

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051923\
 Data File : BP015180.D
 Acq On : 19 May 2023 19:17
 Operator : CG/JU
 Sample : 02664-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 JREB1

Quant Time: May 19 22:13:53 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)

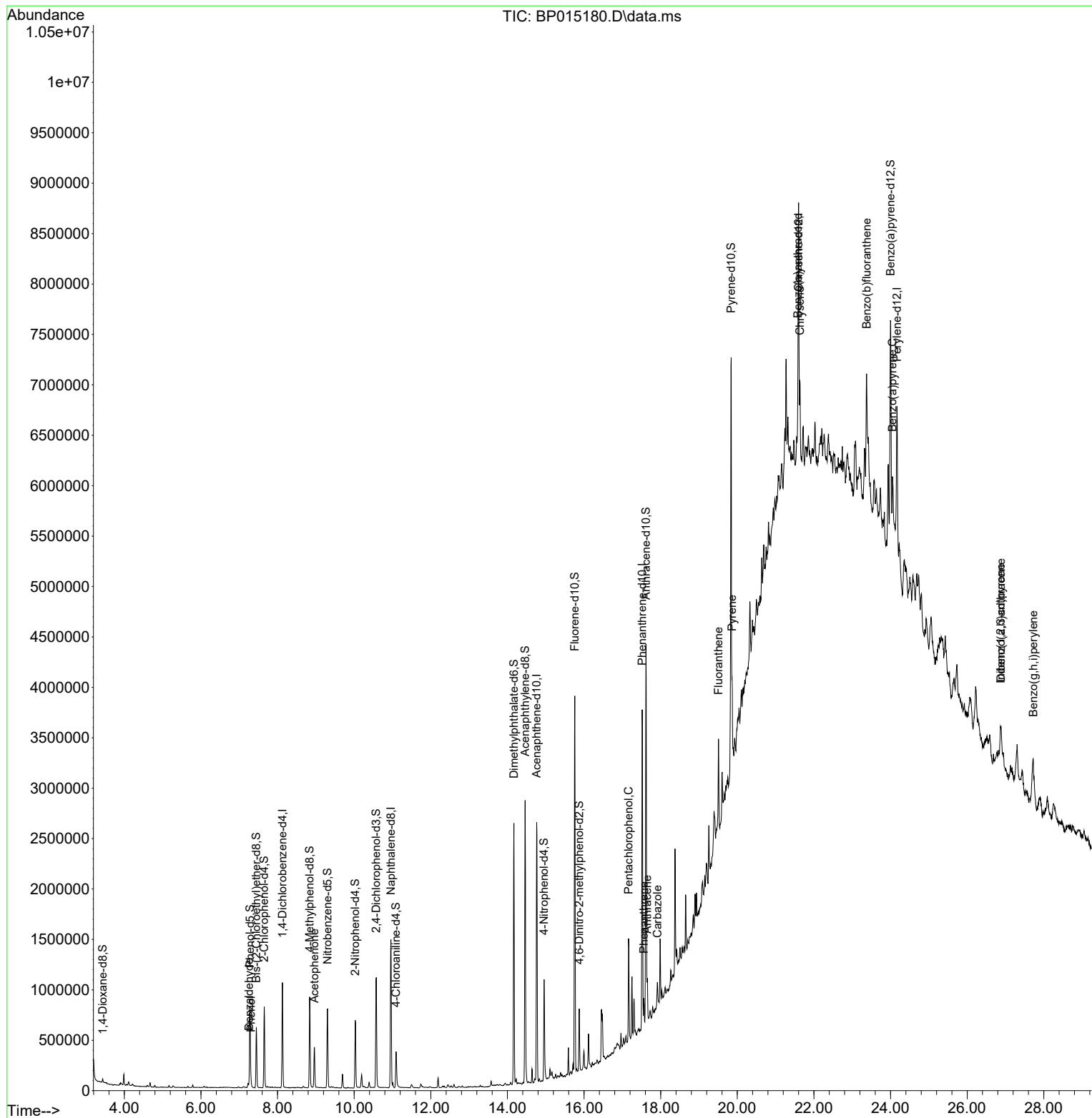
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.128	152	274795	20.000	ng/ul	0.00
20) Naphthalene-d8	10.957	136	1216307	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.763	164	879481	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.516	188	1842368	20.000	ng/ul	0.00
79) Chrysene-d12	21.598	240	1258972	20.000	ng/ul	0.00
88) Perylene-d12	24.168	264	1317131	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	17755	2.510	ng/uL	0.00
4) Pyridine-d5	3.875	84	681	0.034	ng/ul	0.00
7) Phenol-d5	7.281	99	459981	18.029	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.446	67	258144	17.518	ng/ul	0.00
11) 2-Chlorophenol-d4	7.652	132	362329	19.315	ng/ul	0.00
15) 4-Methylphenol-d8	8.840	113	347335	17.084	ng/ul	0.00
21) Nitrobenzene-d5	9.304	128	195849	20.491	ng/ul	0.00
24) 2-Nitrophenol-d4	10.028	143	221779	20.854	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	423253	22.056	ng/ul	0.00
31) 4-Chloroaniline-d4	11.093	131	221392	7.797	ng/ul	0.00
46) Dimethylphthalate-d6	14.169	166	1580335	23.779	ng/ul	0.00
49) Acenaphthylene-d8	14.463	160	1847503	24.306	ng/ul	0.00
54) 4-Nitrophenol-d4	14.957	143	260101	20.155	ng/ul	0.00
60) Fluorene-d10	15.757	176	1419913	25.320	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	123602	10.645	ng/ul	0.00
73) Anthracene-d10	17.616	188	2153626	25.528	ng/ul	0.00
81) Pyrene-d10	19.839	212	2228670	30.522	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.998	264	1677474	25.656	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.257	77	10913	1.556	ng/ul	87
8) Phenol	7.305	94	35297	1.349	ng/ul#	91
16) Acetophenone	8.963	105	221577	6.983	ng/ul	100
71) Pentachlorophenol	17.163	266	178163	12.701	ng/ul	99
72) Phenanthrene	17.557	178	150761	1.503	ng/ul	96
74) Anthracene	17.651	178	246332	2.428	ng/ul	99
77) Carbazole	17.916	167	109251	1.228	ng/ul#	94
80) Fluoranthene	19.510	202	492175	5.530	ng/ul	98
82) Pyrene	19.863	202	490900	5.341	ng/ul	99
85) Benzo(a)anthracene	21.580	228	260786	2.996	ng/ul#	86
87) Chrysene	21.633	228	412558	4.958	ng/ul#	95
90) Benzo(b)fluoranthene	23.374	252	1047427	12.544	ng/ul#	88
93) Benzo(a)pyrene	24.051	252	262328	3.554	ng/ul#	63
94) Indeno(1,2,3-cd)pyrene	26.874	276	452191	4.732	ng/ul	98
95) Dibenzo(a,h)anthracene	26.880	278	101386	1.292	ng/ul#	53
96) Benzo(g,h,i)perylene	27.727	276	566079	7.264	ng/ul	95

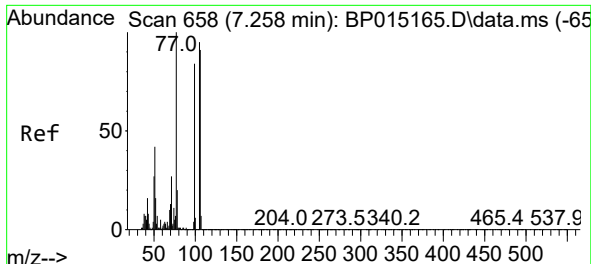
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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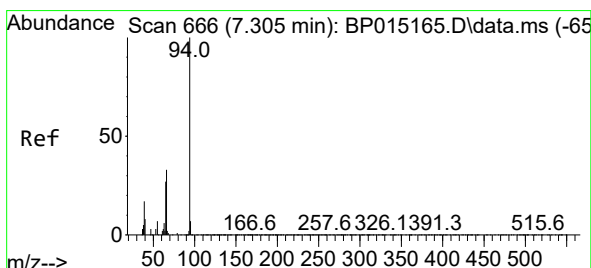
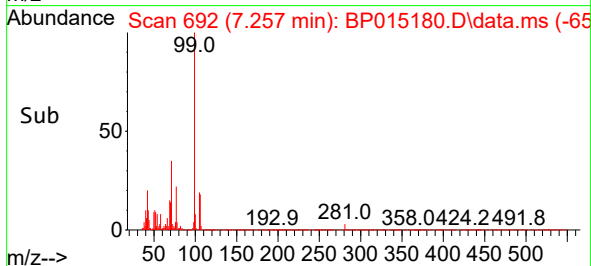
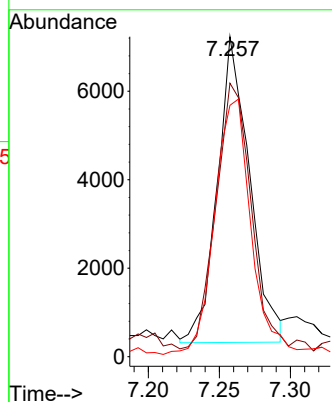
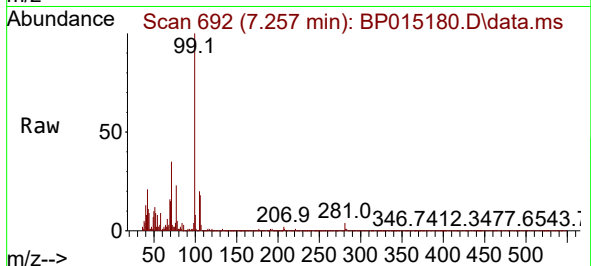




#6
Benzaldehyde
Concen: 1.556 ng/ul
RT: 7.257 min Scan# 692
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

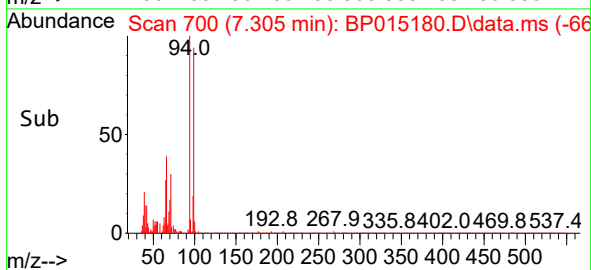
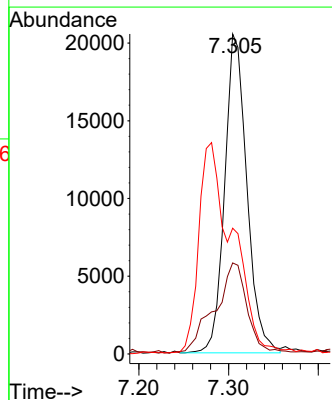
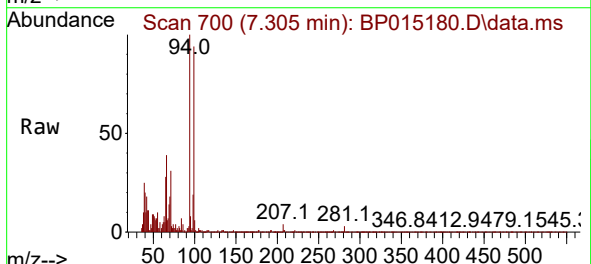
Instrument :
BNA_P
ClientSampleId :
JREB1

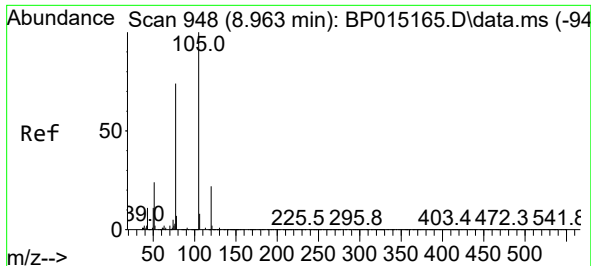
Tgt Ion: 77 Resp: 10913
Ion Ratio Lower Upper
77 100
105 85.5 76.9 115.3
106 78.5 75.0 112.6



#8
Phenol
Concen: 1.349 ng/ul
RT: 7.305 min Scan# 700
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Tgt Ion: 94 Resp: 35297
Ion Ratio Lower Upper
94 100
65 28.4 20.6 31.0
66 39.3 26.1 39.1#

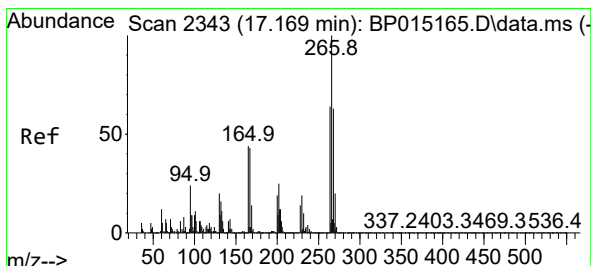
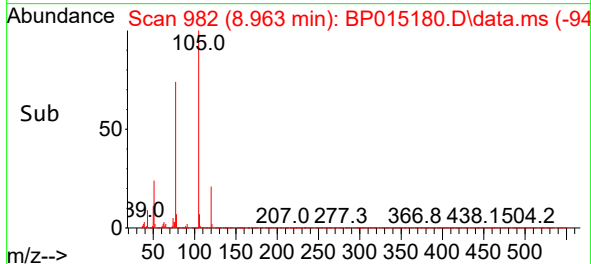
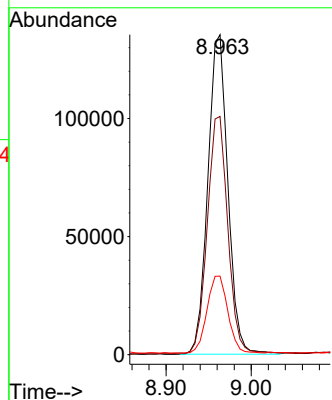
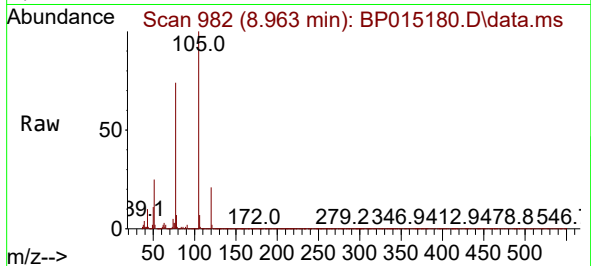




#16
Acetophenone
Concen: 6.983 ng/ul
RT: 8.963 min Scan# 948
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

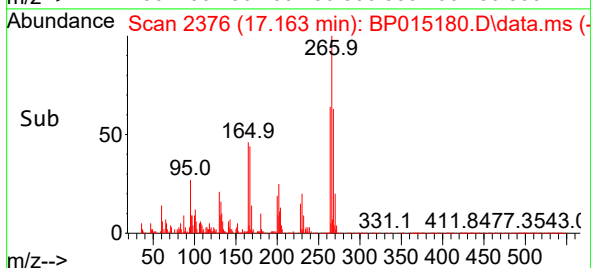
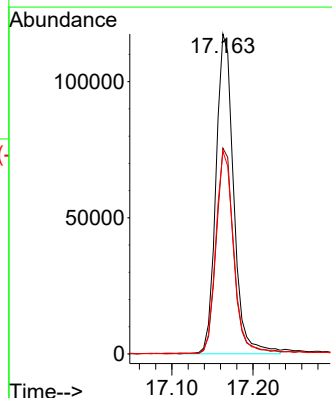
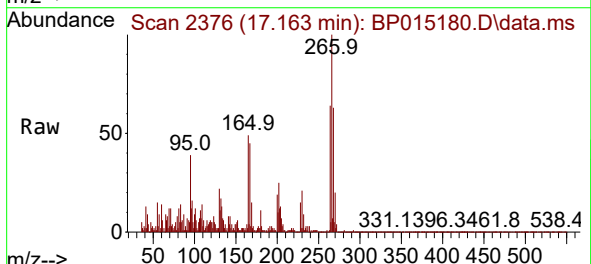
Instrument :
BNA_P
ClientSampleId :
JREB1

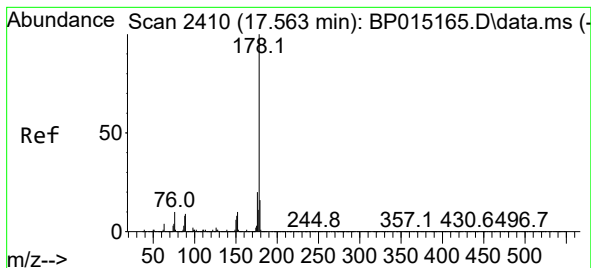
Tgt Ion:105 Resp: 221577
Ion Ratio Lower Upper
105 100
77 74.5 59.4 89.2
51 24.6 19.2 28.8



#71
Pentachlorophenol
Concen: 12.701 ng/ul
RT: 17.163 min Scan# 2376
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Tgt Ion:266 Resp: 178163
Ion Ratio Lower Upper
266 100
264 64.3 51.0 76.4
268 63.4 51.8 77.6





#72

Phenanthrene

Concen: 1.503 ng/ul

RT: 17.557 min Scan# 2410

Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

JREB1

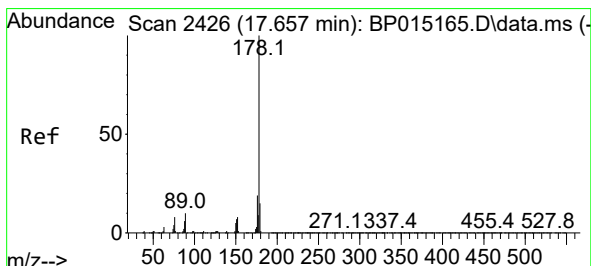
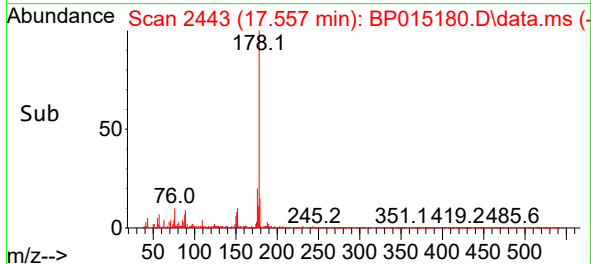
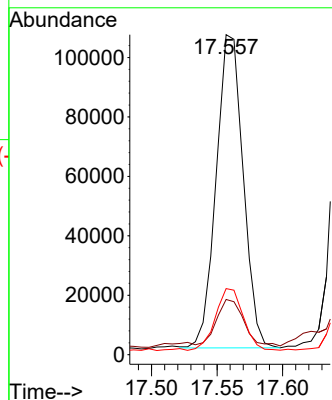
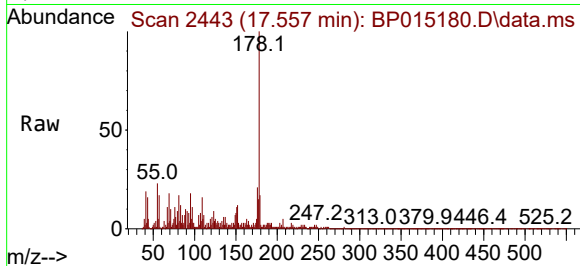
Tgt Ion:178 Resp: 150761

Ion Ratio Lower Upper

178 100

179 17.2 12.2 18.2

176 20.6 15.6 23.4



#74

Anthracene

Concen: 2.428 ng/ul

RT: 17.651 min Scan# 2459

Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

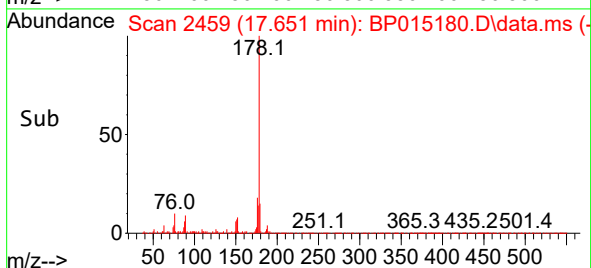
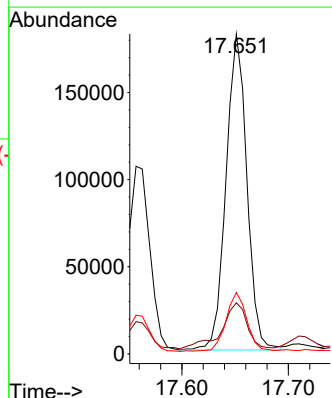
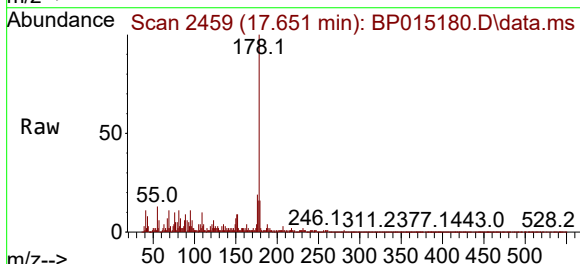
Tgt Ion:178 Resp: 246332

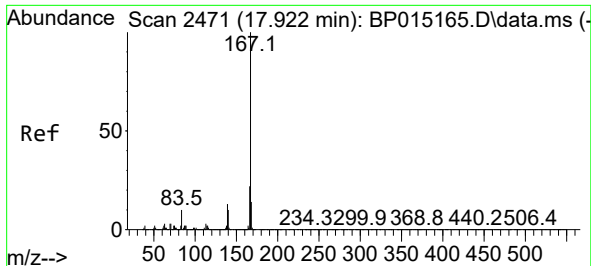
Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.2

176 19.2 15.2 22.8

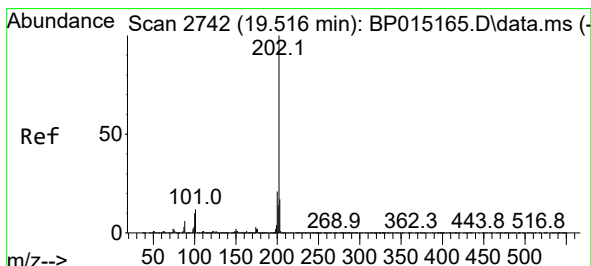
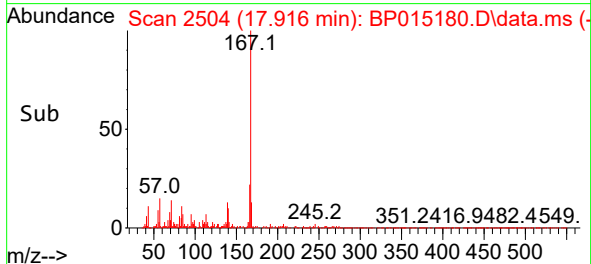
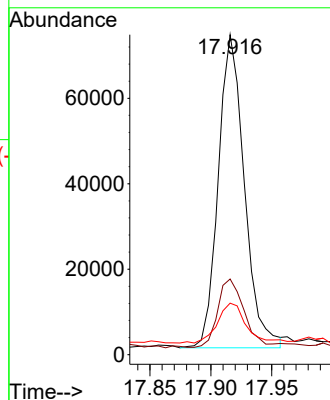
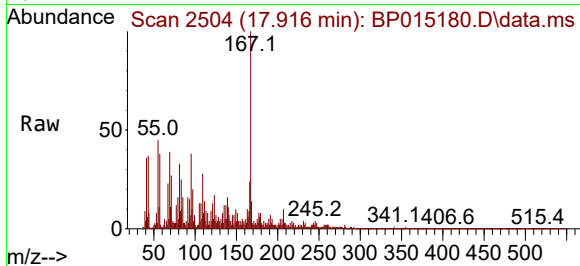




#77
 Carbazole
 Concen: 1.228 ng/ul
 RT: 17.916 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

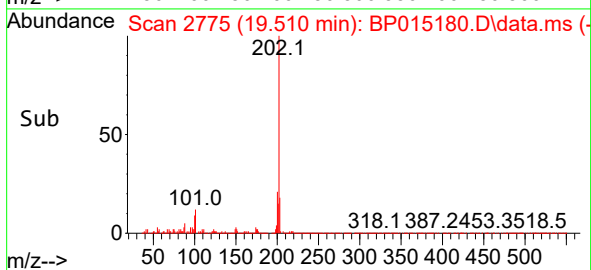
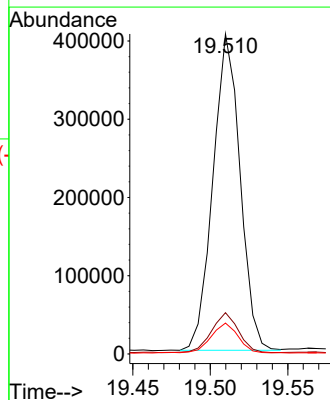
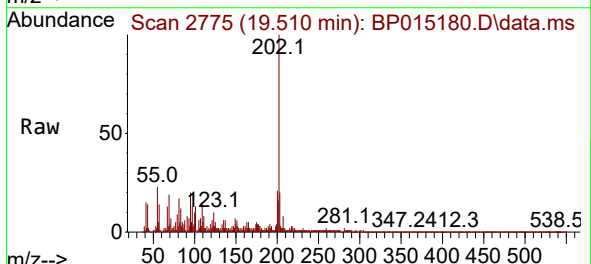
Instrument :
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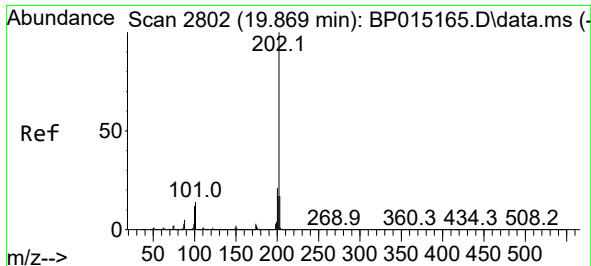
Tgt Ion:167 Resp: 109251
 Ion Ratio Lower Upper
 167 100
 166 23.6 17.4 26.2
 139 16.1 10.2 15.4#



#80
 Fluoranthene
 Concen: 5.530 ng/ul
 RT: 19.510 min Scan# 2775
 Delta R.T. -0.000 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

Tgt Ion:202 Resp: 492175
 Ion Ratio Lower Upper
 202 100
 101 12.9 9.5 14.3
 100 9.7 7.3 10.9

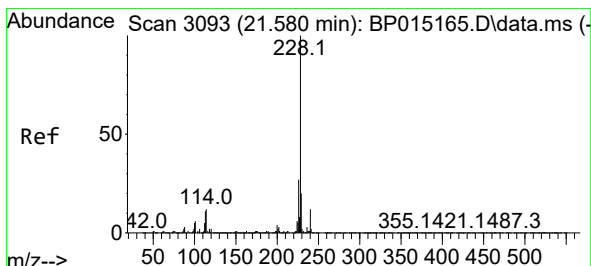
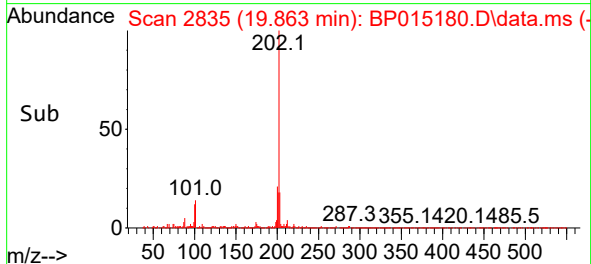
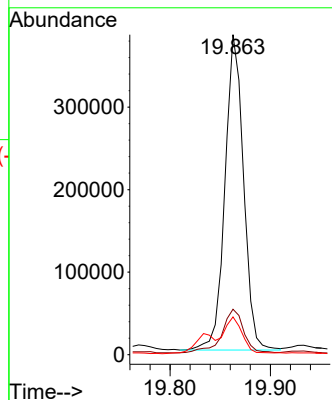
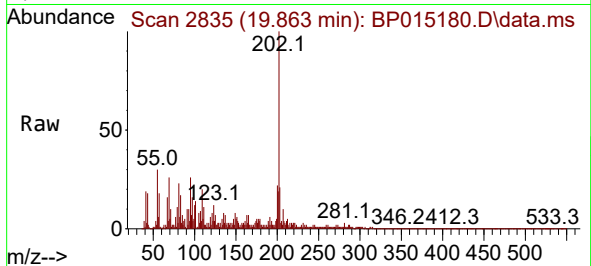




#82
 Pyrene
 Concen: 5.341 ng/ul
 RT: 19.863 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

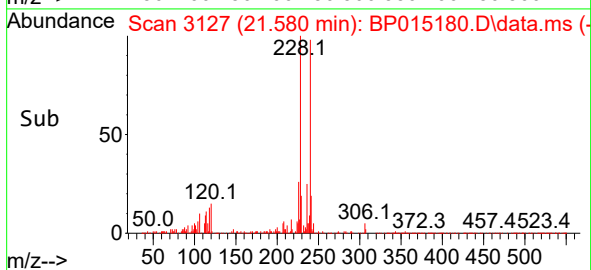
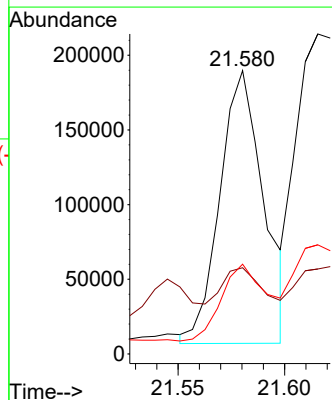
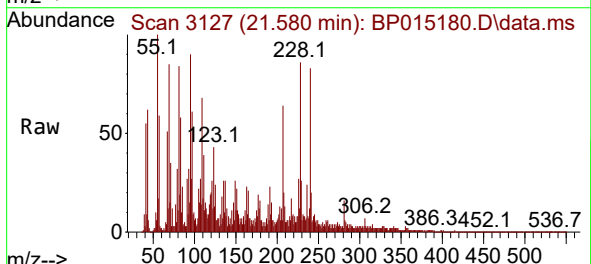
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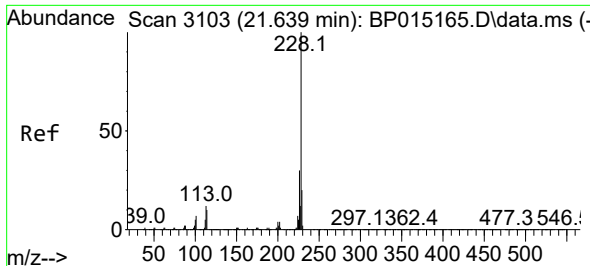
Tgt Ion:202 Resp: 490900
 Ion Ratio Lower Upper
 202 100
 101 14.2 11.2 16.8
 100 11.8 9.0 13.6



#85
 Benzo(a)anthracene
 Concen: 2.996 ng/ul
 RT: 21.580 min Scan# 3127
 Delta R.T. -0.000 min
 Lab File: BP015180.D
 Acq: 19 May 2023 19:17

Tgt Ion:228 Resp: 260786
 Ion Ratio Lower Upper
 228 100
 229 30.5 16.1 24.1#
 226 31.7 21.9 32.9

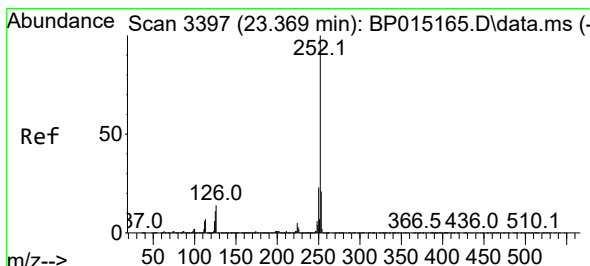
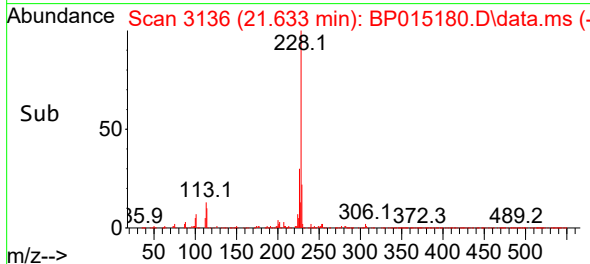
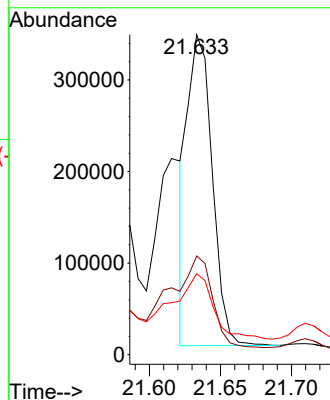
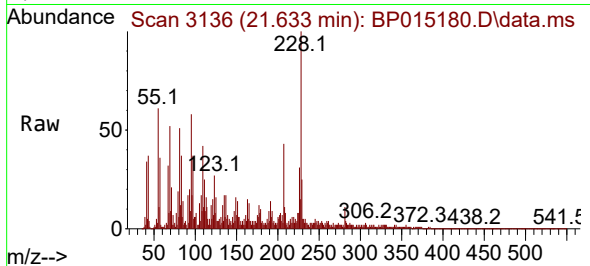




#87
Chrysene
Concen: 4.958 ng/ul
RT: 21.633 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

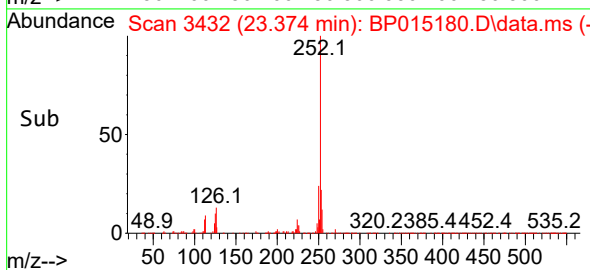
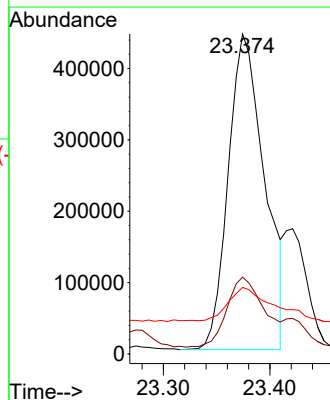
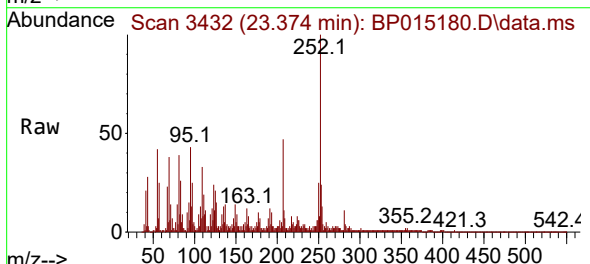
Instrument :
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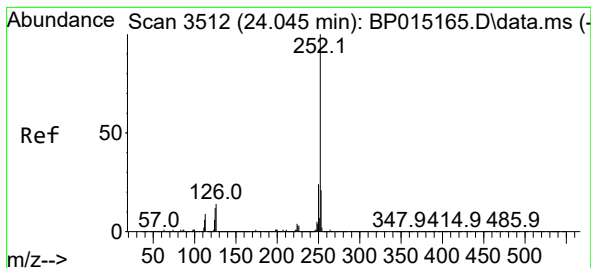
Tgt Ion:228 Resp: 412558
Ion Ratio Lower Upper
228 100
226 30.9 25.0 37.6
229 25.3 16.1 24.1#



#90
Benzo(b)fluoranthene
Concen: 12.544 ng/ul
RT: 23.374 min Scan# 3432
Delta R.T. 0.006 min
Lab File: BP015180.D
Acq: 19 May 2023 19:17

Tgt Ion:252 Resp: 1047427
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 20.8 8.3 12.5#





#93

Benzo(a)pyrene

Concen: 3.554 ng/ul

RT: 24.051 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

JREB1

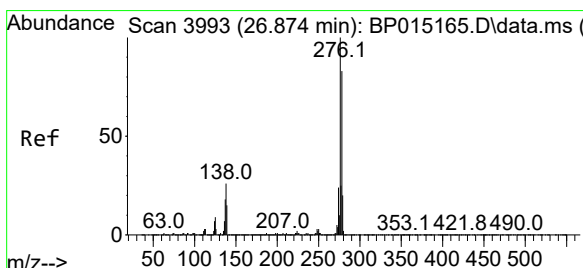
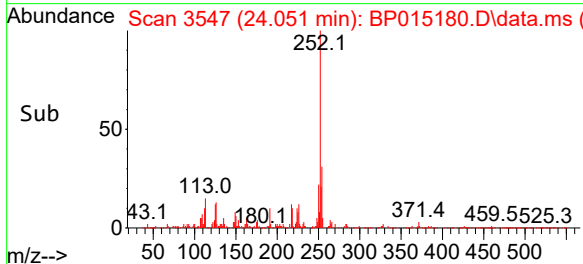
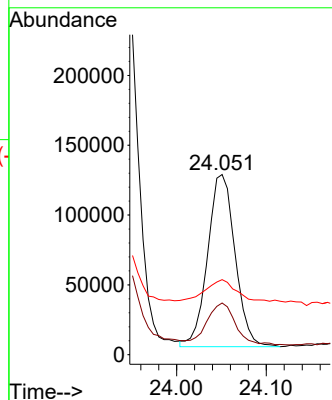
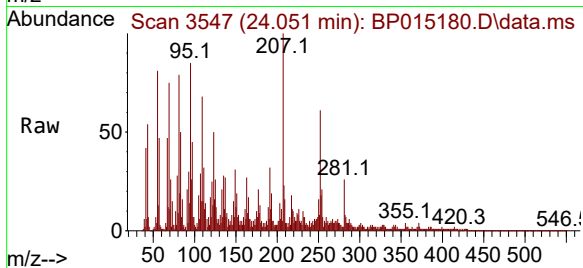
Tgt Ion:252 Resp: 262328

Ion Ratio Lower Upper

252 100

253 28.7 17.2 25.8#

125 41.7 9.1 13.7#



#94

Indeno(1,2,3-cd)pyrene

Concen: 4.732 ng/ul

RT: 26.874 min Scan# 4027

Delta R.T. 0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

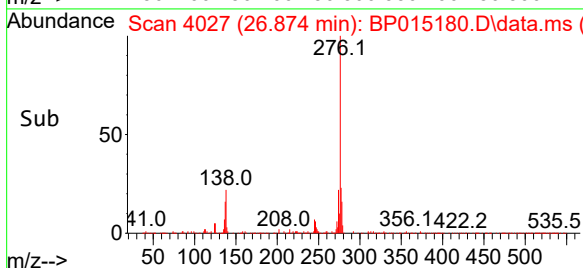
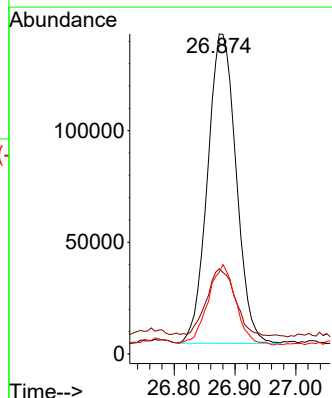
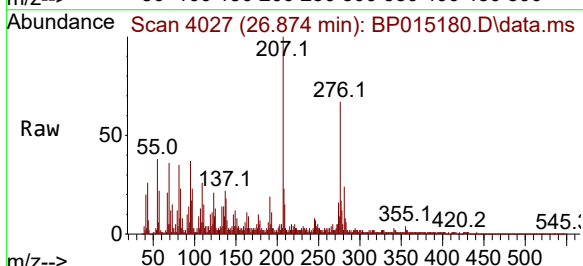
Tgt Ion:276 Resp: 452191

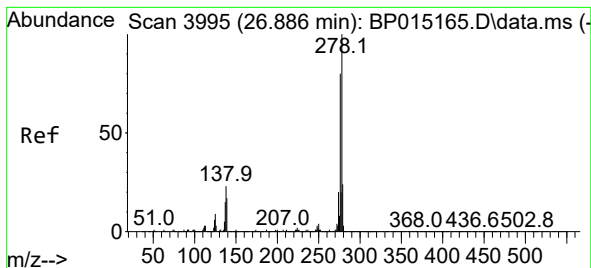
Ion Ratio Lower Upper

276 100

138 26.6 20.1 30.1

277 25.5 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 1.292 ng/ul

RT: 26.880 min Scan# 4017

Delta R.T. -0.006 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Instrument :

BNA_P

ClientSampleId :

JREB1

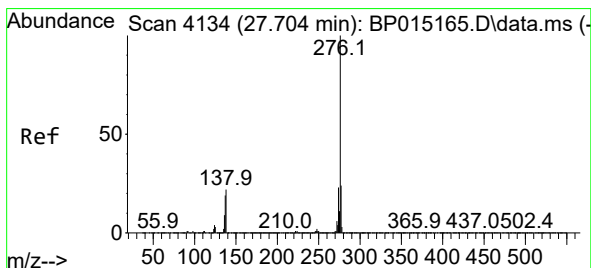
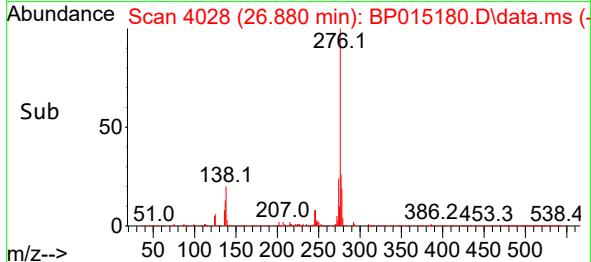
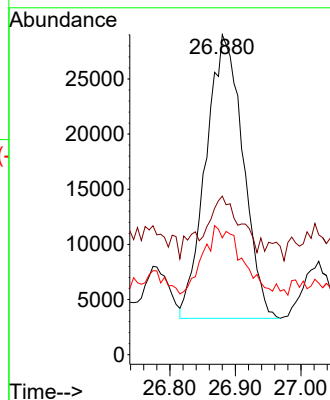
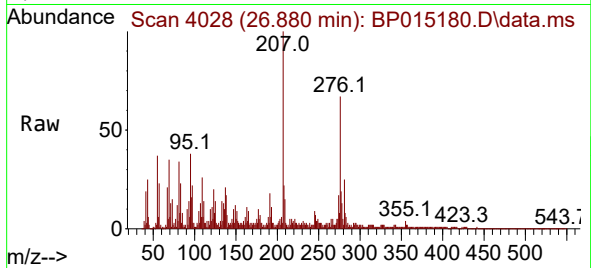
Tgt Ion:278 Resp: 101386

Ion Ratio Lower Upper

278 100

139 49.5 13.3 19.9#

279 36.5 19.1 28.7#



#96

Benzo(g,h,i)perylene

Concen: 7.264 ng/ul

RT: 27.727 min Scan# 4172

Delta R.T. 0.023 min

Lab File: BP015180.D

Acq: 19 May 2023 19:17

Tgt Ion:276 Resp: 566079

Ion Ratio Lower Upper

276 100

138 25.1 17.7 26.5

277 25.6 18.8 28.2

