

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
 Data File : BP015679.D
 Acq On : 23 Jun 2023 19:27
 Operator : MA/JU
 Sample : 03084-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN5

Quant Time: Jun 23 22:37:18 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)

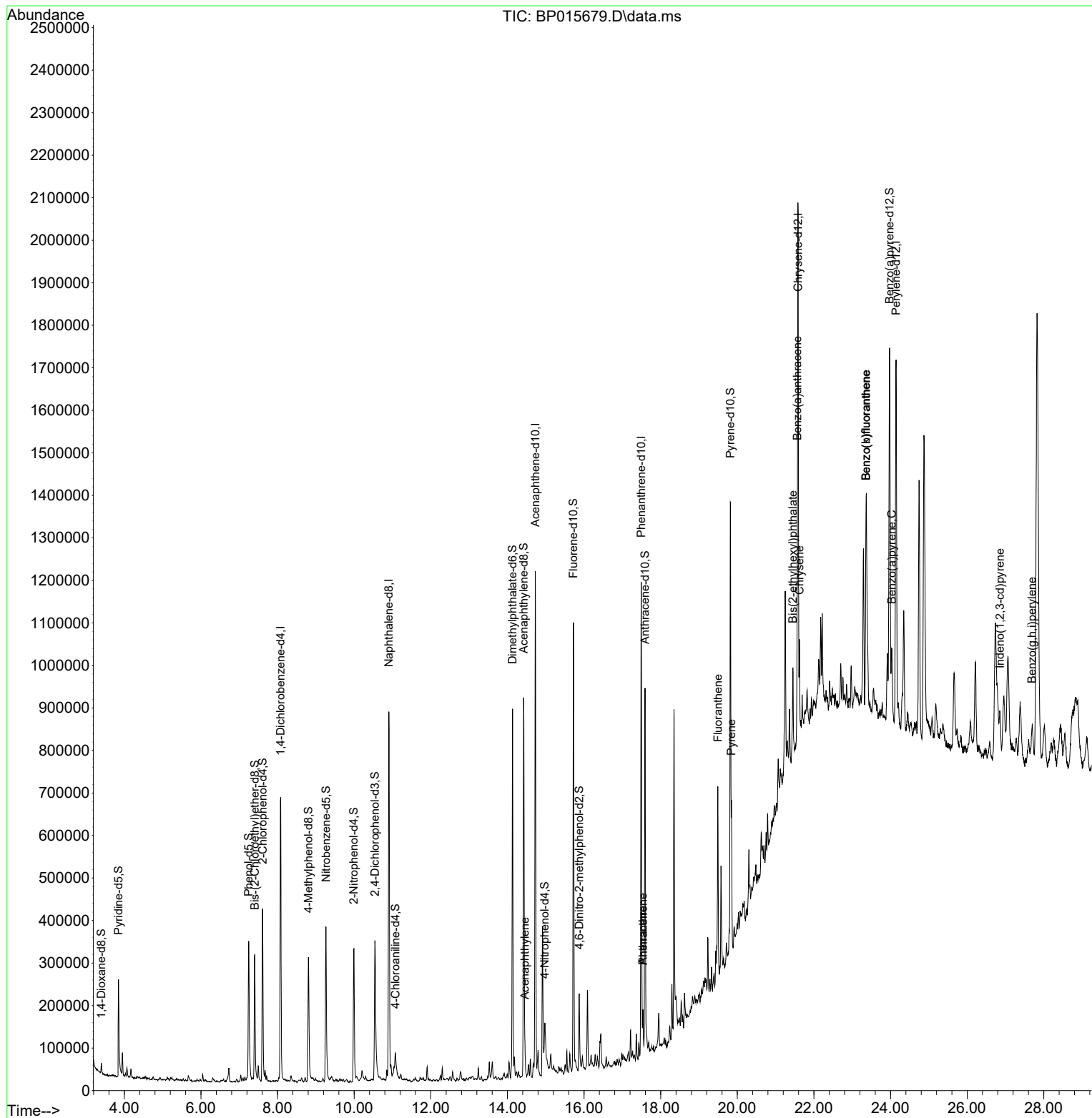
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.075	152	178615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	700163	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.728	164	387407	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.492	188	651268	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	589764	20.000	ng/ul	0.00
88) Perylene-d12	24.145	264	734599	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	10818	2.243	ng/uL	0.00
4) Pyridine-d5	3.846	84	121452	9.694	ng/ul	0.00
7) Phenol-d5	7.246	99	211784	12.870	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.405	67	139572	14.202	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	180203	15.105	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	124497	9.219	ng/ul	0.00
21) Nitrobenzene-d5	9.263	128	89963	16.366	ng/ul	0.00
24) 2-Nitrophenol-d4	9.987	143	101006	16.090	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	160016	13.974	ng/ul	0.00
31) 4-Chloroaniline-d4	11.075	131	49791	3.029	ng/ul	0.02
46) Dimethylphthalate-d6	14.134	166	521569	17.073	ng/ul	0.00
49) Acenaphthylene-d8	14.422	160	574984	17.213	ng/ul	0.00
54) 4-Nitrophenol-d4	14.975	143	33900	6.197	ng/ul	0.02
60) Fluorene-d10	15.722	176	395053	15.335	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	43860	10.631	ng/ul	0.01
73) Anthracene-d10	17.592	188	490373	16.549	ng/ul	0.00
81) Pyrene-d10	19.822	212	557038	17.647	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.974	264	642047	17.419	ng/ul	0.00
Target Compounds					Qvalue	
50) Acenaphthylene	14.457	152	37607	1.017	ng/ul	99
72) Phenanthrene	17.533	178	56205	1.608	ng/ul	98
74) Anthracene	17.533	178	56556	1.595	ng/ul	98
80) Fluoranthene	19.492	202	216302	5.626	ng/ul	100
82) Pyrene	19.845	202	199958	5.027	ng/ul	100
85) Benzo(a)anthracene	21.568	228	139310	3.379	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.451	149	68261	2.627	ng/ul	96
87) Chrysene	21.621	228	159920	4.104	ng/ul	96
90) Benzo(b)fluoranthene	23.357	252	255042	5.379	ng/ul#	95
91) Benzo(k)fluoranthene	23.357	252	255042	5.564	ng/ul#	95
93) Benzo(a)pyrene	24.027	252	140264	3.393	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.856	276	122444	2.289	ng/ul	97
96) Benzo(g,h,i)perylene	27.692	276	111035	2.518	ng/ul	93

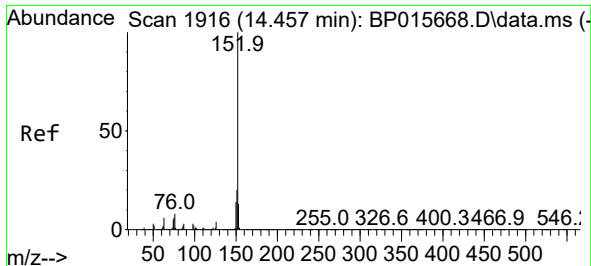
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062323\
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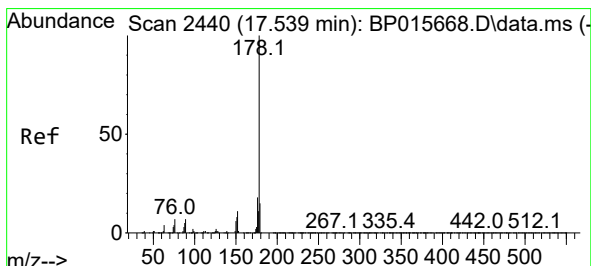
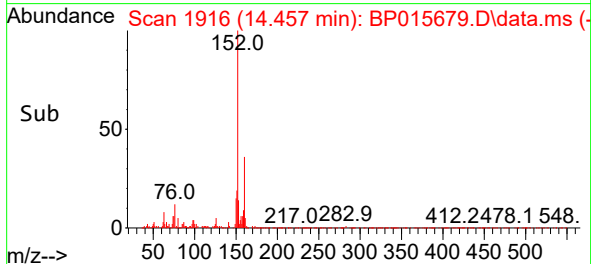
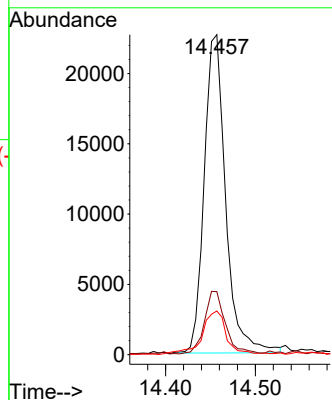
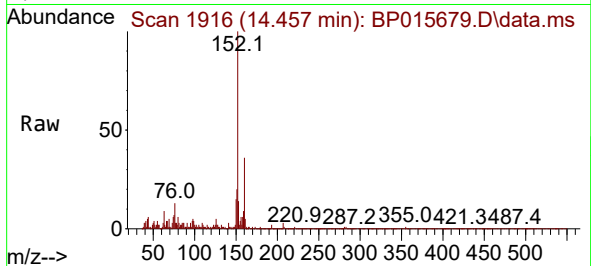




#50
Acenaphthylene
Concen: 1.017 ng/ul
RT: 14.457 min Scan# 1916
Delta R.T. 0.006 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

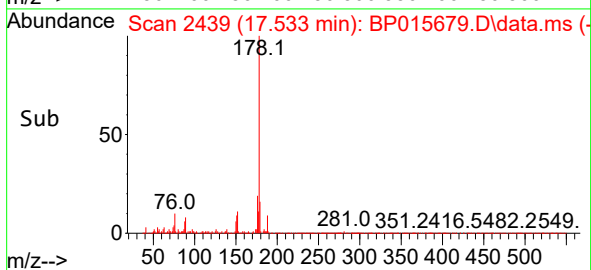
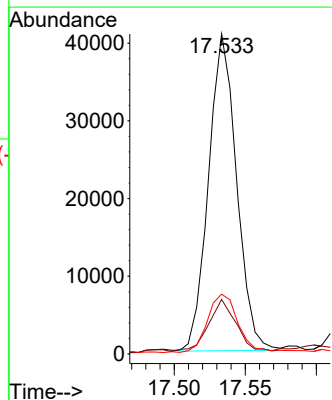
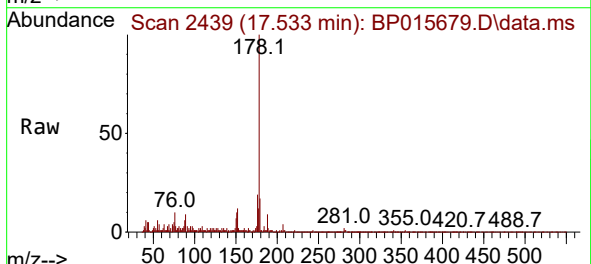
Instrument :
BNA_P
ClientSampleId :
DCFN5

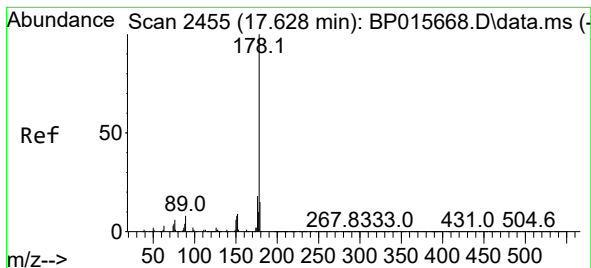
Tgt Ion:	152	Resp:	37607
Ion Ratio	Lower	Upper	
152	100		
151	19.7	16.0	24.0
153	13.6	10.6	15.8



#72
Phenanthrene
Concen: 1.608 ng/ul
RT: 17.533 min Scan# 2439
Delta R.T. 0.000 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Tgt Ion:	178	Resp:	56205
Ion Ratio	Lower	Upper	
178	100		
179	17.0	12.3	18.5
176	18.7	15.4	23.0





#74

Anthracene

Concen: 1.595 ng/ul

RT: 17.533 min Scan# 2455

Delta R.T. -0.094 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5

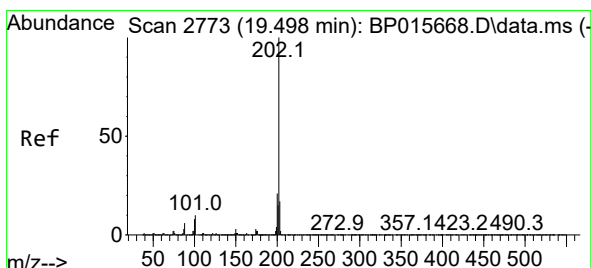
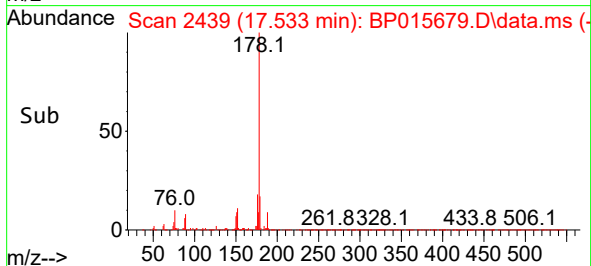
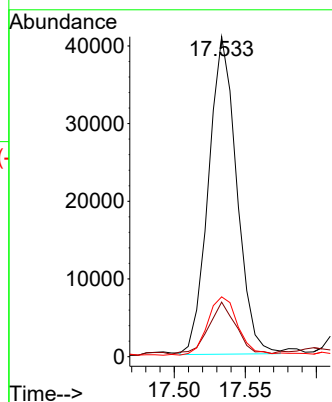
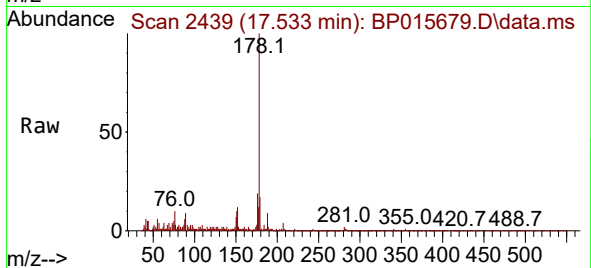
Tgt Ion:178 Resp: 56556

Ion Ratio Lower Upper

178 100

179 17.0 12.4 18.6

176 18.7 15.0 22.4



#80

Fluoranthene

Concen: 5.626 ng/ul

RT: 19.492 min Scan# 2772

Delta R.T. 0.000 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

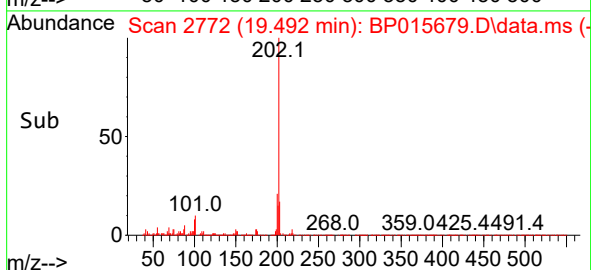
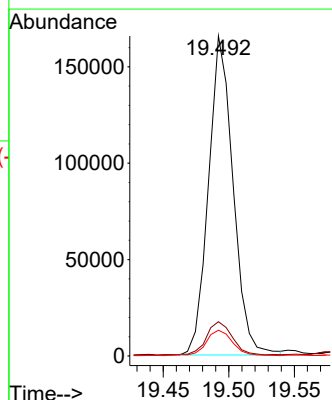
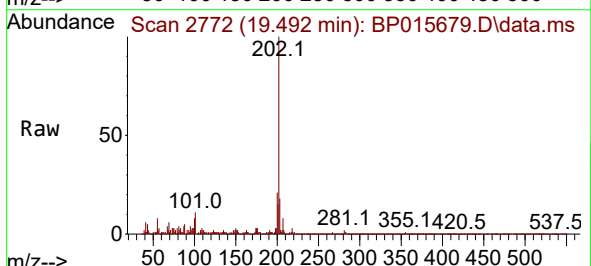
Tgt Ion:202 Resp: 216302

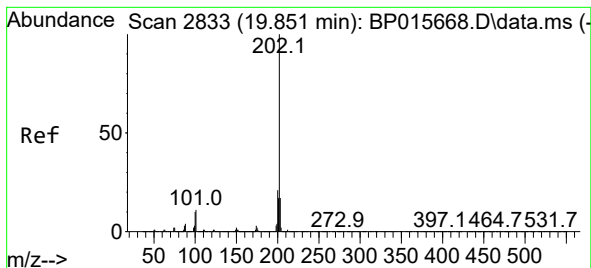
Ion Ratio Lower Upper

202 100

101 10.7 8.6 13.0

100 8.1 6.6 9.8





#82

Pyrene

Concen: 5.027 ng/ul

RT: 19.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5

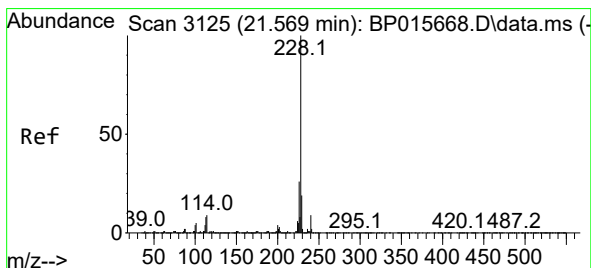
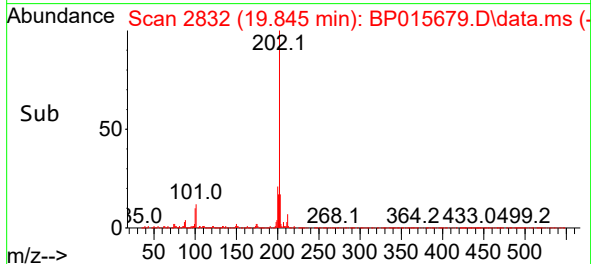
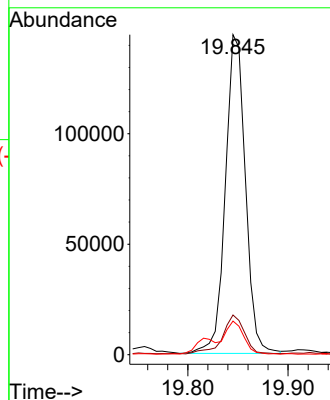
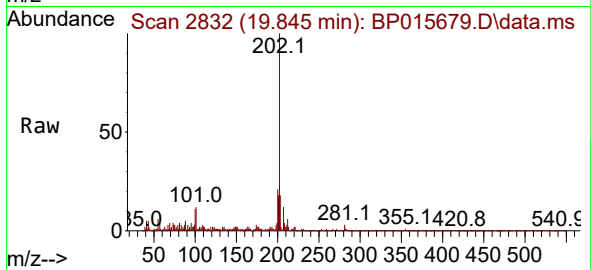
Tgt Ion:202 Resp: 199958

Ion Ratio Lower Upper

202 100

101 12.4 9.9 14.9

100 10.5 8.4 12.6



#85

Benzo(a)anthracene

Concen: 3.379 ng/ul

RT: 21.568 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

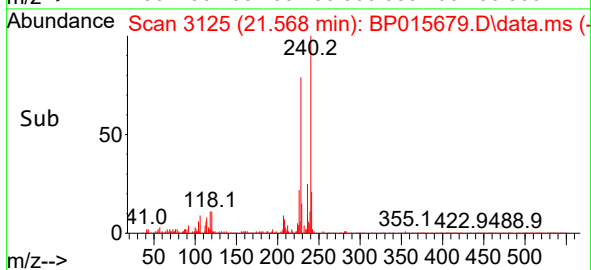
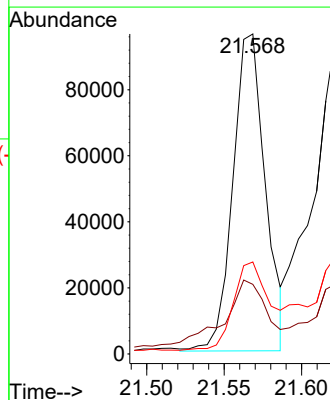
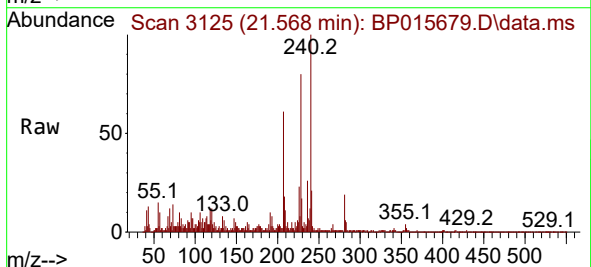
Tgt Ion:228 Resp: 139310

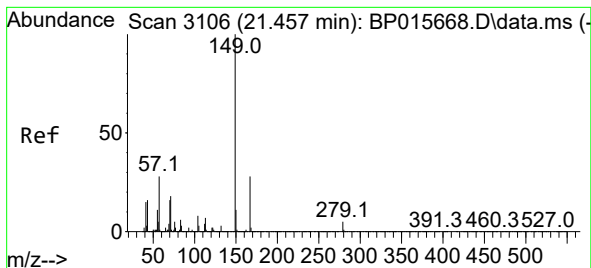
Ion Ratio Lower Upper

228 100

229 21.8 15.8 23.6

226 28.8 21.8 32.6





#86

Bis(2-ethylhexyl)phthalate

Concen: 2.627 ng/ul

RT: 21.451 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5

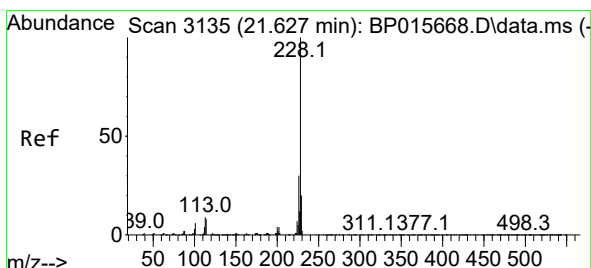
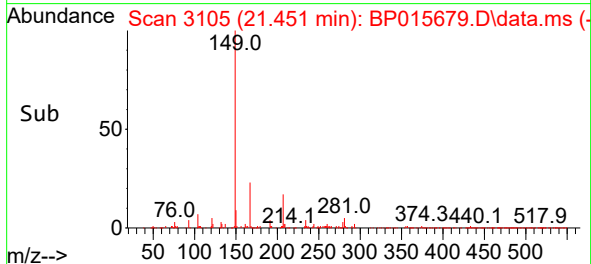
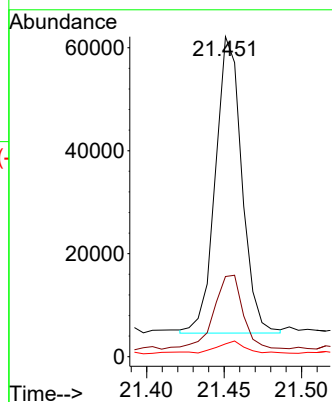
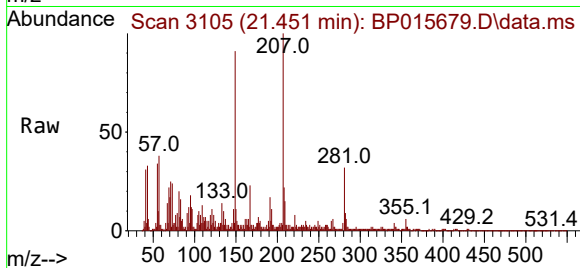
Tgt Ion:149 Resp: 68261

Ion Ratio Lower Upper

149 100

167 25.0 21.8 32.8

279 4.0 3.7 5.5



#87

Chrysene

Concen: 4.104 ng/ul

RT: 21.621 min Scan# 3134

Delta R.T. 0.000 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

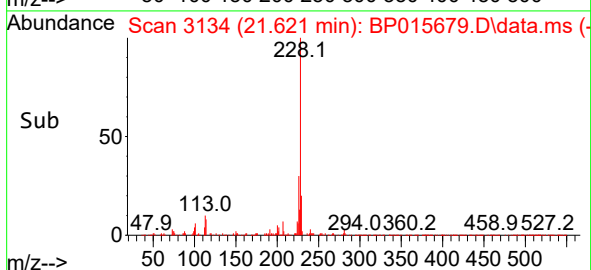
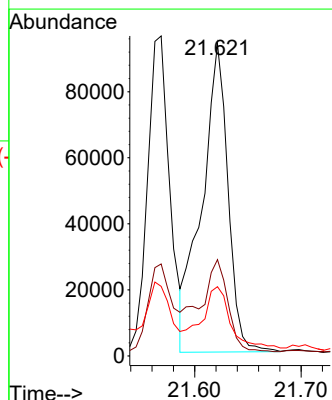
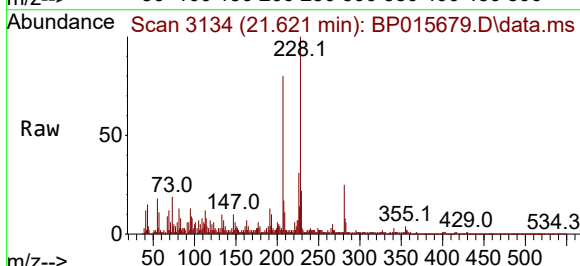
Tgt Ion:228 Resp: 159920

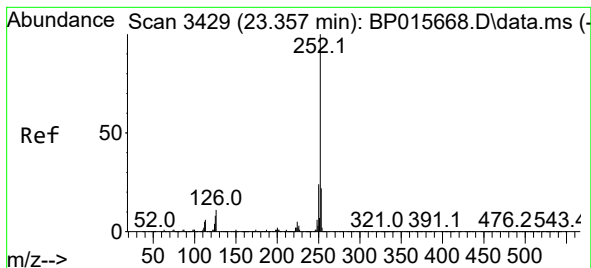
Ion Ratio Lower Upper

228 100

226 30.8 23.9 35.9

229 22.2 15.1 22.7





#90

Benzo(b)fluoranthene

Concen: 5.379 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. 0.012 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5

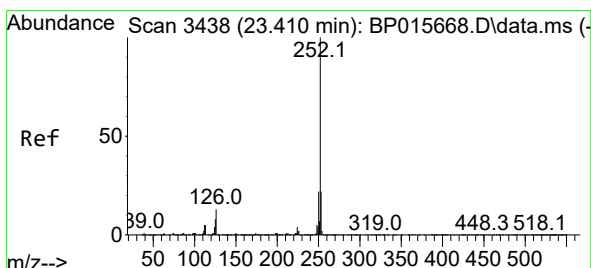
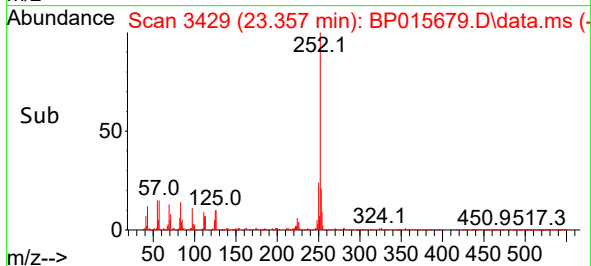
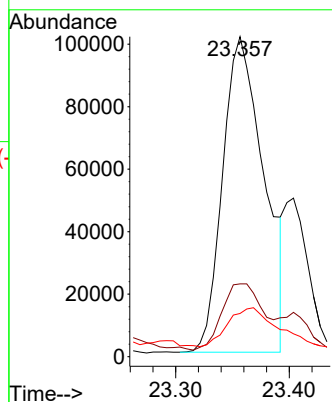
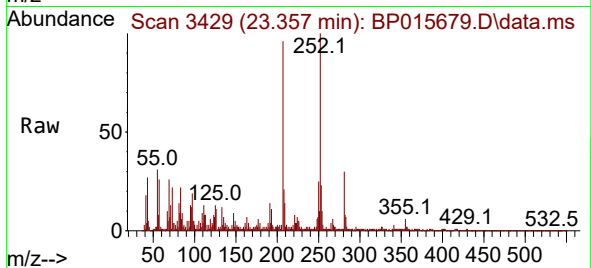
Tgt Ion:252 Resp: 255042

Ion Ratio Lower Upper

252 100

253 22.8 17.4 26.2

125 13.5 7.3 10.9#



#91

Benzo(k)fluoranthene

Concen: 5.564 ng/ul

RT: 23.357 min Scan# 3429

Delta R.T. -0.041 min

Lab File: BP015679.D

Acq: 23 Jun 2023 19:27

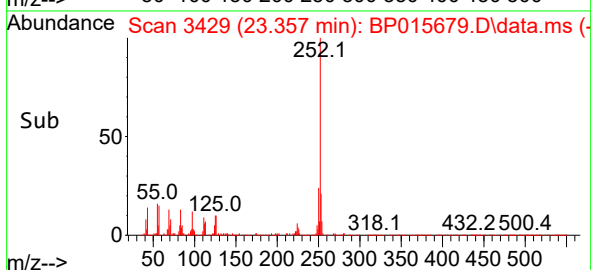
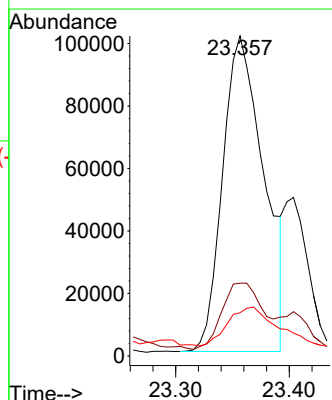
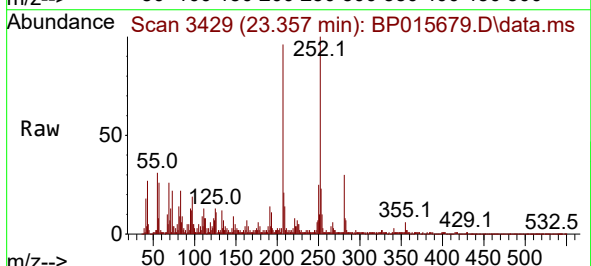
Tgt Ion:252 Resp: 255042

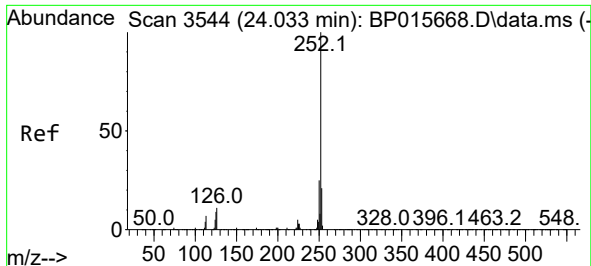
Ion Ratio Lower Upper

252 100

253 22.8 17.7 26.5

125 13.5 7.3 10.9#

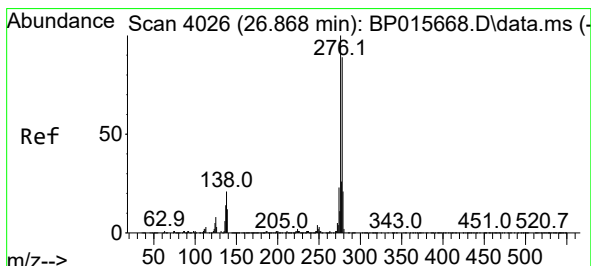
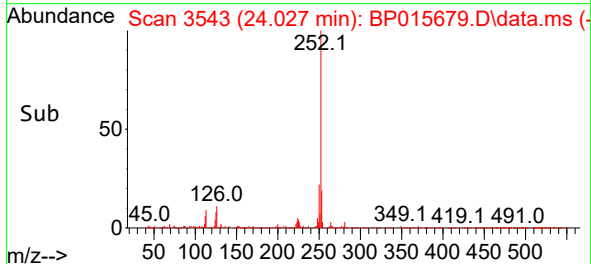
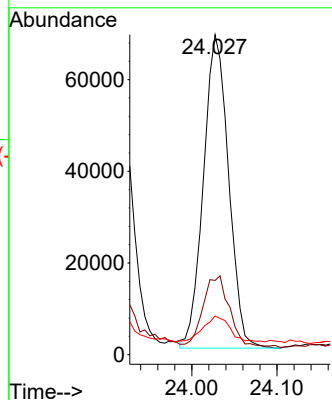
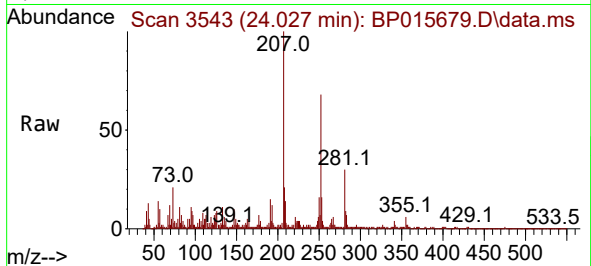




#93
Benzo(a)pyrene
Concen: 3.393 ng/ul
RT: 24.027 min Scan# 3543
Delta R.T. 0.006 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

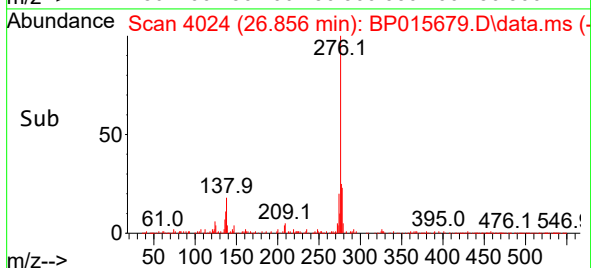
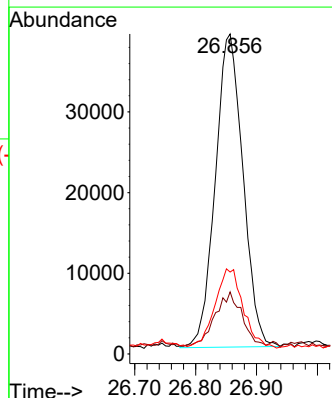
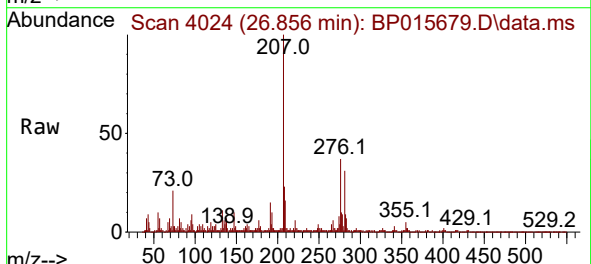
Instrument :
BNA_P
ClientSampleId :
DCFN5

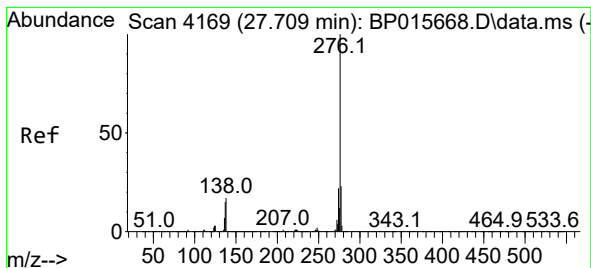
Tgt Ion:252 Resp: 140264
Ion Ratio Lower Upper
252 100
253 23.2 17.8 26.6
125 12.1 8.1 12.1



#94
Indeno(1,2,3-cd)pyrene
Concen: 2.289 ng/ul
RT: 26.856 min Scan# 4024
Delta R.T. 0.018 min
Lab File: BP015679.D
Acq: 23 Jun 2023 19:27

Tgt Ion:276 Resp: 122444
Ion Ratio Lower Upper
276 100
138 19.4 17.3 25.9
277 25.6 20.2 30.2





#96

Benzo(g,h,i)perylene

Concen: 2.518 ng/ul

RT: 27.692 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP015679.D

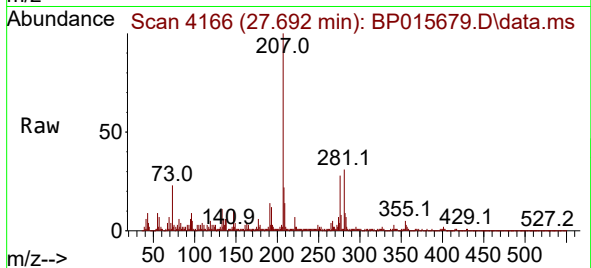
Acq: 23 Jun 2023 19:27

Instrument :

BNA_P

ClientSampleId :

DCFN5



Tgt Ion:276 Resp: 111035

Ion Ratio Lower Upper

276 100

138 22.2 15.6 23.4

277 27.3 19.0 28.6

