

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
 Data File : BP015791.D
 Acq On : 28 Jun 2023 22:20
 Operator : MA/JU
 Sample : 03142-07
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DCFS6

Quant Time: Jun 29 02:32:45 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 29 02:30:23 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

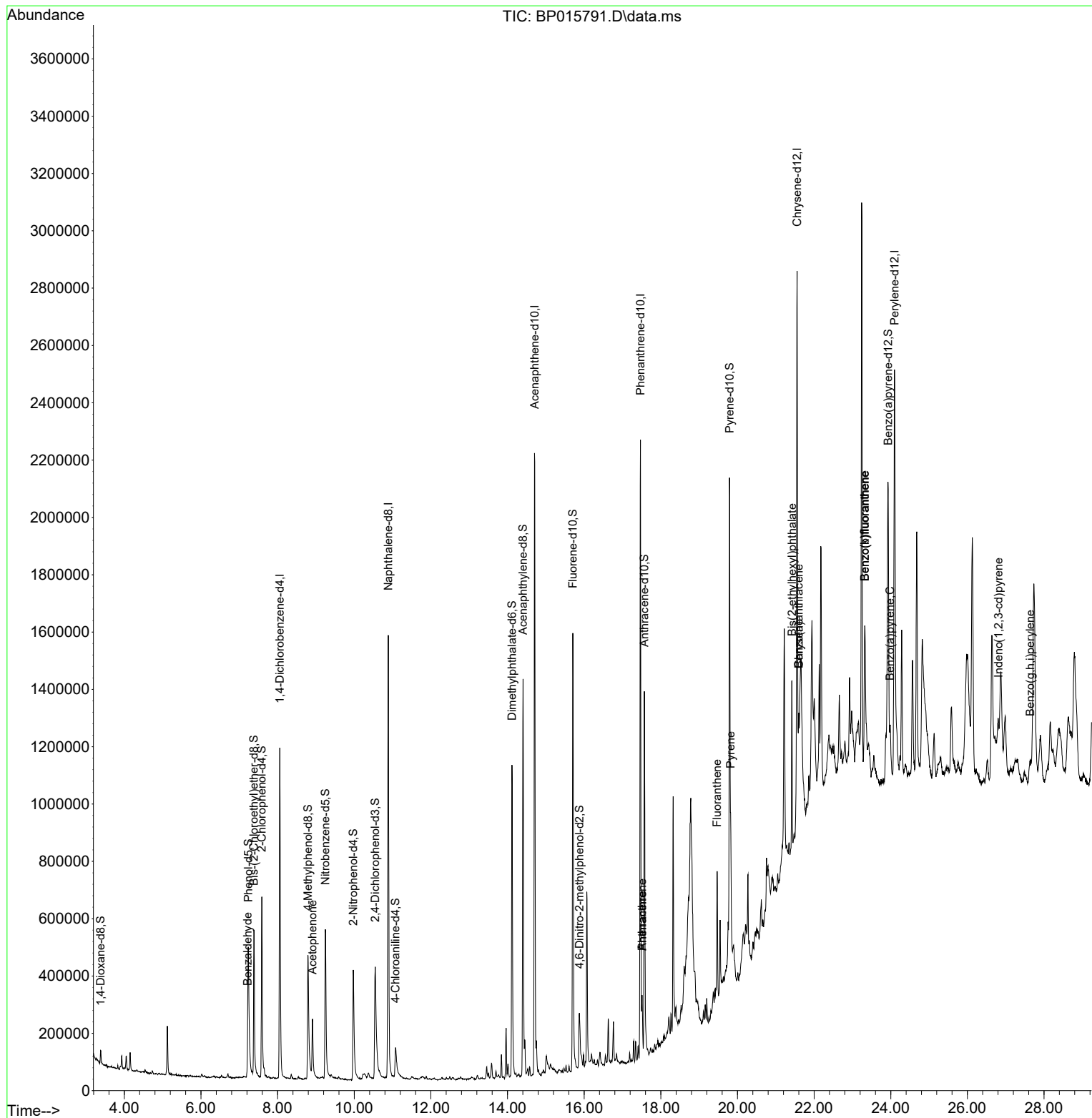
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.058	152	334134	20.000	ng/ul	0.00
20) Naphthalene-d8	10.887	136	1387510	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.704	164	751033	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.469	188	1297828	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.557	240	923981	20.000	ng/ul	0.00
88) Perylene-d12	24.098	264	1150025	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	23015	2.478	ng/uL	0.00
4) Pyridine-d5	3.817	84	268	0.011	ng/ul	0.00
7) Phenol-d5	7.234	99	376116	13.156	ng/ul	0.01
9) Bis-(2-Chloroethyl)eth...	7.381	67	272504	15.407	ng/ul	0.00
11) 2-Chlorophenol-d4	7.587	132	315601	14.624	ng/ul	0.00
15) 4-Methylphenol-d8	8.793	113	247031	10.938	ng/ul	0.00
21) Nitrobenzene-d5	9.246	128	148317	13.987	ng/ul	0.00
24) 2-Nitrophenol-d4	9.975	143	161318	13.035	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.546	165	256073	11.611	ng/ul	0.03
31) 4-Chloroaniline-d4	11.075	131	114106	4.028	ng/ul	0.04
46) Dimethylphthalate-d6	14.116	166	830447	14.306	ng/ul	0.00
49) Acenaphthylene-d8	14.404	160	945682	14.492	ng/ul	0.00
54) 4-Nitrophenol-d4	14.963	143	179	0.023	ng/ul	0.01
60) Fluorene-d10	15.704	176	662017	13.850	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.875	200	62330	7.809	ng/ul	0.02
73) Anthracene-d10	17.569	188	813986	13.731	ng/ul	0.00
81) Pyrene-d10	19.792	212	832328	13.795	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.933	264	816859	14.081	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	7.216	77	20925	1.810	ng/ul	85
16) Acetophenone	8.910	105	130279	3.509	ng/ul	98
72) Phenanthrene	17.510	178	105442	1.496	ng/ul	99
74) Anthracene	17.510	178	105508	1.489	ng/ul	99
80) Fluoranthene	19.469	202	261935	3.493	ng/ul#	93
82) Pyrene	19.822	202	215691	2.820	ng/ul#	88
85) Benzo(a)anthracene	21.598	228	143506	2.208	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.422	149	208254	4.856	ng/ul	99
87) Chrysene	21.598	228	140426	2.277	ng/ul	98
90) Benzo(b)fluoranthene	23.321	252	230566	3.120	ng/ul#	90
91) Benzo(k)fluoranthene	23.321	252	230566	3.088	ng/ul#	89
93) Benzo(a)pyrene	23.986	252	143804	2.227	ng/ul#	91
94) Indeno(1,2,3-cd)pyrene	26.810	276	130456	1.488	ng/ul	94
96) Benzo(g,h,i)perylene	27.639	276	121933	1.691	ng/ul#	91

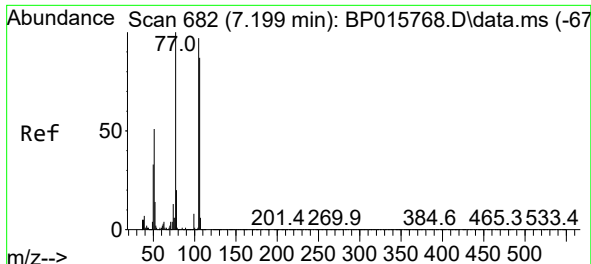
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062823\
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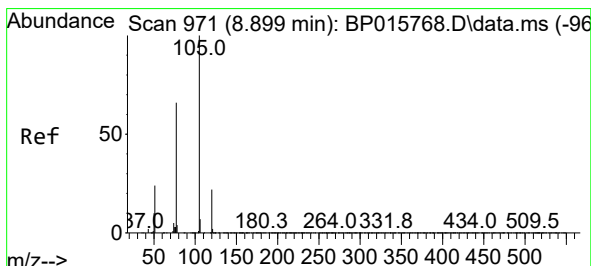
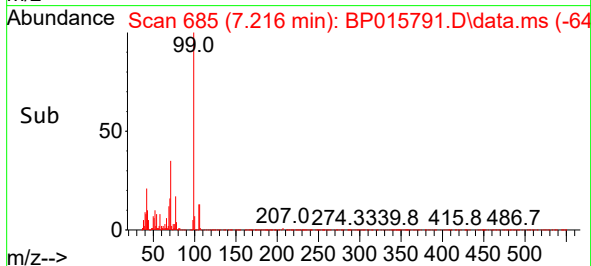
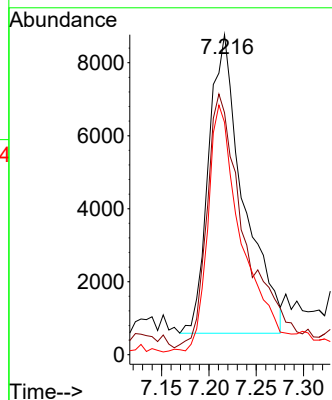
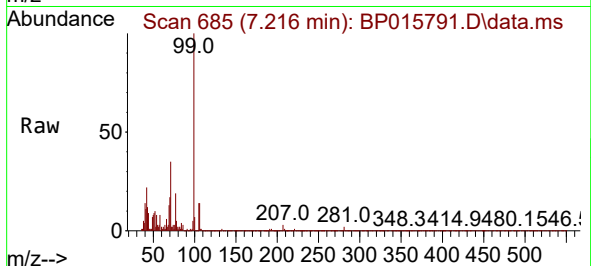




#6
Benzaldehyde
Concen: 1.810 ng/ul
RT: 7.216 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

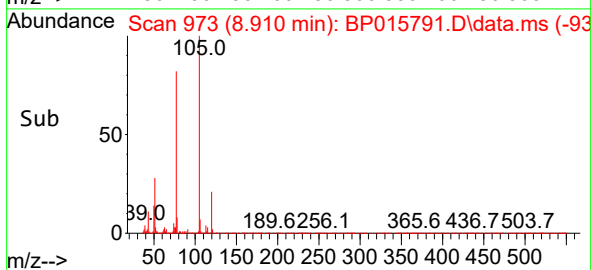
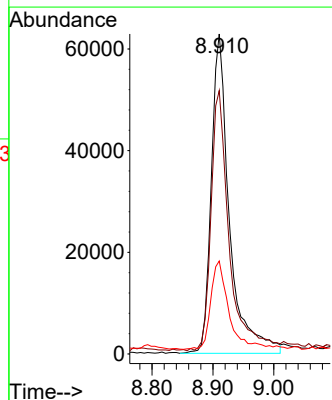
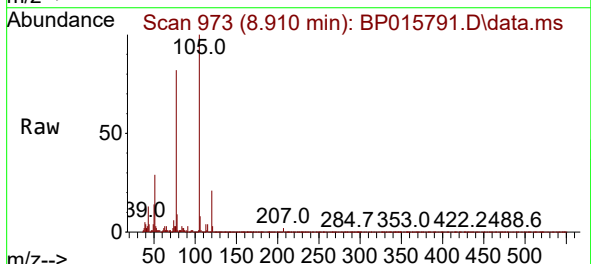
Instrument :
BNA_P
ClientSampleId :
DCFS6

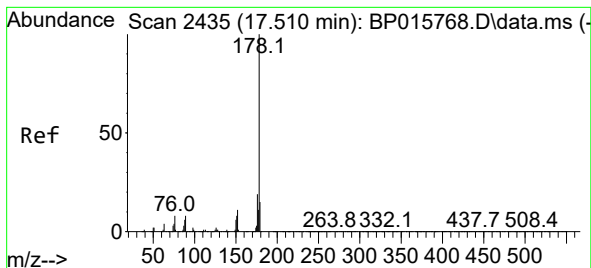
Tgt Ion: 77 Resp: 20925
Ion Ratio Lower Upper
77 100
105 75.6 73.4 110.0
106 72.6 66.6 100.0



#16
Acetophenone
Concen: 3.509 ng/ul
RT: 8.910 min Scan# 973
Delta R.T. 0.012 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

Tgt Ion: 105 Resp: 130279
Ion Ratio Lower Upper
105 100
77 82.3 65.0 97.4
51 29.1 25.1 37.7





#72

Phenanthrene

Concen: 1.496 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

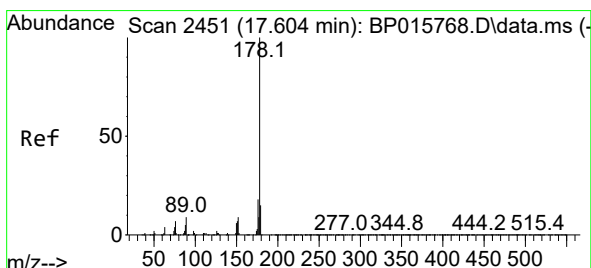
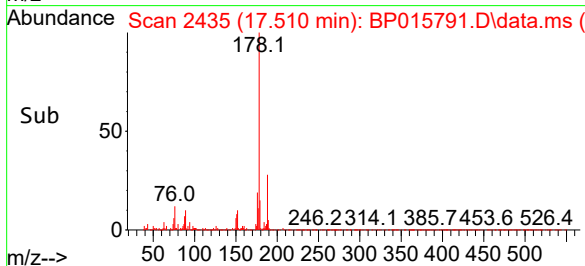
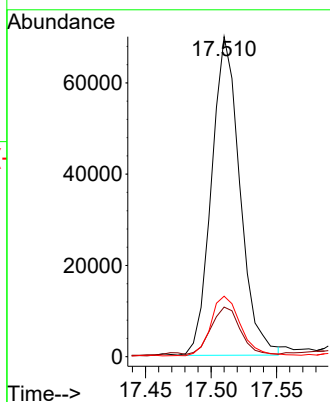
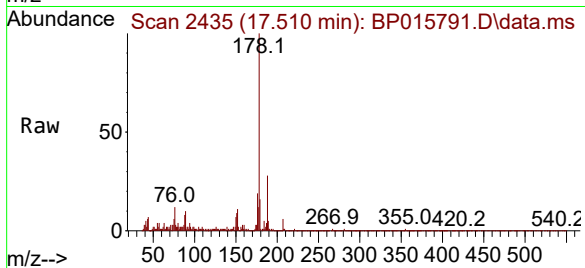
Tgt Ion:178 Resp: 105442

Ion Ratio Lower Upper

178 100

179 15.5 12.4 18.6

176 18.9 15.6 23.4



#74

Anthracene

Concen: 1.489 ng/ul

RT: 17.510 min Scan# 2435

Delta R.T. -0.094 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

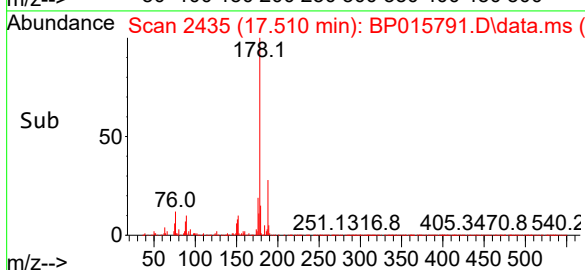
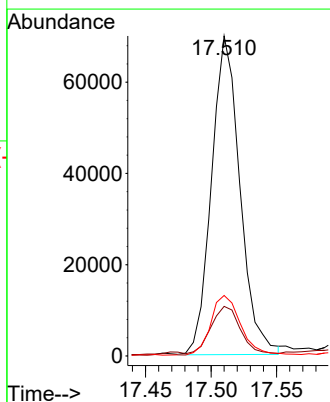
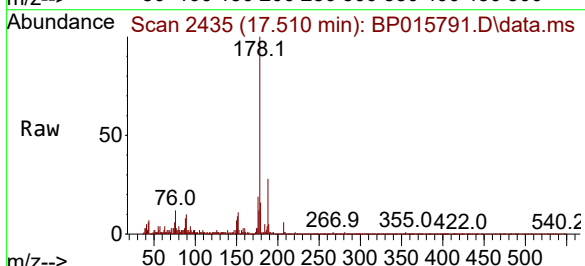
Tgt Ion:178 Resp: 105508

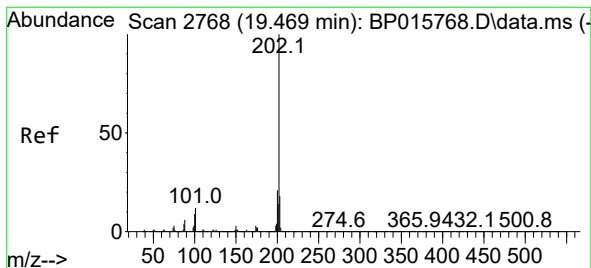
Ion Ratio Lower Upper

178 100

179 15.5 12.1 18.1

176 18.9 14.6 22.0





#80

Fluoranthene

Concen: 3.493 ng/ul

RT: 19.469 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

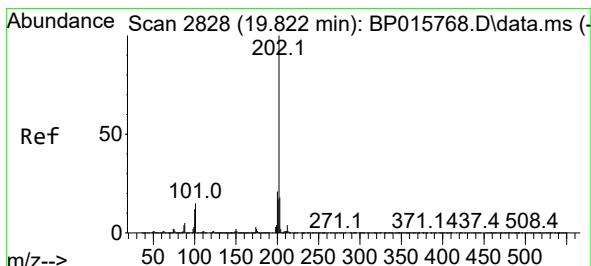
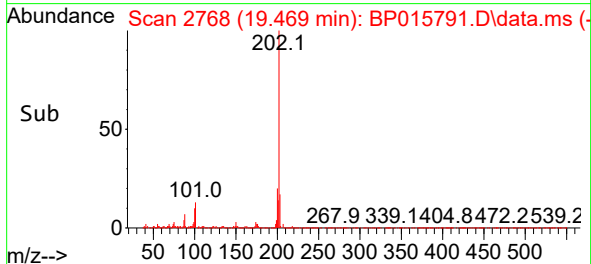
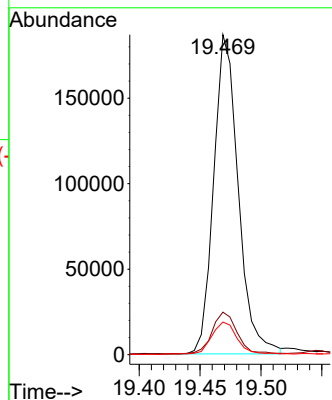
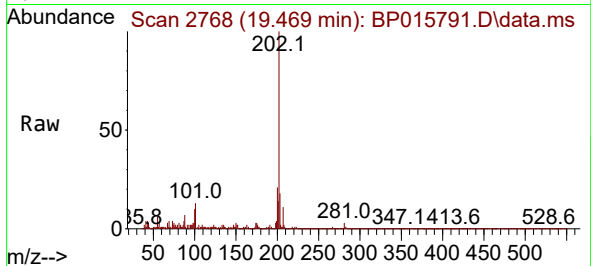
Tgt Ion:202 Resp: 261935

Ion Ratio Lower Upper

202 100

101 13.3 8.3 12.5#

100 10.2 6.6 9.8#



#82

Pyrene

Concen: 2.820 ng/ul

RT: 19.822 min Scan# 2828

Delta R.T. -0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

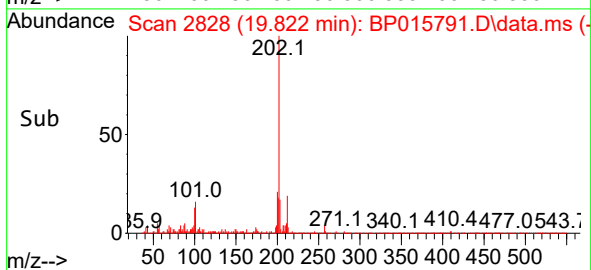
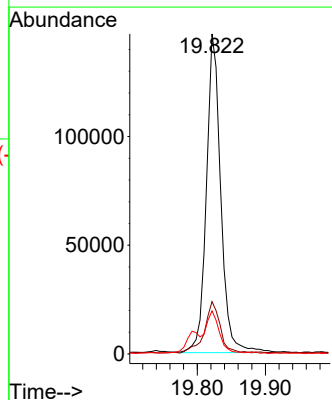
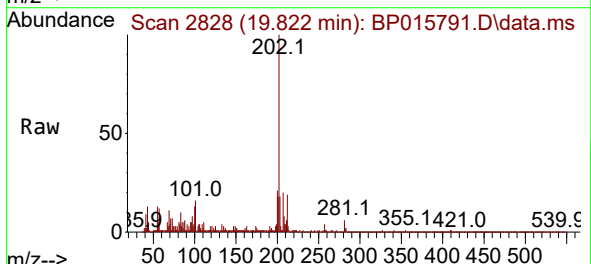
Tgt Ion:202 Resp: 215691

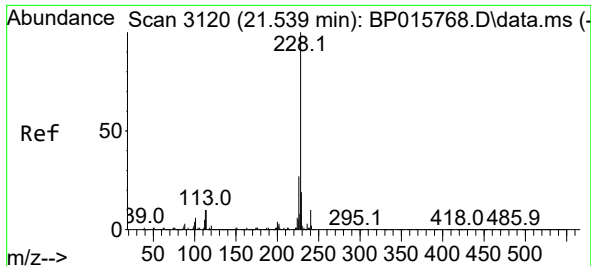
Ion Ratio Lower Upper

202 100

101 16.4 9.3 13.9#

100 13.4 7.6 11.4#

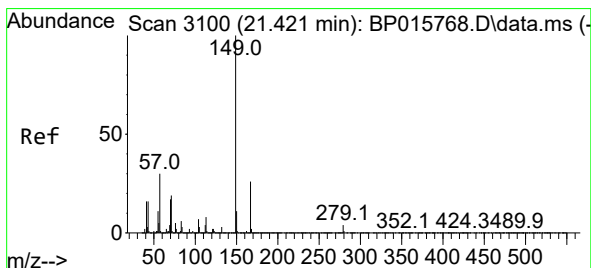
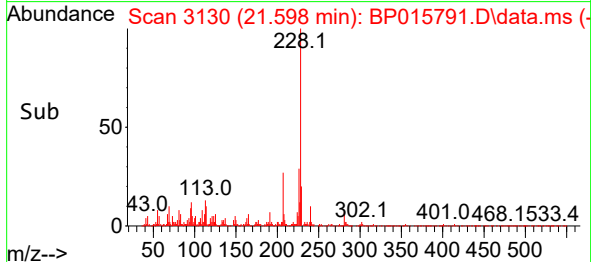
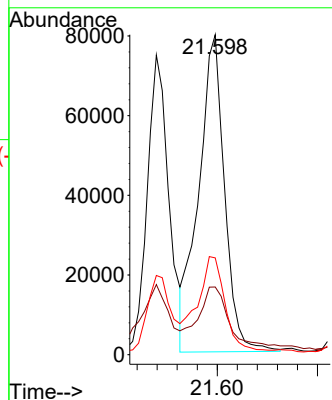
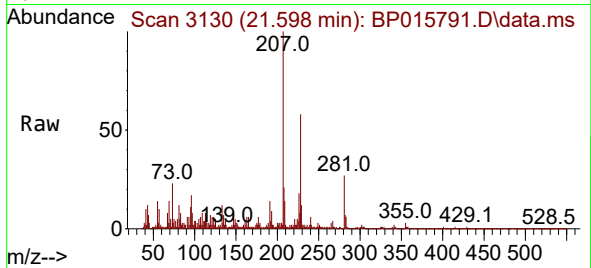




#85
Benzo(a)anthracene
Concen: 2.208 ng/ul
RT: 21.598 min Scan# 3120
Delta R.T. 0.059 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

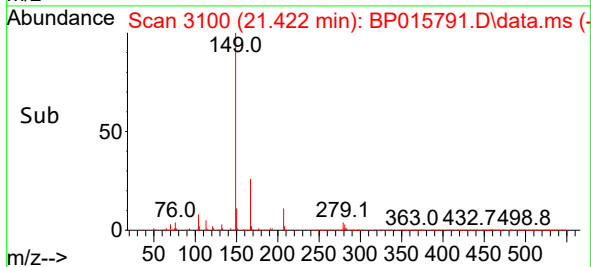
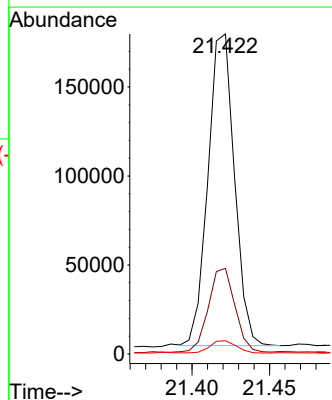
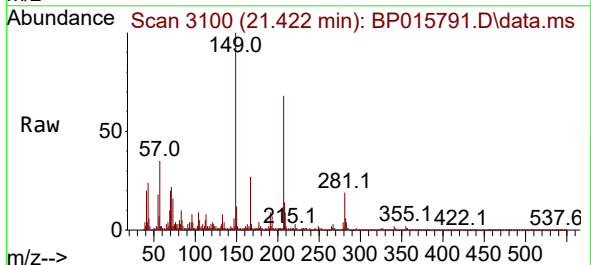
Instrument :
BNA_P
ClientSampleId :
DCFS6

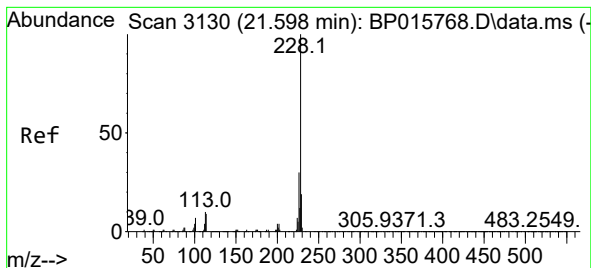
Tgt Ion:228 Resp: 143506
Ion Ratio Lower Upper
228 100
229 21.1 15.3 22.9
226 30.3 21.4 32.0



#86
Bis(2-ethylhexyl)phthalate
Concen: 4.856 ng/ul
RT: 21.422 min Scan# 3100
Delta R.T. -0.000 min
Lab File: BP015791.D
Acq: 28 Jun 2023 22:20

Tgt Ion:149 Resp: 208254
Ion Ratio Lower Upper
149 100
167 26.7 21.0 31.6
279 4.2 3.8 5.6





#87

Chrysene

Concen: 2.277 ng/ul

RT: 21.598 min Scan# 3130

Delta R.T. -0.000 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

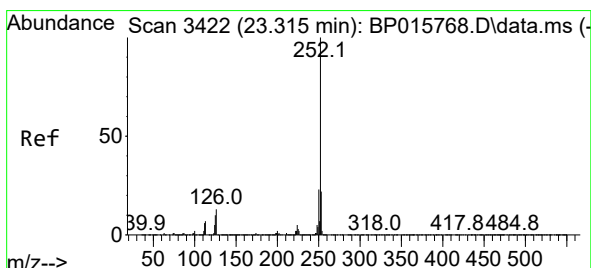
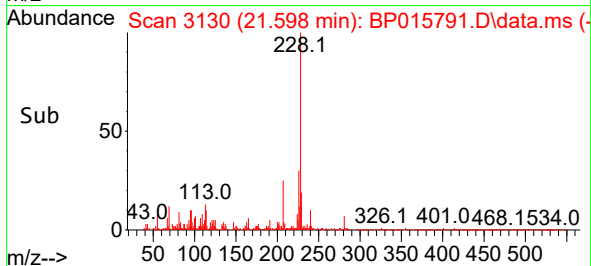
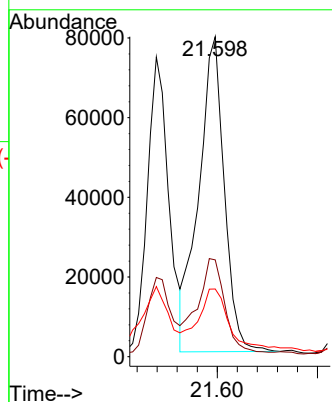
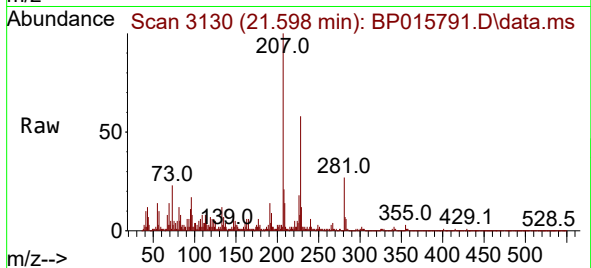
Tgt Ion:228 Resp: 140426

Ion Ratio Lower Upper

228 100

226 30.3 24.3 36.5

229 21.1 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 3.120 ng/ul

RT: 23.321 min Scan# 3423

Delta R.T. 0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

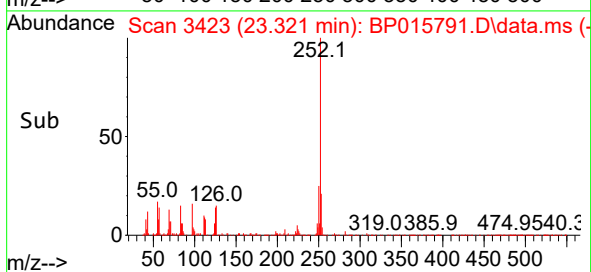
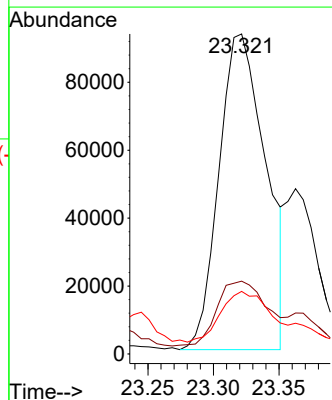
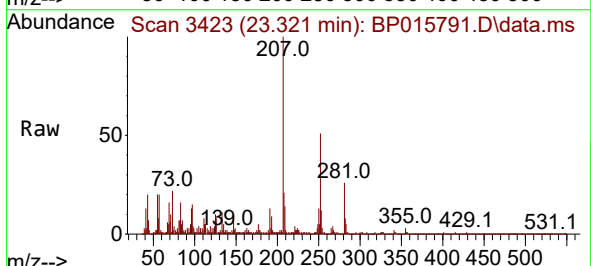
Tgt Ion:252 Resp: 230566

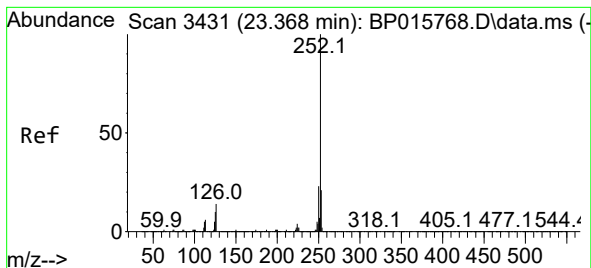
Ion Ratio Lower Upper

252 100

253 22.8 17.3 25.9

125 19.5 7.5 11.3#





#91

Benzo(k)fluoranthene

Concen: 3.088 ng/ul

RT: 23.321 min Scan# 3431

Delta R.T. -0.047 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

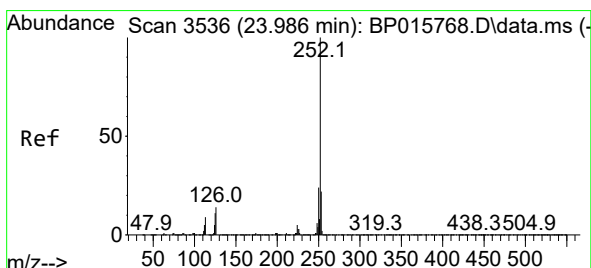
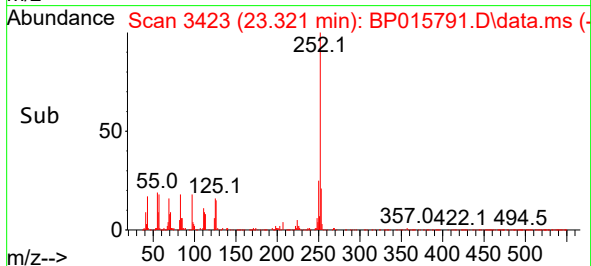
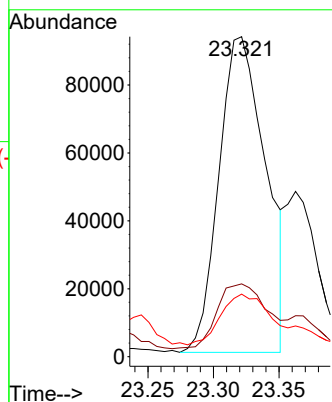
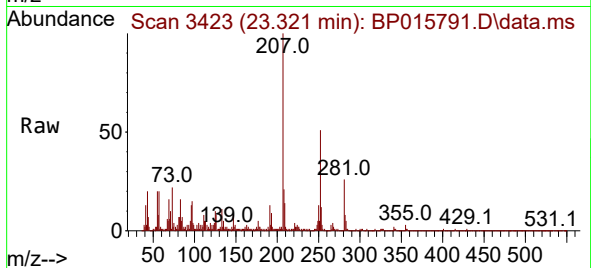
Tgt Ion:252 Resp: 230566

Ion Ratio Lower Upper

252 100

253 22.8 17.0 25.4

125 19.5 7.3 10.9#



#93

Benzo(a)pyrene

Concen: 2.227 ng/ul

RT: 23.986 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

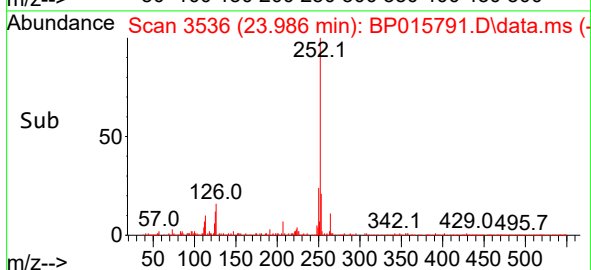
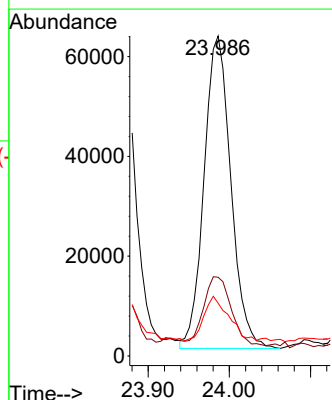
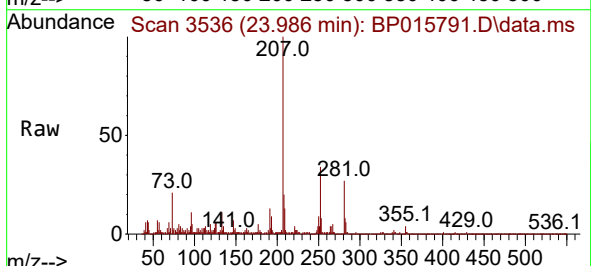
Tgt Ion:252 Resp: 143804

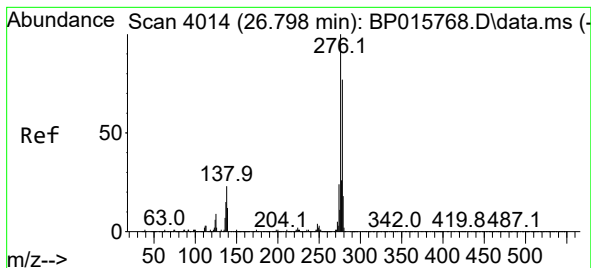
Ion Ratio Lower Upper

252 100

253 24.6 17.7 26.5

125 16.5 8.2 12.2#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.488 ng/ul

RT: 26.810 min Scan# 4014

Delta R.T. 0.012 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Instrument :

BNA_P

ClientSampleId :

DCFS6

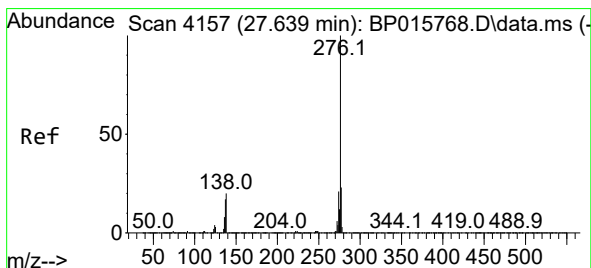
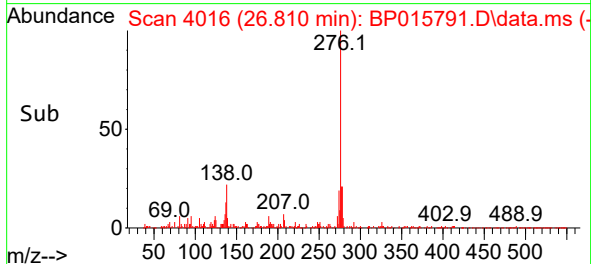
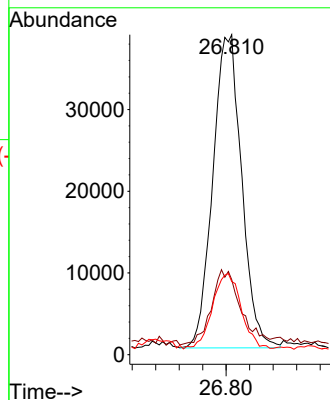
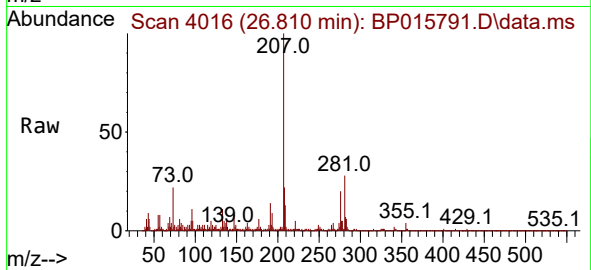
Tgt Ion:276 Resp: 130456

Ion Ratio Lower Upper

276 100

138 23.4 15.7 23.5

277 22.9 19.6 29.4



#96

Benzo(g,h,i)perylene

Concen: 1.691 ng/ul

RT: 27.639 min Scan# 4157

Delta R.T. 0.006 min

Lab File: BP015791.D

Acq: 28 Jun 2023 22:20

Tgt Ion:276 Resp: 121933

Ion Ratio Lower Upper

276 100

138 25.4 15.1 22.7#

277 26.0 18.8 28.2

