

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015878.D
 Acq On : 01 Jul 2023 10:54
 Operator : MA/JU
 Sample : 03239-07
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFY5

Quant Time: Jul 02 00:44:37 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 30 22:30:25 2023
 Response via : Initial Calibration

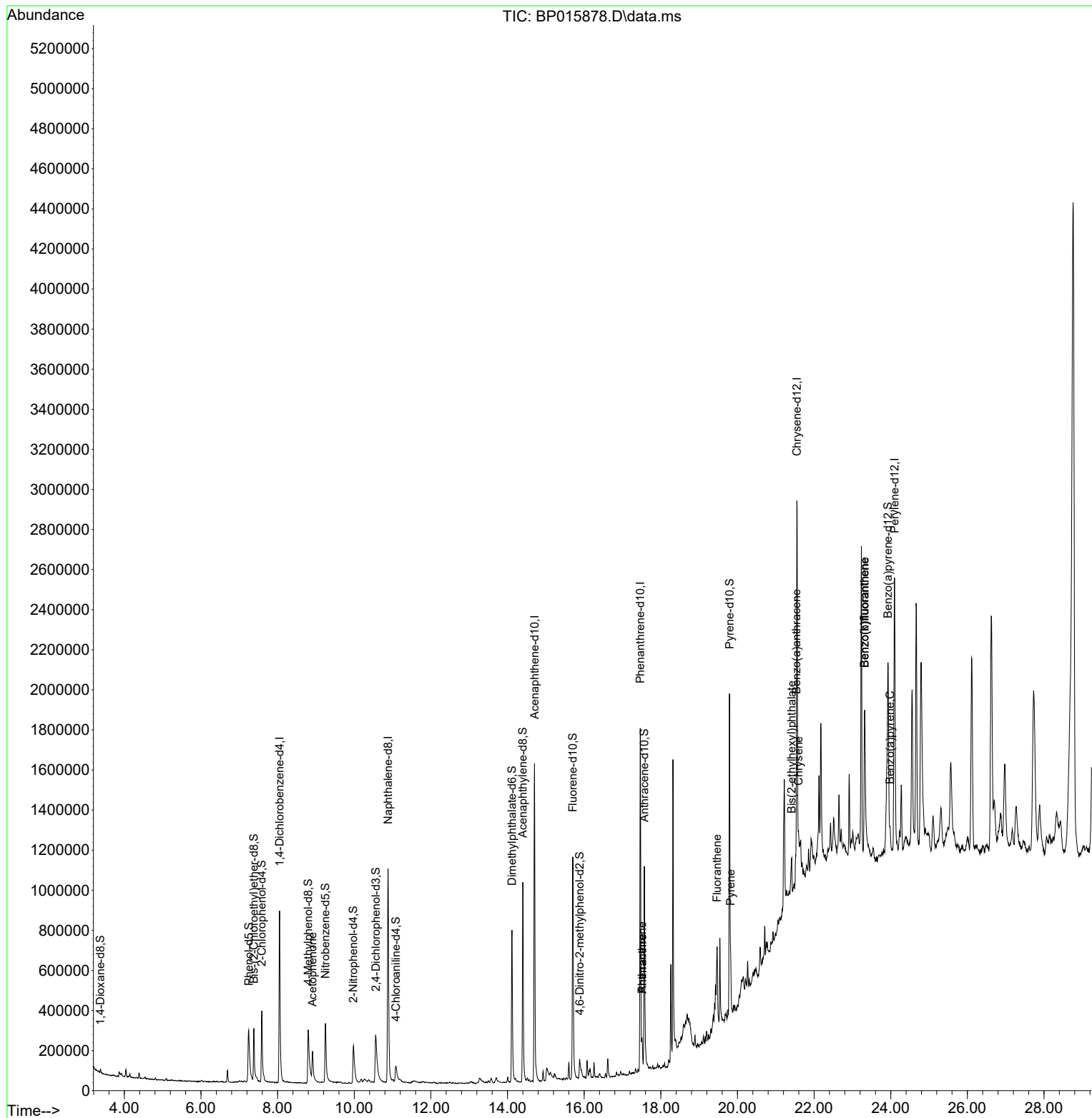
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.052	152	270480	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.881	136	1075340	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.704	164	568549	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.463	188	1069068	20.000	ng/ul	#-0.01
79) Chrysene-d12	21.551	240	970732	20.000	ng/ul	#-0.01
88) Perylene-d12	24.098	264	1124658	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	8900	1.184	ng/uL	-0.01
4) Pyridine-d5	3.817	84	367	0.019	ng/ul	-0.01
7) Phenol-d5	7.246	99	249768	10.793	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	155641	10.870	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	195067	11.166	ng/ul	0.00
15) 4-Methylphenol-d8	8.799	113	194658	10.647	ng/ul	0.01
21) Nitrobenzene-d5	9.246	128	94136	11.455	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	106699	11.124	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.563	165	179611	10.508	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	98965	4.507	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	632544	14.394	ng/ul	0.00
49) Acenaphthylene-d8	14.399	160	689434	13.956	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.928	143	84	0.014	ng/ul	-0.02
60) Fluorene-d10	15.704	176	508282	14.047	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	30567	4.649	ng/ul	0.02
73) Anthracene-d10	17.569	188	686254	14.053	ng/ul	0.00
81) Pyrene-d10	19.792	212	849384	13.400	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.927	264	788583	13.900	ng/ul	-0.02
Target Compounds						
					Qvalue	
16) Acetophenone	8.911	105	114165	3.799	ng/ul	99
72) Phenanthrene	17.510	178	68787	1.184	ng/ul	99
74) Anthracene	17.510	178	69665	1.194	ng/ul	98
80) Fluoranthene	19.469	202	203801	2.587	ng/ul#	94
82) Pyrene	19.822	202	157700	1.962	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	92536	1.355	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.416	149	54179	1.203	ng/ul	97
87) Chrysene	21.592	228	102086	1.576	ng/ul	98
90) Benzo(b)fluoranthene	23.316	252	153934	2.130	ng/ul#	77
91) Benzo(k)fluoranthene	23.316	252	153934	2.108	ng/ul#	76
93) Benzo(a)pyrene	23.986	252	83038	1.315	ng/ul#	85

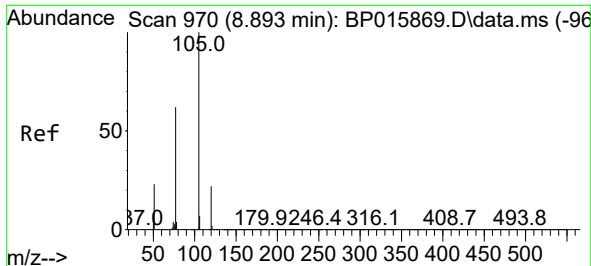
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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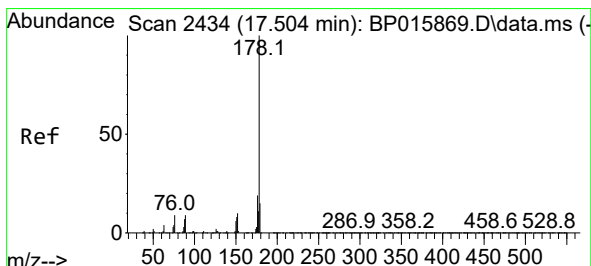
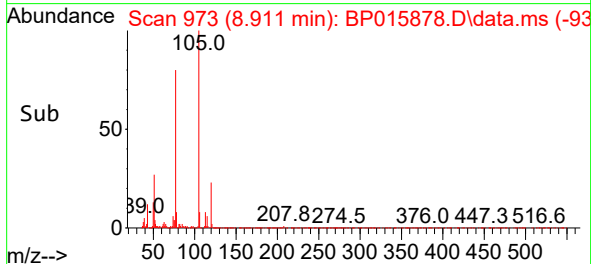
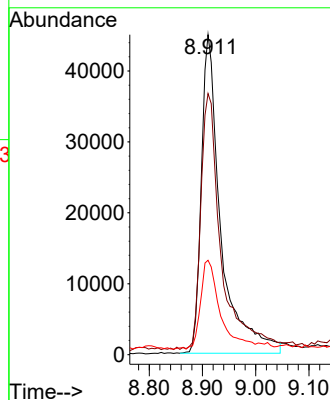
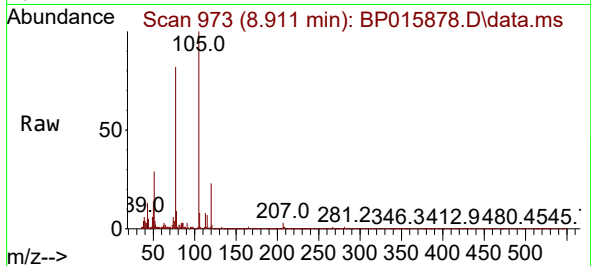




#16
Acetophenone
Concen: 3.799 ng/ul
RT: 8.911 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

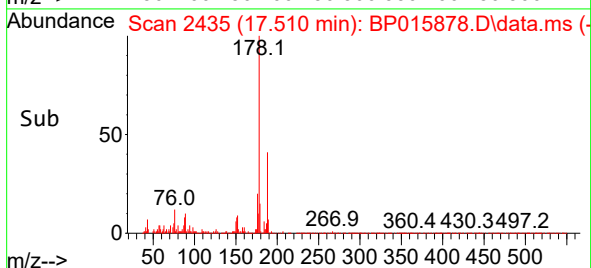
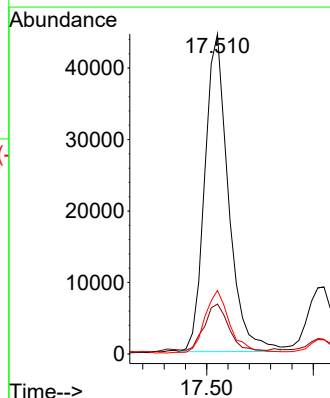
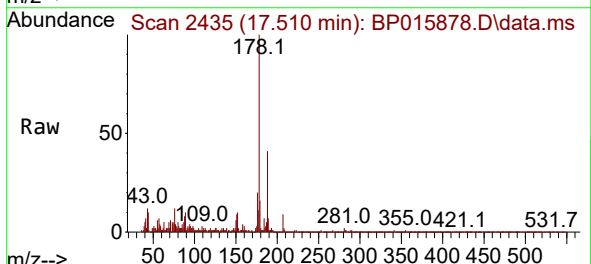
Instrument :
BNA_P
ClientSampleId :
DCFY5

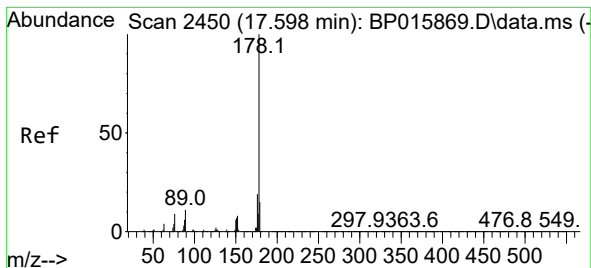
Tgt Ion:105 Resp: 114165
Ion Ratio Lower Upper
105 100
77 81.6 65.0 97.4
51 29.5 25.1 37.7



#72
Phenanthrene
Concen: 1.184 ng/ul
RT: 17.510 min Scan# 2435
Delta R.T. -0.006 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

Tgt Ion:178 Resp: 68787
Ion Ratio Lower Upper
178 100
179 15.6 12.4 18.6
176 19.9 15.6 23.4





#74

Anthracene

Concen: 1.194 ng/ul

RT: 17.510 min Scan# 24

Delta R.T. -0.100 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5

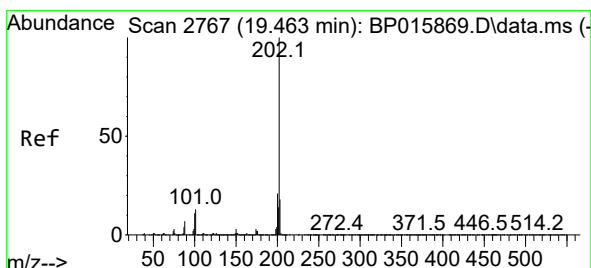
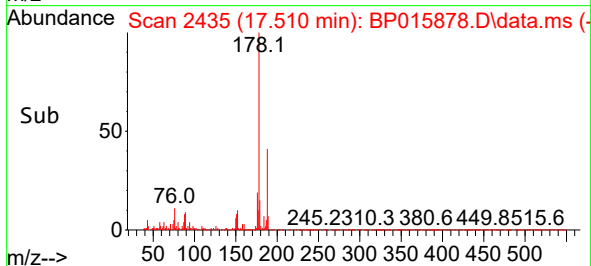
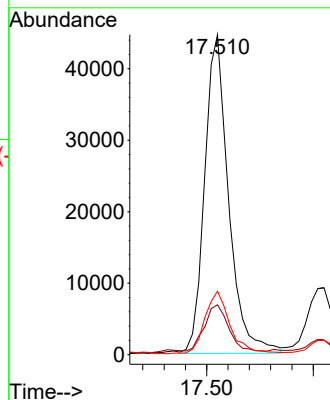
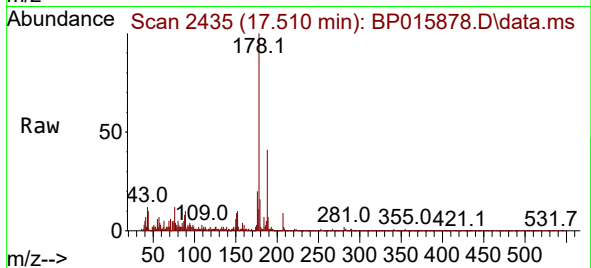
Tgt Ion:178 Resp: 69665

Ion Ratio Lower Upper

178 100

179 15.6 12.1 18.1

176 19.9 14.6 22.0



#80

Fluoranthene

Concen: 2.587 ng/ul

RT: 19.469 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

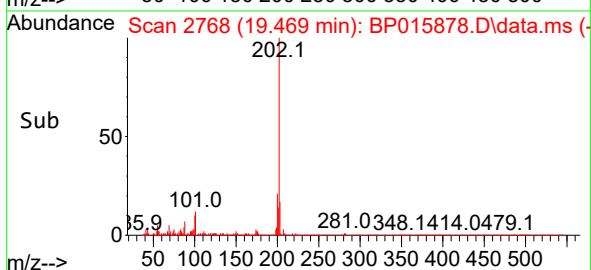
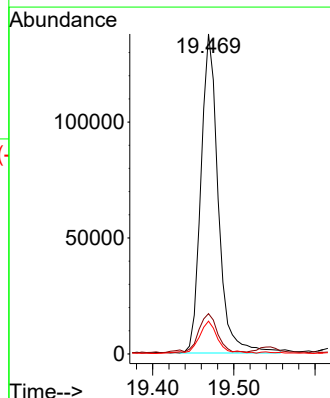
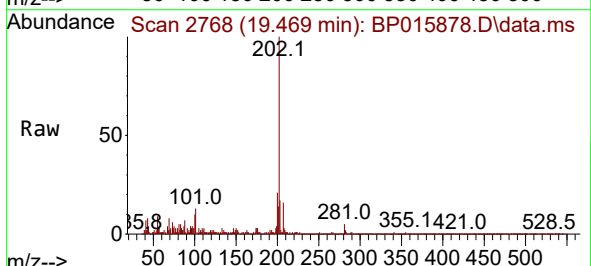
Tgt Ion:202 Resp: 203801

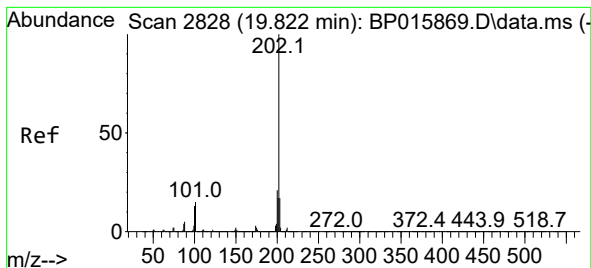
Ion Ratio Lower Upper

202 100

101 12.6 8.3 12.5#

100 10.2 6.6 9.8#





#82

Pyrene

Concen: 1.962 ng/ul

RT: 19.822 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5

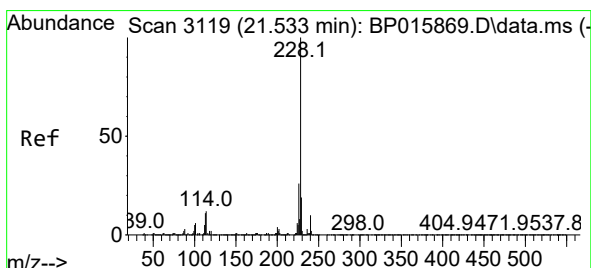
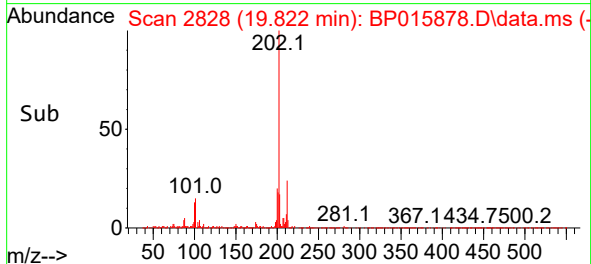
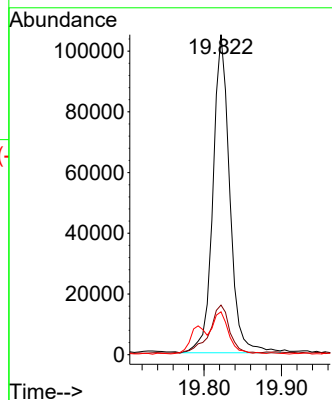
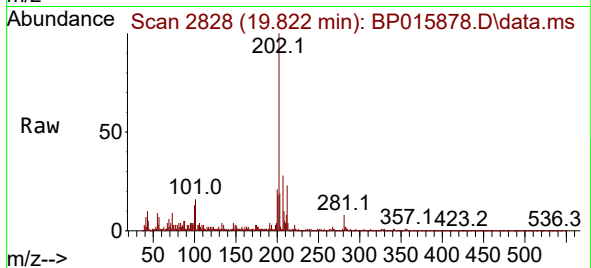
Tgt Ion:202 Resp: 157700

Ion Ratio Lower Upper

202 100

101 15.5 9.3 13.9#

100 13.4 7.6 11.4#



#85

Benzo(a)anthracene

Concen: 1.355 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.006 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

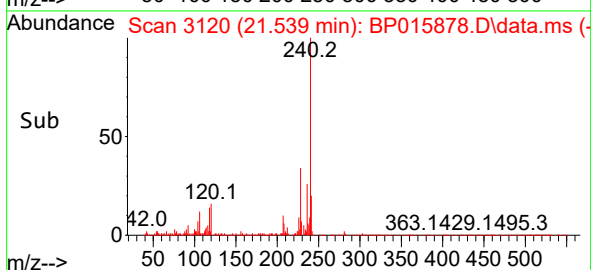
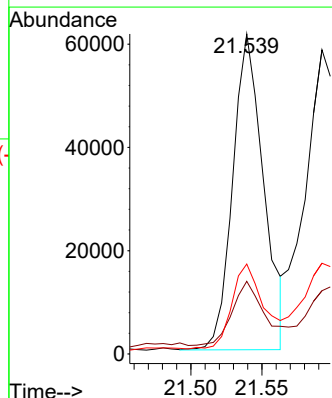
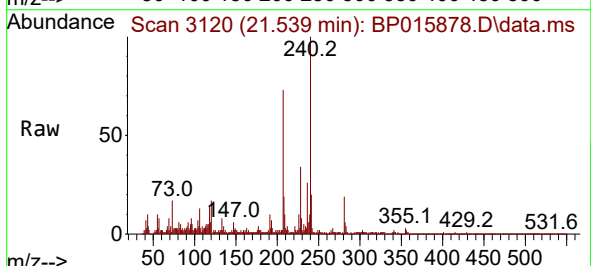
Tgt Ion:228 Resp: 92536

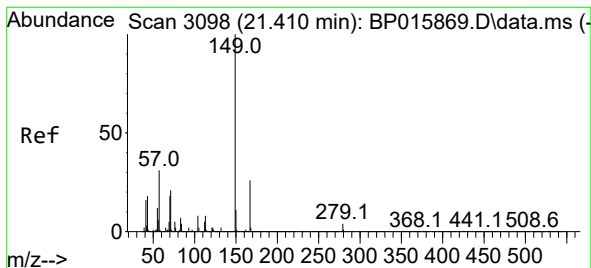
Ion Ratio Lower Upper

228 100

229 22.7 15.3 22.9

226 28.1 21.4 32.0





#86

Bis(2-ethylhexyl)phthalate

Concen: 1.203 ng/ul

RT: 21.416 min Scan# 3098

Delta R.T. -0.017 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5

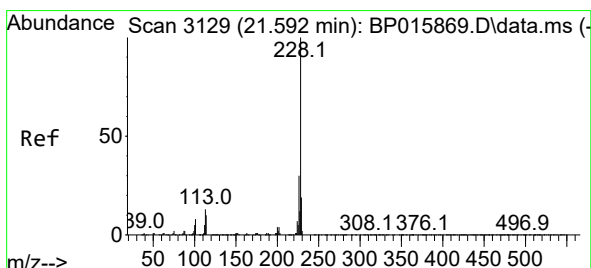
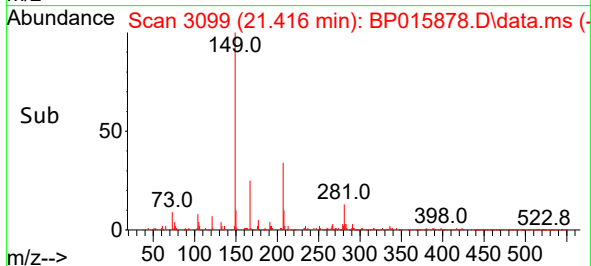
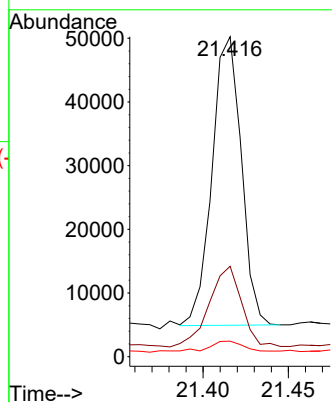
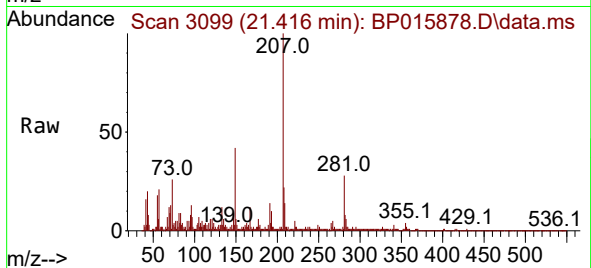
Tgt Ion:149 Resp: 54179

Ion Ratio Lower Upper

149 100

167 28.3 21.0 31.6

279 4.8 3.8 5.6



#87

Chrysene

Concen: 1.576 ng/ul

RT: 21.592 min Scan# 3129

Delta R.T. -0.012 min

Lab File: BP015878.D

Acq: 01 Jul 2023 10:54

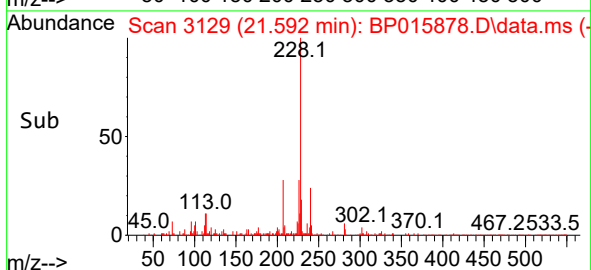
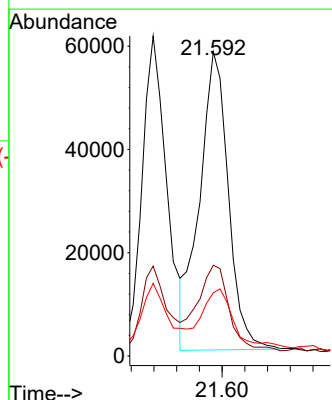
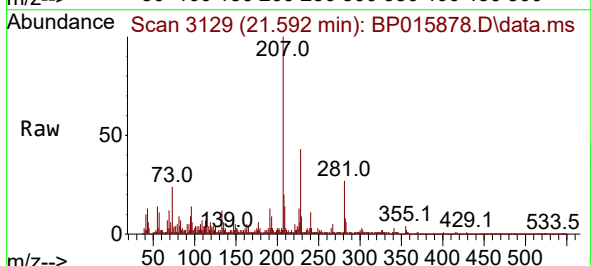
Tgt Ion:228 Resp: 102086

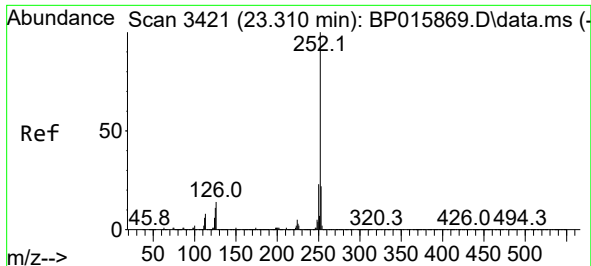
Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 20.8 15.5 23.3

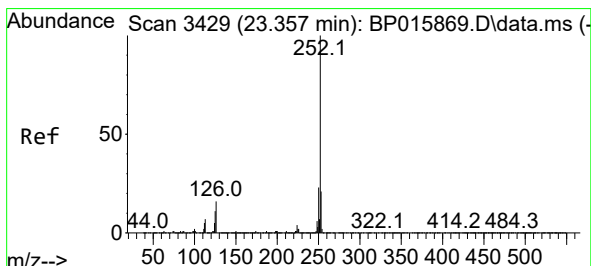
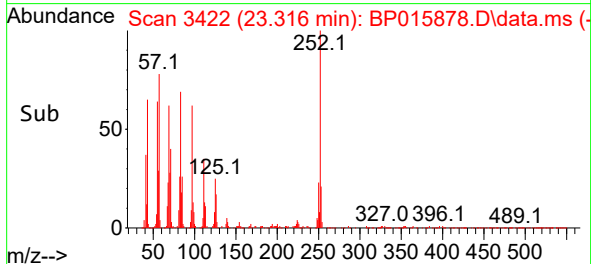
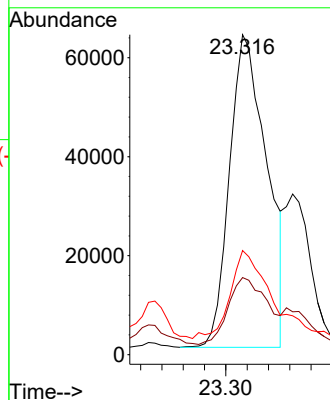
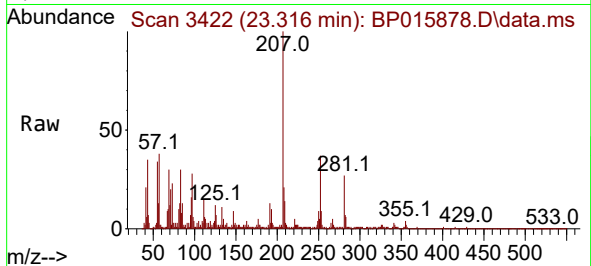




#90
Benzo(b)fluoranthene
Concen: 2.130 ng/ul
RT: 23.316 min Scan# 3421
Delta R.T. -0.012 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

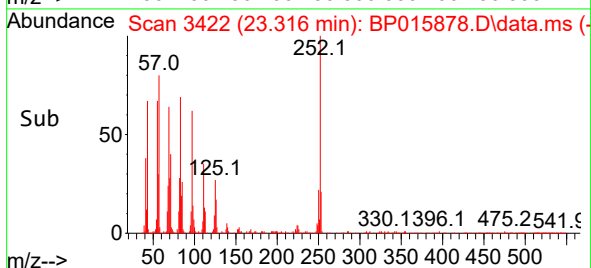
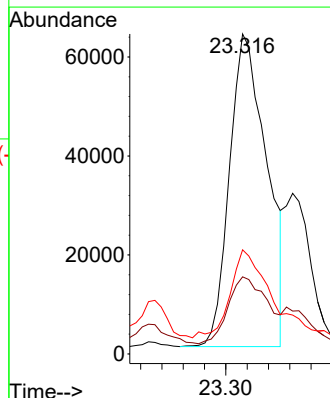
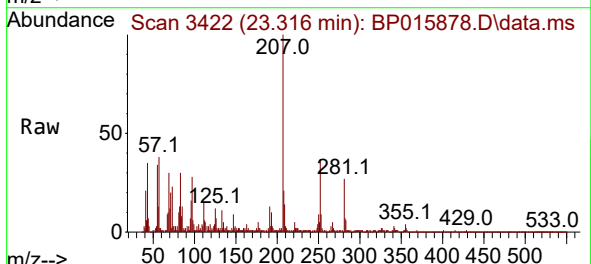
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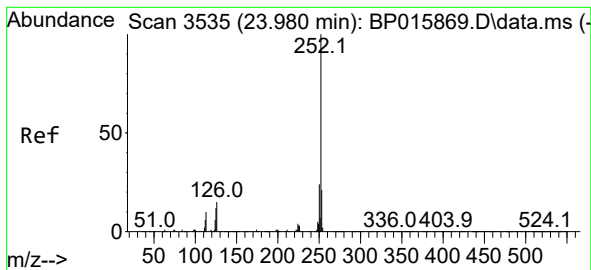
Tgt Ion:252 Resp: 153934
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 32.6 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 2.108 ng/ul
RT: 23.316 min Scan# 3422
Delta R.T. -0.064 min
Lab File: BP015878.D
Acq: 01 Jul 2023 10:54

Tgt Ion:252 Resp: 153934
Ion Ratio Lower Upper
252 100
253 24.1 17.0 25.4
125 32.6 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 1.315 ng/ul

RT: 23.986 min Scan# 3

Delta R.T. -0.017 min

Lab File: BP015878.D

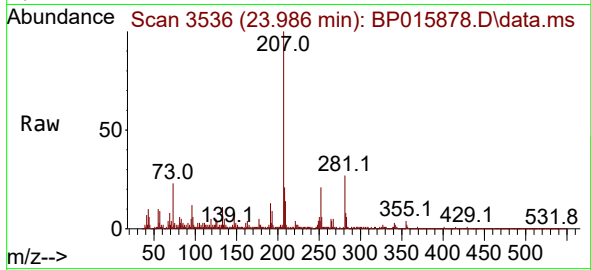
Acq: 01 Jul 2023 10:54

Instrument :

BNA_P

ClientSampleId :

DCFY5



Tgt Ion:252 Resp: 83038

Ion Ratio Lower Upper

252 100

253 25.9 17.7 26.5

125 21.5 8.2 12.2#

