

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
 Data File : BP016168.D
 Acq On : 10 Jul 2023 20:23
 Operator : MA/JU
 Sample : 03385-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 YBW45

Quant Time: Jul 10 23:22:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 10 23:19:51 2023
 Response via : Initial Calibration

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

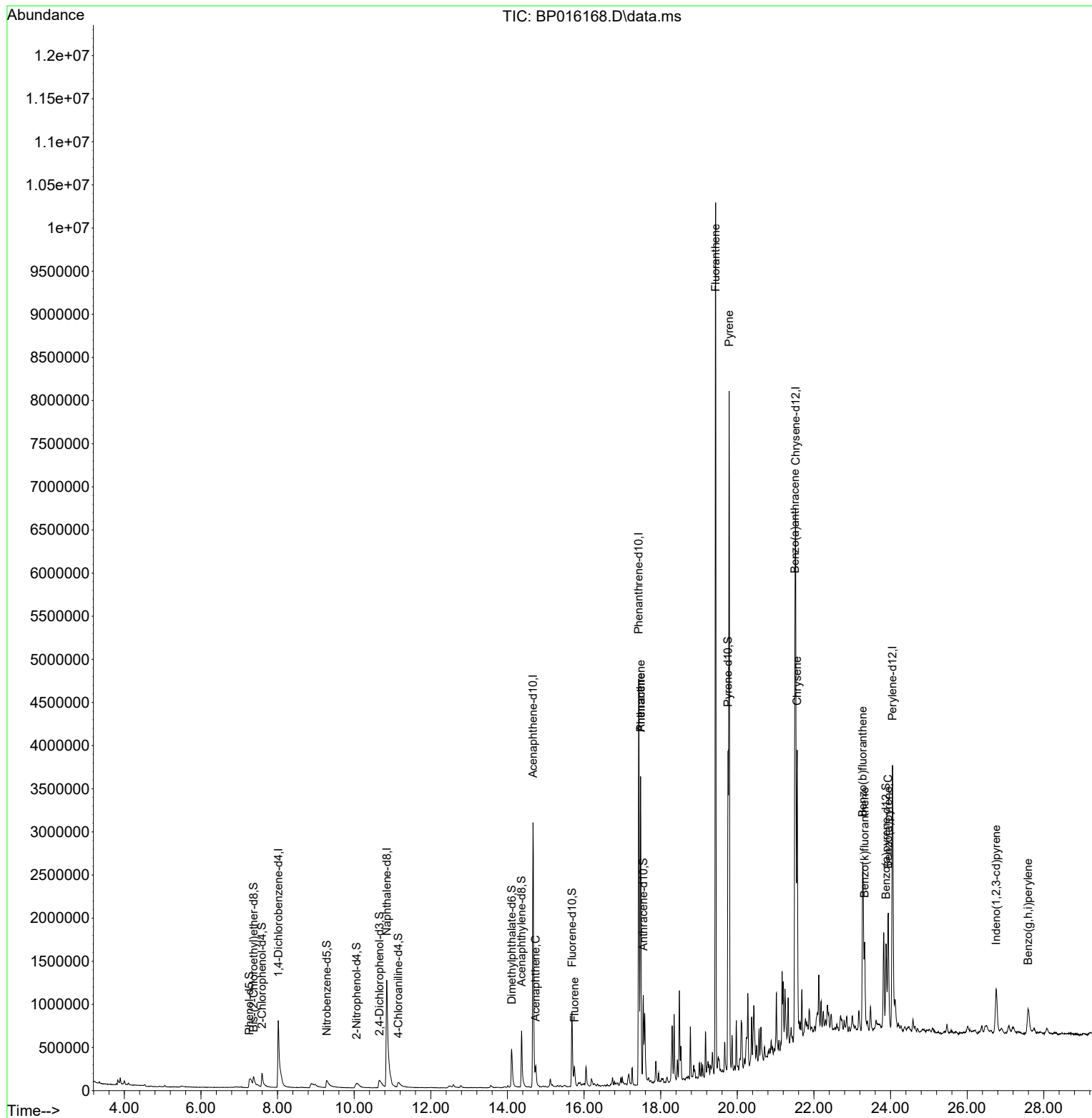
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	408113	20.000	ng/ul	0.00
20) Naphthalene-d8	10.851	136	1919049	20.000	ng/ul	# 0.02
38) Acenaphthene-d10	14.669	164	1290718	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.428	188	2949720	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.521	240	2675948	20.000	ng/ul	-0.02
88) Perylene-d12	24.051	264	2588261	20.000	ng/ul	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	10758	0.948	ng/uL	0.00
4) Pyridine-d5	3.781	84	212	0.007	ng/ul	-0.01
7) Phenol-d5	7.263	99	131151	3.756	ng/ul	0.06
9) Bis-(2-Chloroethyl)eth...	7.375	67	85321	3.949	ng/ul	0.03
11) 2-Chlorophenol-d4	7.593	132	124467	4.722	ng/ul	0.05
15) 4-Methylphenol-d8	8.646	113	121	0.004	ng/ul	-0.11
21) Nitrobenzene-d5	9.287	128	31022	2.115	ng/ul	0.08
24) 2-Nitrophenol-d4	10.063	143	25515	1.491	ng/ul	0.12
28) 2,4-Dichlorophenol-d3	10.657	165	66288	2.173	ng/ul	0.15
31) 4-Chloroaniline-d4	11.151	131	64491	1.646	ng/ul	0.13
46) Dimethylphthalate-d6	14.110	166	495591	4.968	ng/ul	0.03
49) Acenaphthylene-d8	14.369	160	523453	4.668	ng/ul	0.00
54) 4-Nitrophenol-d4	14.986	143	61	0.005	ng/ul	0.00
60) Fluorene-d10	15.686	176	445755	5.426	ng/ul	0.02
65) 4,6-Dinitro-2-methylph...	15.857	200	13	0.001	ng/ul	0.00
73) Anthracene-d10	17.545	188	664269	4.930	ng/ul	0.00
81) Pyrene-d10	19.757	212	922767	5.281	ng/ul	-0.02
92) Benzo(a)pyrene-d12	23.880	264	721939	5.529	ng/ul	-0.04
Target Compounds						Qvalue
52) Acenaphthene	14.739	153	108619	1.268	ng/ul	98
61) Fluorene	15.751	166	132416	1.372	ng/ul	100
72) Phenanthrene	17.475	178	2343700	14.626	ng/ul	100
74) Anthracene	17.475	178	2343700	14.555	ng/ul	98
80) Fluoranthene	19.433	202	5794018	26.681	ng/ul	95
82) Pyrene	19.786	202	4754423	21.463	ng/ul#	91
85) Benzo(a)anthracene	21.504	228	2169388	11.525	ng/ul	96
87) Chrysene	21.563	228	2032654	11.381	ng/ul	99
90) Benzo(b)fluoranthene	23.274	252	1877705	11.291	ng/ul#	97
91) Benzo(k)fluoranthene	23.321	252	603740	3.593	ng/ul#	96
93) Benzo(a)pyrene	23.939	252	1136680	7.822	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.756	276	581522	2.948	ng/ul	97
96) Benzo(g,h,i)perylene	27.592	276	454999	2.804	ng/ul#	91

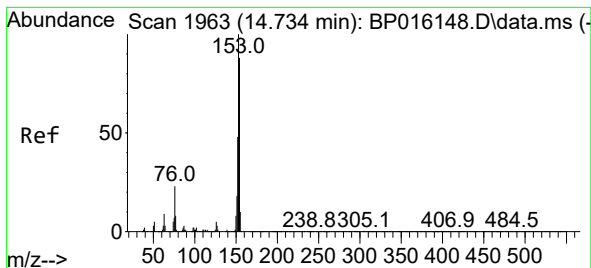
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071023\
Data File : BP016168.D
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.268 ng/ul

RT: 14.739 min Scan# 1963

Delta R.T. 0.006 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

Instrument :

BNP_P

ClientSampleId :

YBW45

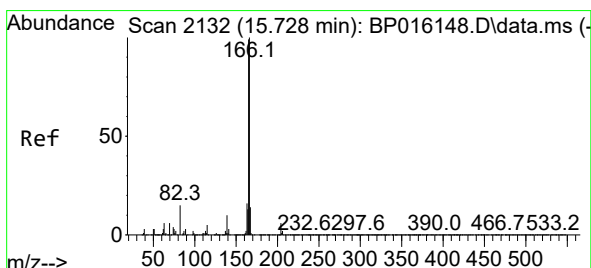
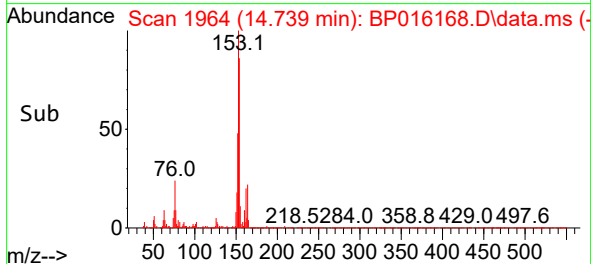
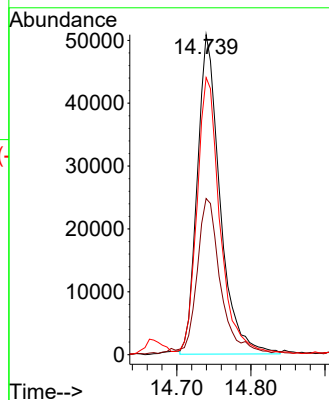
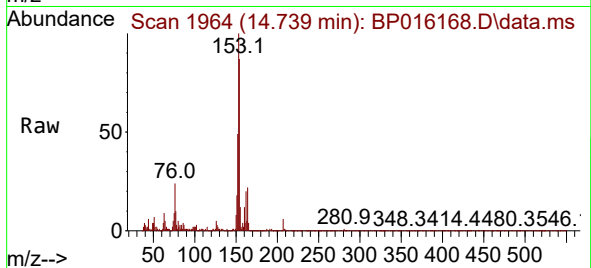
Tgt Ion:153 Resp: 108619

Ion Ratio Lower Upper

153 100

152 48.8 39.4 59.2

154 86.6 71.4 107.2



#61

Fluorene

Concen: 1.372 ng/ul

RT: 15.751 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

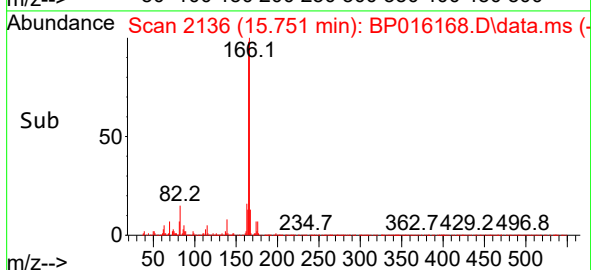
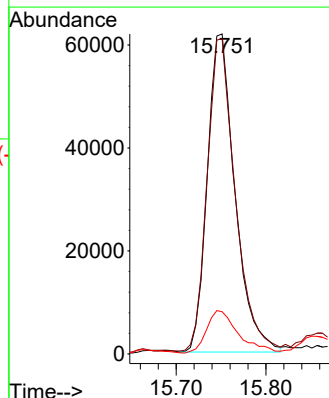
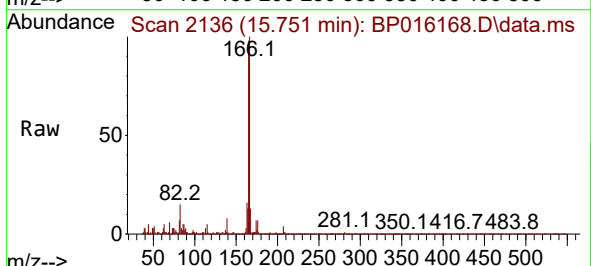
Tgt Ion:166 Resp: 132416

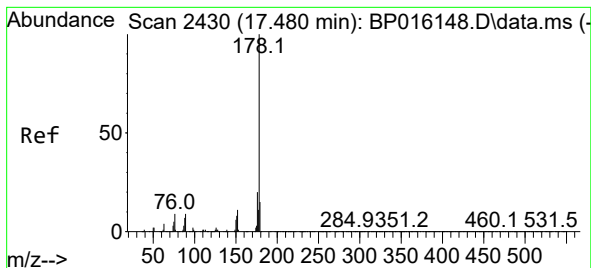
Ion Ratio Lower Upper

166 100

165 98.5 78.7 118.1

167 13.2 10.5 15.7





#72

Phenanthrene

Concen: 14.626 ng/ul

RT: 17.475 min Scan# 2429

Delta R.T. -0.006 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

Instrument :

BNA_P

ClientSampleId :

YBW45

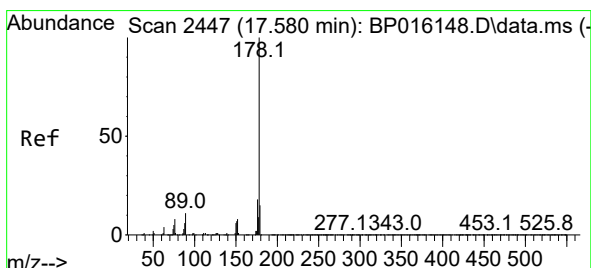
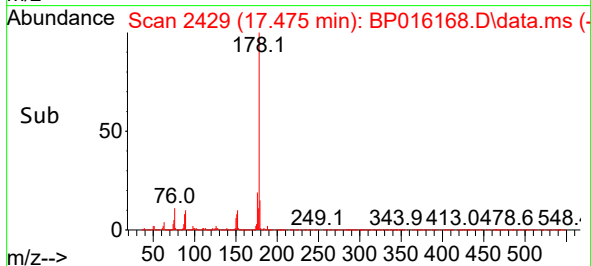
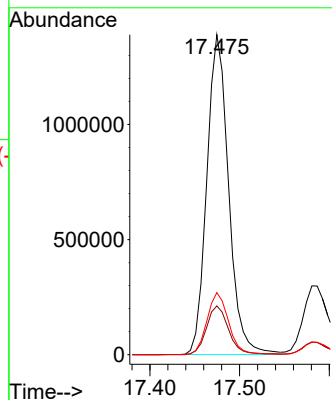
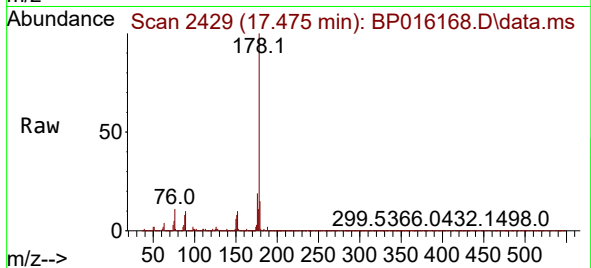
Tgt Ion:178 Resp: 2343700

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 19.4 15.6 23.4



#74

Anthracene

Concen: 14.555 ng/ul

RT: 17.475 min Scan# 2429

Delta R.T. -0.106 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

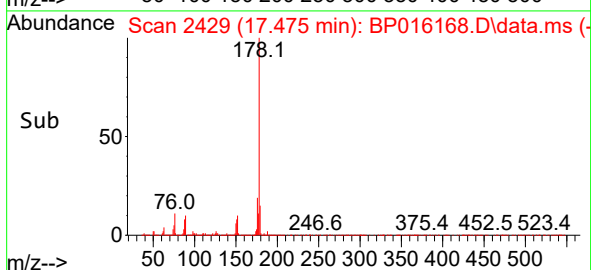
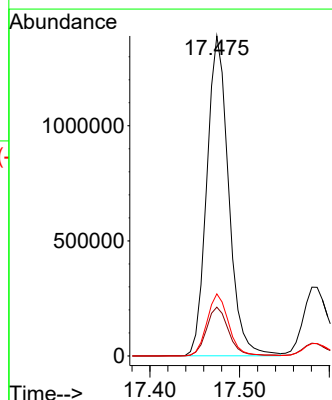
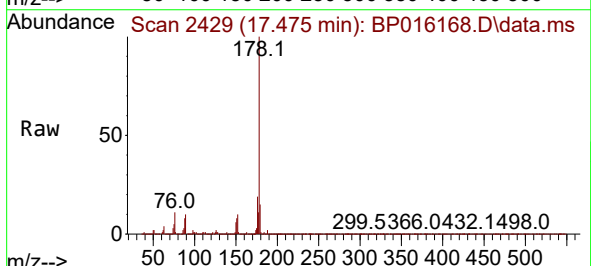
Tgt Ion:178 Resp: 2343700

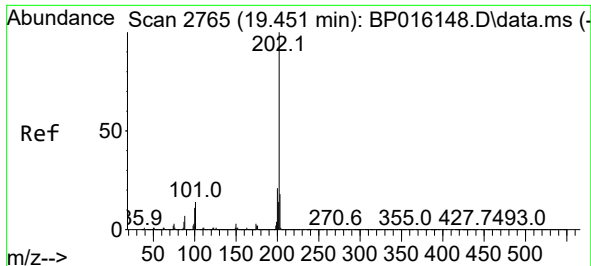
Ion Ratio Lower Upper

178 100

179 15.3 12.1 18.1

176 19.4 14.6 22.0

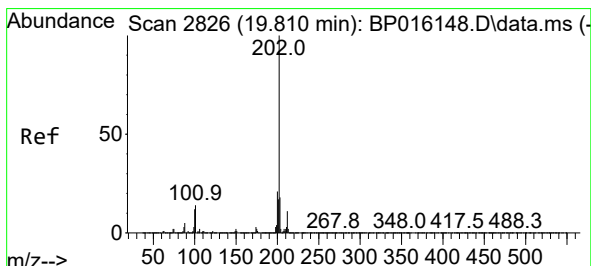
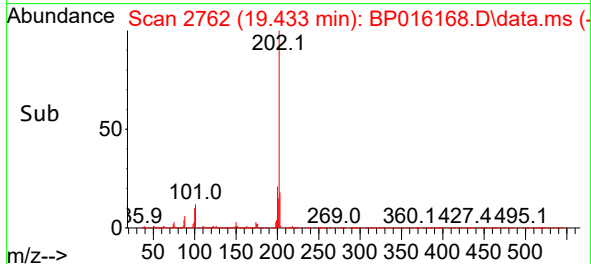
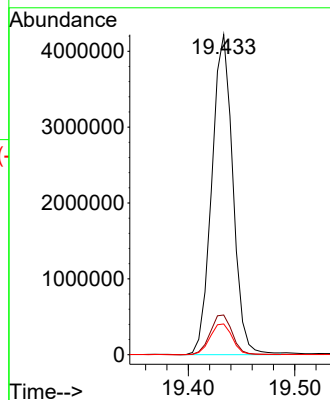
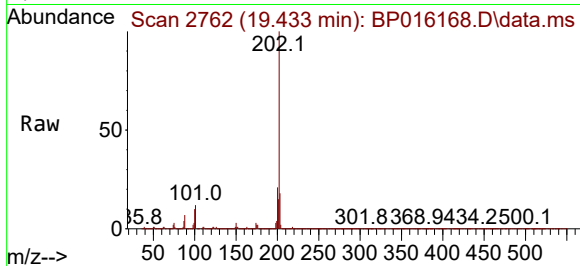




#80
Fluoranthene
Concen: 26.681 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

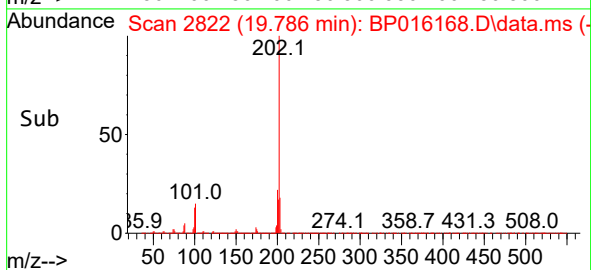
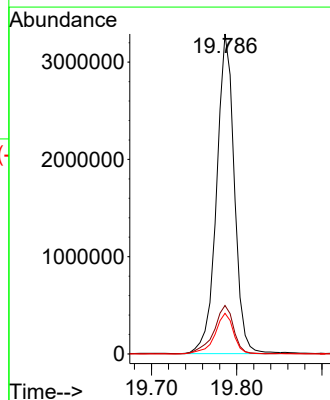
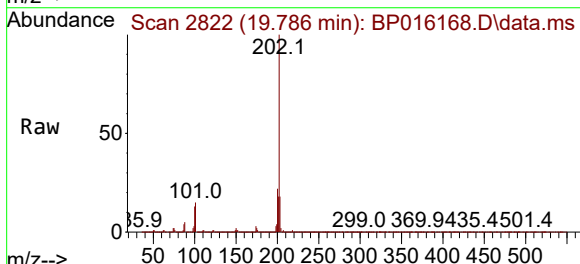
Instrument :
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YBW45

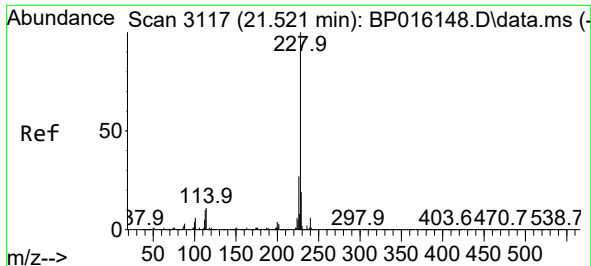
Tgt Ion:202 Resp: 5794018
Ion Ratio Lower Upper
202 100
101 12.4 8.3 12.5
100 9.6 6.6 9.8



#82
Pyrene
Concen: 21.463 ng/ul
RT: 19.786 min Scan# 2822
Delta R.T. -0.024 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

Tgt Ion:202 Resp: 4754423
Ion Ratio Lower Upper
202 100
101 15.2 9.3 13.9#
100 12.7 7.6 11.4#

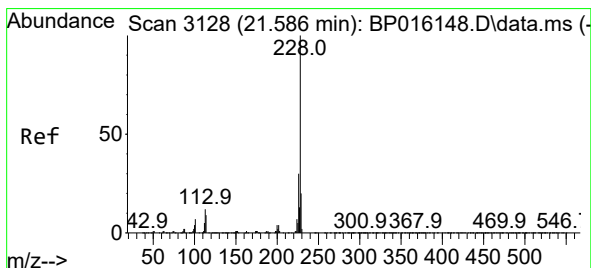
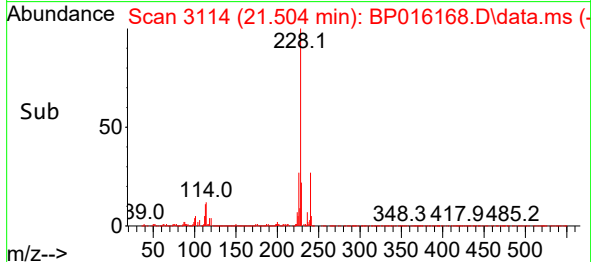
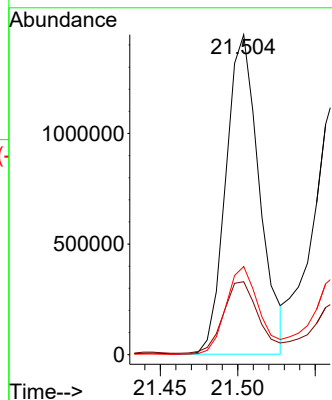
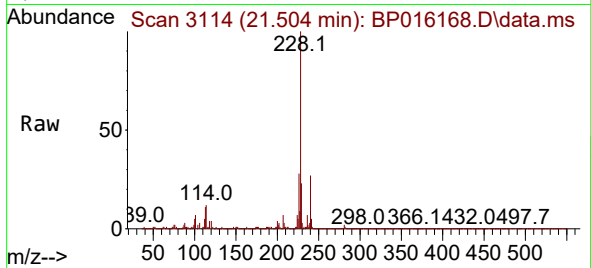




#85
Benzo(a)anthracene
Concen: 11.525 ng/ul
RT: 21.504 min Scan# 3114
Delta R.T. -0.018 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

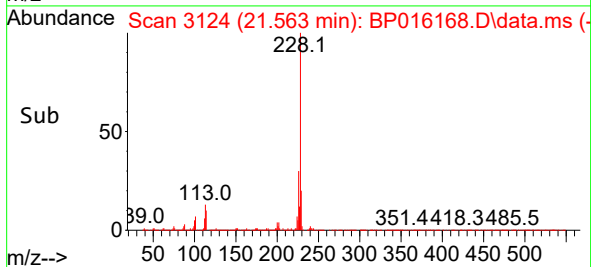
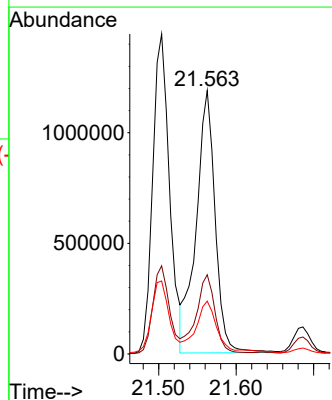
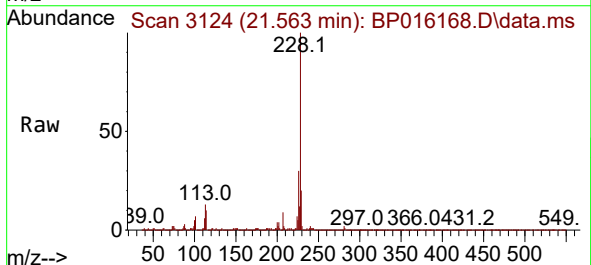
Instrument :
BNA_P
ClientSampleId :
YBW45

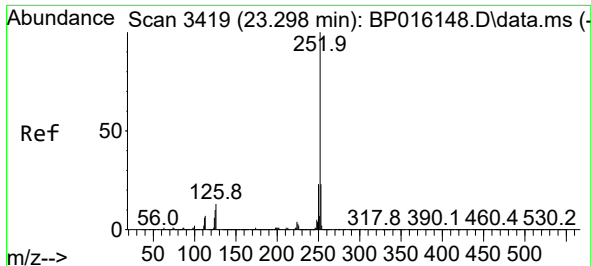
Tgt Ion:228 Resp: 2169388
Ion Ratio Lower Upper
228 100
229 22.8 15.3 22.9
226 27.6 21.4 32.0



#87
Chrysene
Concen: 11.381 ng/ul
RT: 21.563 min Scan# 3124
Delta R.T. -0.024 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

Tgt Ion:228 Resp: 2032654
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 20.1 15.5 23.3

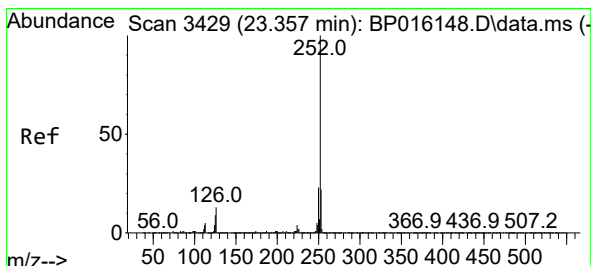
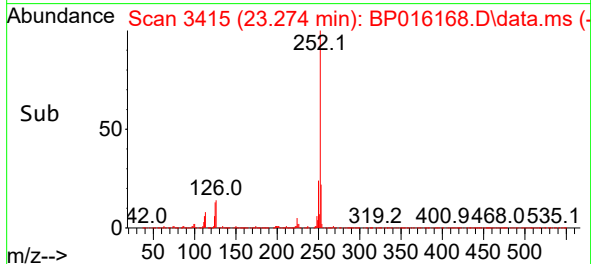
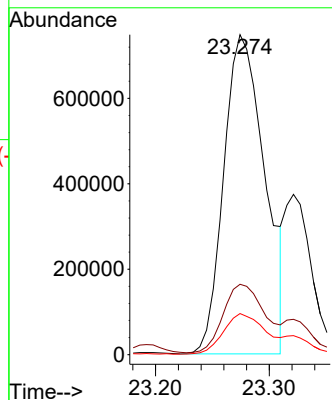
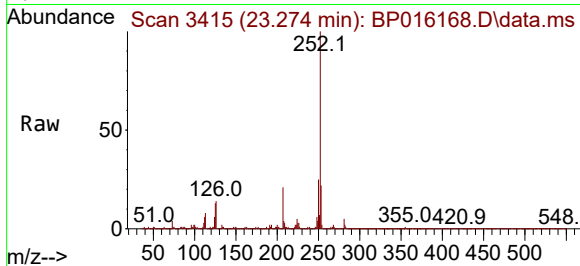




#90
Benzo(b)fluoranthene
Concen: 11.291 ng/ul
RT: 23.274 min Scan# 3419
Delta R.T. -0.024 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

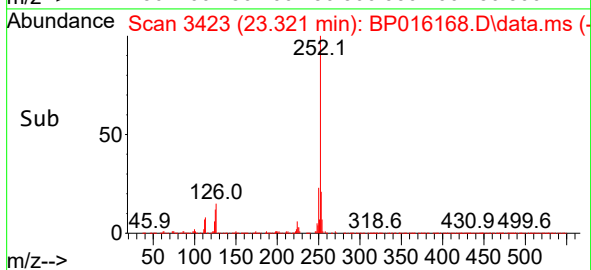
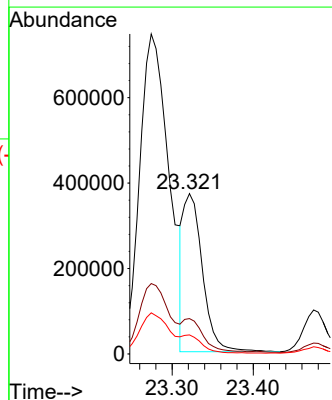
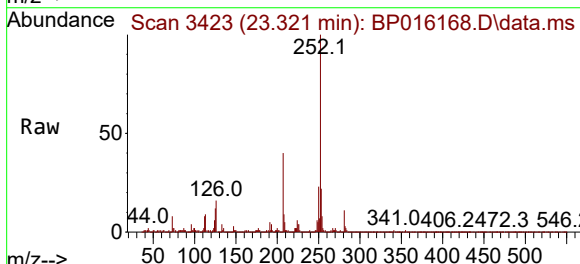
Instrument :
BNA_P
ClientSampleId :
YBW45

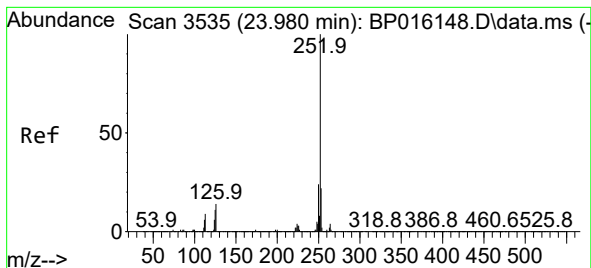
Tgt Ion:252 Resp: 1877705
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 12.8 7.5 11.3#



#91
Benzo(k)fluoranthene
Concen: 3.593 ng/ul
RT: 23.321 min Scan# 3423
Delta R.T. -0.035 min
Lab File: BP016168.D
Acq: 10 Jul 2023 20:23

Tgt Ion:252 Resp: 603740
Ion Ratio Lower Upper
252 100
253 22.0 17.0 25.4
125 11.8 7.3 10.9#





#93

Benzo(a)pyrene

Concen: 7.822 ng/ul

RT: 23.939 min Scan# 3

Delta R.T. -0.041 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

Instrument :

BNA_P

ClientSampleId :

YBW45

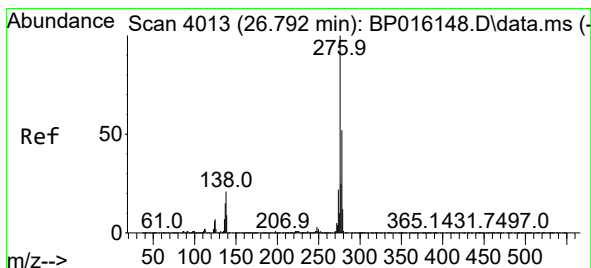
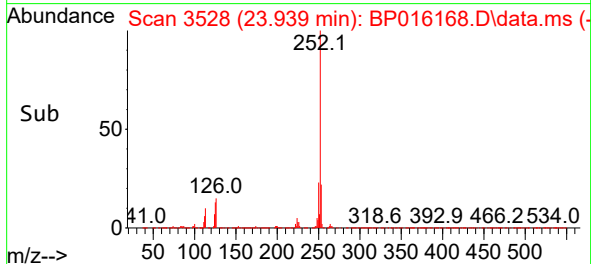
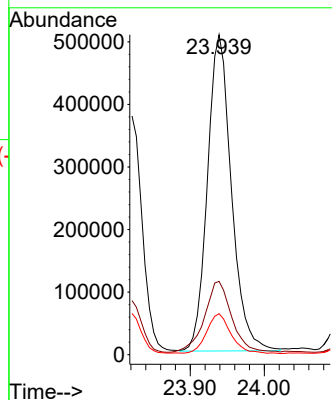
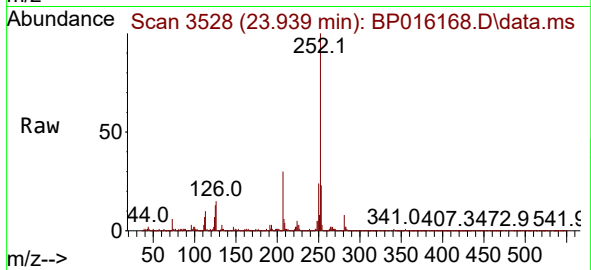
Tgt Ion:252 Resp: 1136680

Ion Ratio Lower Upper

252 100

253 22.9 17.7 26.5

125 12.8 8.2 12.2#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.948 ng/ul

RT: 26.756 min Scan# 4007

Delta R.T. -0.035 min

Lab File: BP016168.D

Acq: 10 Jul 2023 20:23

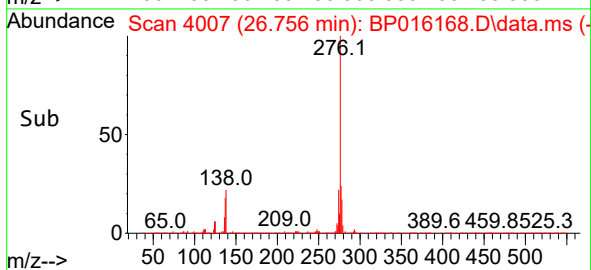
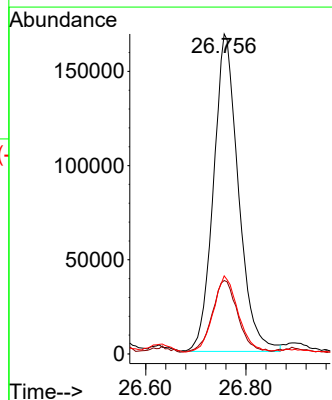
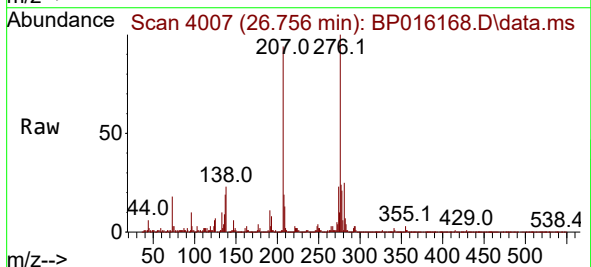
Tgt Ion:276 Resp: 581522

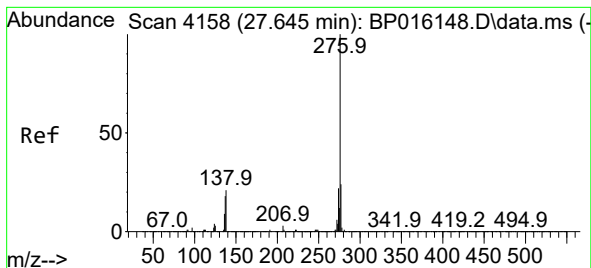
Ion Ratio Lower Upper

276 100

138 23.0 15.7 23.5

277 24.4 19.6 29.4





#96

Benzo(g,h,i)perylene

Concen: 2.804 ng/ul

RT: 27.592 min Scan# 41

Delta R.T. -0.053 min

Lab File: BP016168.D

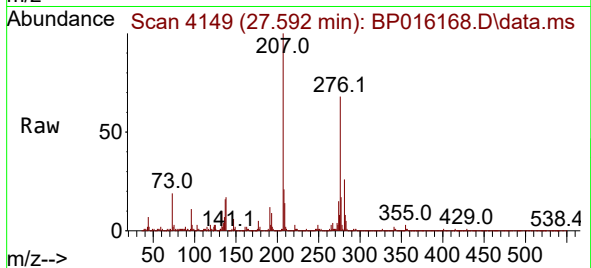
Acq: 10 Jul 2023 20:23

Instrument :

BNA_P

ClientSampleId :

YBW45



Tgt Ion:276 Resp: 454999

Ion Ratio Lower Upper

276 100

138 25.3 15.1 22.7#

277 25.7 18.8 28.2

