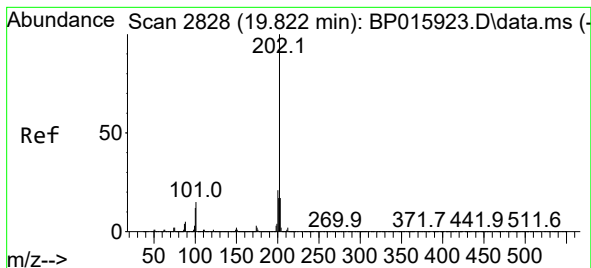
Ion Ratio Lower Upper

202 100

101 12.7 8.3 12.5#

100 10.3 6.6 9.8#





#82

Pyrene

Concen: 15.922 ng/ul

RT: 19.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

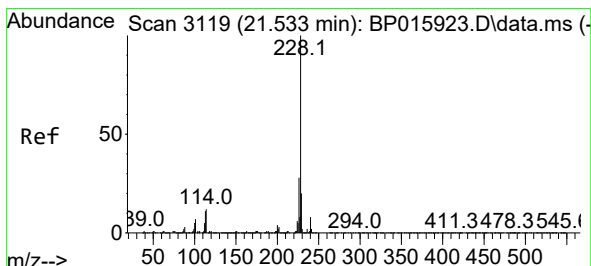
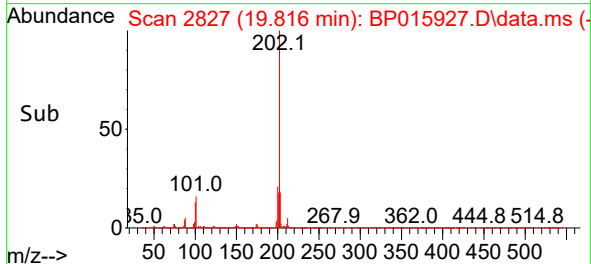
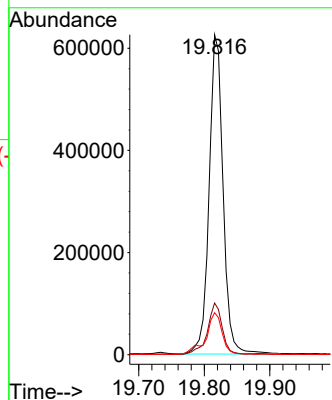
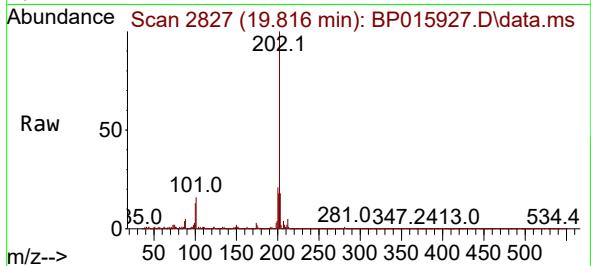
Tgt Ion:202 Resp: 929795

Ion Ratio Lower Upper

202 100

101 16.2 9.3 13.9#

100 13.1 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 10.807 ng/ul

RT: 21.533 min Scan# 3119

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

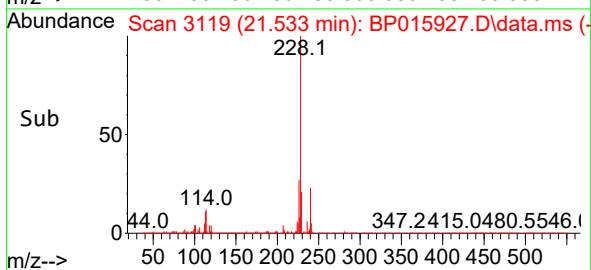
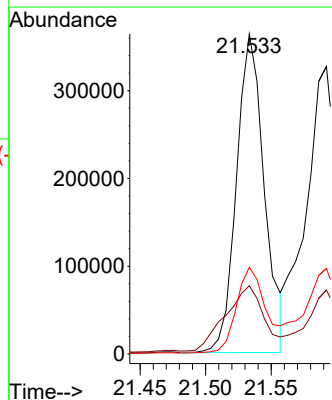
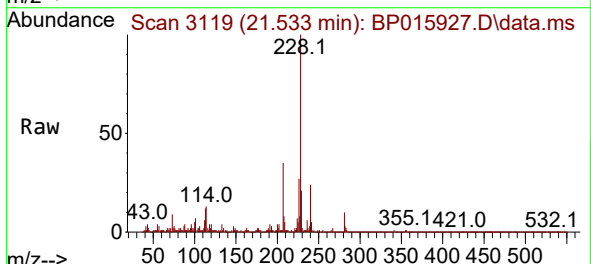
Tgt Ion:228 Resp: 536304

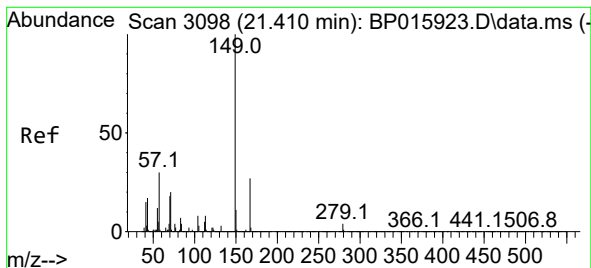
Ion Ratio Lower Upper

228 100

229 21.3 15.3 22.9

226 27.1 21.4 32.0

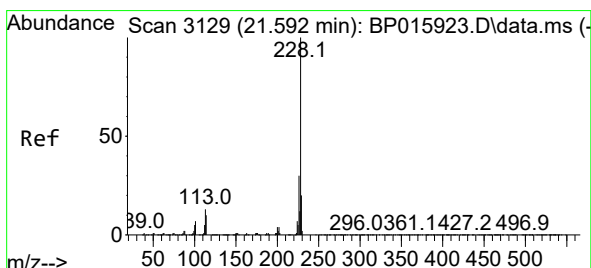
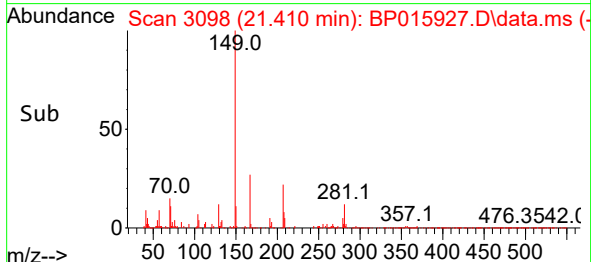
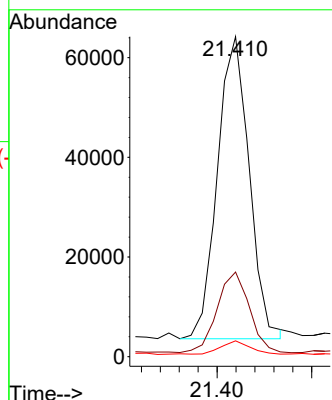
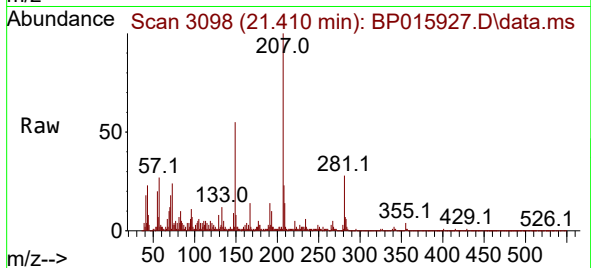




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 2.154 ng/ul
 RT: 21.410 min Scan# 3098
 Delta R.T. 0.000 min
 Lab File: BP015927.D
 Acq: 02 Jul 2023 16:52

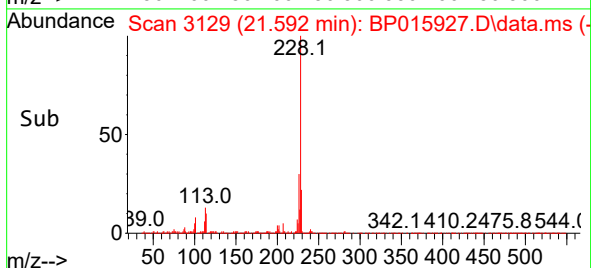
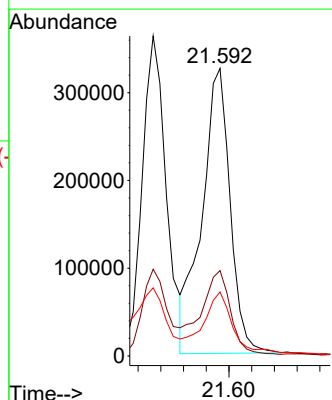
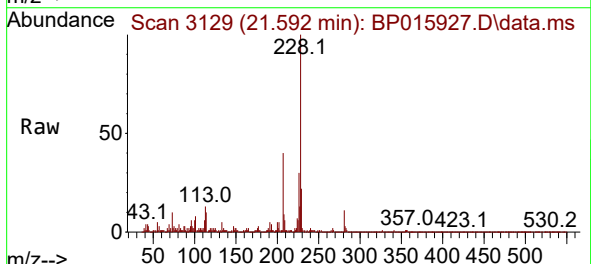
Instrument :
 BNA_P
 ClientSampleId :

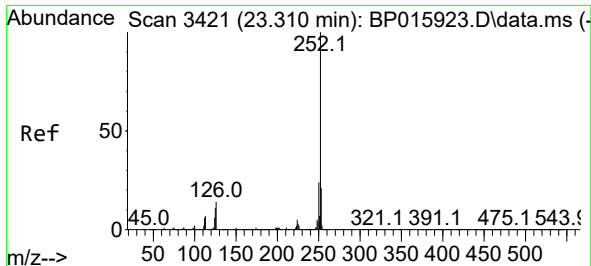
Tgt Ion:149 Resp: 70522
 Ion Ratio Lower Upper
 149 100
 167 26.5 21.0 31.6
 279 5.0 3.8 5.6



#87
 Chrysene
 Concen: 11.929 ng/ul
 RT: 21.592 min Scan# 3129
 Delta R.T. 0.006 min
 Lab File: BP015927.D
 Acq: 02 Jul 2023 16:52

Tgt Ion:228 Resp: 561640
 Ion Ratio Lower Upper
 228 100
 226 29.7 24.3 36.5
 229 22.3 15.5 23.3

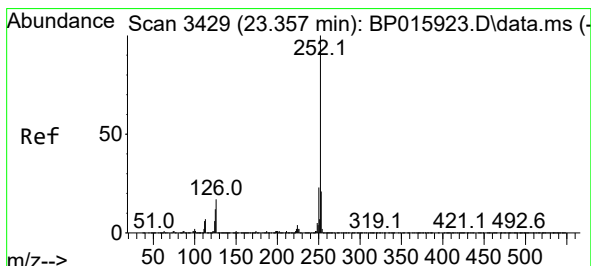
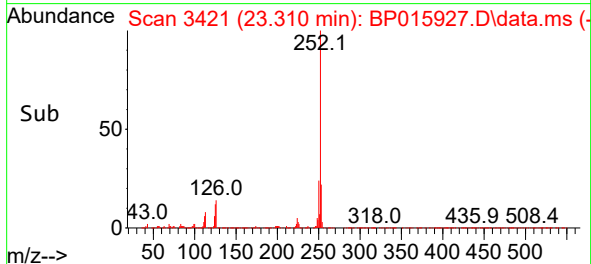
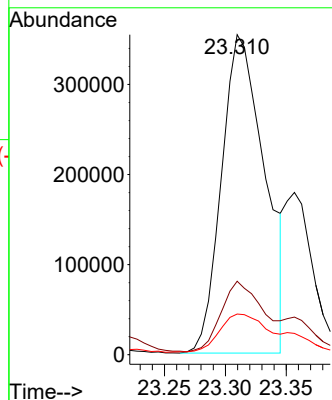
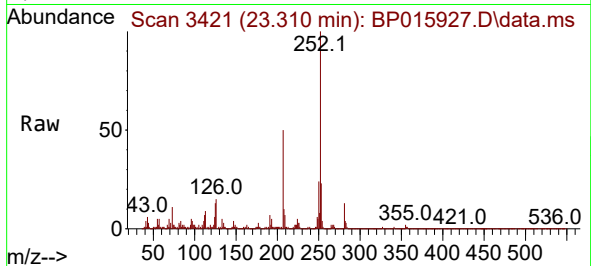




#90
Benzo(b)fluoranthene
Concen: 16.057 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. 0.000 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52

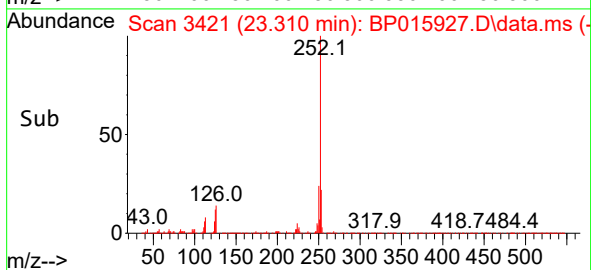
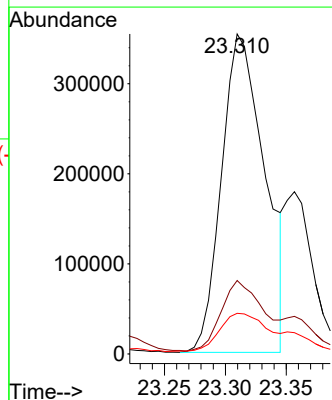
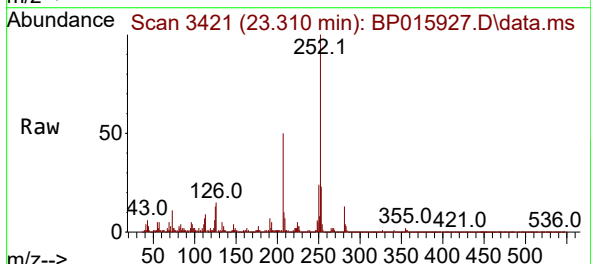
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BNA_P
ClientSampleId :

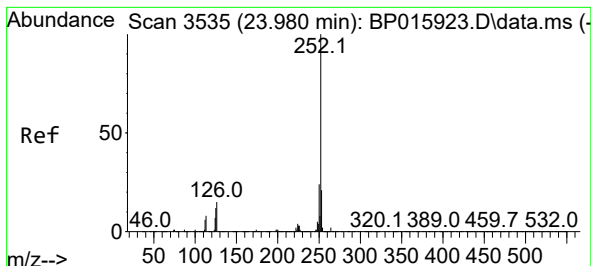
Tgt Ion:252 Resp: 871268
Ion Ratio Lower Upper
252 100
253 23.0 17.3 25.9
125 12.7 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 15.893 ng/ul
RT: 23.310 min Scan# 3421
Delta R.T. -0.047 min
Lab File: BP015927.D
Acq: 02 Jul 2023 16:52

Tgt Ion:252 Resp: 871268
Ion Ratio Lower Upper
252 100
253 23.0 17.0 25.4
125 12.7 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 11.311 ng/ul

RT: 23.980 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

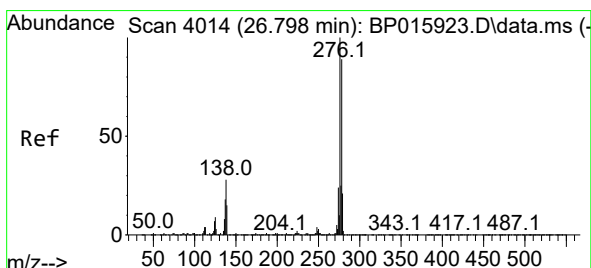
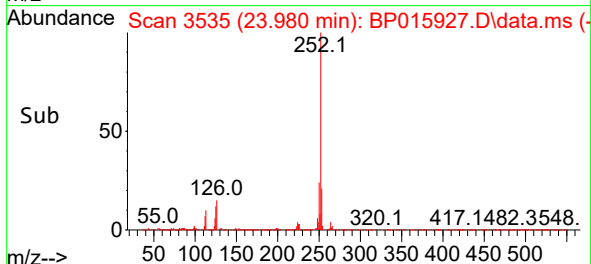
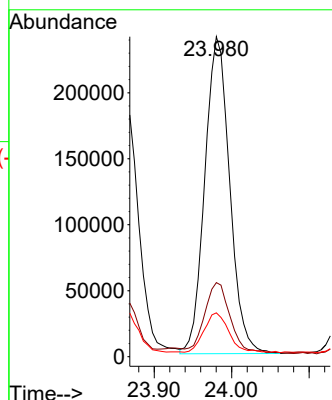
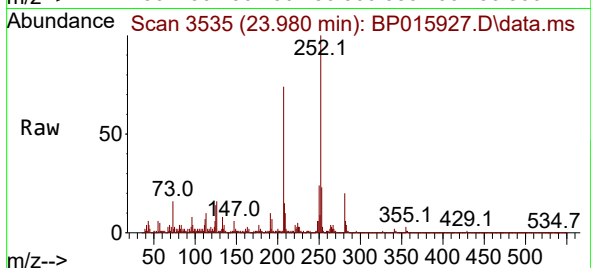
Tgt Ion:252 Resp: 536296

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 13.7 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.669 ng/ul

RT: 26.792 min Scan# 4013

Delta R.T. 0.000 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

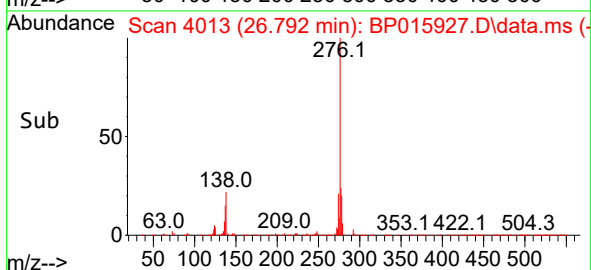
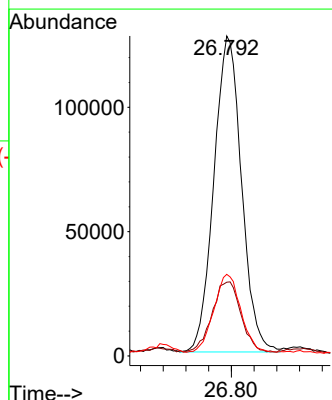
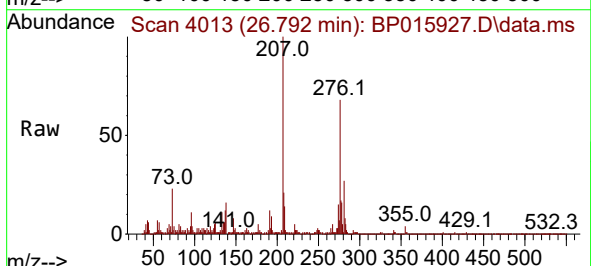
Tgt Ion:276 Resp: 429238

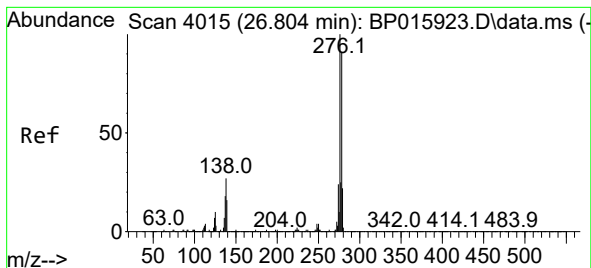
Ion Ratio Lower Upper

276 100

138 23.1 15.7 23.5

277 25.5 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 2.247 ng/ul

RT: 26.792 min Scan# 4015

Delta R.T. -0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Instrument :

BNA_P

ClientSampleId :

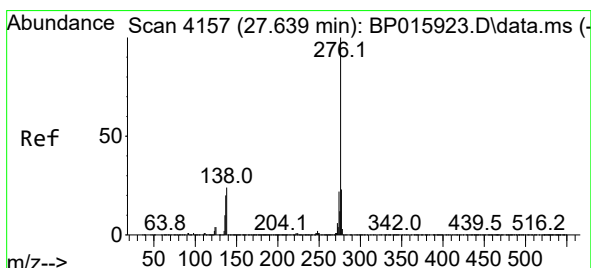
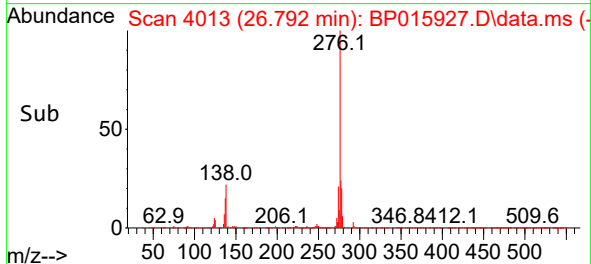
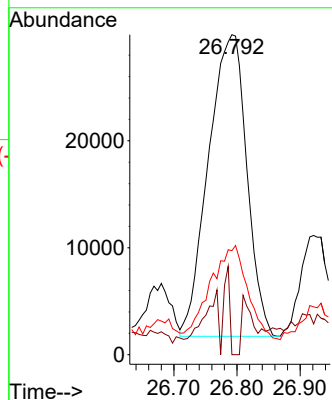
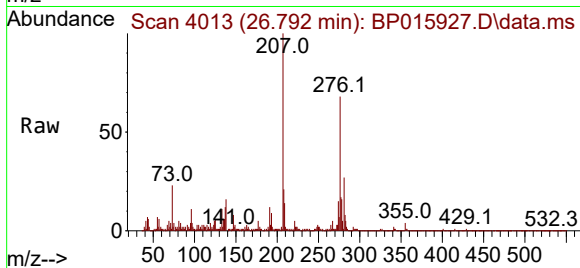
Tgt Ion:278 Resp: 118792

Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

279 32.5 18.4 27.6#



#96

Benzo(g,h,i)perylene

Concen: 7.279 ng/ul

RT: 27.633 min Scan# 4156

Delta R.T. 0.006 min

Lab File: BP015927.D

Acq: 02 Jul 2023 16:52

Tgt Ion:276 Resp: 385419

Ion Ratio Lower Upper

276 100

138 23.9 15.1 22.7#

277 25.1 18.8 28.2

