

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062623\
 Data File : BP015723.D
 Acq On : 26 Jun 2023 20:09
 Operator : MA/JU
 Sample : 03084-13
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN0

Quant Time: Jun 27 02:34:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 27 00:56:58 2023
 Response via : Initial Calibration

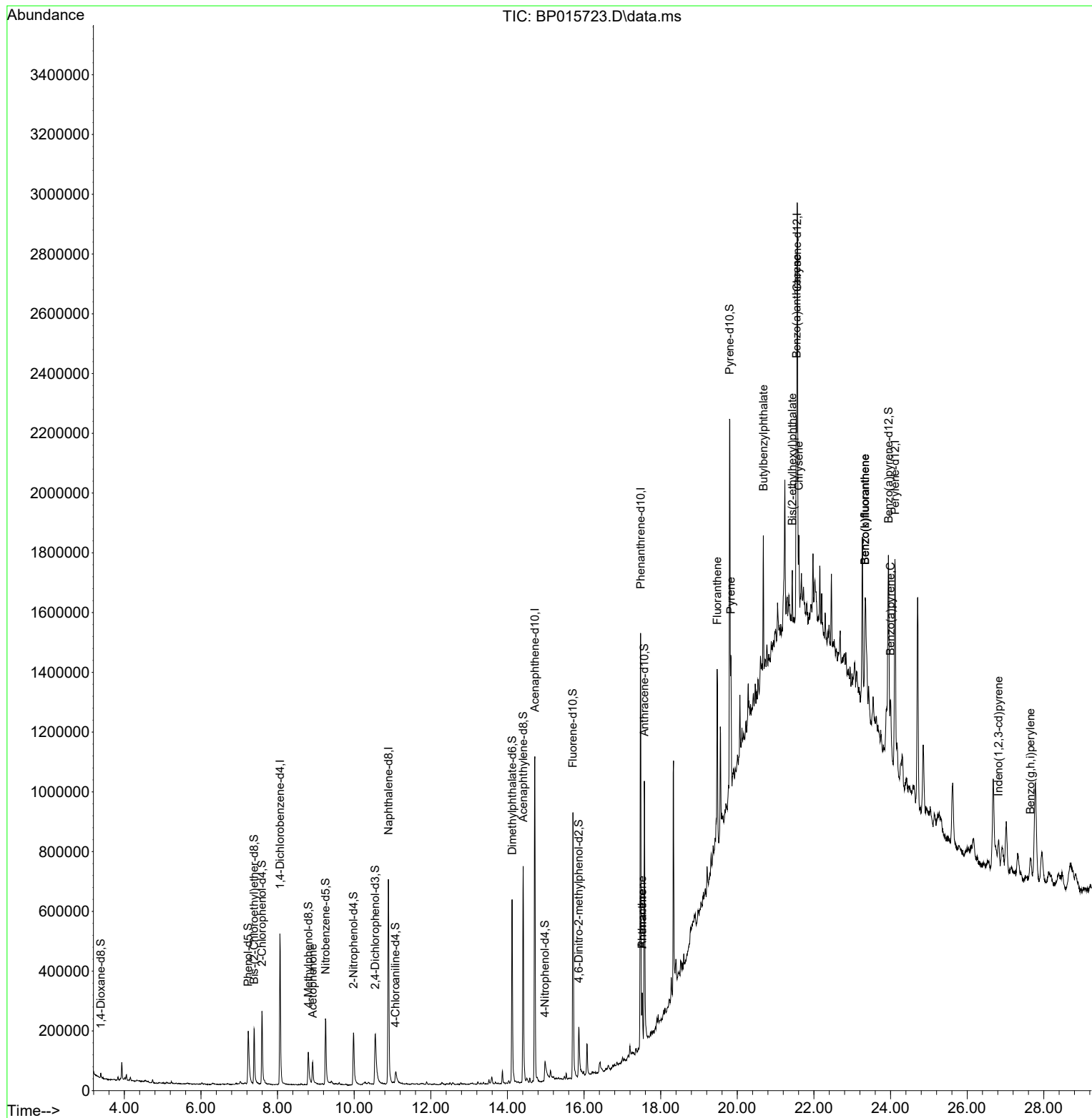
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	144772	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	595251	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	381198	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	827727	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	623232	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	595195	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	7769	1.931	ng/uL	0.00
4) Pyridine-d5	3.817	84	700	0.069	ng/ul	-0.01
7) Phenol-d5	7.234	99	135936	10.974	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	94123	12.282	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	116287	12.436	ng/ul	0.00
15) 4-Methylphenol-d8	8.804	113	58082	5.936	ng/ul	0.02
21) Nitrobenzene-d5	9.252	128	57395	12.617	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	65529	12.342	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	103194	10.907	ng/ul	0.03
31) 4-Chloroaniline-d4	11.081	131	33098	2.723	ng/ul	0.04
46) Dimethylphthalate-d6	14.122	166	430123	14.598	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	474754	14.334	ng/ul	0.00
54) 4-Nitrophenol-d4	14.981	143	31054	7.987	ng/ul	0.04
60) Fluorene-d10	15.710	176	375308	15.470	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	49140	9.653	ng/ul	0.00
73) Anthracene-d10	17.575	188	538244	14.236	ng/ul	0.00
81) Pyrene-d10	19.798	212	672521	16.526	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.951	264	482506	16.071	ng/ul	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.916	105	45125	2.805	ng/ul	95
72) Phenanthrene	17.516	178	98402	2.188	ng/ul	98
74) Anthracene	17.516	178	99004	2.191	ng/ul	99
80) Fluoranthene	19.474	202	319657	6.320	ng/ul	99
82) Pyrene	19.833	202	261270	5.064	ng/ul	99
83) Butylbenzylphthalate	20.680	149	126070	5.990	ng/ul	90
85) Benzo(a)anthracene	21.551	228	152815	3.486	ng/ul#	94
86) Bis(2-ethylhexyl)phtha...	21.433	149	55678	1.925	ng/ul	99
87) Chrysene	21.604	228	180590	4.342	ng/ul#	94
90) Benzo(b)fluoranthene	23.333	252	251211	6.569	ng/ul#	91
91) Benzo(k)fluoranthene	23.333	252	251211	6.501	ng/ul#	90
93) Benzo(a)pyrene	23.998	252	141415	4.232	ng/ul#	93
94) Indeno(1,2,3-cd)pyrene	26.815	276	117645	2.593	ng/ul	95
96) Benzo(g,h,i)perylene	27.651	276	107681	2.885	ng/ul	98

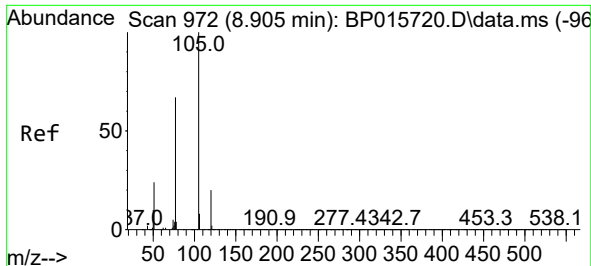
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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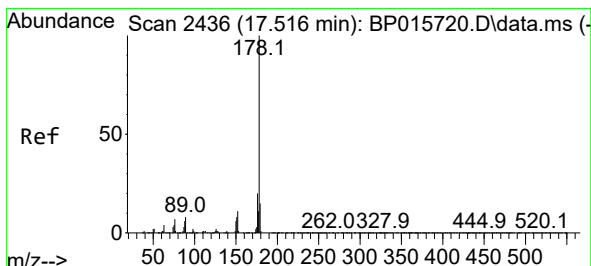
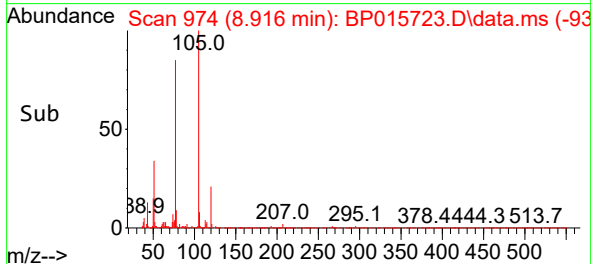
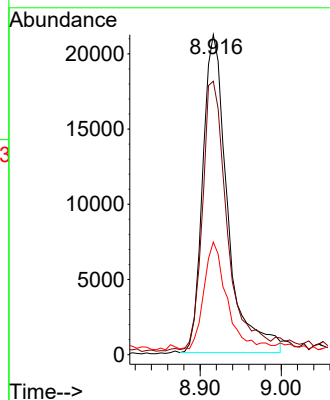
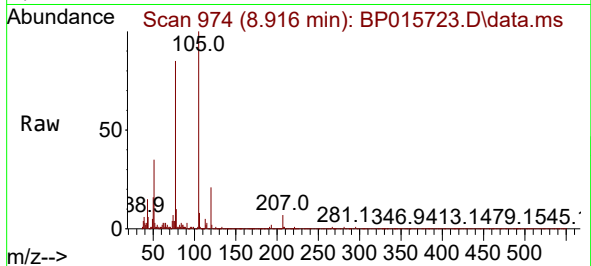




#16
Acetophenone
Concen: 2.805 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. 0.012 min
Lab File: BP015723.D
Acq: 26 Jun 2023 20:09

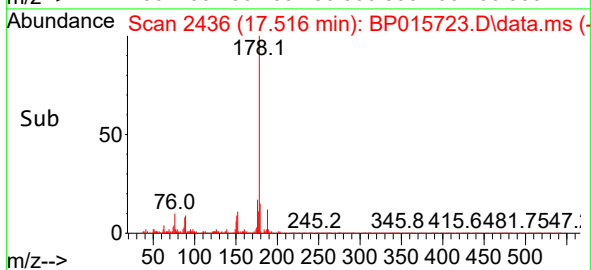
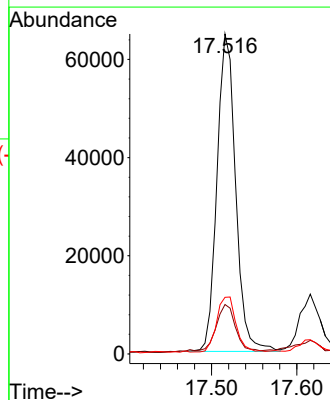
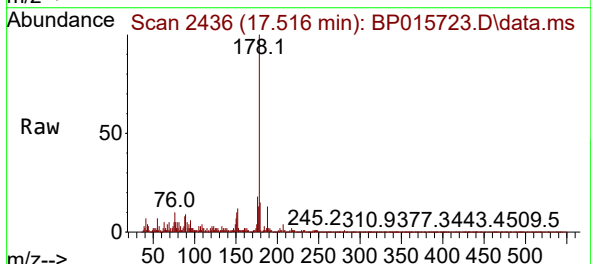
Instrument :
BNA_P
ClientSampleId :
DCFN0

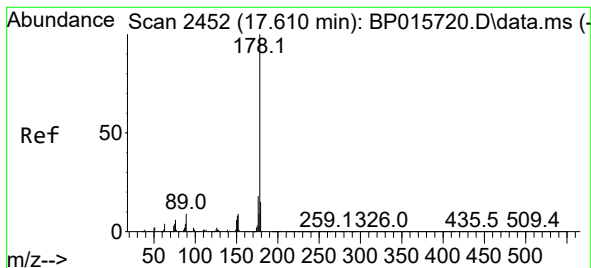
Tgt Ion:105 Resp: 45125
Ion Ratio Lower Upper
105 100
77 85.5 65.0 97.4
51 35.2 25.1 37.7



#72
Phenanthrene
Concen: 2.188 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015723.D
Acq: 26 Jun 2023 20:09

Tgt Ion:178 Resp: 98402
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 17.7 15.6 23.4





#74

Anthracene

Concen: 2.191 ng/ul

RT: 17.516 min Scan# 2452

Delta R.T. -0.094 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

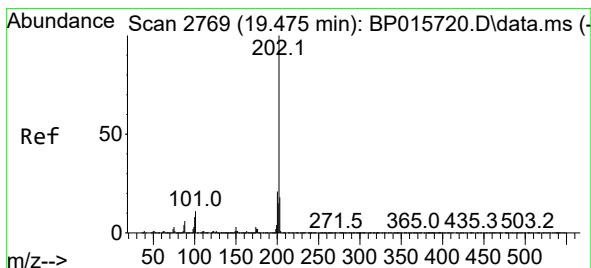
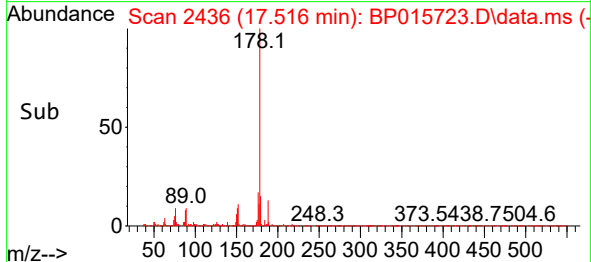
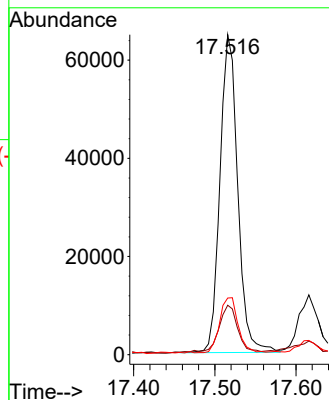
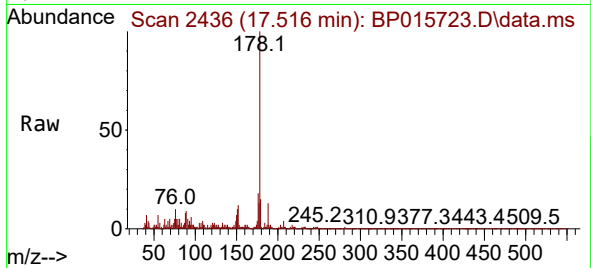
Tgt Ion:178 Resp: 99004

Ion Ratio Lower Upper

178 100

179 15.4 12.1 18.1

176 17.7 14.6 22.0



#80

Fluoranthene

Concen: 6.320 ng/ul

RT: 19.474 min Scan# 2769

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

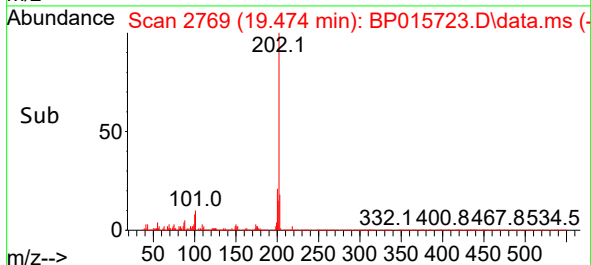
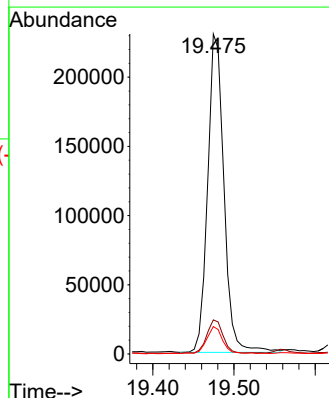
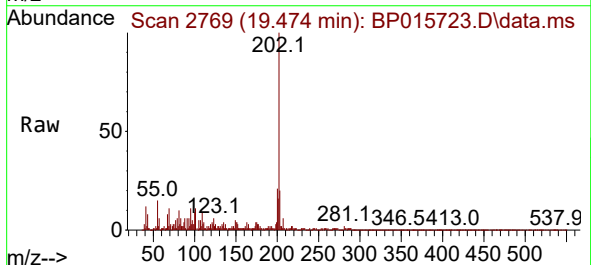
Tgt Ion:202 Resp: 319657

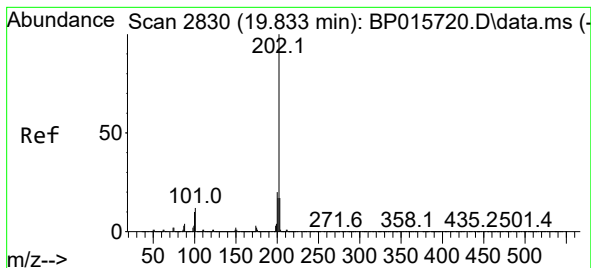
Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

100 8.5 6.6 9.8





#82

Pyrene

Concen: 5.064 ng/ul

RT: 19.833 min Scan# 2830

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

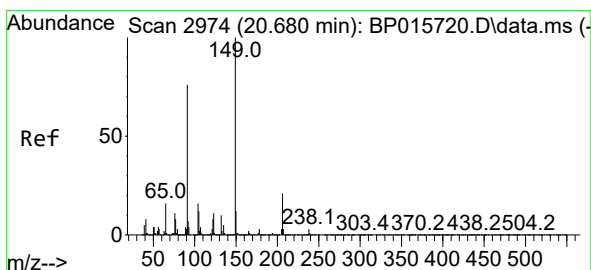
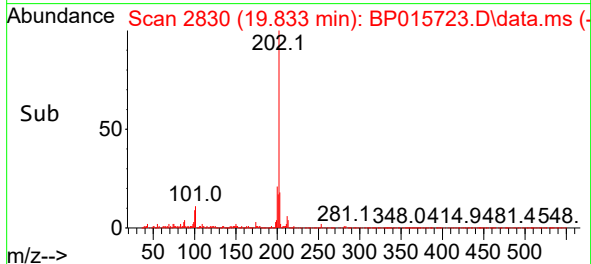
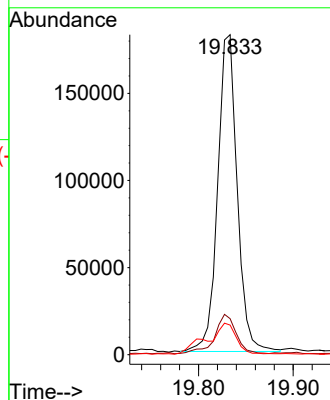
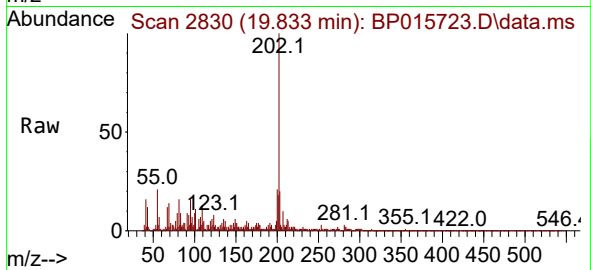
Tgt Ion:202 Resp: 261270

Ion Ratio Lower Upper

202 100

101 11.3 9.3 13.9

100 9.3 7.6 11.4



#83

Butylbenzylphthalate

Concen: 5.990 ng/ul

RT: 20.680 min Scan# 2974

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

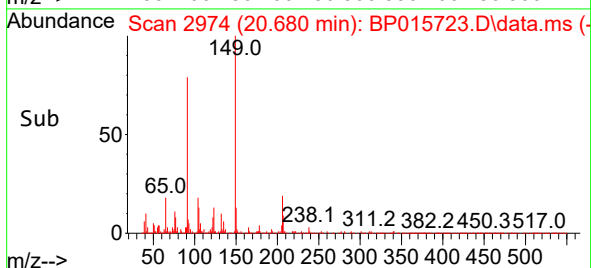
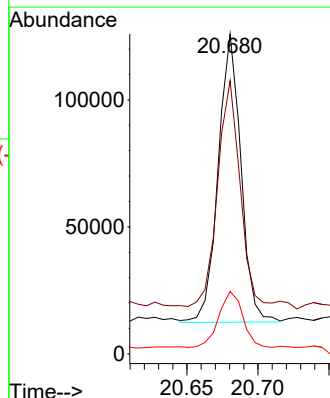
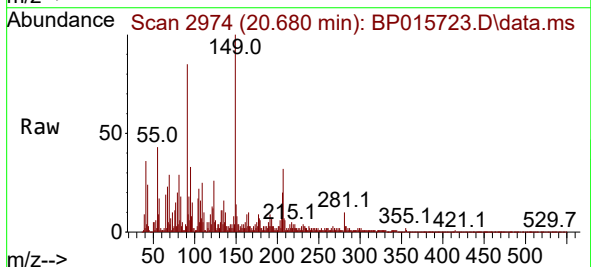
Tgt Ion:149 Resp: 126070

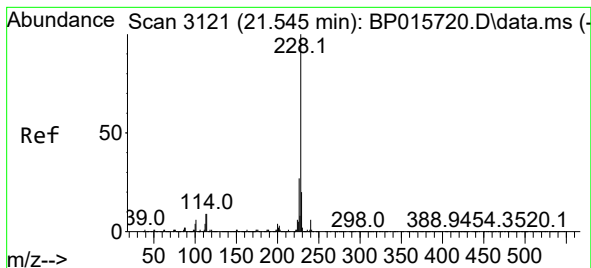
Ion Ratio Lower Upper

149 100

91 85.3 59.8 89.6

206 19.5 16.4 24.6





#85

Benzo(a)anthracene

Concen: 3.486 ng/ul

RT: 21.551 min Scan# 3121

Delta R.T. 0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

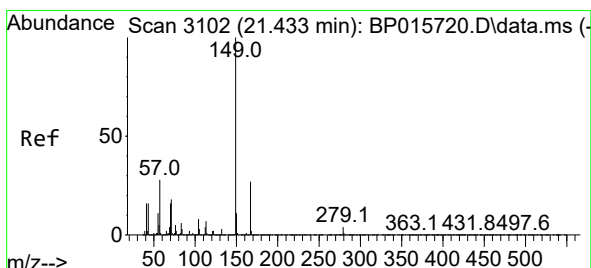
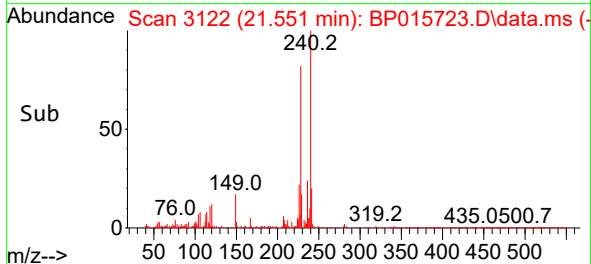
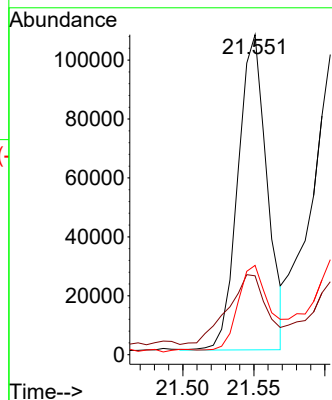
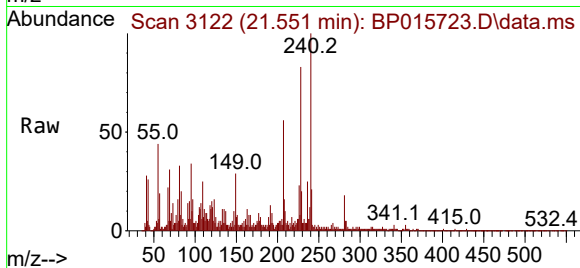
Tgt Ion:228 Resp: 152815

Ion Ratio Lower Upper

228 100

229 24.7 15.3 22.9#

226 27.9 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 1.925 ng/ul

RT: 21.433 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

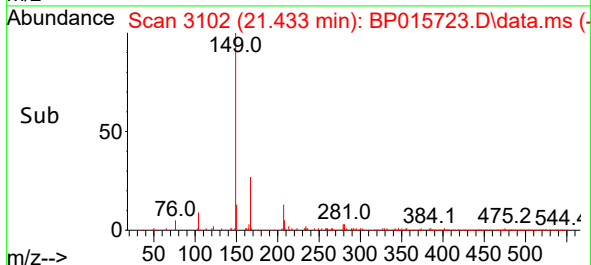
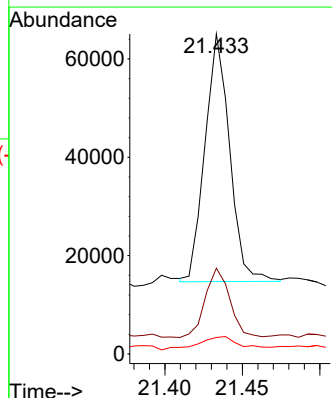
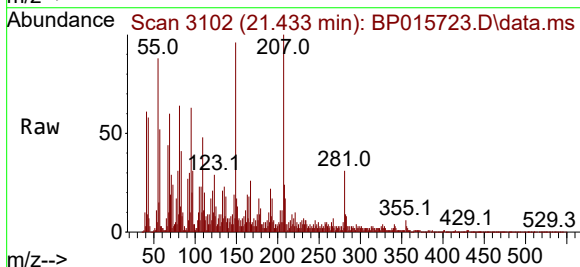
Tgt Ion:149 Resp: 55678

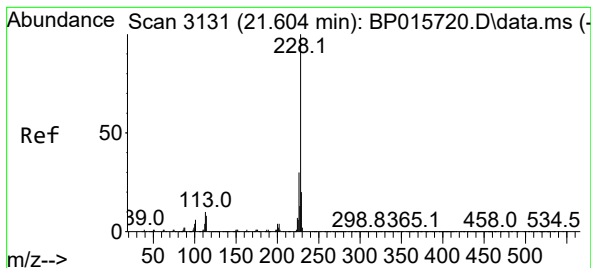
Ion Ratio Lower Upper

149 100

167 26.8 21.0 31.6

279 5.1 3.8 5.6





#87

Chrysene

Concen: 4.342 ng/ul

RT: 21.604 min Scan# 3131

Delta R.T. -0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

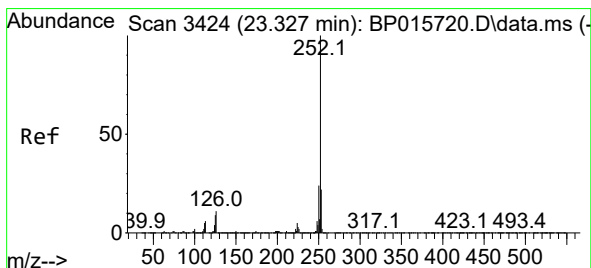
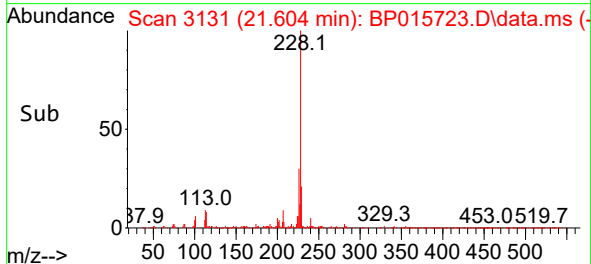
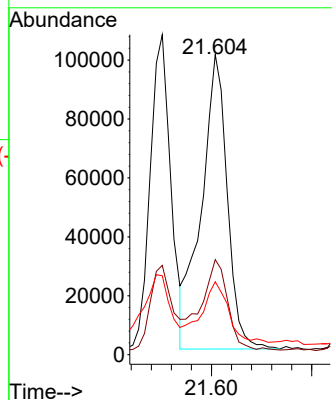
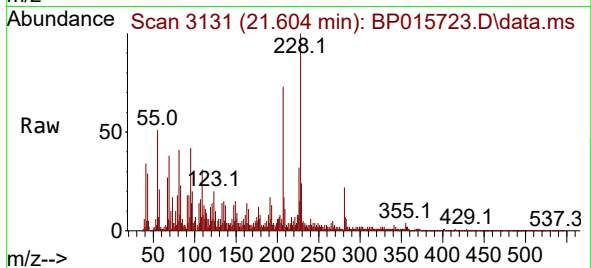
Tgt Ion:228 Resp: 180590

Ion Ratio Lower Upper

228 100

226 31.7 24.3 36.5

229 24.3 15.5 23.3#



#90

Benzo(b)fluoranthene

Concen: 6.569 ng/ul

RT: 23.333 min Scan# 3425

Delta R.T. 0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

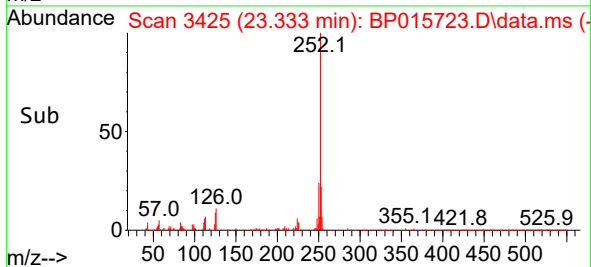
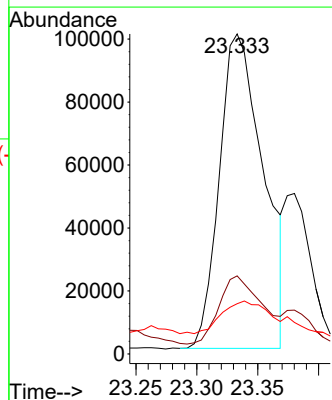
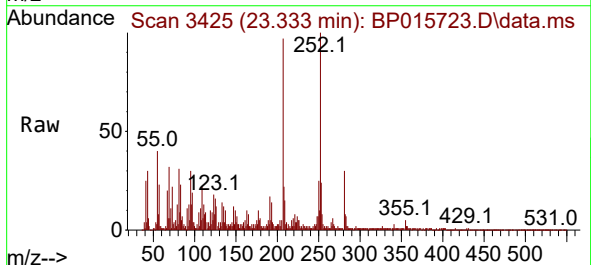
Tgt Ion:252 Resp: 251211

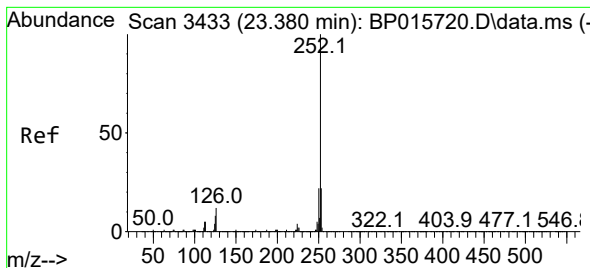
Ion Ratio Lower Upper

252 100

253 24.4 17.3 25.9

125 15.7 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 6.501 ng/ul

RT: 23.333 min Scan# 34

Delta R.T. -0.047 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

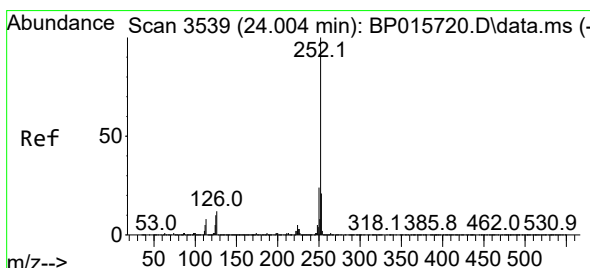
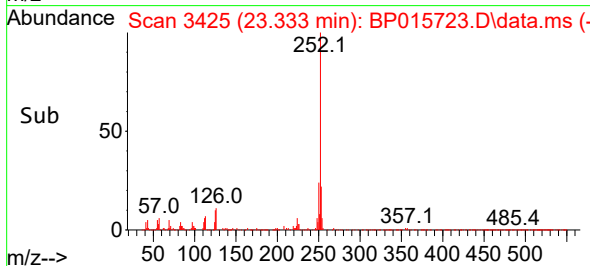
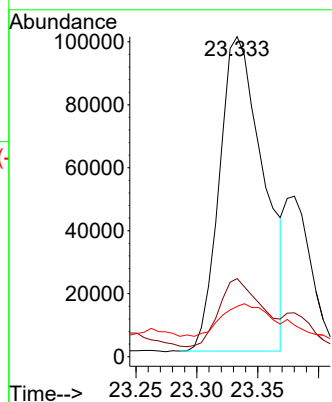
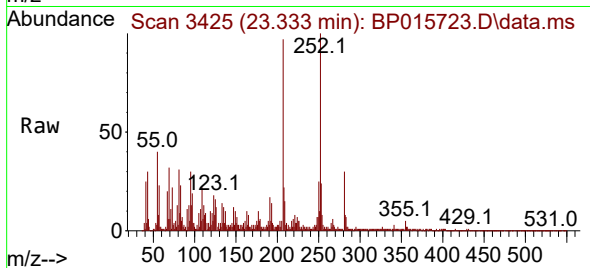
Tgt Ion:252 Resp: 251211

Ion Ratio Lower Upper

252 100

253 24.4 17.0 25.4

125 15.7 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 4.232 ng/ul

RT: 23.998 min Scan# 3538

Delta R.T. -0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

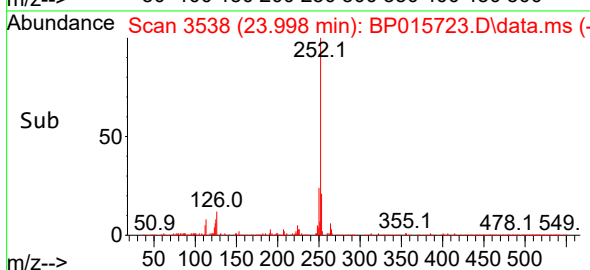
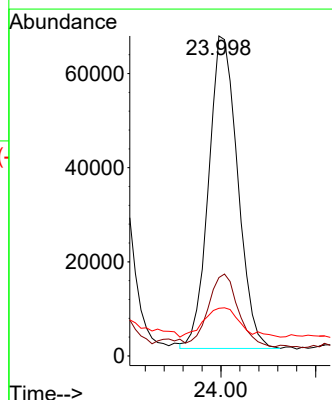
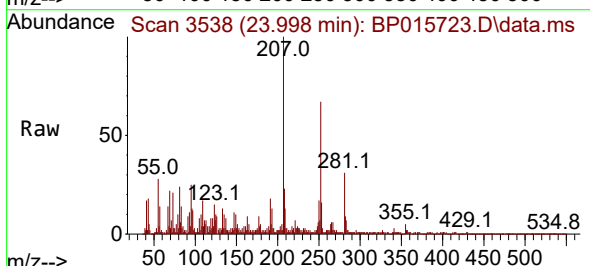
Tgt Ion:252 Resp: 141415

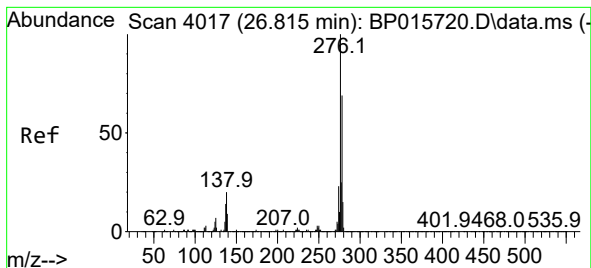
Ion Ratio Lower Upper

252 100

253 24.5 17.7 26.5

125 14.9 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.593 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Instrument :

BNA_P

ClientSampleId :

DCFN0

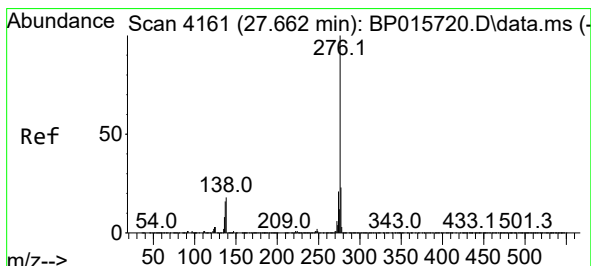
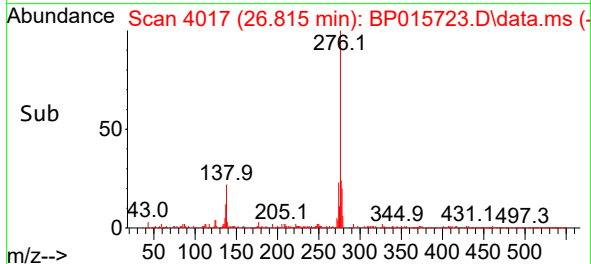
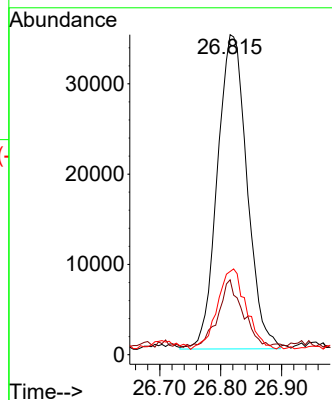
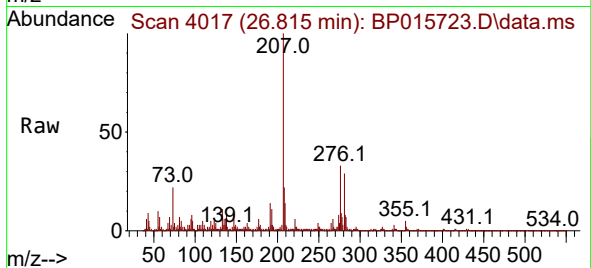
Tgt Ion:276 Resp: 117645

Ion Ratio Lower Upper

276 100

138 23.4 15.7 23.5

277 26.0 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 2.885 ng/ul

RT: 27.651 min Scan# 4159

Delta R.T. -0.006 min

Lab File: BP015723.D

Acq: 26 Jun 2023 20:09

Tgt Ion:276 Resp: 107681

Ion Ratio Lower Upper

276 100

138 18.6 15.1 22.7

277 22.3 18.8 28.2

