

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP063023\
 Data File : BP015842.D
 Acq On : 30 Jun 2023 13:58
 Operator : MA/JU
 Sample : 03161-22
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFX8

Quant Time: Jun 30 22:32:49 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

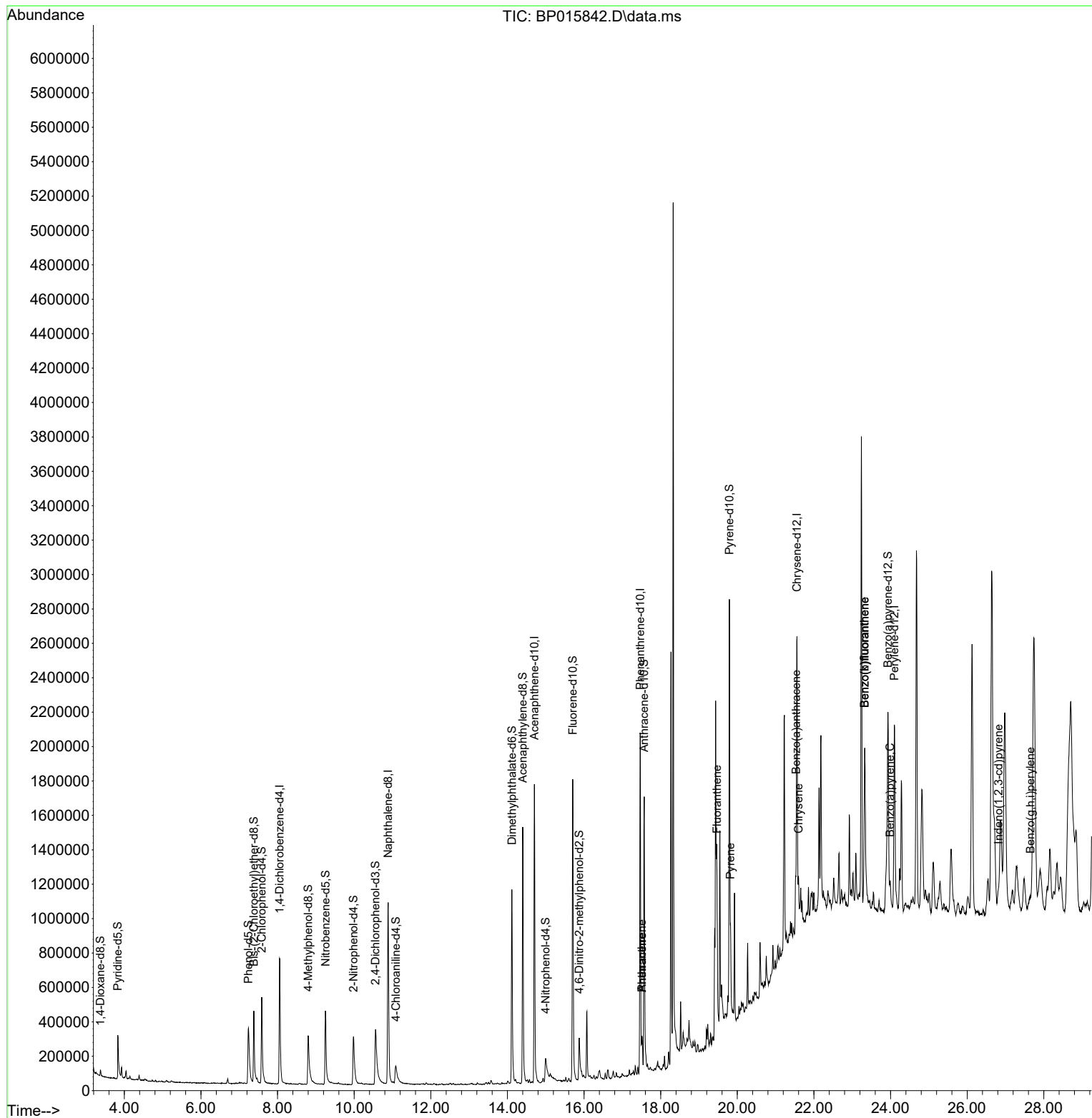
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	236590	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1029955	20.000	ng/ul	# 0.01
38) Acenaphthene-d10	14.704	164	599543	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1243456	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	845223	20.000	ng/ul	# 0.00
88) Perylene-d12	24.098	264	893402	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	18509	2.815	ng/uL	0.00
4) Pyridine-d5	3.828	84	153713	9.273	ng/ul	0.00
7) Phenol-d5	7.240	99	329954	16.300	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.381	67	234895	18.756	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	273259	17.882	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	192841	12.059	ng/ul	0.02
21) Nitrobenzene-d5	9.251	128	127170	16.156	ng/ul	0.01
24) 2-Nitrophenol-d4	9.981	143	142517	15.513	ng/ul	0.02
28) 2,4-Dichlorophenol-d3	10.557	165	236099	14.422	ng/ul	0.04
31) 4-Chloroaniline-d4	11.087	131	130466	6.204	ng/ul	0.05
46) Dimethylphthalate-d6	14.116	166	903304	19.493	ng/ul	0.00
49) Acenaphthylene-d8	14.398	160	1016482	19.513	ng/ul	0.00
54) 4-Nitrophenol-d4	14.998	143	76921	12.579	ng/ul	0.05
60) Fluorene-d10	15.704	176	767445	20.113	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	76918	10.058	ng/ul	0.02
73) Anthracene-d10	17.569	188	1027603	18.092	ng/ul	0.00
81) Pyrene-d10	19.792	212	1230383	22.293	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	909242	20.175	ng/ul	0.00
Target Compounds						
					Qvalue	
72) Phenanthrene	17.510	178	89101	1.319	ng/ul	99
74) Anthracene	17.510	178	90201	1.329	ng/ul	97
80) Fluoranthene	19.468	202	298976	4.359	ng/ul#	90
82) Pyrene	19.821	202	246629	3.525	ng/ul#	90
85) Benzo(a)anthracene	21.539	228	119760	2.014	ng/ul#	92
87) Chrysene	21.598	228	157929	2.800	ng/ul	95
90) Benzo(b)fluoranthene	23.321	252	237285	4.134	ng/ul#	82
91) Benzo(k)fluoranthene	23.321	252	237285	4.091	ng/ul#	82
93) Benzo(a)pyrene	23.986	252	132946	2.650	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	26.815	276	126767	1.862	ng/ul#	92
96) Benzo(g,h,i)perylene	27.650	276	115103	2.055	ng/ul#	91

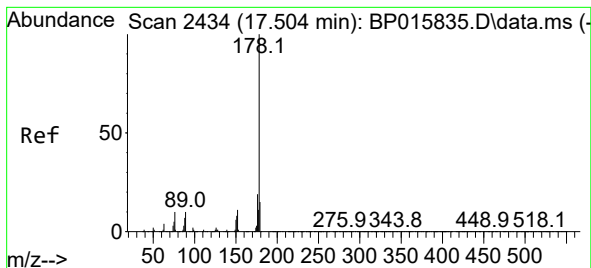
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#72

Phenanthrene

Concen: 1.319 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. 0.006 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFX8

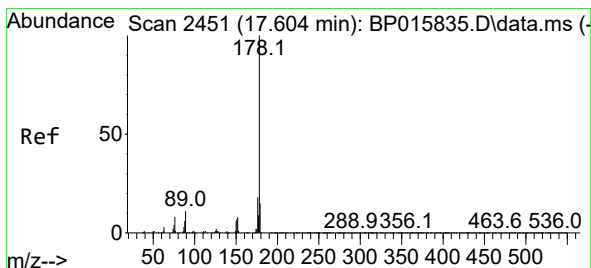
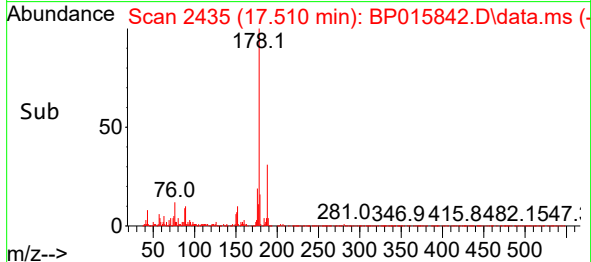
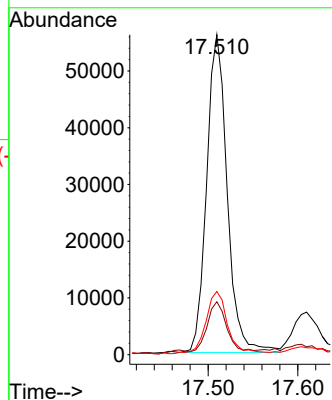
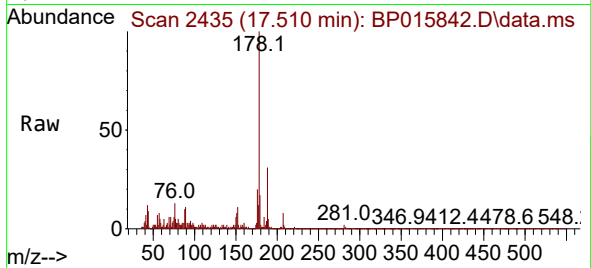
Tgt Ion:178 Resp: 89101

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 19.7 15.6 23.4



#74

Anthracene

Concen: 1.329 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

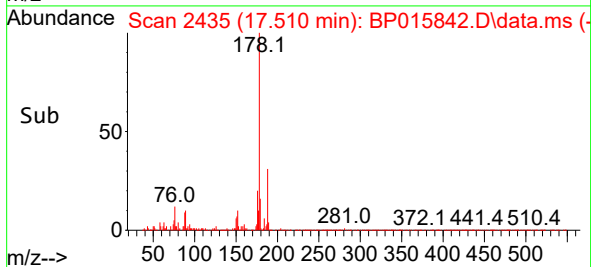
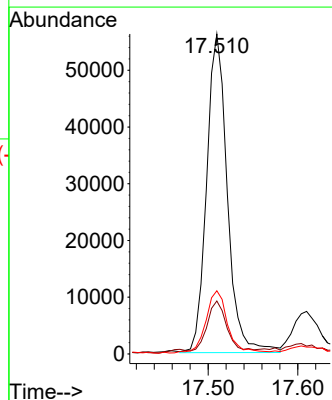
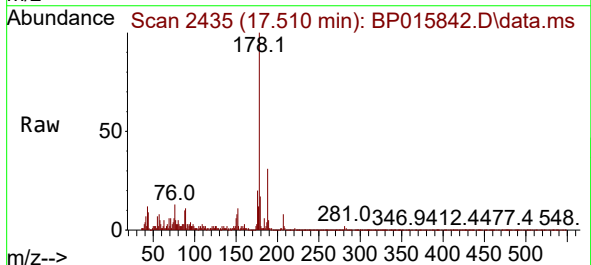
Tgt Ion:178 Resp: 90201

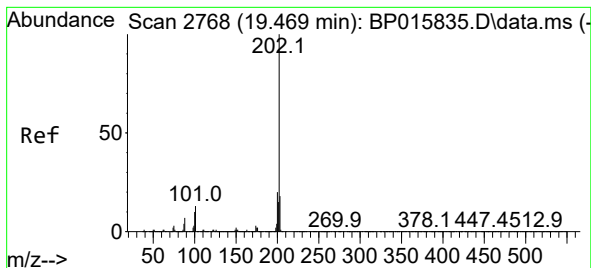
Ion Ratio Lower Upper

178 100

179 16.6 12.1 18.1

176 19.7 14.6 22.0





#80

Fluoranthene

Concen: 4.359 ng/ul

RT: 19.468 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFX8

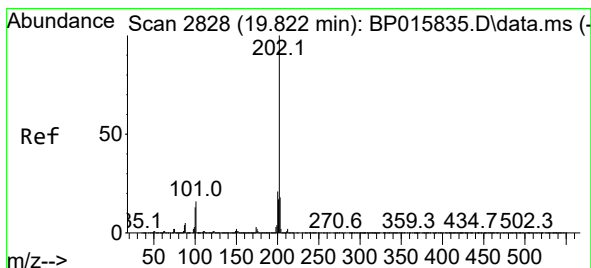
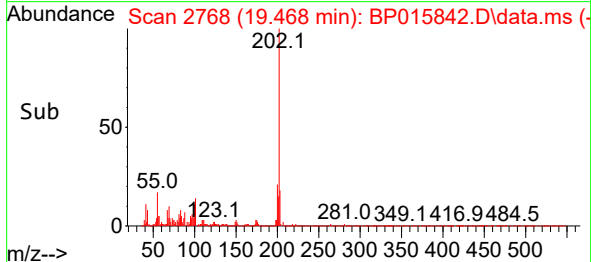
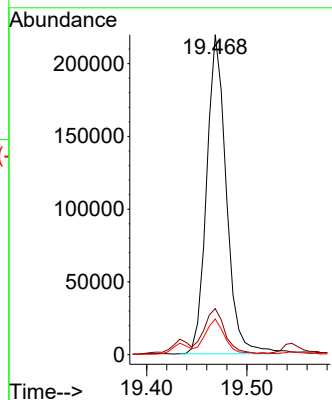
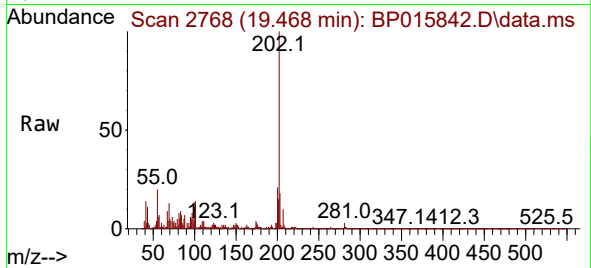
Tgt Ion:202 Resp: 298976

Ion Ratio Lower Upper

202 100

101 14.4 8.3 12.5#

100 11.1 6.6 9.8#



#82

Pyrene

Concen: 3.525 ng/ul

RT: 19.821 min Scan# 2828

Delta R.T. -0.000 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

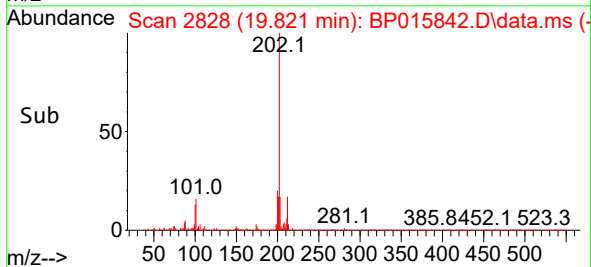
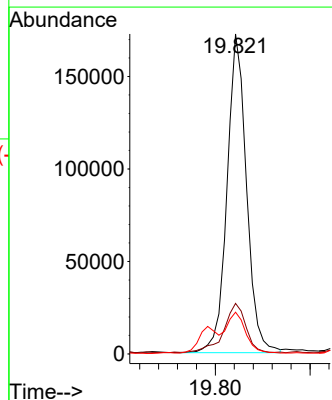
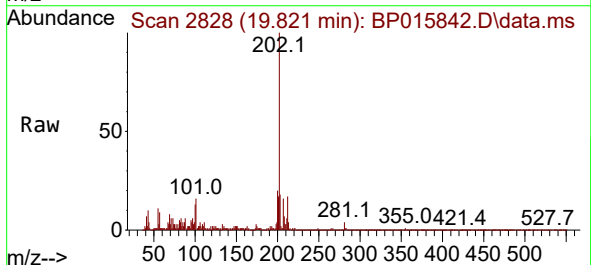
Tgt Ion:202 Resp: 246629

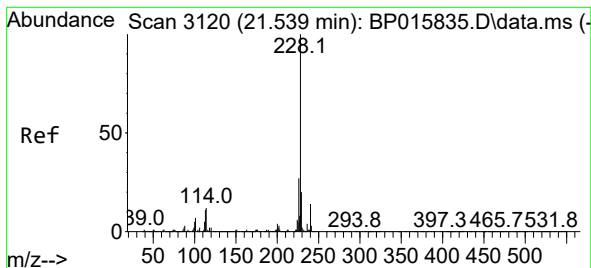
Ion Ratio Lower Upper

202 100

101 15.8 9.3 13.9#

100 13.1 7.6 11.4#





#85

Benzo(a)anthracene

Concen: 2.014 ng/ul

RT: 21.539 min Scan# 3120

Delta R.T. -0.000 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFX8

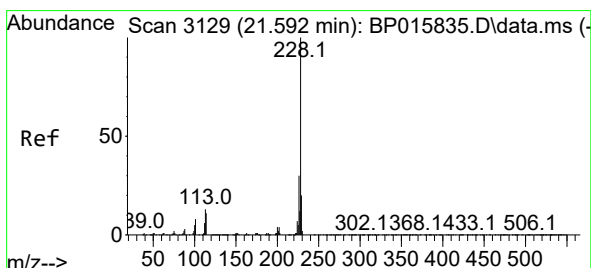
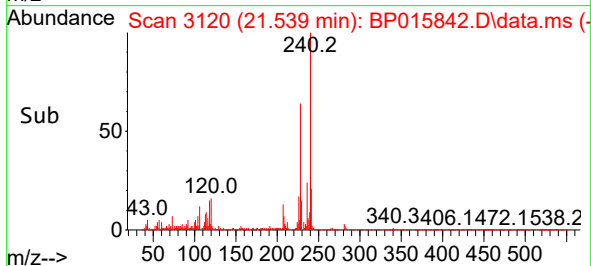
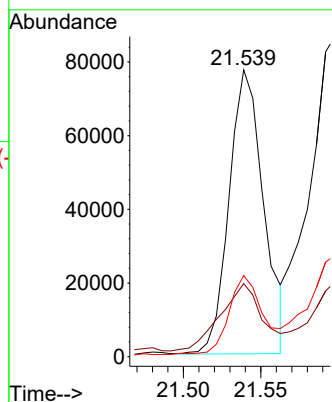
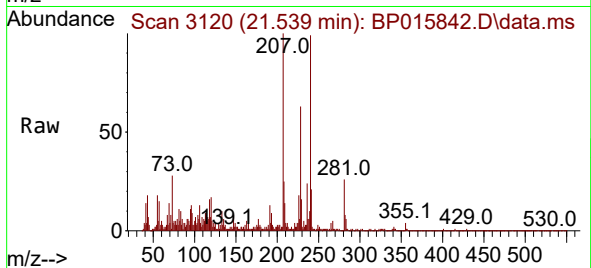
Tgt Ion:228 Resp: 119760

Ion Ratio Lower Upper

228 100

229 25.5 15.3 22.9#

226 28.3 21.4 32.0



#87

Chrysene

Concen: 2.800 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. 0.006 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

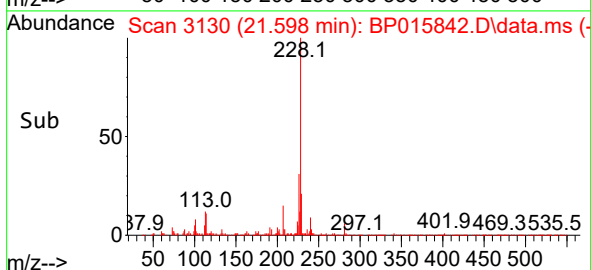
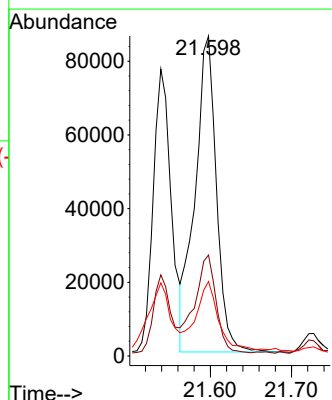
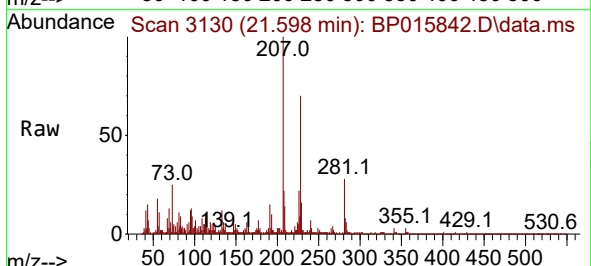
Tgt Ion:228 Resp: 157929

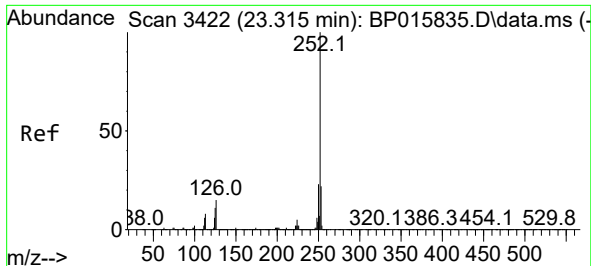
Ion Ratio Lower Upper

228 100

226 31.6 24.3 36.5

229 23.3 15.5 23.3

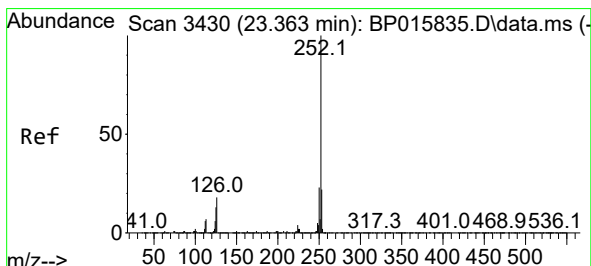
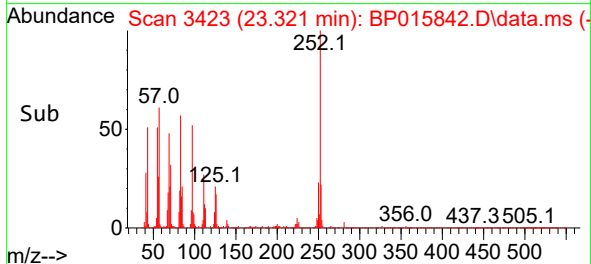
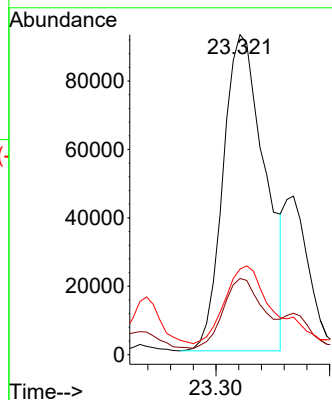
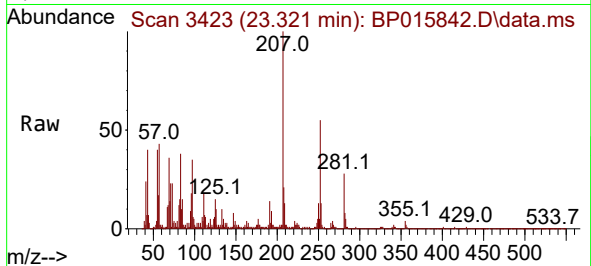




#90
Benzo(b)fluoranthene
Concen: 4.134 ng/ul
RT: 23.321 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

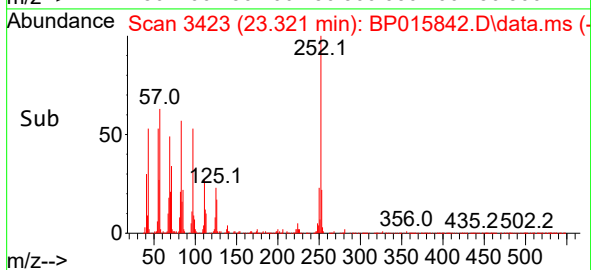
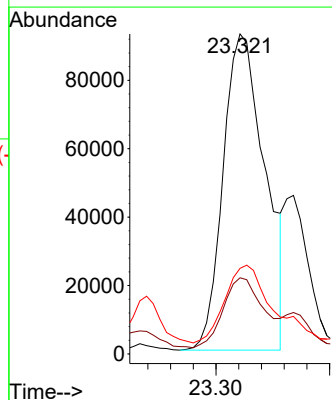
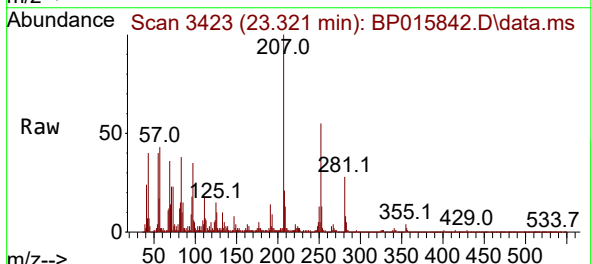
Instrument :
BNA_P
ClientSampleId :
DCFX8

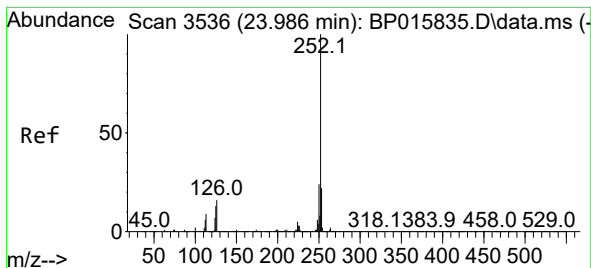
Tgt Ion:252 Resp: 237285
Ion Ratio Lower Upper
252 100
253 23.8 17.3 25.9
125 26.8 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 4.091 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. -0.041 min
Lab File: BP015842.D
Acq: 30 Jun 2023 13:58

Tgt Ion:252 Resp: 237285
Ion Ratio Lower Upper
252 100
253 23.8 17.0 25.4
125 26.8 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 2.650 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFX8

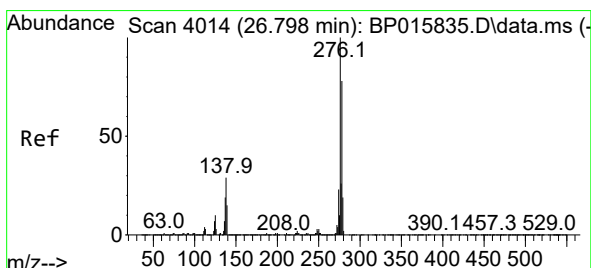
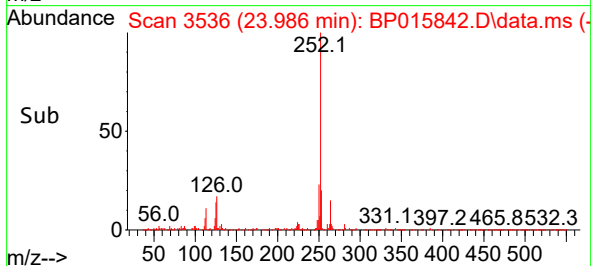
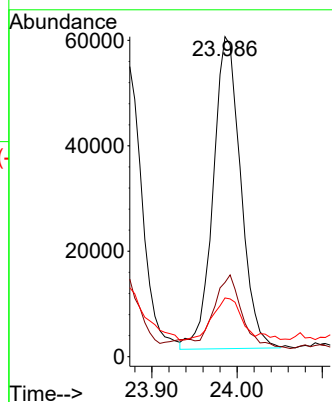
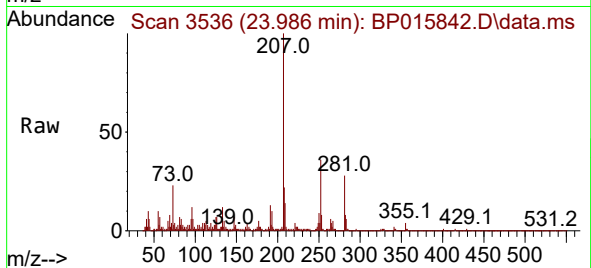
Tgt Ion:252 Resp: 132946

Ion Ratio Lower Upper

252 100

253 23.2 17.7 26.5

125 18.3 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 1.862 ng/ul

RT: 26.815 min Scan# 4017

Delta R.T. 0.017 min

Lab File: BP015842.D

Acq: 30 Jun 2023 13:58

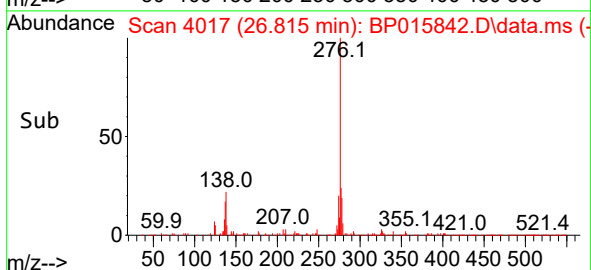
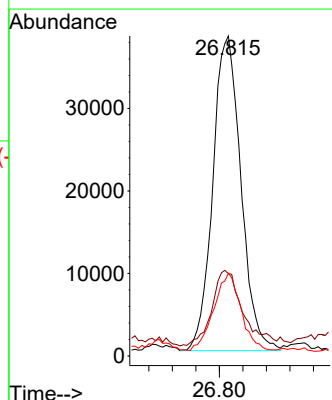
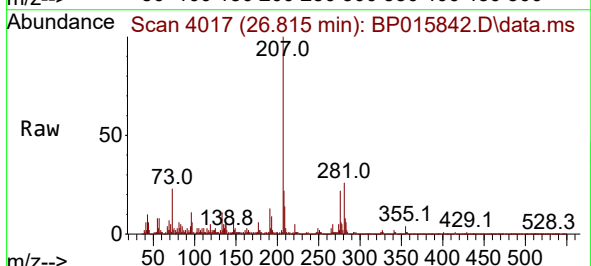
Tgt Ion:276 Resp: 126767

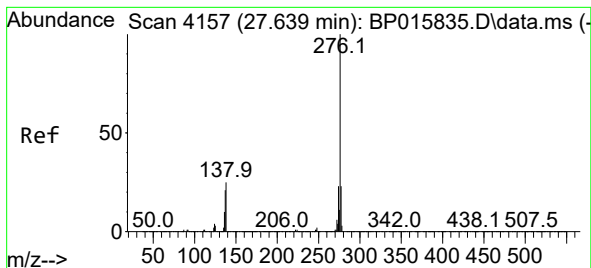
Ion Ratio Lower Upper

276 100

138 25.8 15.7 23.5#

277 25.9 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.055 ng/ul

RT: 27.650 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP015842.D

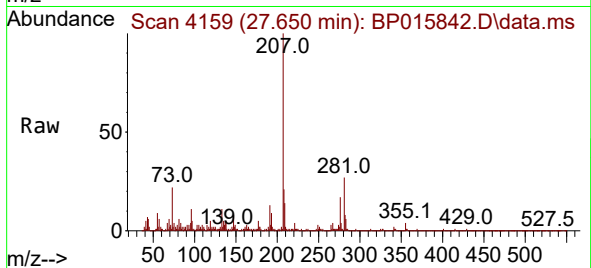
Acq: 30 Jun 2023 13:58

Instrument :

BNA_P

ClientSampleId :

DCFX8



Tgt Ion:276 Resp: 115103

Ion Ratio Lower Upper

276 100

138 27.2 15.1 22.7#

277 23.8 18.8 28.2

