

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015677.D
 Acq On : 23 Jun 2023 18:19
 Operator : MA/JU
 Sample : 03084-17
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN4

Quant Time: Jun 23 22:36:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP060723.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 22:01:49 2023
 Response via : Initial Calibration

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

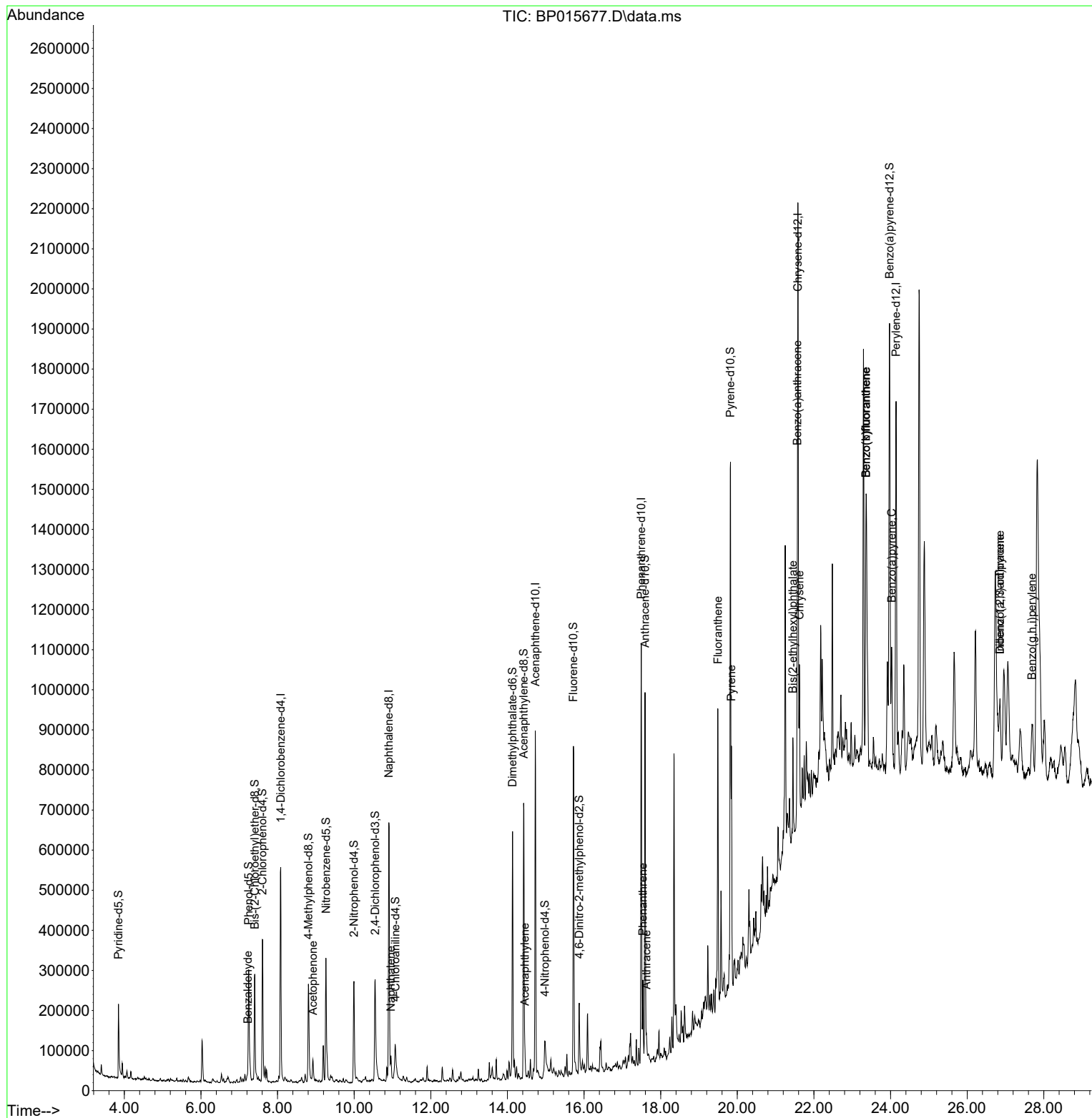
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.081	152	144213	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	532108	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	282867	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	607699	20.000	ng/ul	0.00
79) Chrysene-d12	21.580	240	622598	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	756431	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.528	96	29	0.007	ng/uL	0.13
4) Pyridine-d5	3.846	84	99371	9.823	ng/ul	0.00
7) Phenol-d5	7.246	99	180015	13.549	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	126091	15.891	ng/ul	0.00
11) 2-Chlorophenol-d4	7.604	132	157969	16.399	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	110558	10.139	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	73458	17.584	ng/ul	0.00
24) 2-Nitrophenol-d4	9.993	143	80439	16.861	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	123545	14.196	ng/ul	0.01
31) 4-Chloroaniline-d4	11.075	131	79160	6.337	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	393644	17.648	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	453087	18.576	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	42755	10.704	ng/ul	0.03
60) Fluorene-d10	15.722	176	332457	17.675	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	44241	11.492	ng/ul	0.01
73) Anthracene-d10	17.592	188	508387	18.387	ng/ul	0.00
81) Pyrene-d10	19.822	212	667963	20.045	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	727589	19.170	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.222	77	5594	1.102	ng/ul#	78
16) Acetophenone	8.922	105	29193	1.678	ng/ul	97
30) Naphthalene	10.957	128	41125	1.426	ng/ul	99
50) Acenaphthylene	14.457	152	36219	1.341	ng/ul	99
72) Phenanthrene	17.533	178	112568	3.452	ng/ul	98
74) Anthracene	17.628	178	34384	1.039	ng/ul	97
80) Fluoranthene	19.492	202	392453	9.669	ng/ul	99
82) Pyrene	19.845	202	326505	7.775	ng/ul	98
85) Benzo(a)anthracene	21.568	228	240190	5.519	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	78211	2.851	ng/ul	98
87) Chrysene	21.621	228	256543	6.236	ng/ul	97
90) Benzo(b)fluoranthene	23.357	252	415012	8.500	ng/ul#	94
91) Benzo(k)fluoranthene	23.357	252	415012	8.793	ng/ul#	95
93) Benzo(a)pyrene	24.027	252	245666	5.771	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.856	276	211656	3.842	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.856	278	56719	1.264	ng/ul#	68
96) Benzo(g,h,i)perylene	27.692	276	204164	4.497	ng/ul	99

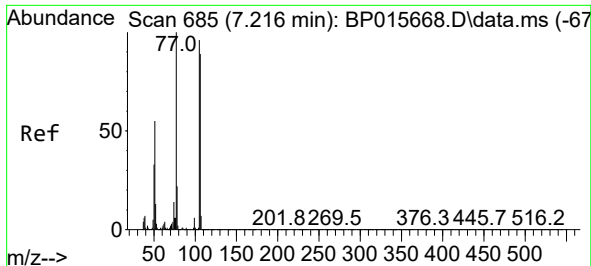
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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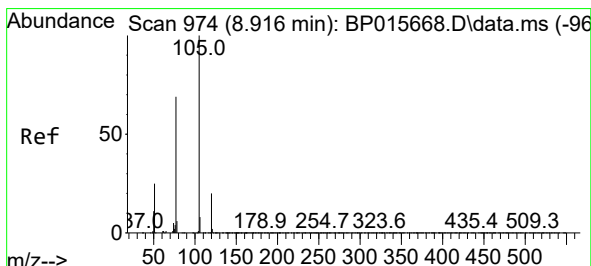
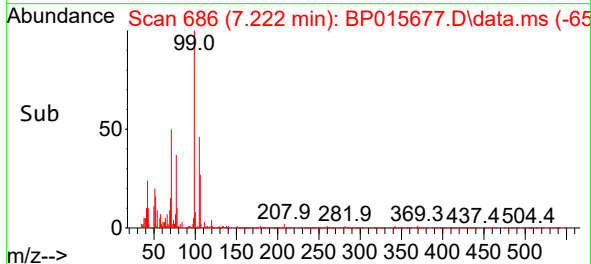
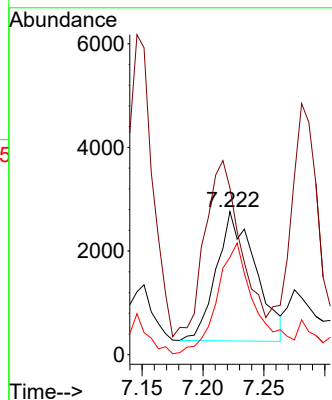
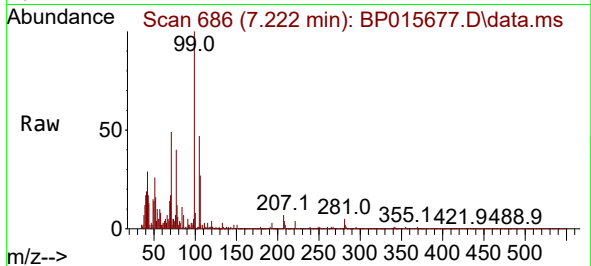




#6
Benzaldehyde
Concen: 1.102 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

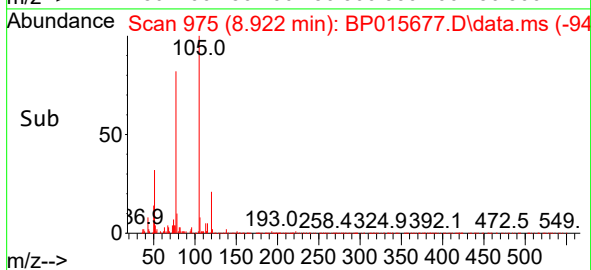
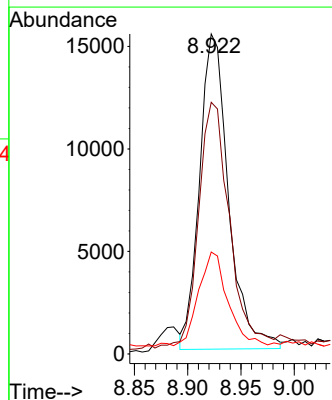
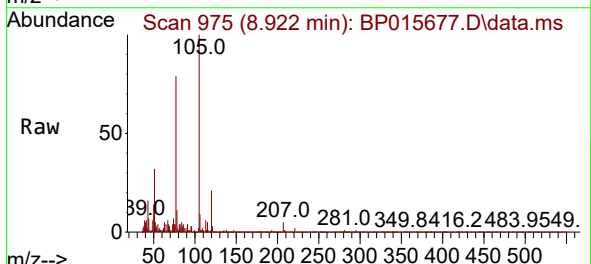
Instrument :
BNA_P
ClientSampleId :
DCFN4

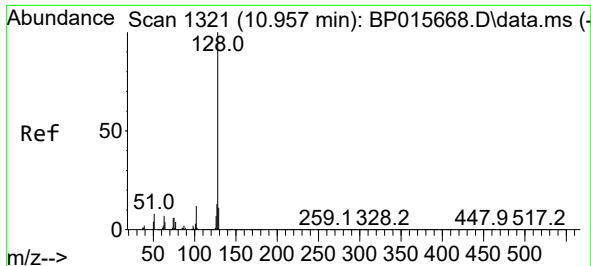
Tgt Ion: 77 Resp: 5594
Ion Ratio Lower Upper
77 100
105 116.5 77.3 115.9#
106 68.1 73.3 109.9#



#16
Acetophenone
Concen: 1.678 ng/ul
RT: 8.922 min Scan# 975
Delta R.T. 0.006 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

Tgt Ion: 105 Resp: 29193
Ion Ratio Lower Upper
105 100
77 78.7 64.9 97.3
51 31.9 23.5 35.3

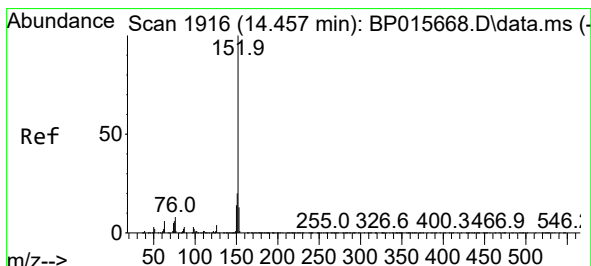
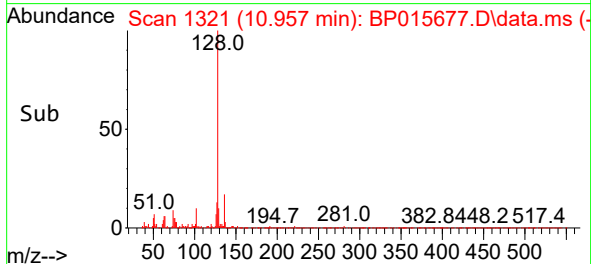
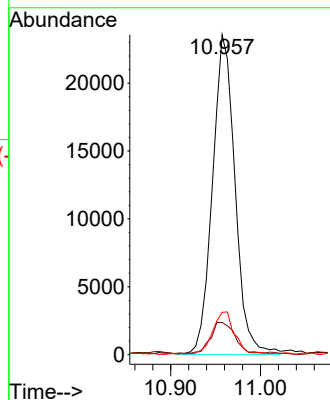
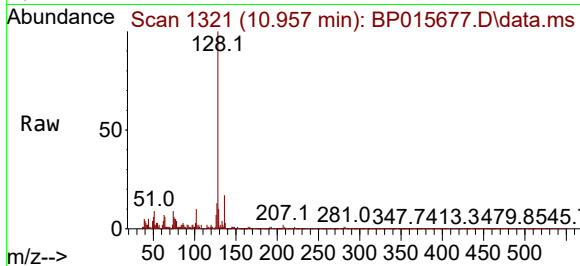




#30
Naphthalene
Concen: 1.426 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

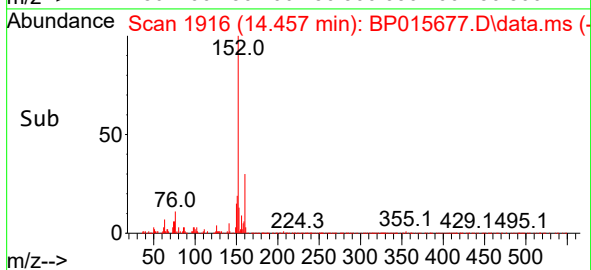
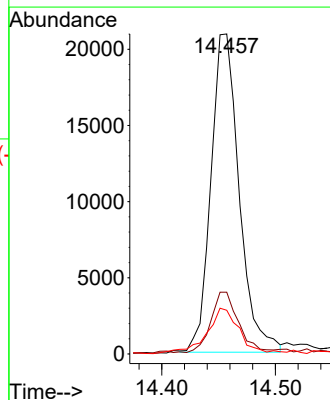
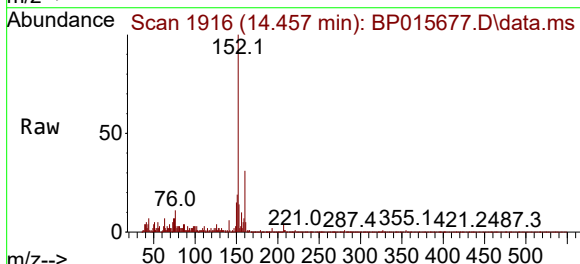
Instrument :
BNA_P
ClientSampleId :
DCFN4

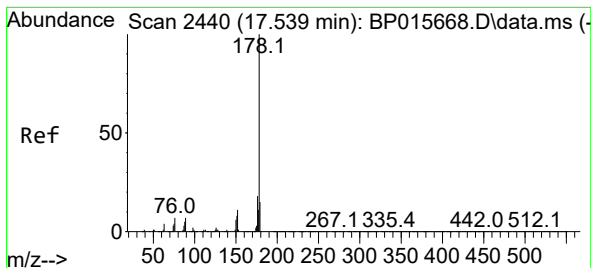
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.1	8.6	13.0
127	13.2	10.5	15.7



#50
Acenaphthylene
Concen: 1.341 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	13.6	10.6	15.8





#72

Phenanthrene

Concen: 3.452 ng/ul

RT: 17.533 min Scan# 2440

Delta R.T. 0.000 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCFN4

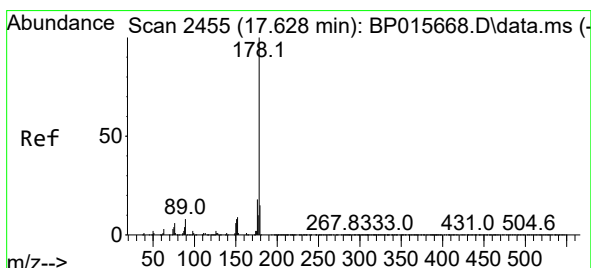
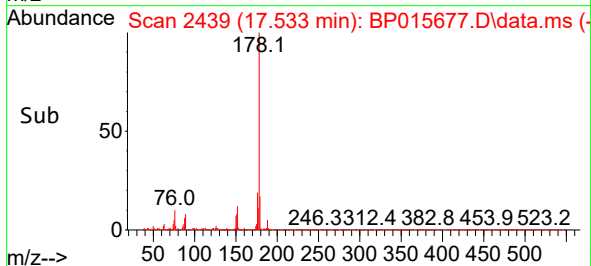
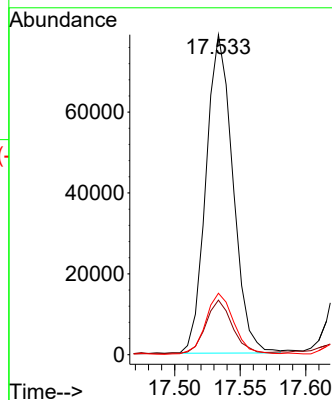
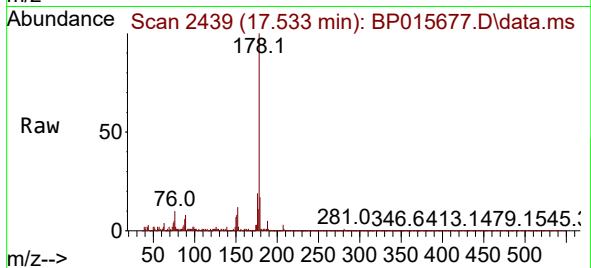
Tgt Ion:178 Resp: 112568

Ion Ratio Lower Upper

178 100

179 17.1 12.3 18.5

176 19.2 15.4 23.0



#74

Anthracene

Concen: 1.039 ng/ul

RT: 17.628 min Scan# 2455

Delta R.T. 0.000 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

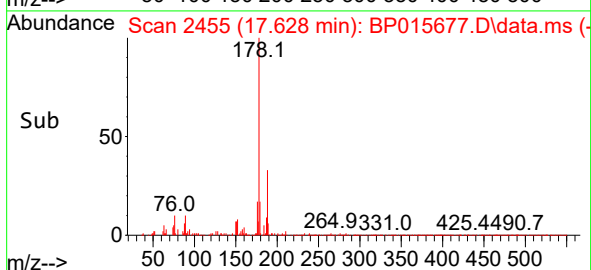
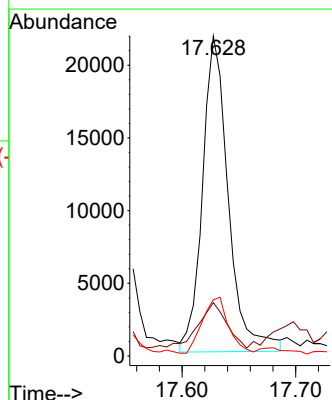
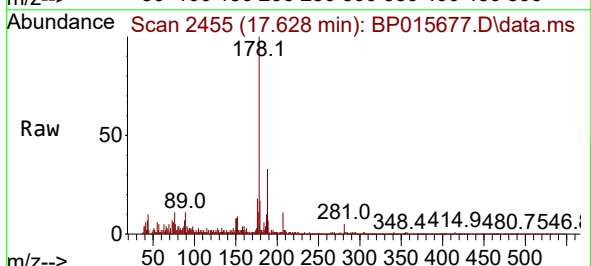
Tgt Ion:178 Resp: 34384

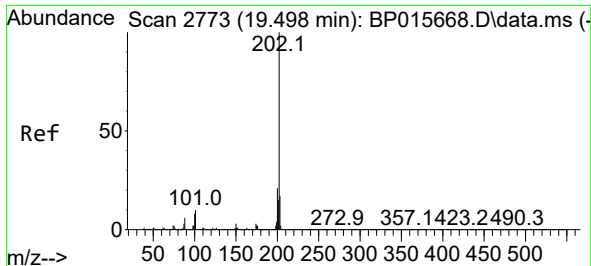
Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 17.5 15.0 22.4

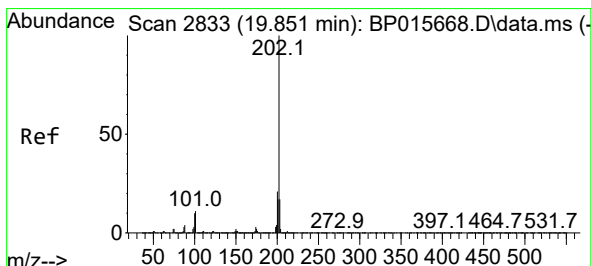
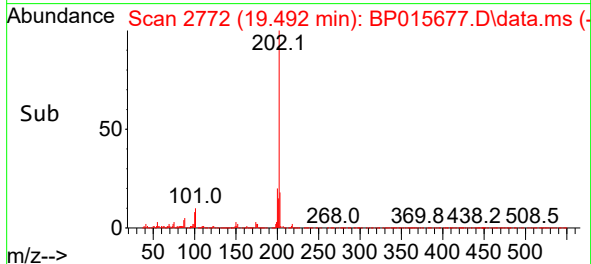
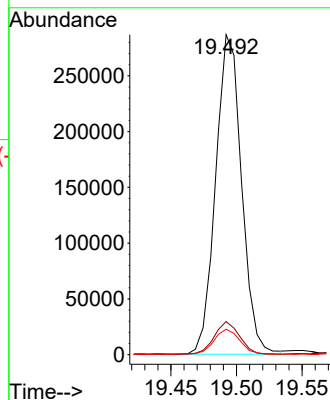
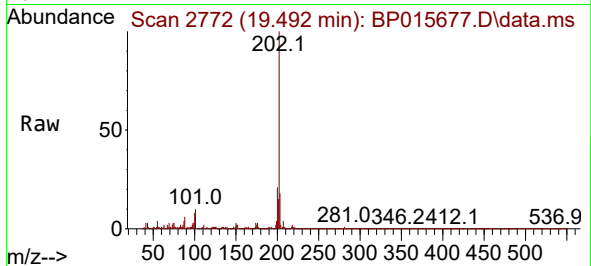




#80
Fluoranthene
Concen: 9.669 ng/ul
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

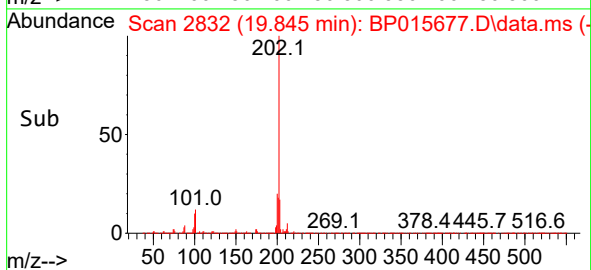
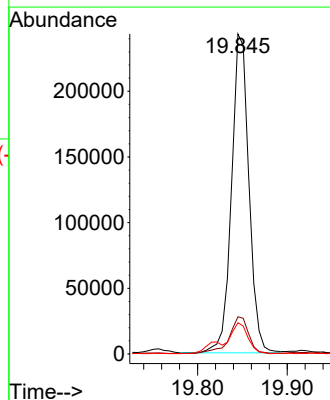
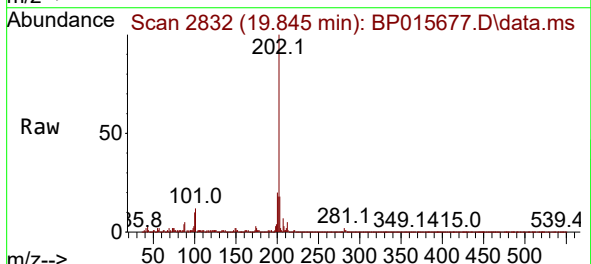
Instrument :
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DCFN4

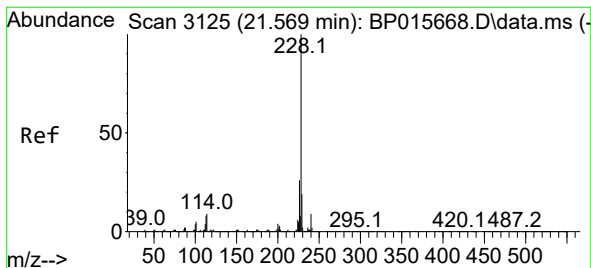
Tgt Ion:202 Resp: 392453
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 7.9 6.6 9.8



#82
Pyrene
Concen: 7.775 ng/ul
RT: 19.845 min Scan# 2832
Delta R.T. 0.000 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

Tgt Ion:202 Resp: 326505
Ion Ratio Lower Upper
202 100
101 11.6 9.9 14.9
100 9.7 8.4 12.6





#85

Benzo(a)anthracene

Concen: 5.519 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCFN4

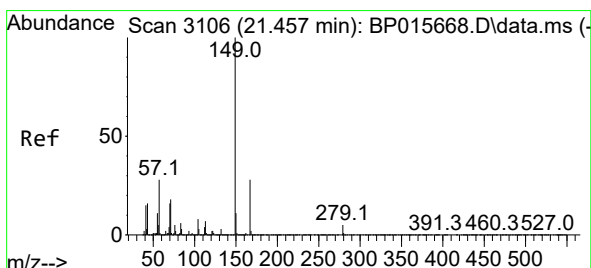
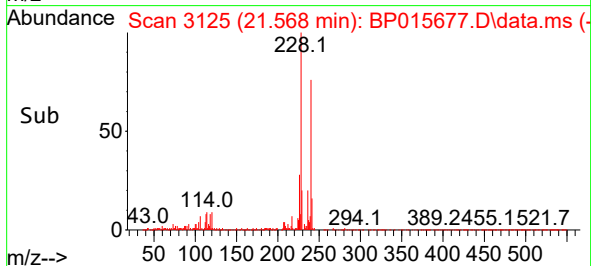
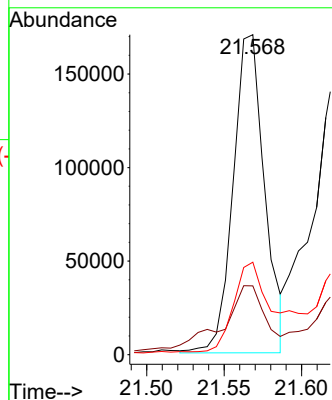
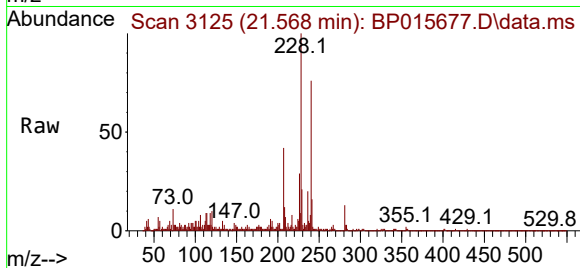
Tgt Ion:228 Resp: 240190

Ion Ratio Lower Upper

228 100

229 21.5 15.8 23.6

226 28.9 21.8 32.6



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.851 ng/ul

RT: 21.451 min Scan# 3105

Delta R.T. -0.006 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

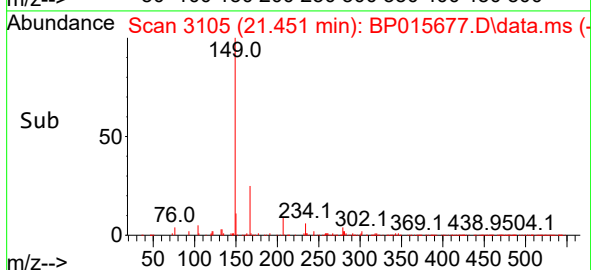
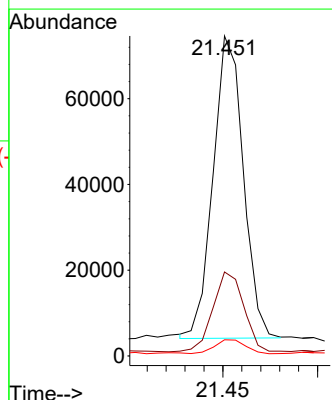
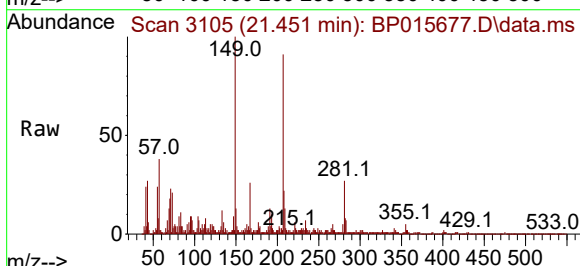
Tgt Ion:149 Resp: 78211

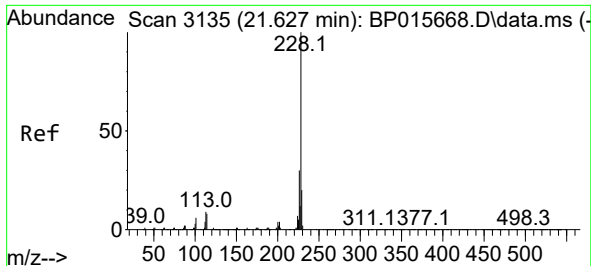
Ion Ratio Lower Upper

149 100

167 26.2 21.8 32.8

279 5.0 3.7 5.5

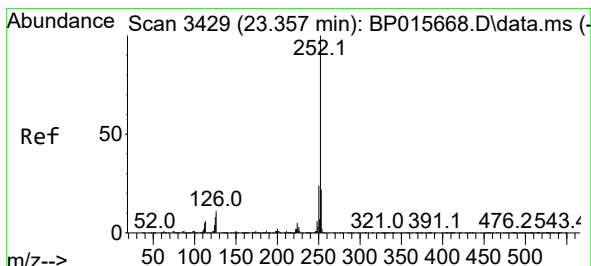
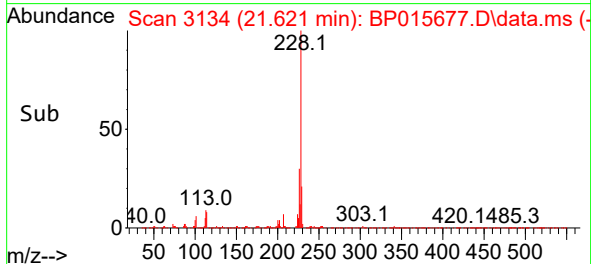
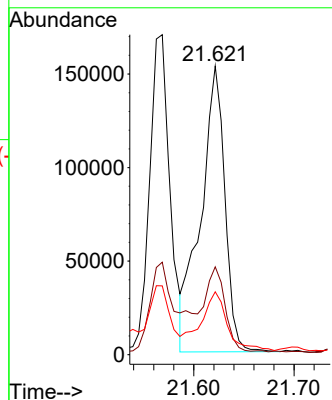
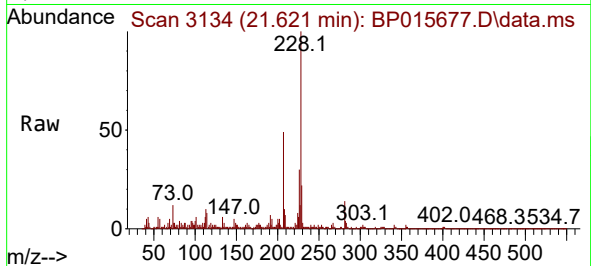




#87
Chrysene
Concen: 6.236 ng/ul
RT: 21.621 min Scan# 3135
Delta R.T. 0.000 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

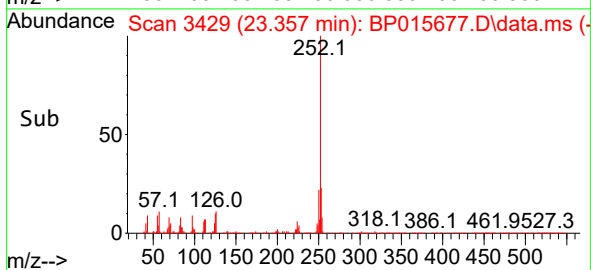
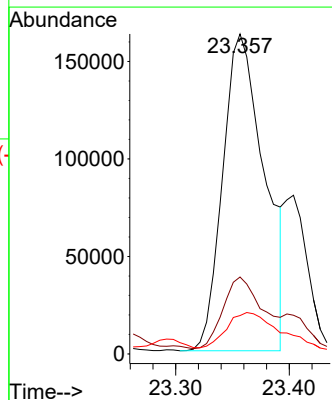
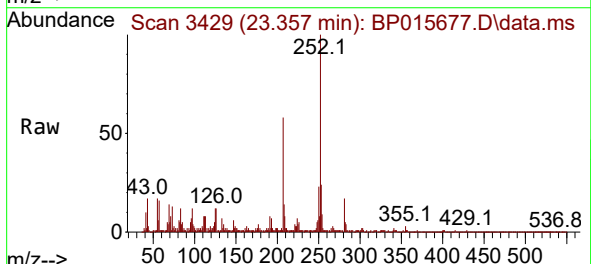
Instrument :
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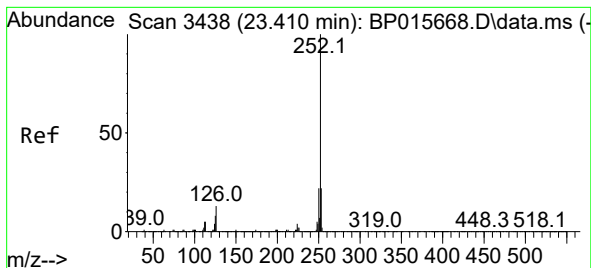
Tgt Ion:228 Resp: 256543
Ion Ratio Lower Upper
228 100
226 30.4 23.9 35.9
229 21.8 15.1 22.7



#90
Benzo(b)fluoranthene
Concen: 8.500 ng/ul
RT: 23.357 min Scan# 3429
Delta R.T. 0.012 min
Lab File: BP015677.D
Acq: 23 Jun 2023 18:19

Tgt Ion:252 Resp: 415012
Ion Ratio Lower Upper
252 100
253 24.0 17.4 26.2
125 12.0 7.3 10.9#





#91

Benzo(k)fluoranthene

Concen: 8.793 ng/ul

RT: 23.357 min Scan# 3438

Delta R.T. -0.041 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCFN4

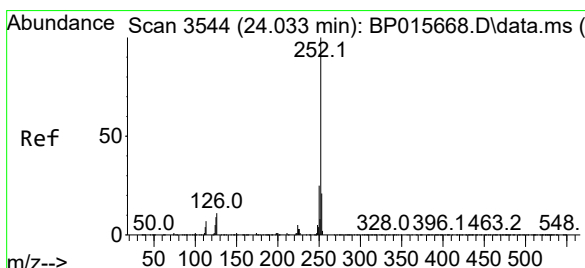
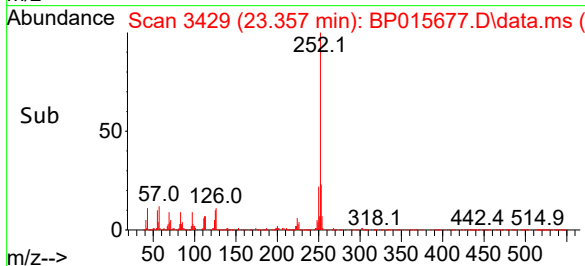
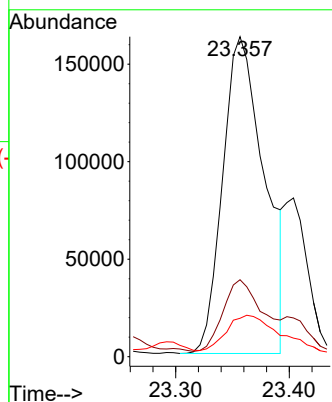
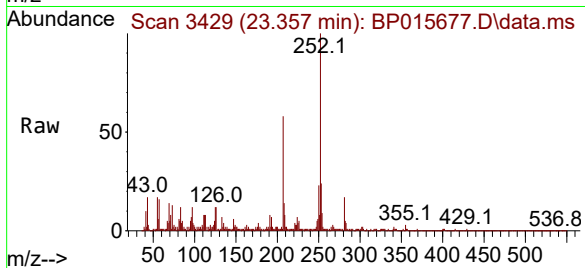
Tgt Ion:252 Resp: 415012

Ion Ratio Lower Upper

252 100

253 24.0 17.7 26.5

125 12.0 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 5.771 ng/ul

RT: 24.027 min Scan# 3543

Delta R.T. 0.006 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

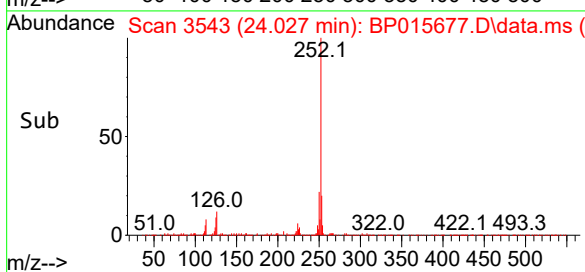
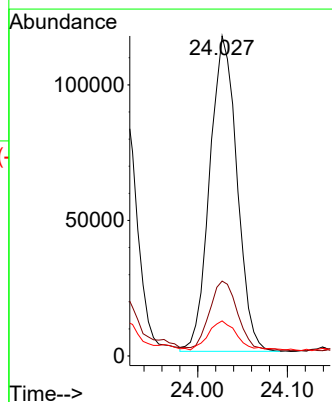
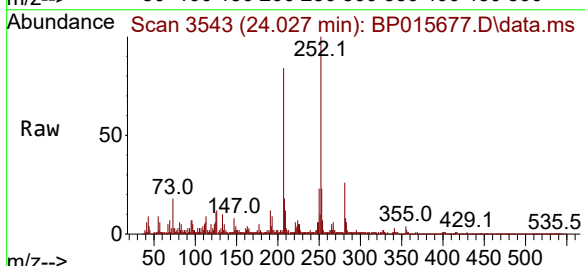
Tgt Ion:252 Resp: 245666

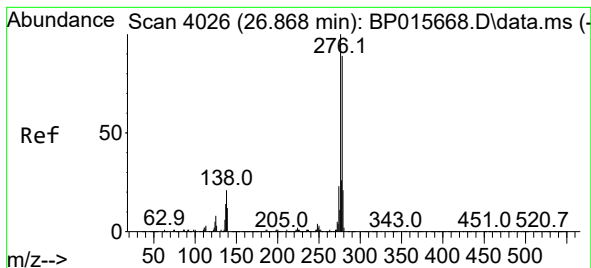
Ion Ratio Lower Upper

252 100

253 23.4 17.8 26.6

125 11.0 8.1 12.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 3.842 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. 0.018 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

Instrument :

BNA_P

ClientSampleId :

DCFN4

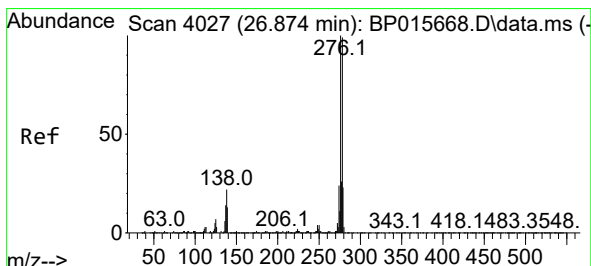
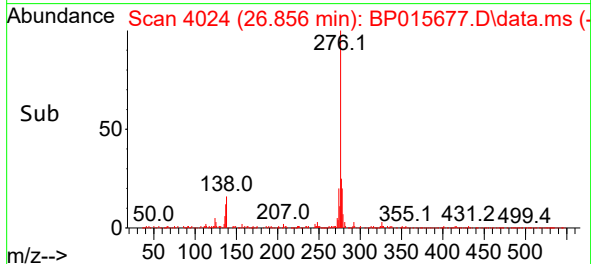
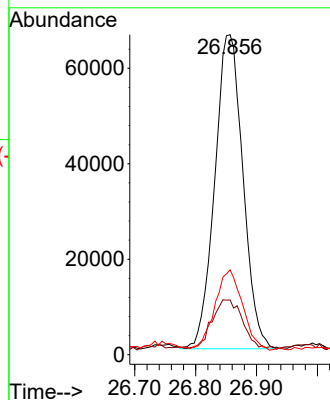
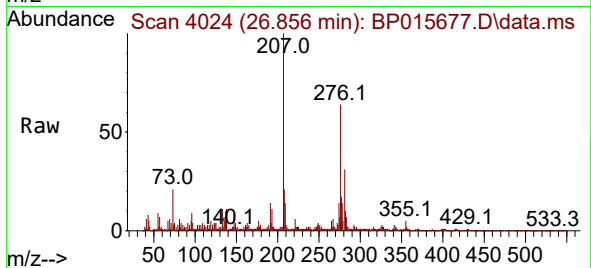
Tgt Ion:276 Resp: 211656

Ion Ratio Lower Upper

276 100

138 17.1 17.3 25.9#

277 26.5 20.2 30.2



#95

Dibenzo(a,h)anthracene

Concen: 1.264 ng/ul

RT: 26.856 min Scan# 4024

Delta R.T. 0.006 min

Lab File: BP015677.D

Acq: 23 Jun 2023 18:19

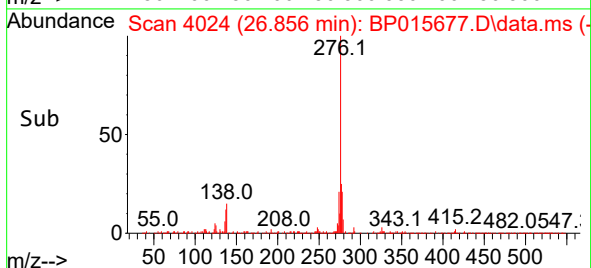
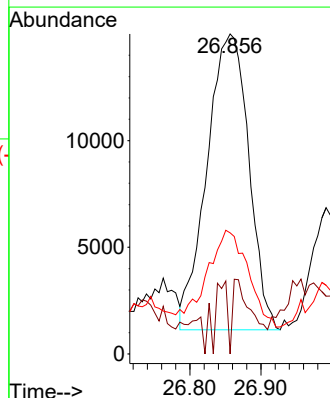
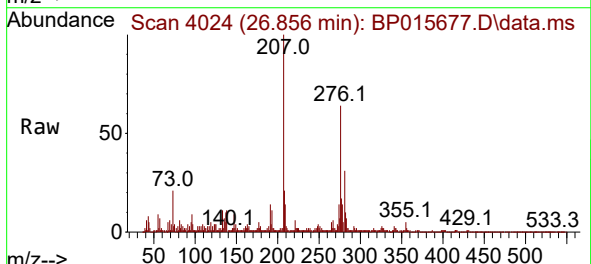
Tgt Ion:278 Resp: 56719

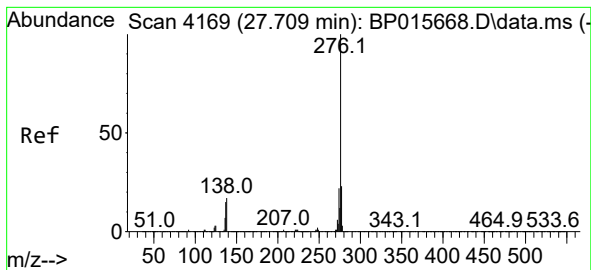
Ion Ratio Lower Upper

278 100

139 0.0 11.4 17.0#

279 37.9 18.7 28.1#





#96
 Benzo(g,h,i)perylene
 Concen: 4.497 ng/ul
 RT: 27.692 min Scan# 4166
 Delta R.T. 0.012 min
 Lab File: BP015677.D
 Acq: 23 Jun 2023 18:19

Instrument :
 BNA_P
 ClientSampleId :
 DCFN4

Tgt Ion:	276	Resp:	204164
Ion Ratio	Lower	Upper	
276	100		
138	20.3	15.6	23.4
277	24.3	19.0	28.6

