

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081822\
 Data File : BP011479.D
 Acq On : 18 Aug 2022 12:54
 Operator : CG/JU
 Sample : N4173-07ME
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 18 23:14:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 17 01:58:37 2022
 Response via : Initial Calibration

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

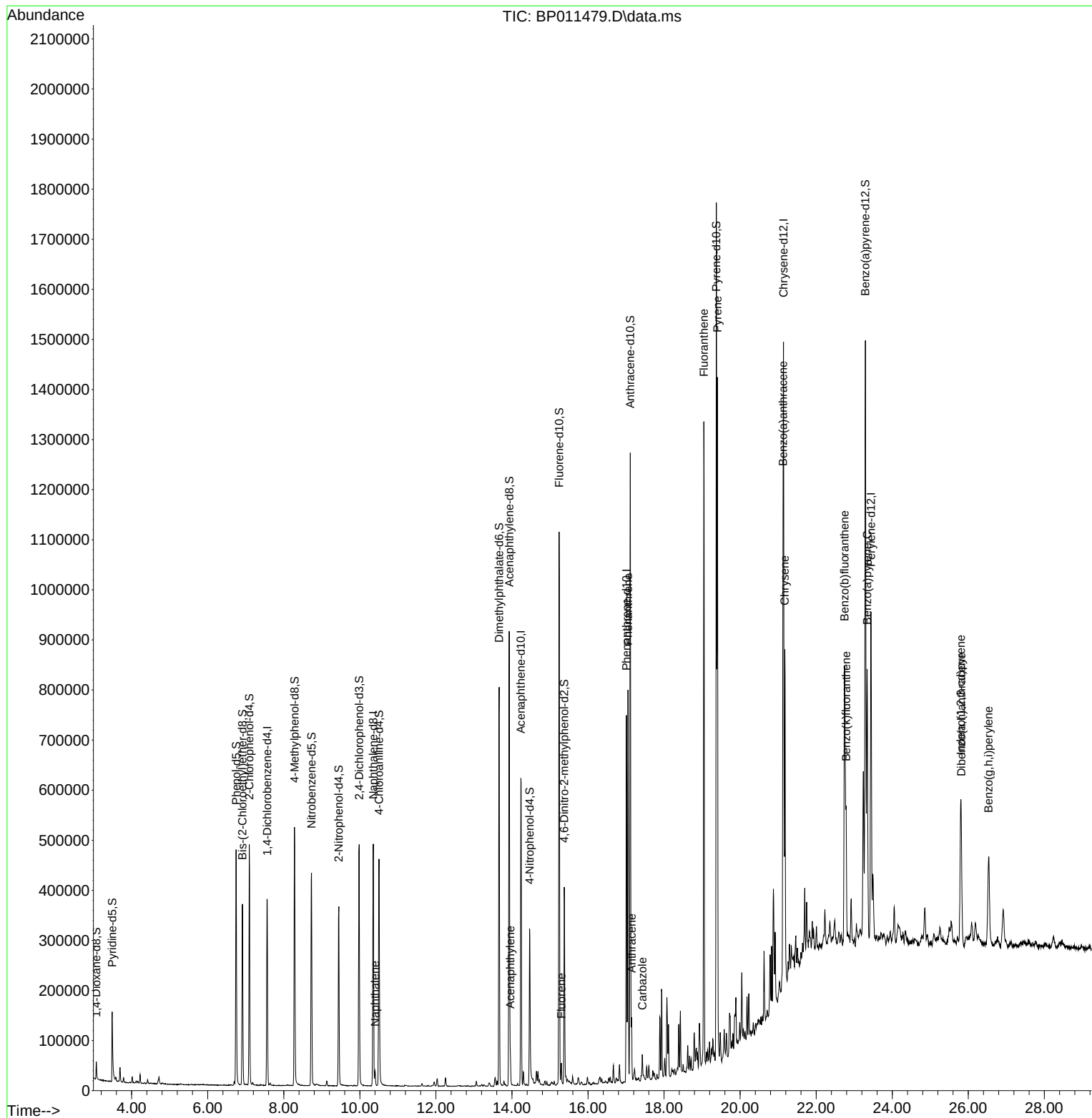
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	85291	20.000	ng/ul	0.00
20) Naphthalene-d8	10.352	136	346333	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.234	164	185630	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.010	188	363886	20.000	ng/ul	0.00
79) Chrysene-d12	21.139	240	394338	20.000	ng/ul	0.00
88) Perylene-d12	23.439	264	423186	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.070	96	14679	5.341	ng/uL	0.00
4) Pyridine-d5	3.487	84	69160	9.828	ng/ul	0.00
7) Phenol-d5	6.746	99	220683	28.156	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.911	67	148825	29.226	ng/ul	0.00
11) 2-Chlorophenol-d4	7.093	132	182595	31.675	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	172769	27.540	ng/ul	0.00
21) Nitrobenzene-d5	8.728	128	85232	34.184	ng/ul	0.00
24) 2-Nitrophenol-d4	9.446	143	86643	34.144	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.981	165	142261	30.372	ng/ul	0.00
31) 4-Chloroaniline-d4	10.504	131	212924	27.308	ng/ul	0.00
46) Dimethylphthalate-d6	13.663	166	440352	33.540	ng/ul	0.00
49) Acenaphthylene-d8	13.928	160	491699	33.696	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	64694	25.575	ng/ul	0.00
60) Fluorene-d10	15.240	176	365967	33.132	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	56144	28.554	ng/ul	0.00
73) Anthracene-d10	17.110	188	583534	36.208	ng/ul	0.00
81) Pyrene-d10	19.375	212	686978	34.433	ng/ul	0.01
92) Benzo(a)pyrene-d12	23.292	264	757328	36.790	ng/ul	0.01
Target Compounds						
					Qvalue	
30) Naphthalene	10.399	128	21178	1.158	ng/ul	98
50) Acenaphthylene	13.957	152	33233	1.917	ng/ul	96
61) Fluorene	15.298	166	15111	1.154	ng/ul	95
72) Phenanthrene	17.051	178	403054	20.464	ng/ul	98
74) Anthracene	17.145	178	65161	3.279	ng/ul	98
77) Carbazole	17.428	167	28241	1.511	ng/ul	98
80) Fluoranthene	19.045	202	640197	26.092	ng/ul	99
82) Pyrene	19.404	202	700319	27.165	ng/ul	98
85) Benzo(a)anthracene	21.127	228	309754	12.893	ng/ul	99
87) Chrysene	21.174	228	333597	14.135	ng/ul	98
90) Benzo(b)fluoranthene	22.745	252	424196	16.114	ng/ul	97
91) Benzo(k)fluoranthene	22.786	252	132032	5.256	ng/ul	99
93) Benzo(a)pyrene	23.339	252	326396	12.700	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.804	276	225345	7.861	ng/ul	97
95) Dibenzo(a,h)anthracene	25.815	278	51672	2.093	ng/ul#	79
96) Benzo(g,h,i)perylene	26.533	276	205148	8.413	ng/ul	98

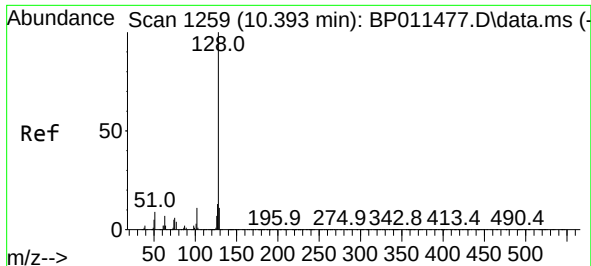
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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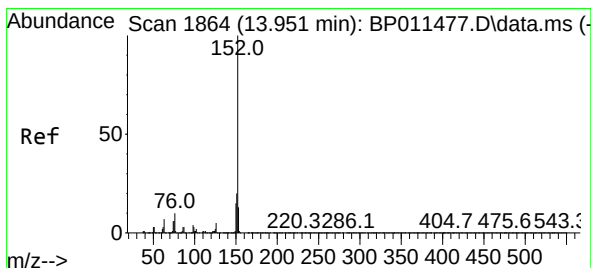
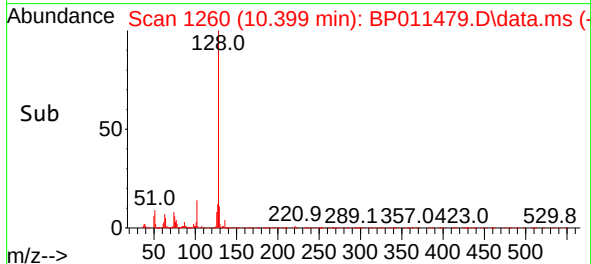
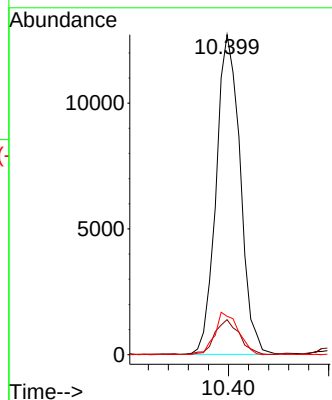
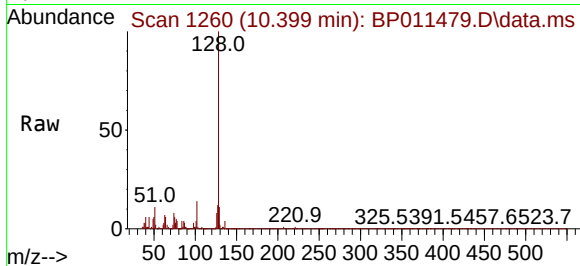




#30
Naphthalene
Concen: 1.158 ng/ul
RT: 10.399 min Scan# 1260
Delta R.T. -0.000 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

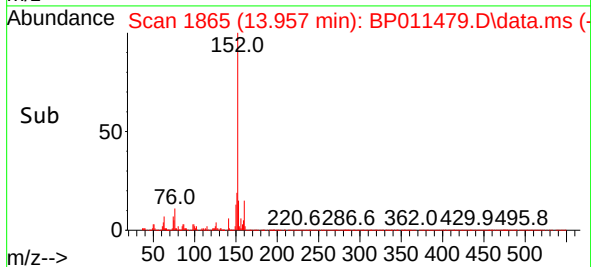
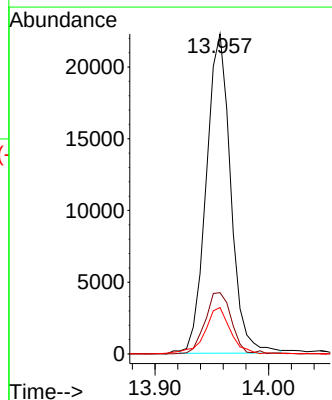
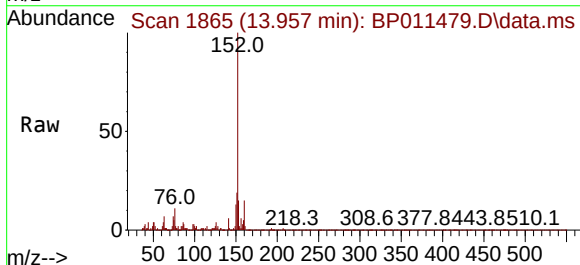
Instrument :
BNA_P
ClientSampleId :

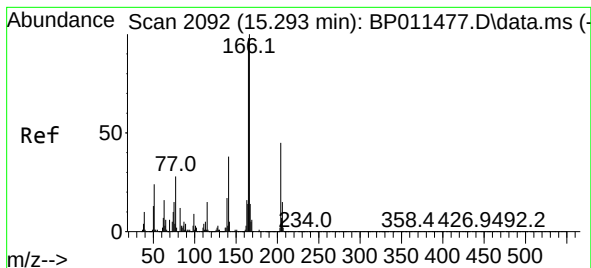
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.6
127	12.0	10.3	15.5



#50
Acenaphthylene
Concen: 1.917 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. 0.006 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.9	25.3
153	14.5	10.6	15.8





#61

Fluorene

Concen: 1.154 ng/ul

RT: 15.298 min Scan# 2092

Delta R.T. 0.006 min

Lab File: BP011479.D

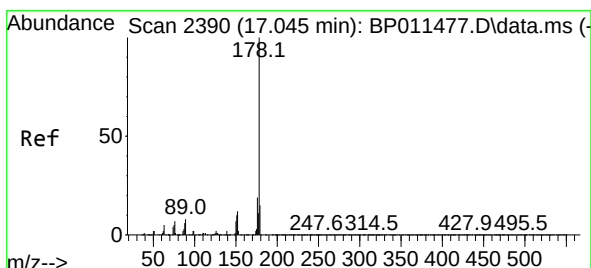
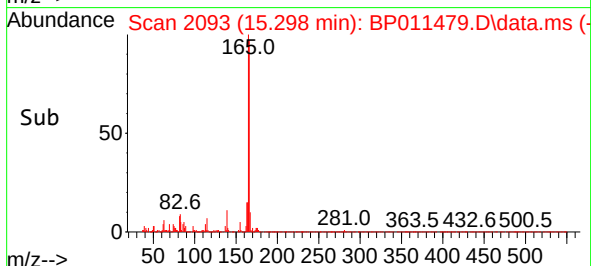
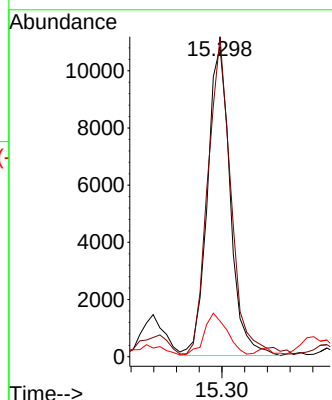
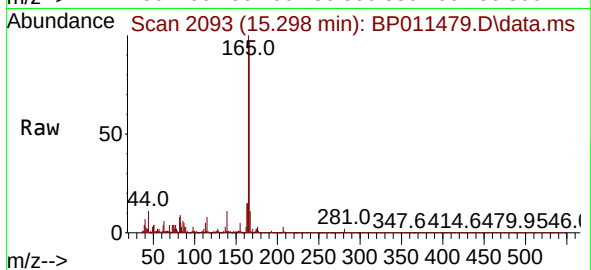
Acq: 18 Aug 2022 12:54

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	166	Resp:	15111
Ion Ratio	Lower	Upper	
166	100		
165	103.2	78.2	117.2
167	11.4	10.3	15.5



#72

Phenanthrene

Concen: 20.464 ng/ul

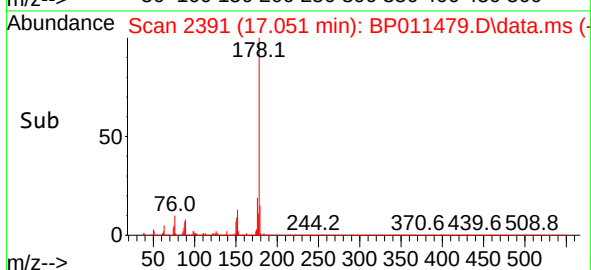
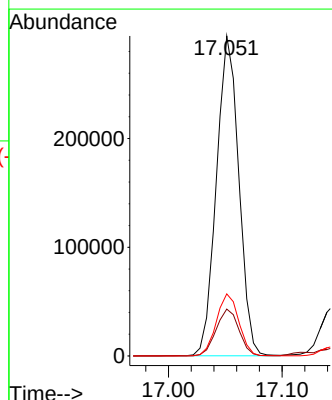
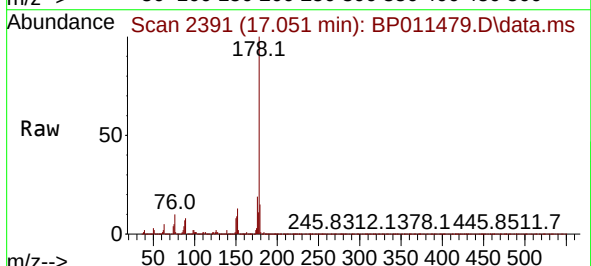
RT: 17.051 min Scan# 2391

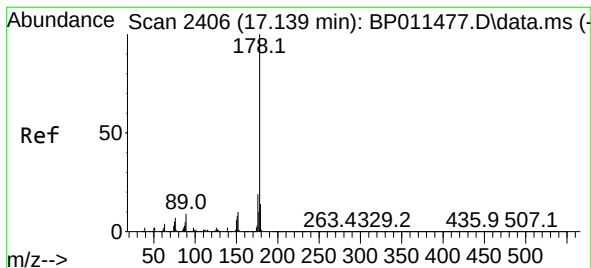
Delta R.T. 0.006 min

Lab File: BP011479.D

Acq: 18 Aug 2022 12:54

Tgt Ion:	178	Resp:	403054
Ion Ratio	Lower	Upper	
178	100		
179	14.6	12.6	18.8
176	19.4	15.8	23.8





#74

Anthracene

Concen: 3.279 ng/ul

RT: 17.145 min Scan# 2406

Delta R.T. 0.006 min

Lab File: BP011479.D

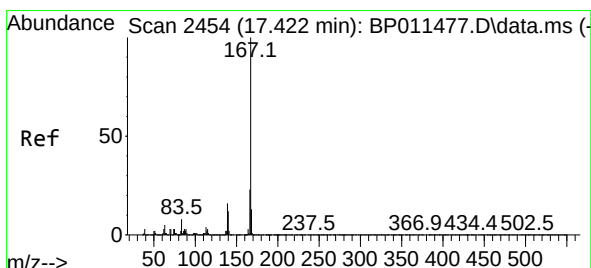
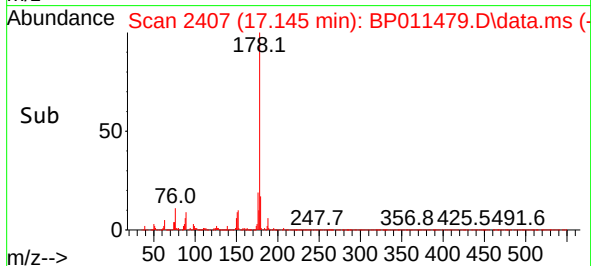
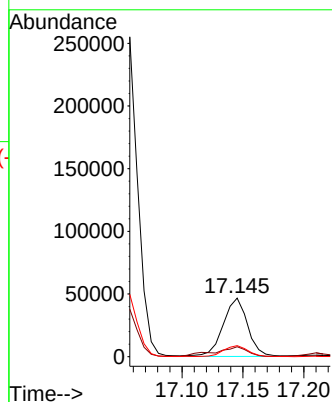
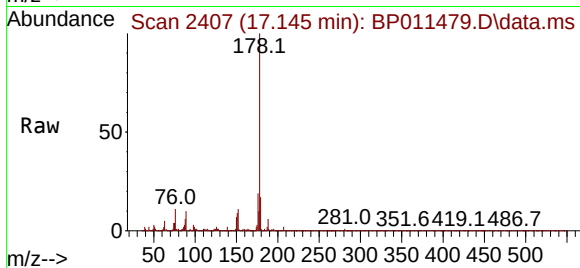
Acq: 18 Aug 2022 12:54

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	178	Resp:	65161
Ion Ratio	Lower	Upper	
178	100		
179	16.9	12.2	18.2
176	19.0	15.4	23.0



#77

Carbazole

Concen: 1.511 ng/ul

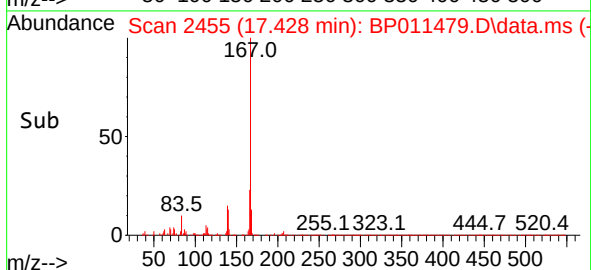
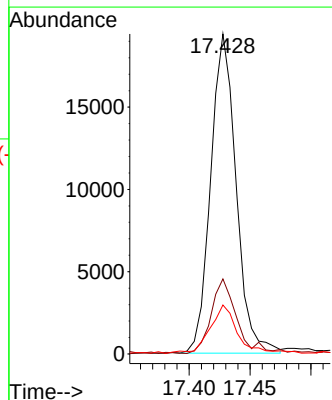
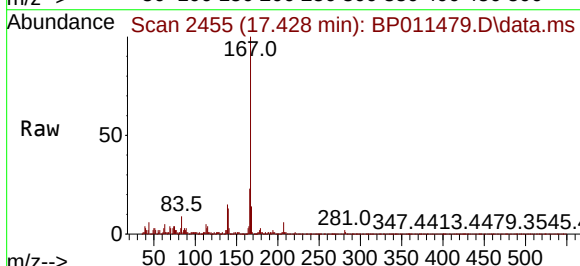
RT: 17.428 min Scan# 2455

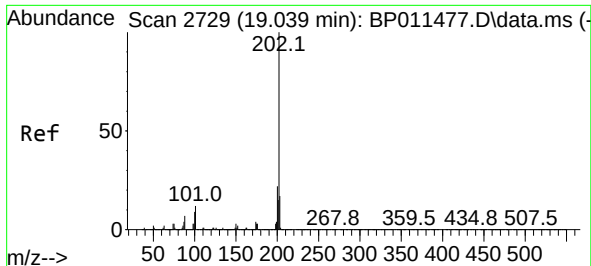
Delta R.T. 0.006 min

Lab File: BP011479.D

Acq: 18 Aug 2022 12:54

Tgt Ion:	167	Resp:	28241
Ion Ratio	Lower	Upper	
167	100		
166	23.4	17.5	26.3
139	15.3	12.1	18.1

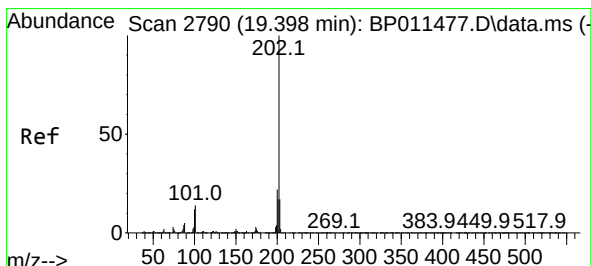
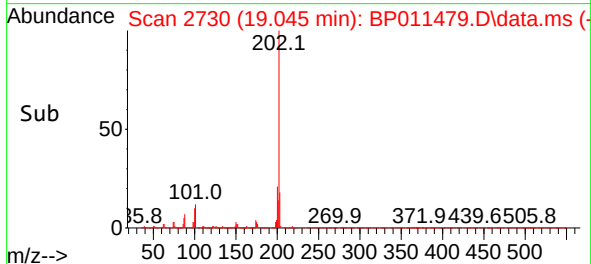
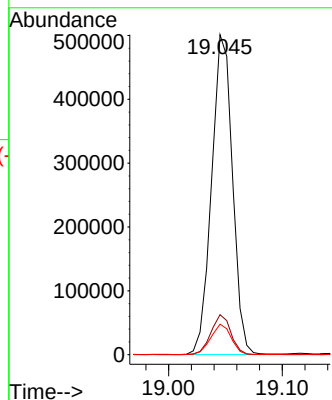
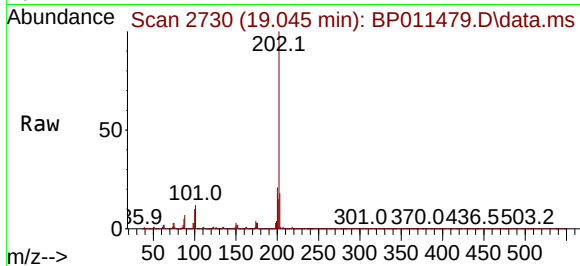




#80
Fluoranthene
Concen: 26.092 ng/u1
RT: 19.045 min Scan# 2729
Delta R.T. 0.006 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

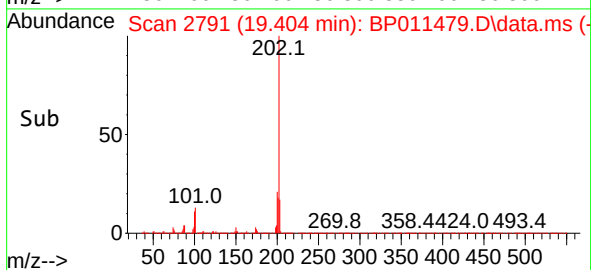
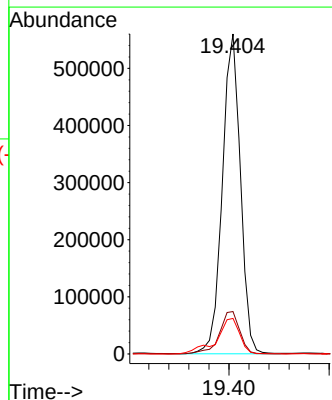
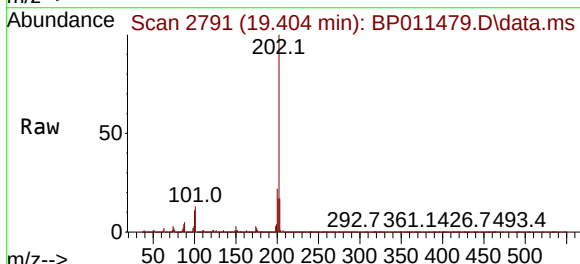
Instrument :
BNA_P
ClientSampleId :

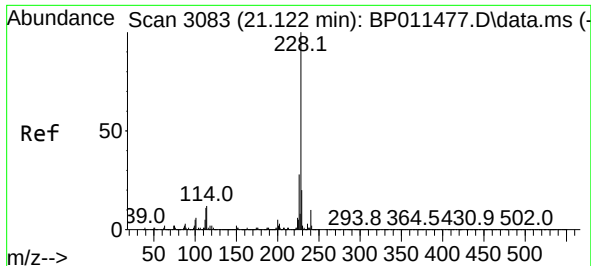
Tgt Ion:202 Resp: 640197
Ion Ratio Lower Upper
202 100
101 12.5 9.5 14.3
100 9.6 7.9 11.9



#82
Pyrene
Concen: 27.165 ng/u1
RT: 19.404 min Scan# 2791
Delta R.T. 0.012 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

Tgt Ion:202 Resp: 700319
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.2
100 11.1 9.4 14.0

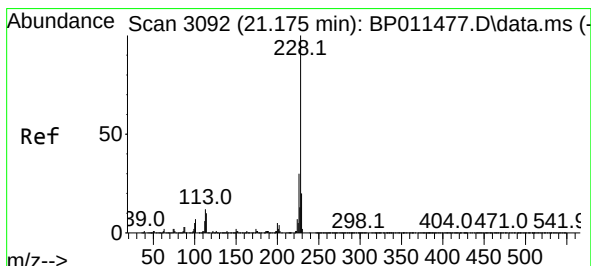
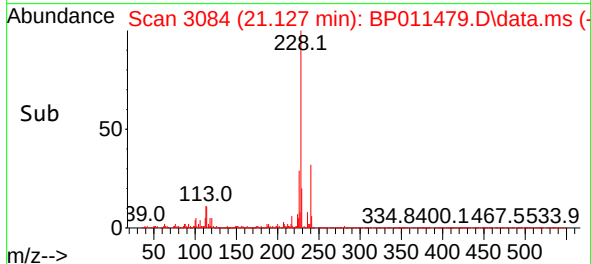
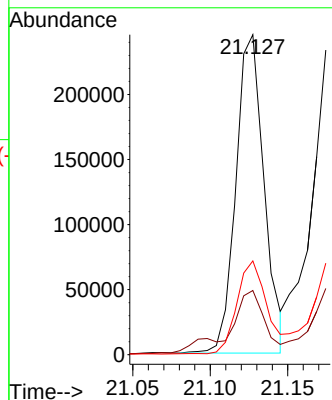
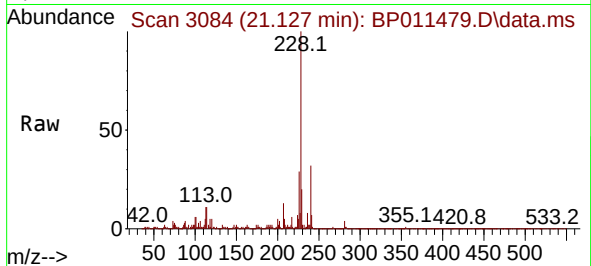




#85
Benzo(a)anthracene
Concen: 12.893 ng/ul
RT: 21.127 min Scan# 3083
Delta R.T. 0.012 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

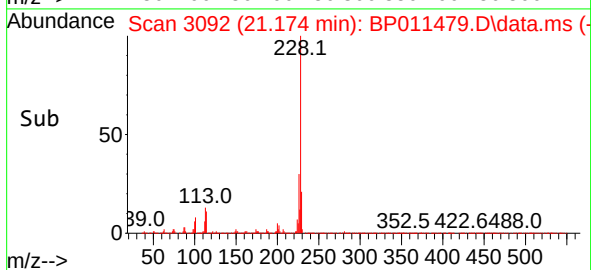
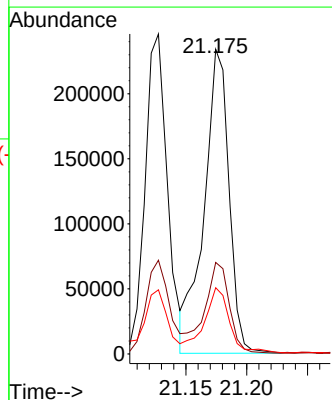
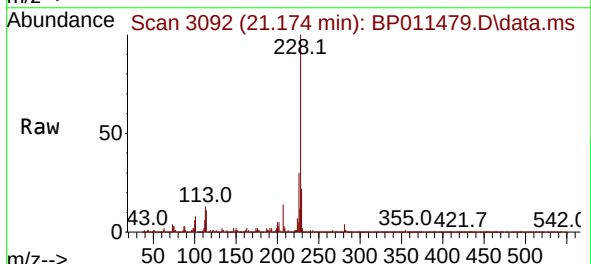
Instrument :
BNA_P
ClientSampleId :

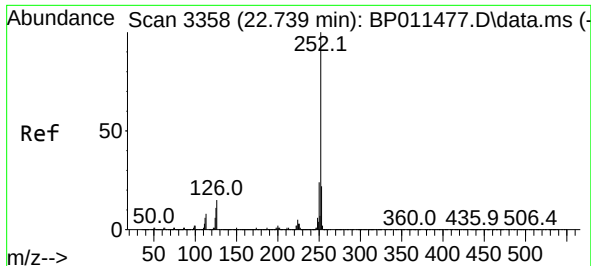
Tgt Ion:228 Resp: 309754
Ion Ratio Lower Upper
228 100
229 20.0 16.0 24.0
226 29.3 22.6 33.8



#87
Chrysene
Concen: 14.135 ng/ul
RT: 21.174 min Scan# 3092
Delta R.T. 0.006 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

Tgt Ion:228 Resp: 333597
Ion Ratio Lower Upper
228 100
226 30.1 23.9 35.9
229 21.7 16.0 24.0

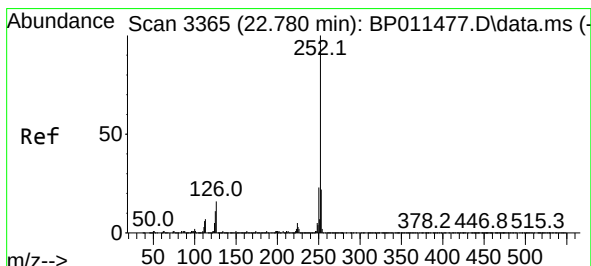
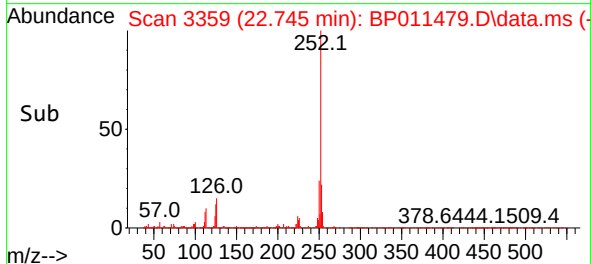
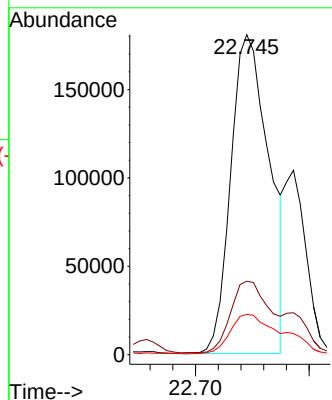
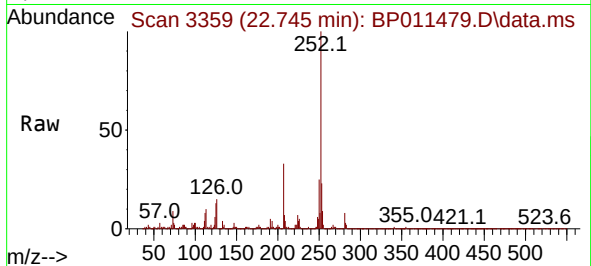




#90
Benzo(b)fluoranthene
Concen: 16.114 ng/ul
RT: 22.745 min Scan# 3358
Delta R.T. 0.018 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

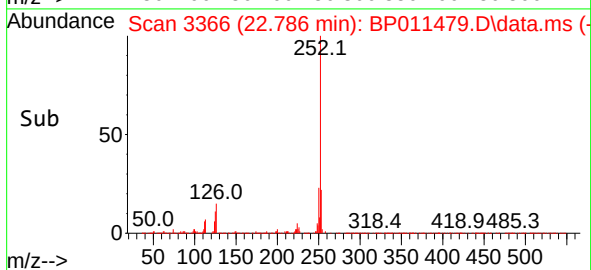
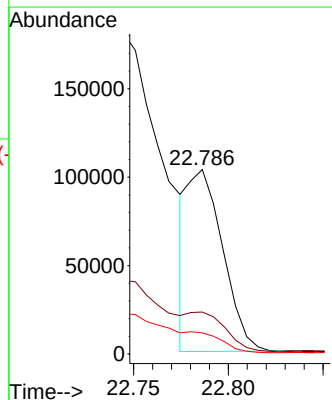
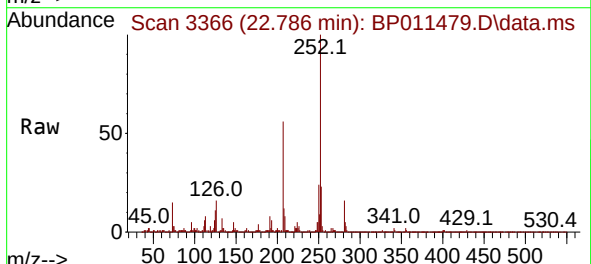
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BNA_P
ClientSampleId :

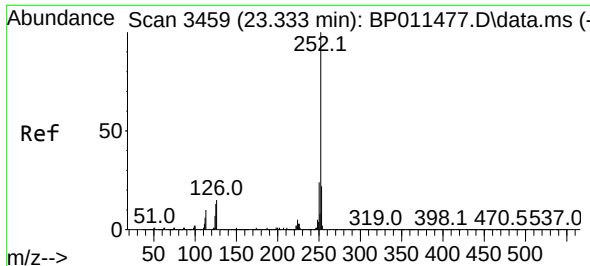
Tgt Ion:252 Resp: 424196
Ion Ratio Lower Upper
252 100
253 23.0 17.5 26.3
125 12.6 9.0 13.4



#91
Benzo(k)fluoranthene
Concen: 5.256 ng/ul
RT: 22.786 min Scan# 3366
Delta R.T. 0.012 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

Tgt Ion:252 Resp: 132032
Ion Ratio Lower Upper
252 100
253 22.8 17.9 26.9
125 11.5 9.8 14.8

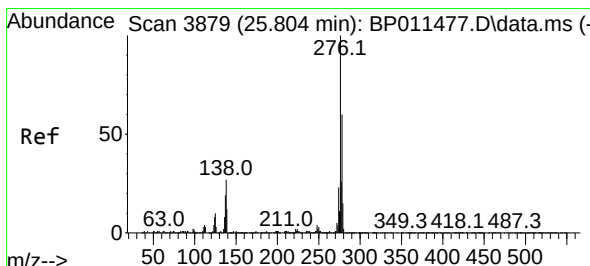
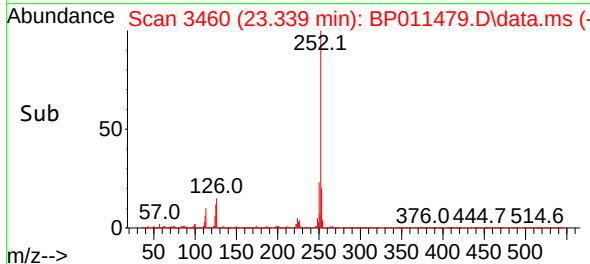
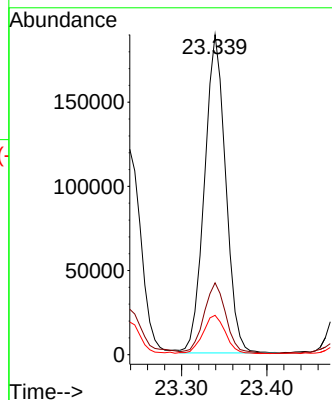
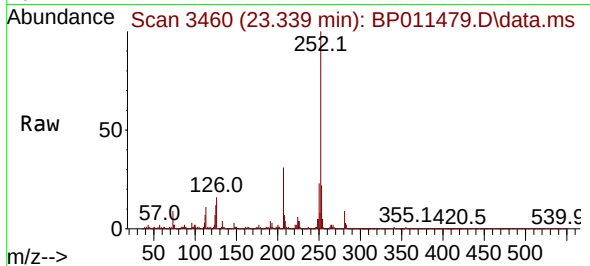




#93
Benzo(a)pyrene
Concen: 12.700 ng/ul
RT: 23.339 min Scan# 3459
Delta R.T. 0.012 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

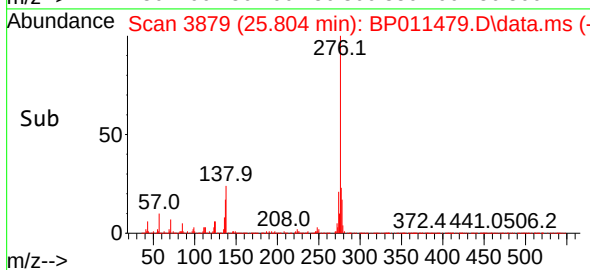
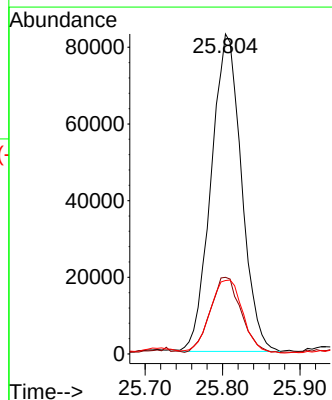
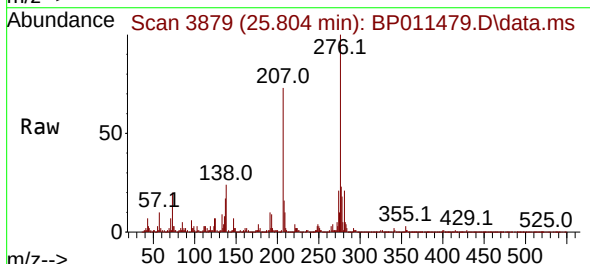
Instrument :
BNA_P
ClientSampleId :

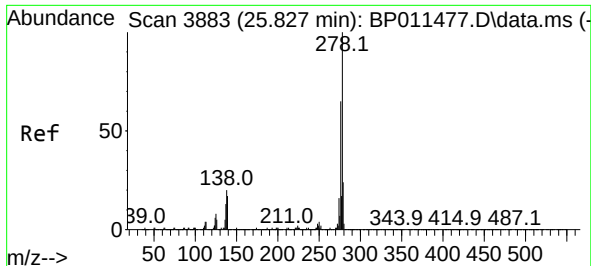
Tgt Ion:252 Resp: 326396
Ion Ratio Lower Upper
252 100
253 22.4 16.8 25.2
125 12.3 9.9 14.9



#94
Indeno(1,2,3-cd)pyrene
Concen: 7.861 ng/ul
RT: 25.804 min Scan# 3879
Delta R.T. 0.018 min
Lab File: BP011479.D
Acq: 18 Aug 2022 12:54

Tgt Ion:276 Resp: 225345
Ion Ratio Lower Upper
276 100
138 24.0 20.2 30.4
277 23.0 20.1 30.1

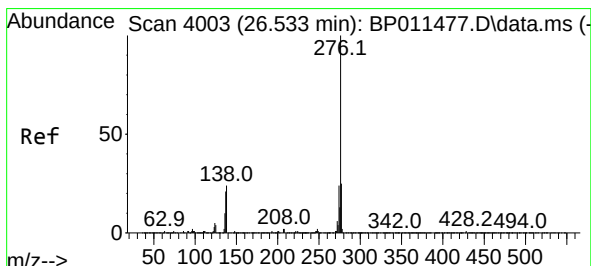
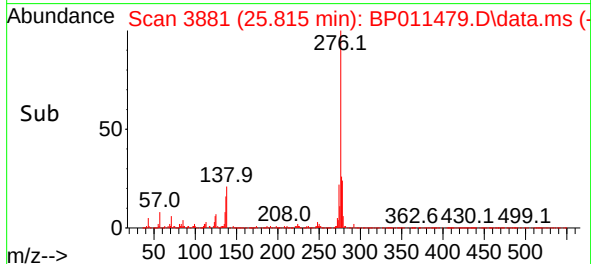
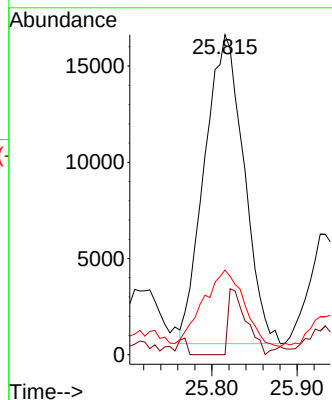
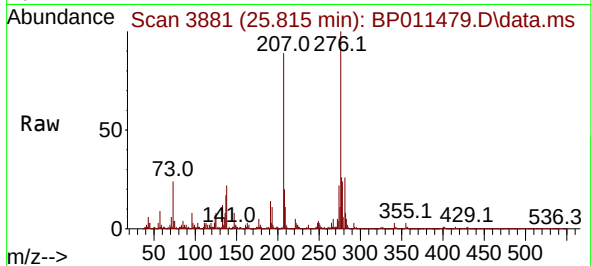




#95
 Dibenzo(a,h)anthracene
 Concen: 2.093 ng/ul
 RT: 25.815 min Scan# 3881
 Delta R.T. 0.012 min
 Lab File: BP011479.D
 Acq: 18 Aug 2022 12:54

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:278 Resp: 51672
 Ion Ratio Lower Upper
 278 100
 139 0.0 15.4 23.0#
 279 26.4 19.3 28.9



#96
 Benzo(g,h,i)perylene
 Concen: 8.413 ng/ul
 RT: 26.533 min Scan# 4003
 Delta R.T. 0.023 min
 Lab File: BP011479.D
 Acq: 18 Aug 2022 12:54

Tgt Ion:276 Resp: 205148
 Ion Ratio Lower Upper
 276 100
 138 23.6 19.4 29.2
 277 23.0 19.1 28.7

