

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062723\
 Data File : BP015746.D
 Acq On : 27 Jun 2023 14:39
 Operator : MA/JU
 Sample : 03085-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFN7

Quant Time: Jun 27 22:10:24 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)

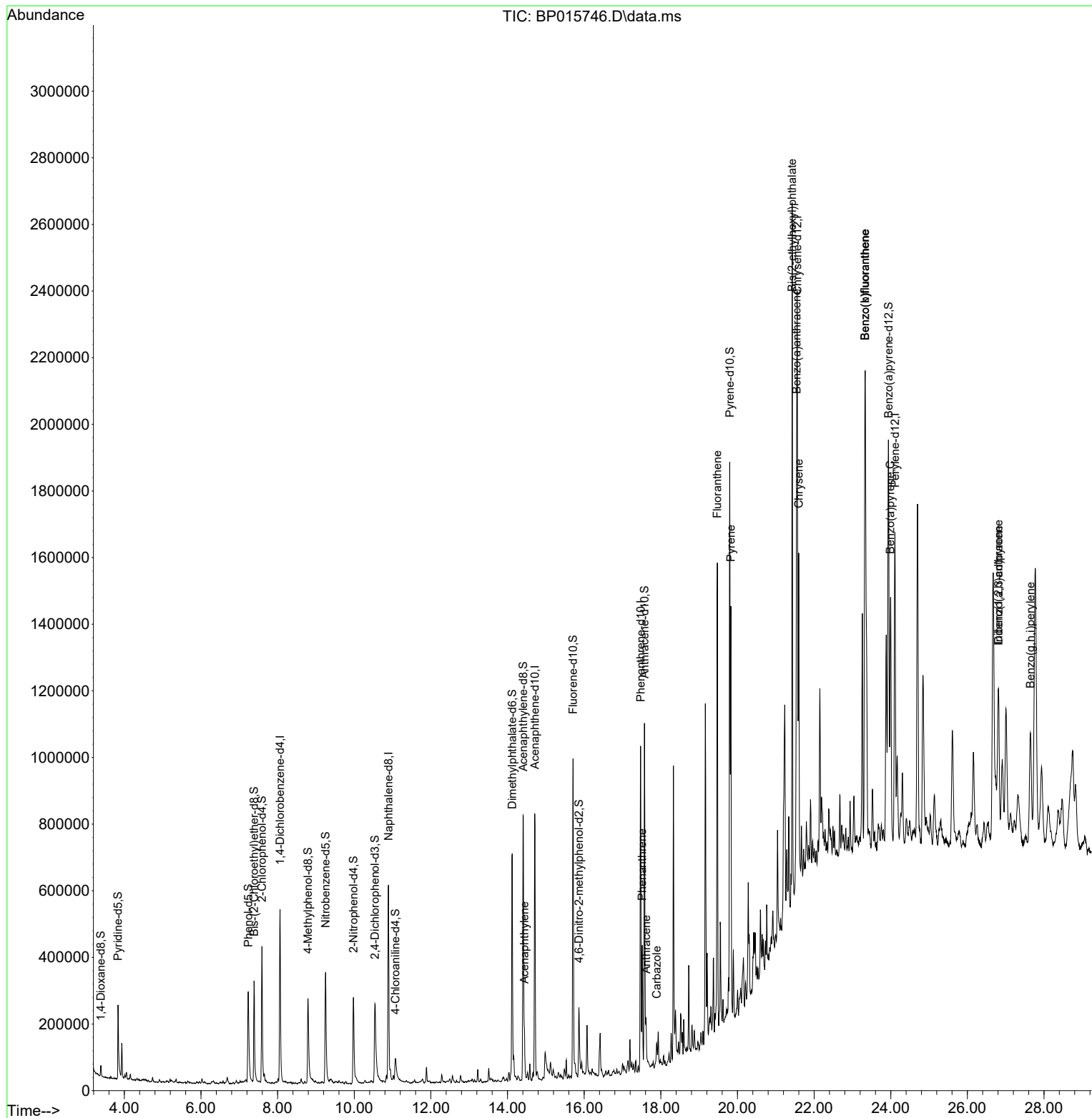
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	142727	20.000	ng/ul	0.00
20) Naphthalene-d8	10.893	136	507008	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.710	164	272688	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.475	188	584142	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	623099	20.000	ng/ul	0.00
88) Perylene-d12	24.110	264	775318	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.387	96	14450	3.643	ng/uL	0.00
4) Pyridine-d5	3.834	84	121162	12.116	ng/ul	0.00
7) Phenol-d5	7.234	99	208210	17.050	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.387	67	151152	20.006	ng/ul	0.00
11) 2-Chlorophenol-d4	7.593	132	183208	19.874	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	127077	13.172	ng/ul	0.00
21) Nitrobenzene-d5	9.252	128	84813	21.889	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	91934	20.329	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.540	165	142018	17.623	ng/ul	0.02
31) 4-Chloroaniline-d4	11.075	131	70164	6.778	ng/ul	0.04
46) Dimethylphthalate-d6	14.122	166	473776	22.479	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	530057	22.372	ng/ul	0.00
54) 4-Nitrophenol-d4	14.928	143	114	0.041	ng/ul	-0.02
60) Fluorene-d10	15.710	176	388234	22.371	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.863	200	57020	15.872	ng/ul	0.00
73) Anthracene-d10	17.575	188	587143	22.005	ng/ul	0.00
81) Pyrene-d10	19.798	212	782739	19.238	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.945	264	888950	22.729	ng/ul	0.00
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.440	152	91107	3.490	ng/ul	99
72) Phenanthrene	17.516	178	212056	6.682	ng/ul	100
74) Anthracene	17.616	178	93196	2.923	ng/ul	98
77) Carbazole	17.892	167	37851	1.408	ng/ul	95
80) Fluoranthene	19.475	202	779387	15.413	ng/ul	100
82) Pyrene	19.827	202	686165	13.303	ng/ul	98
85) Benzo(a)anthracene	21.545	228	556663	12.700	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.427	149	649036	22.442	ng/ul	99
87) Chrysene	21.598	228	627556	15.091	ng/ul	97
90) Benzo(b)fluoranthene	23.327	252	1007920	20.232	ng/ul	97
91) Benzo(k)fluoranthene	23.327	252	1007920	20.025	ng/ul#	97
93) Benzo(a)pyrene	23.992	252	613220	14.087	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.815	276	524287	8.872	ng/ul	98
95) Dibenzo(a,h)anthracene	26.809	278	149279	3.076	ng/ul#	78
96) Benzo(g,h,i)perylene	27.645	276	492121	10.123	ng/ul	99

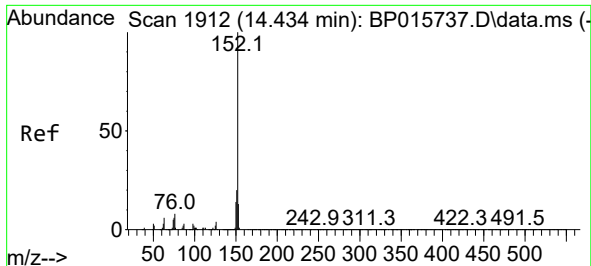
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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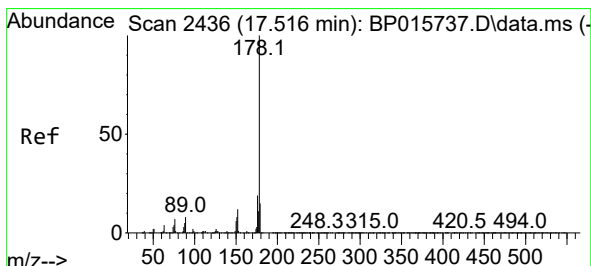
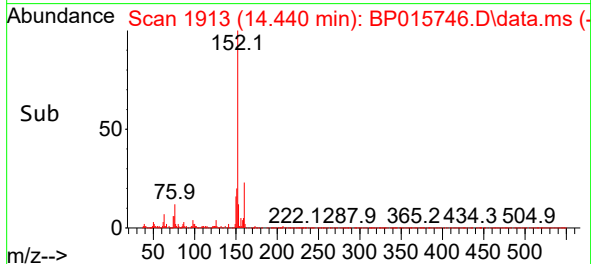
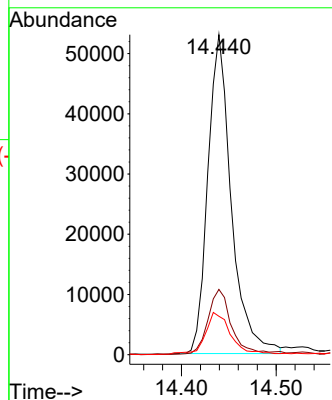
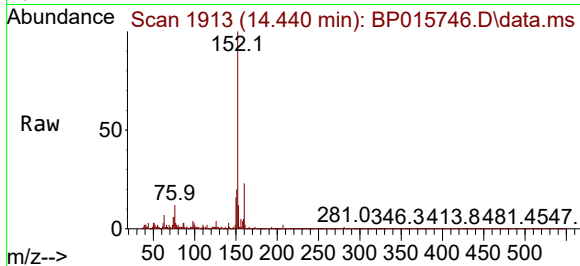




#50
Acenaphthylene
Concen: 3.490 ng/ul
RT: 14.440 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39

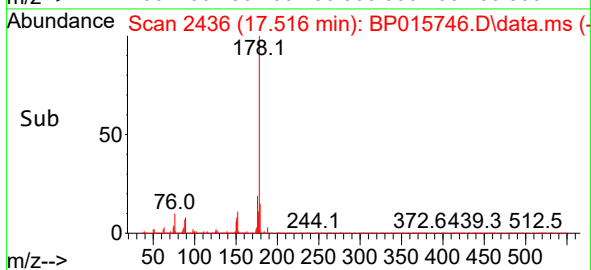
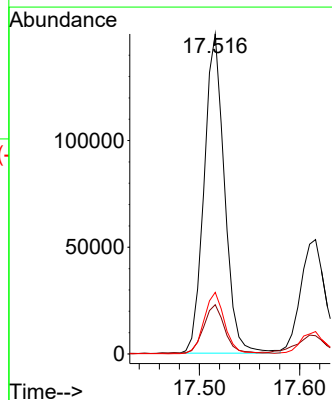
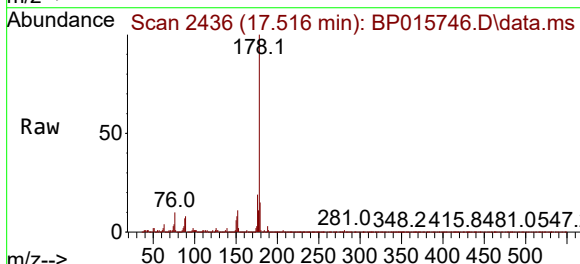
Instrument :
BNA_P
ClientSampleId :
DCFN7

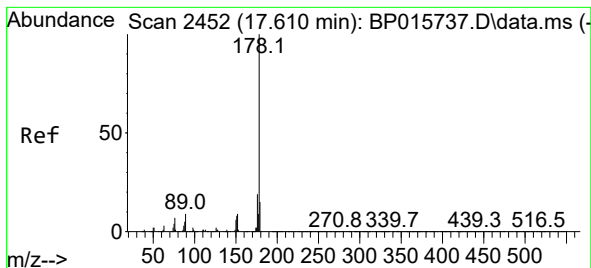
Tgt Ion:152 Resp: 91107
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 12.0 10.5 15.7



#72
Phenanthrene
Concen: 6.682 ng/ul
RT: 17.516 min Scan# 2436
Delta R.T. 0.000 min
Lab File: BP015746.D
Acq: 27 Jun 2023 14:39

Tgt Ion:178 Resp: 212056
Ion Ratio Lower Upper
178 100
179 15.4 12.4 18.6
176 19.3 15.6 23.4





#74

Anthracene

Concen: 2.923 ng/ul

RT: 17.616 min Scan# 2452

Delta R.T. 0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

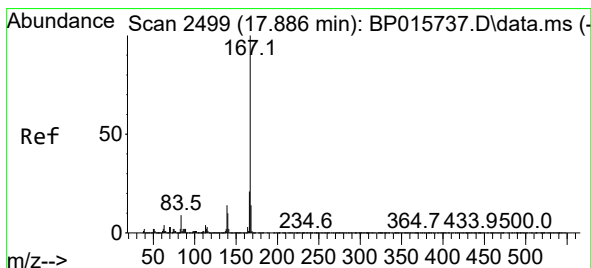
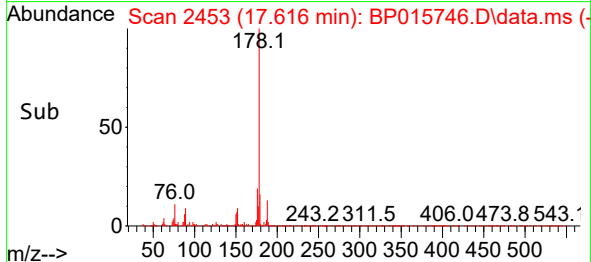
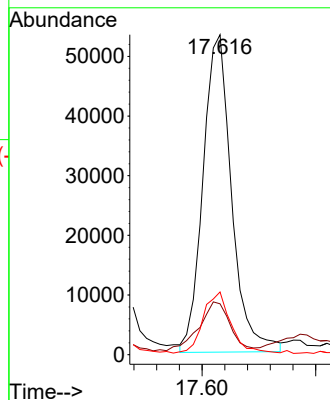
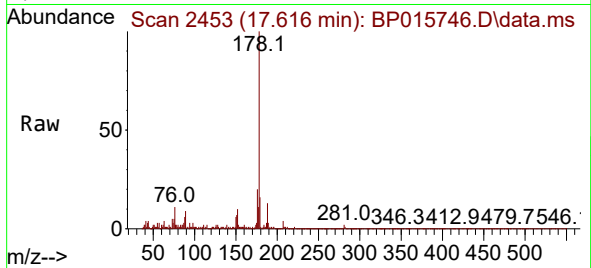
Tgt Ion:178 Resp: 93196

Ion Ratio Lower Upper

178 100

179 15.9 12.1 18.1

176 19.6 14.6 22.0



#77

Carbazole

Concen: 1.408 ng/ul

RT: 17.892 min Scan# 2500

Delta R.T. 0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

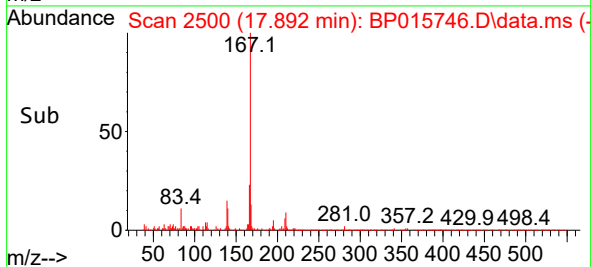
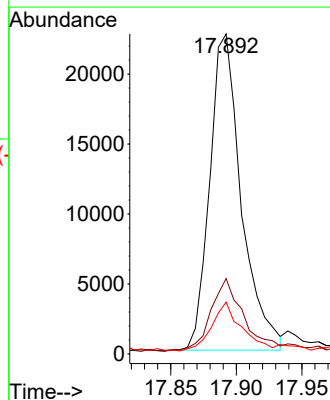
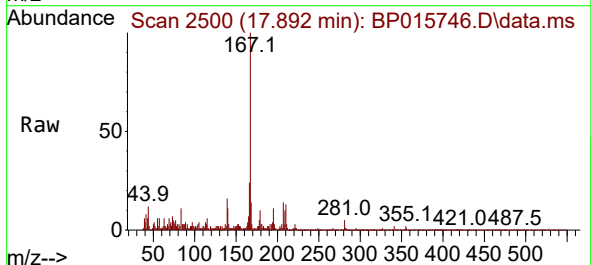
Tgt Ion:167 Resp: 37851

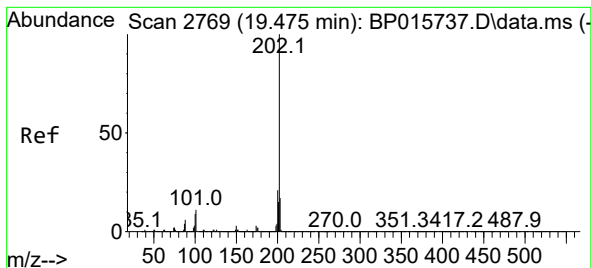
Ion Ratio Lower Upper

167 100

166 23.6 17.4 26.0

139 16.2 11.0 16.4





#80

Fluoranthene

Concen: 15.413 ng/ul

RT: 19.475 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

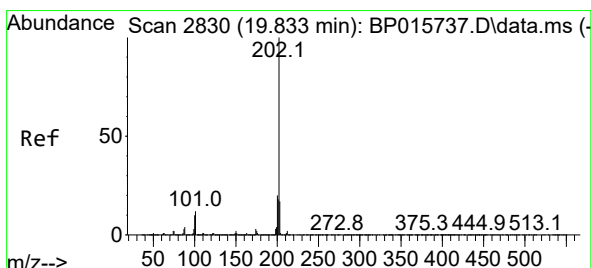
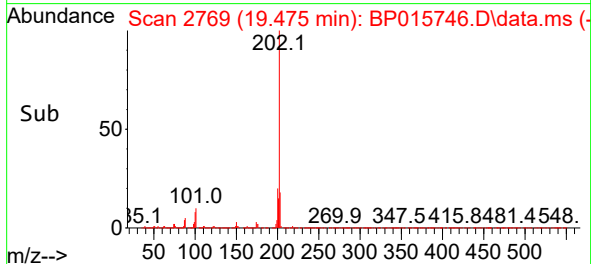
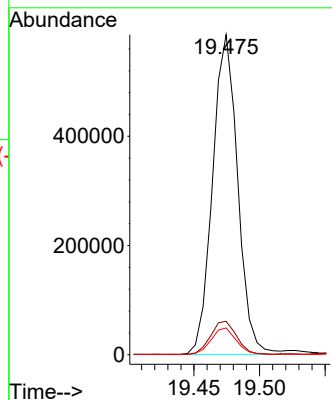
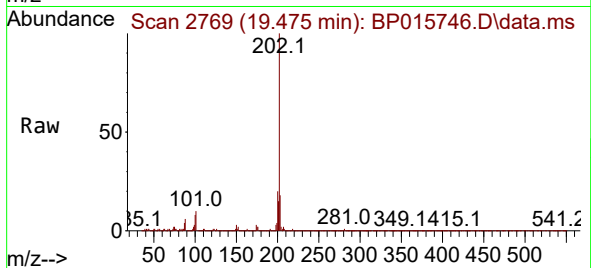
Tgt Ion:202 Resp: 779387

Ion Ratio Lower Upper

202 100

101 10.5 8.3 12.5

100 8.3 6.6 9.8



#82

Pyrene

Concen: 13.303 ng/ul

RT: 19.827 min Scan# 2829

Delta R.T. -0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

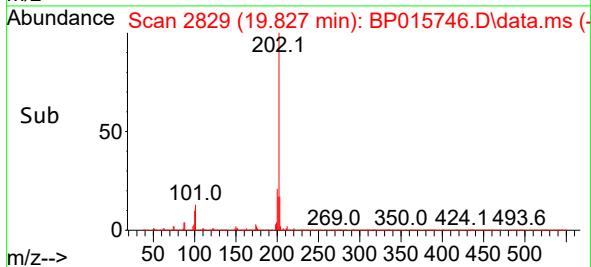
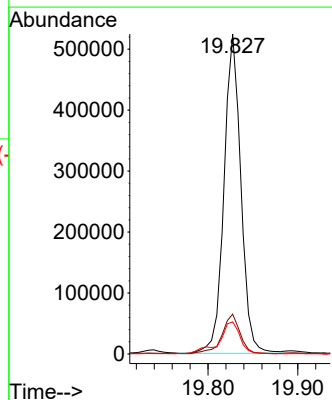
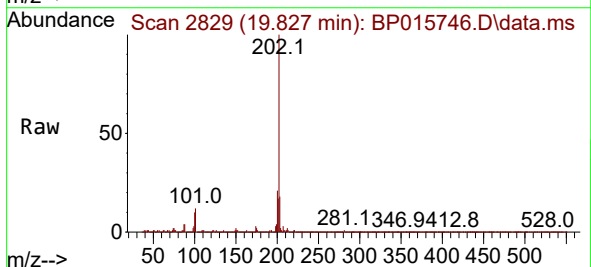
Tgt Ion:202 Resp: 686165

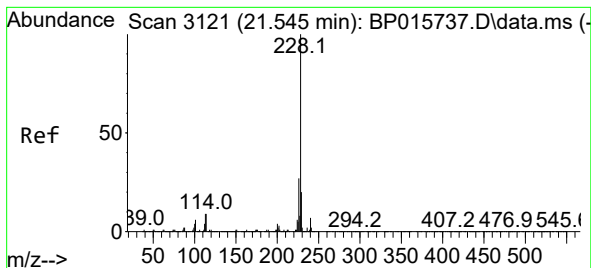
Ion Ratio Lower Upper

202 100

101 12.5 9.3 13.9

100 10.1 7.6 11.4





#85

Benzo(a)anthracene

Concen: 12.700 ng/ul

RT: 21.545 min Scan# 3121

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

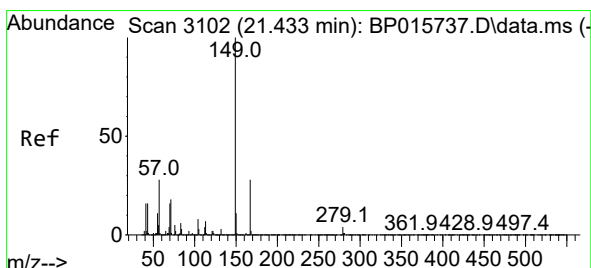
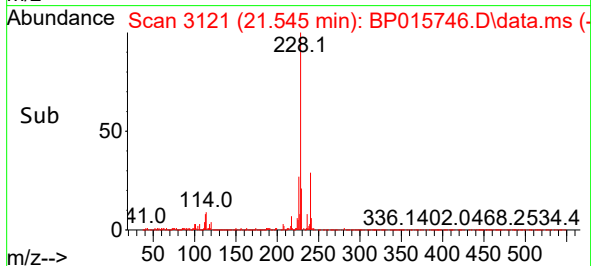
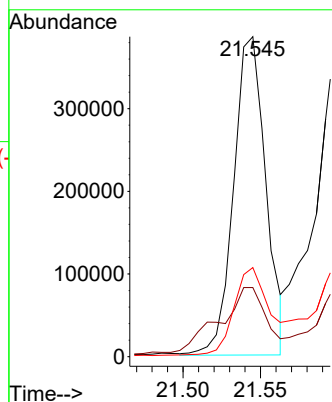
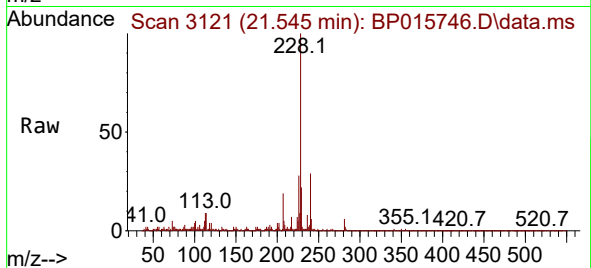
Tgt Ion:228 Resp: 556663

Ion Ratio Lower Upper

228 100

229 21.6 15.3 22.9

226 27.9 21.4 32.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.442 ng/ul

RT: 21.427 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

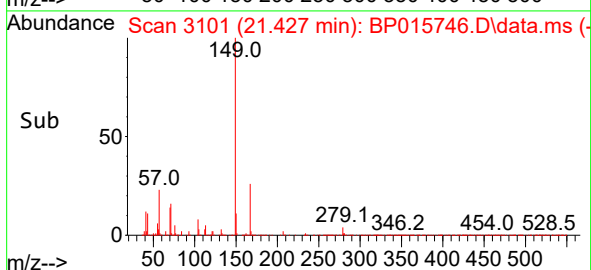
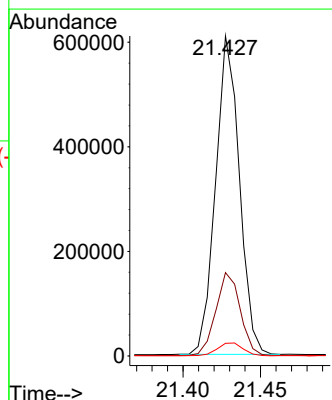
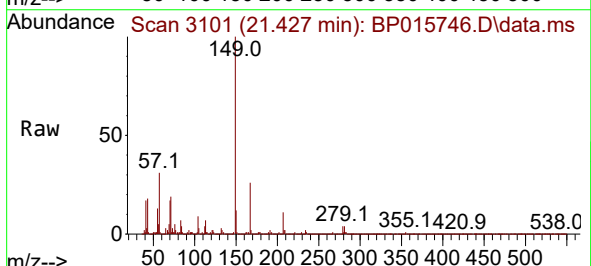
Tgt Ion:149 Resp: 649036

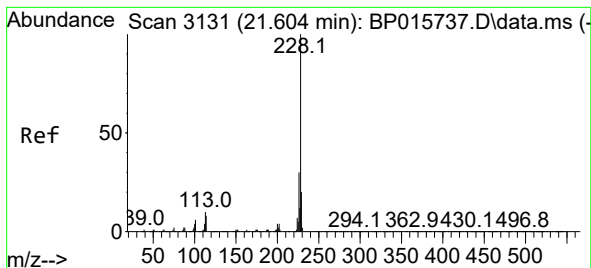
Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.6

279 4.0 3.8 5.6





#87

Chrysene

Concen: 15.091 ng/ul

RT: 21.598 min Scan# 3131

Delta R.T. -0.006 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

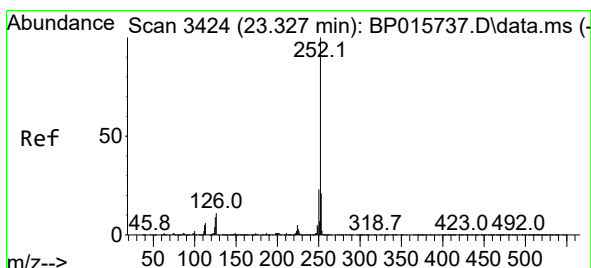
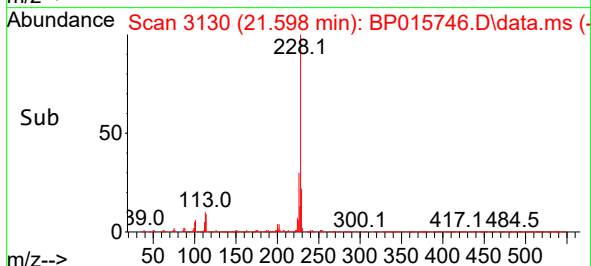
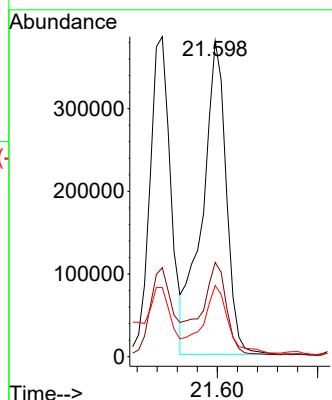
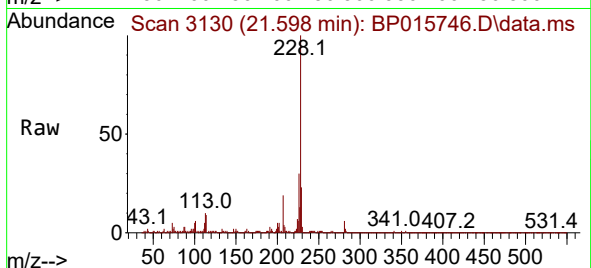
Tgt Ion:228 Resp: 627556

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

229 22.5 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 20.232 ng/ul

RT: 23.327 min Scan# 3424

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

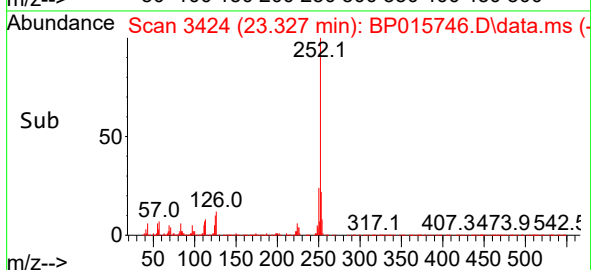
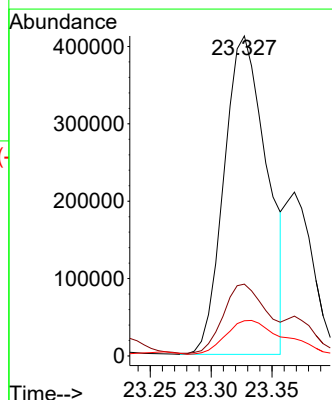
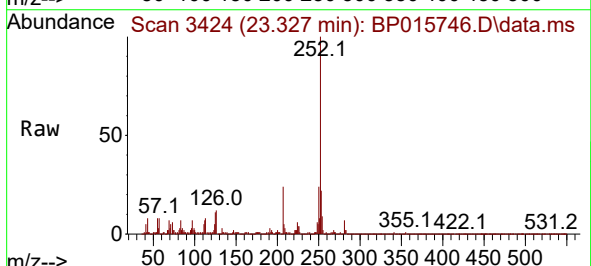
Tgt Ion:252 Resp: 1007920

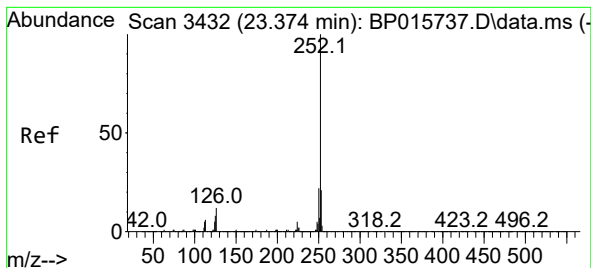
Ion Ratio Lower Upper

252 100

253 22.5 17.3 25.9

125 11.0 7.5 11.3





#91

Benzo(k)fluoranthene

Concen: 20.025 ng/ul

RT: 23.327 min Scan# 34

Delta R.T. -0.053 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

Instrument :

BNA_P

ClientSampleId :

DCFN7

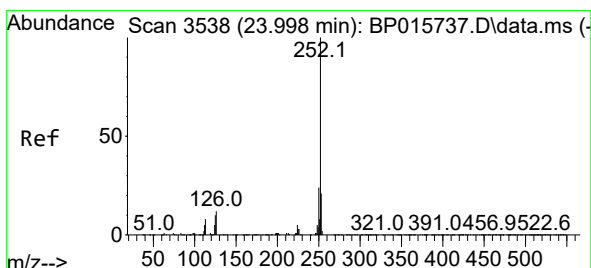
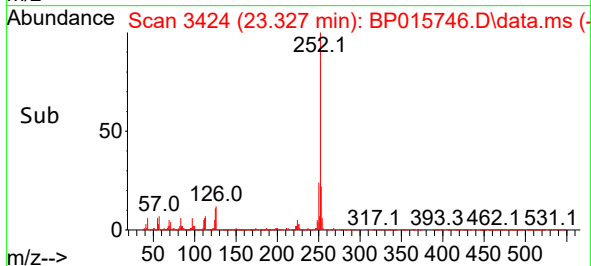
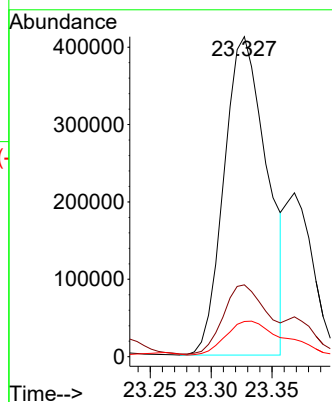
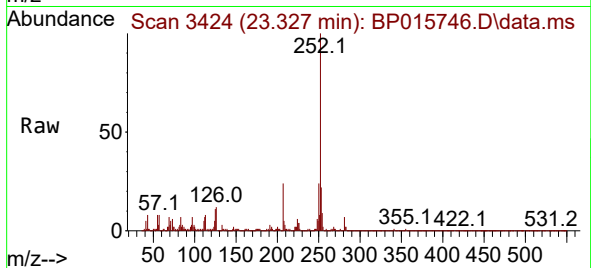
Tgt Ion:252 Resp: 1007920

Ion Ratio Lower Upper

252 100

253 22.5 17.0 25.4

125 11.0 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 14.087 ng/ul

RT: 23.992 min Scan# 3537

Delta R.T. -0.012 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

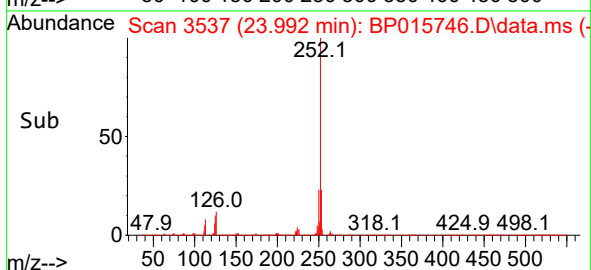
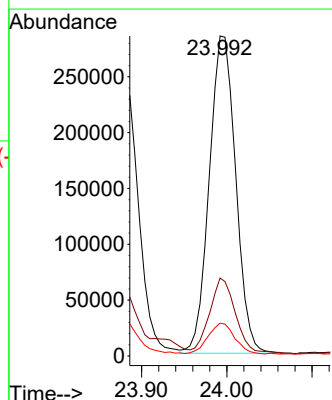
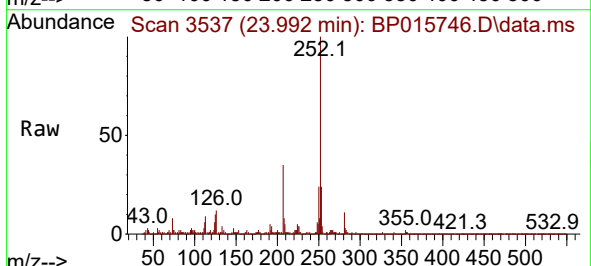
Tgt Ion:252 Resp: 613220

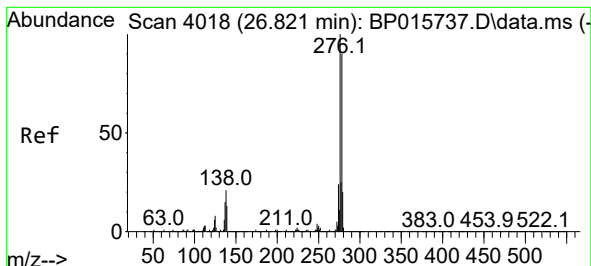
Ion Ratio Lower Upper

252 100

253 24.3 17.7 26.5

125 10.3 8.2 12.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 8.872 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.000 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

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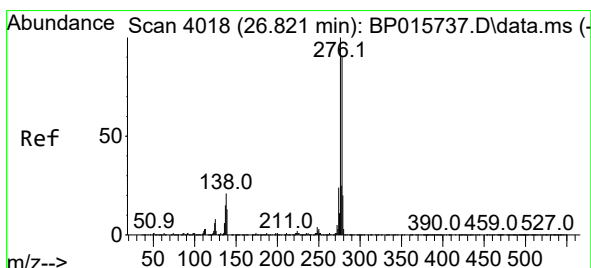
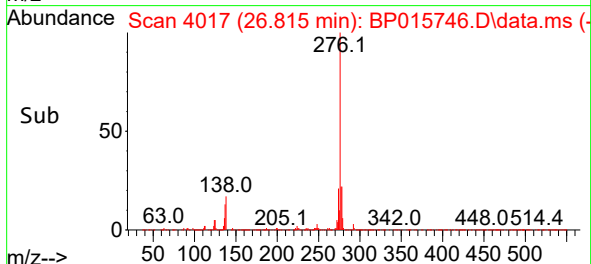
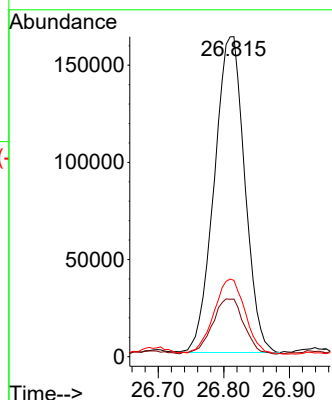
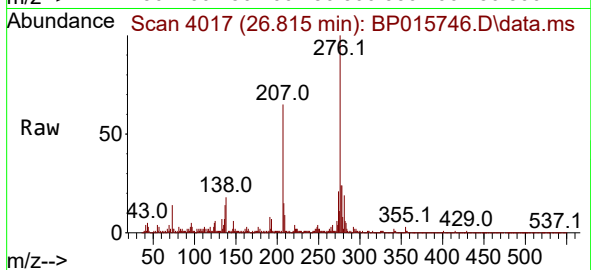
Tgt Ion:276 Resp: 524287

Ion Ratio Lower Upper

276 100

138 18.0 15.7 23.5

277 23.8 19.6 29.4



#95

Dibenzo(a,h)anthracene

Concen: 3.076 ng/ul

RT: 26.809 min Scan# 4016

Delta R.T. -0.018 min

Lab File: BP015746.D

Acq: 27 Jun 2023 14:39

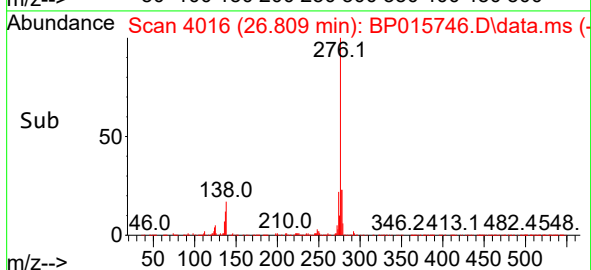
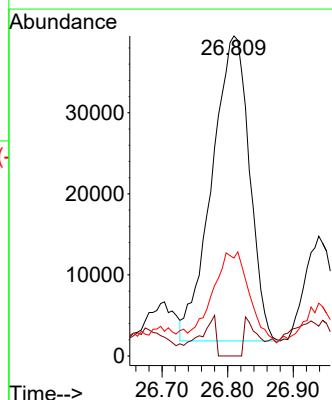
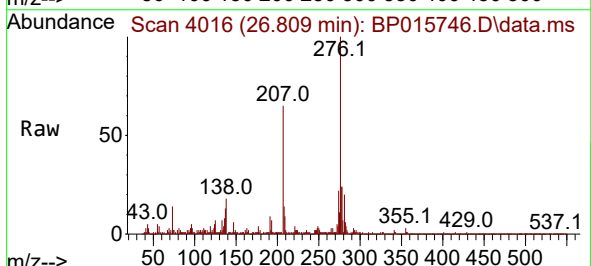
Tgt Ion:278 Resp: 149279

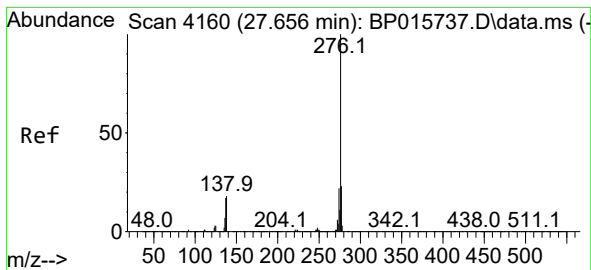
Ion Ratio Lower Upper

278 100

139 0.0 10.5 15.7#

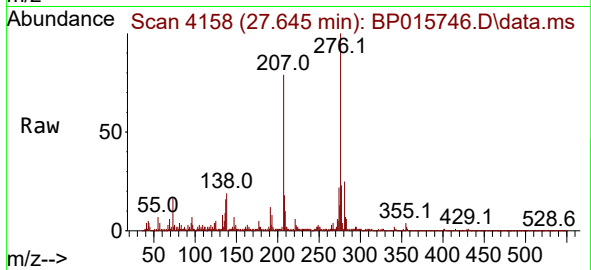
279 30.6 18.4 27.6#





#96
 Benzo(g,h,i)perylene
 Concen: 10.123 ng/ul
 RT: 27.645 min Scan# 41
 Delta R.T. -0.012 min
 Lab File: BP015746.D
 Acq: 27 Jun 2023 14:39

Instrument :
 BNA_P
 ClientSampleId :
 DCFN7



Tgt Ion:276 Resp: 492121
 Ion Ratio Lower Upper
 276 100
 138 19.4 15.1 22.7
 277 23.0 18.8 28.2

