

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071524\
 Data File : BP020985.D
 Acq On : 16 Jul 2024 10:44
 Operator : MA/JU
 Sample : P3177-12
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4BX5

Quant Time: Jul 16 22:54:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 15 12:22:22 2024
 Response via : Initial Calibration

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

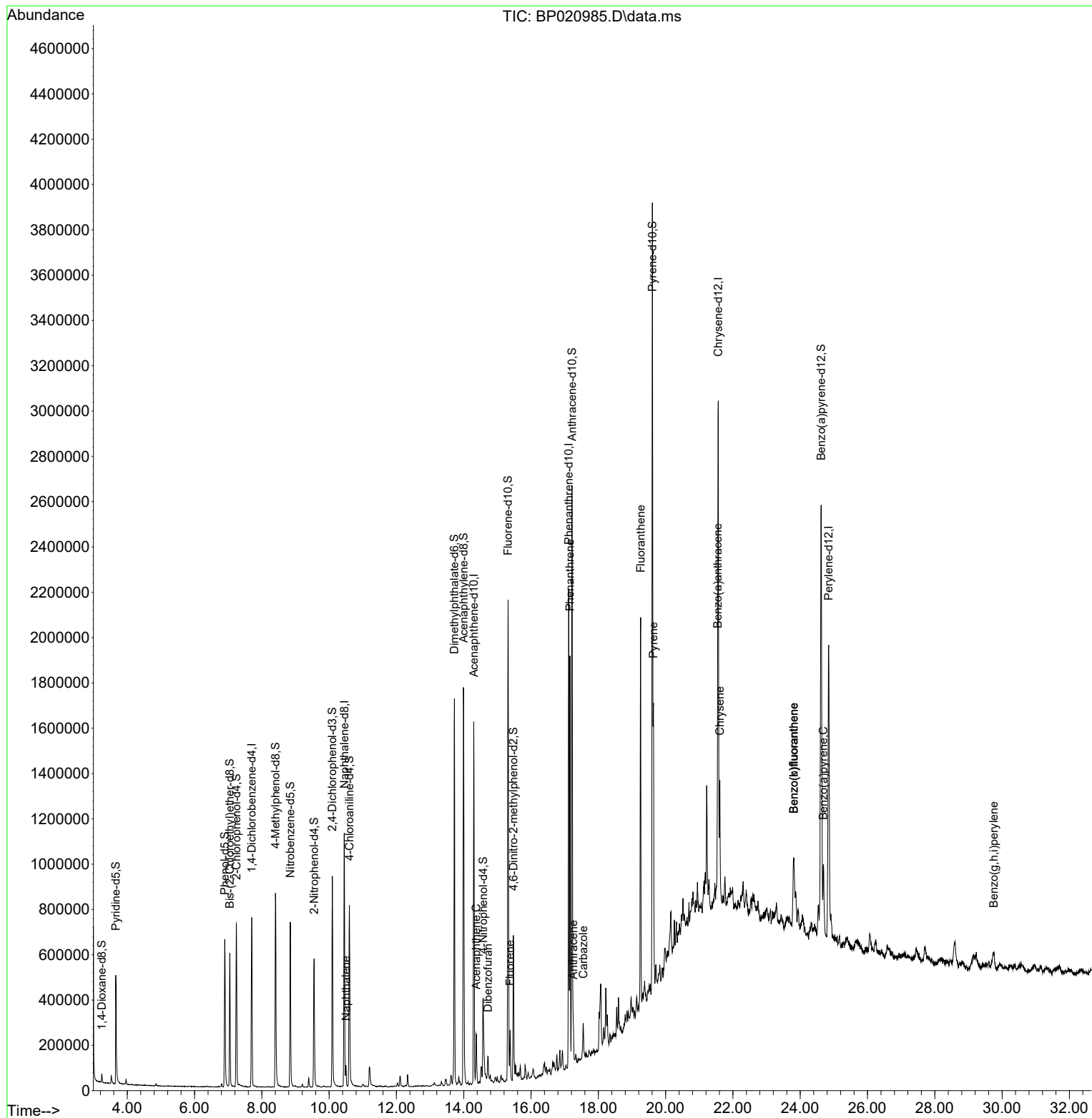
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	215442	20.000	ng/ul	0.01
20) Naphthalene-d8	10.452	136	868543	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.298	164	559251	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.116	188	1185850	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	1152429	20.000	ng/ul	0.01
88) Perylene-d12	24.845	264	1367790	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	18176	3.839	ng/uL	0.00
4) Pyridine-d5	3.658	84	259583	18.939	ng/ul	0.00
7) Phenol-d5	6.899	99	420142	23.920	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	252053	23.679	ng/ul	0.01
11) 2-Chlorophenol-d4	7.246	132	355028	24.533	ng/ul	0.01
15) 4-Methylphenol-d8	8.405	113	358296	24.561	ng/ul	0.01
21) Nitrobenzene-d5	8.846	128	175633	26.035	ng/ul	0.02
24) 2-Nitrophenol-d4	9.552	143	206042	26.685	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	352721	25.263	ng/ul	0.00
31) 4-Chloroaniline-d4	10.599	131	481082	26.010	ng/ul	0.01
46) Dimethylphthalate-d6	13.722	166	1180280	29.032	ng/ul	0.01
49) Acenaphthylene-d8	13.993	160	1341724	29.392	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.575	143	136498	23.598	ng/ul	0.00
60) Fluorene-d10	15.316	176	1016104	30.465	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.475	200	150229	20.938	ng/ul	0.01
73) Anthracene-d10	17.216	188	1578218	29.965	ng/ul	0.00
81) Pyrene-d10	19.604	212	1853663	26.017	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.621	264	2018180	29.917	ng/ul	0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.499	128	68244	1.494	ng/ul	98
52) Acenaphthene	14.369	153	112296	3.273	ng/ul	99
56) Dibenzofuran	14.722	168	79117	1.684	ng/ul	98
61) Fluorene	15.381	166	99943	2.607	ng/ul	96
72) Phenanthrene	17.157	178	1046807	17.016	ng/ul	99
74) Anthracene	17.257	178	140867	2.246	ng/ul	97
77) Carbazole	17.551	167	92435	1.803	ng/ul	98
80) Fluoranthene	19.257	202	1064020	12.366	ng/ul	100
82) Pyrene	19.639	202	883231	10.088	ng/ul	100
85) Benzo(a)anthracene	21.545	228	346749	4.295	ng/ul	96
87) Chrysene	21.610	228	351904	4.691	ng/ul	97
90) Benzo(b)fluoranthene	23.810	252	414440	4.993	ng/ul#	93
91) Benzo(k)fluoranthene	23.810	252	414440	5.003	ng/ul#	94
93) Benzo(a)pyrene	24.686	252	281838	3.593	ng/ul	97
96) Benzo(g,h,i)perylene	29.750	276	162043	1.969	ng/ul	96

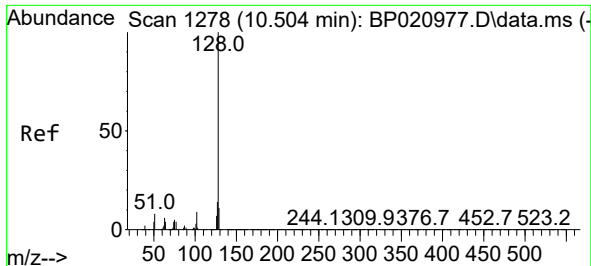
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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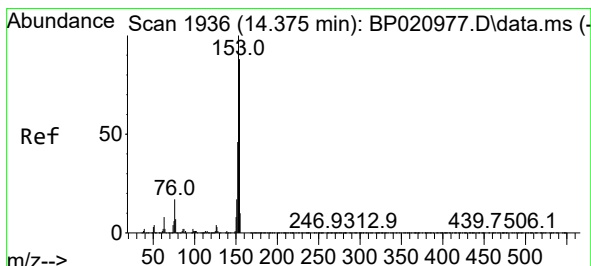
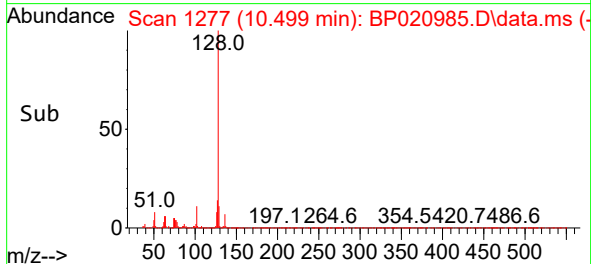
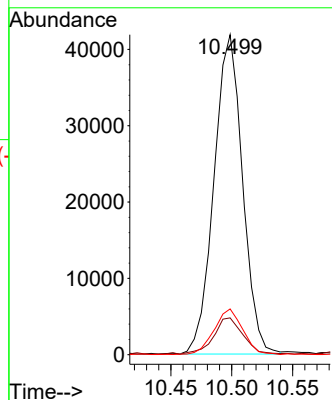
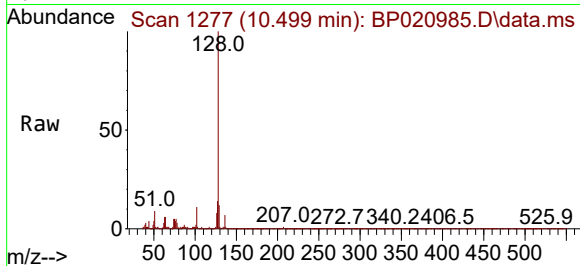




#30
Naphthalene
Concen: 1.494 ng/ul
RT: 10.499 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP020985.D
Acq: 16 Jul 2024 10:44

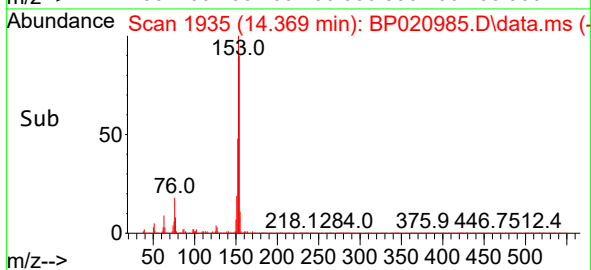
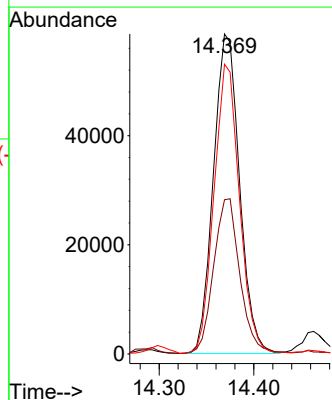
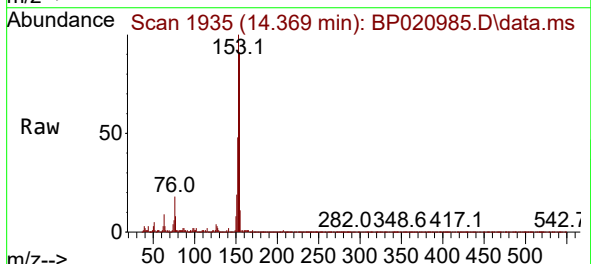
Instrument :
BNA_P
ClientSampleId :
A4BX5

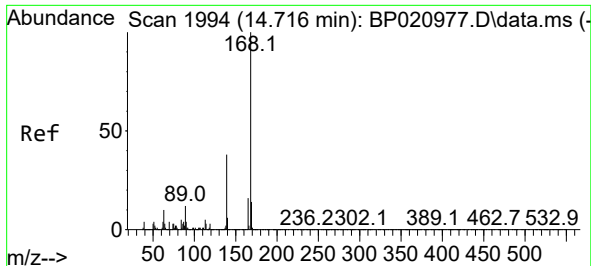
Tgt Ion:128 Resp: 68244
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 14.3 10.8 16.2



#52
Acenaphthene
Concen: 3.273 ng/ul
RT: 14.369 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP020985.D
Acq: 16 Jul 2024 10:44

Tgt Ion:153 Resp: 112296
Ion Ratio Lower Upper
153 100
152 48.2 37.8 56.6
154 90.5 71.8 107.6

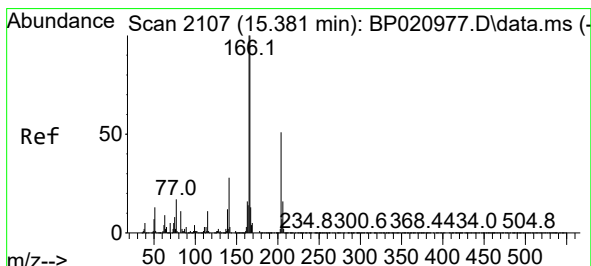
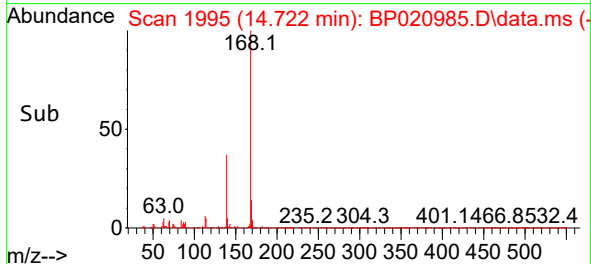
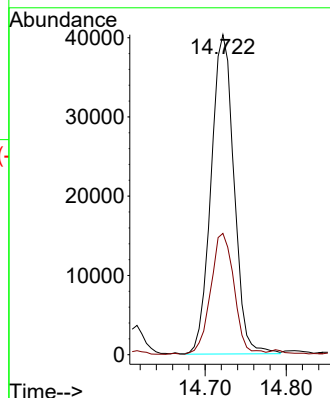
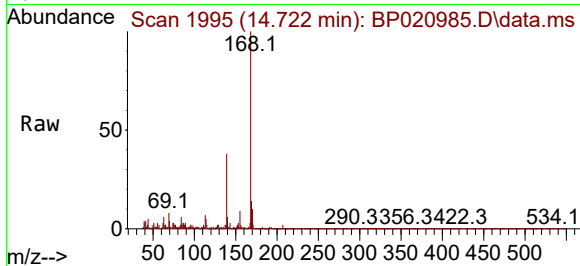




#56
Dibenzofuran
Concen: 1.684 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. 0.012 min
Lab File: BP020985.D
Acq: 16 Jul 2024 10:44

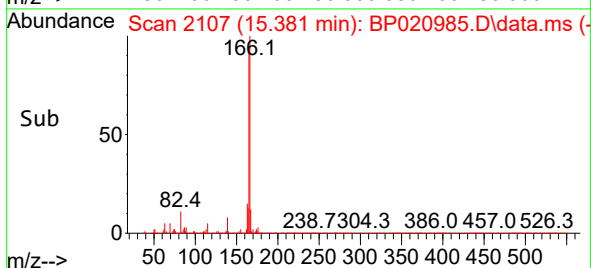
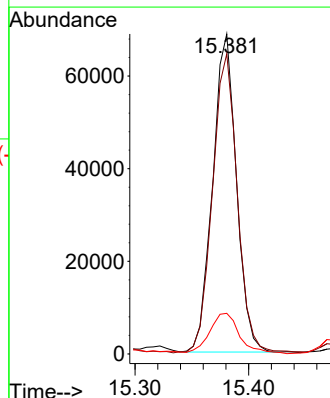
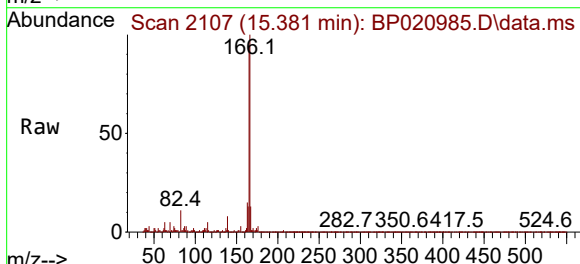
Instrument :
BNA_P
ClientSampleId :
A4BX5

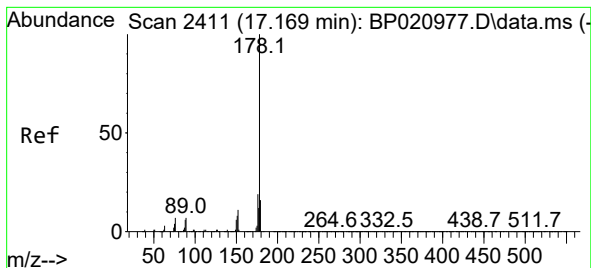
Tgt Ion:168 Resp: 79117
Ion Ratio Lower Upper
168 100
139 37.9 31.1 46.7



#61
Fluorene
Concen: 2.607 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BP020985.D
Acq: 16 Jul 2024 10:44

Tgt Ion:166 Resp: 99943
Ion Ratio Lower Upper
166 100
165 93.8 78.1 117.1
167 12.7 10.9 16.3





#72

Phenanthrene

Concen: 17.016 ng/ul

RT: 17.157 min Scan# 2411

Delta R.T. -0.006 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5

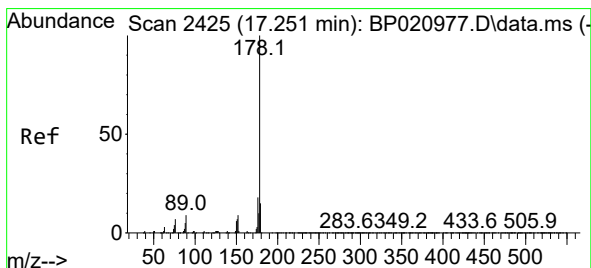
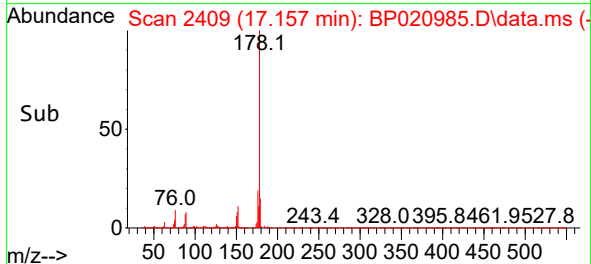
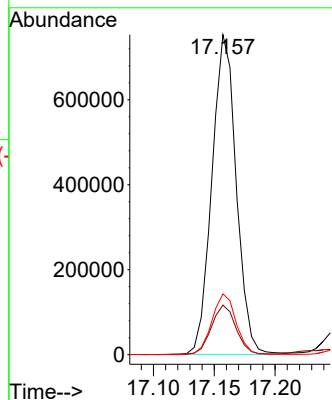
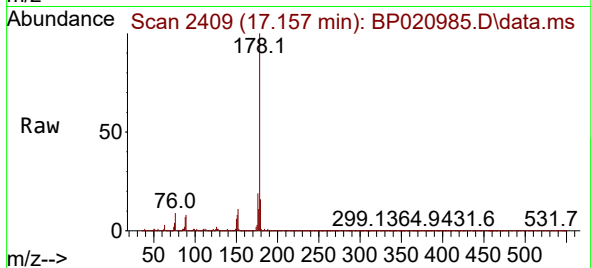
Tgt Ion:178 Resp: 1046807

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

176 19.0 15.0 22.4



#74

Anthracene

Concen: 2.246 ng/ul

RT: 17.257 min Scan# 2426

Delta R.T. -0.000 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

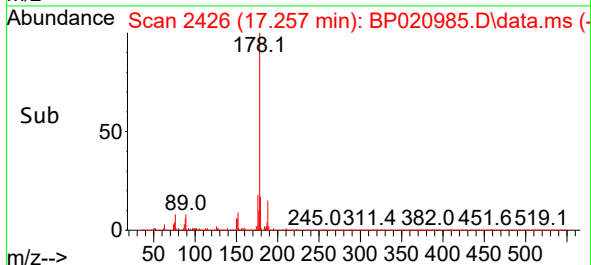
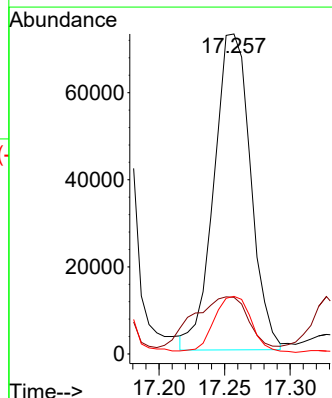
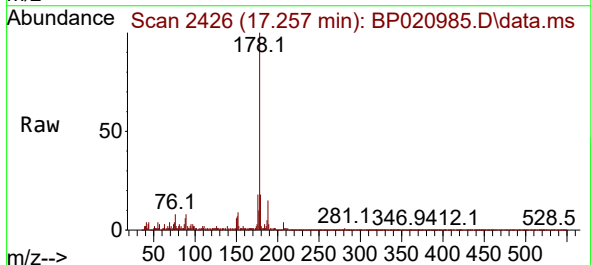
Tgt Ion:178 Resp: 140867

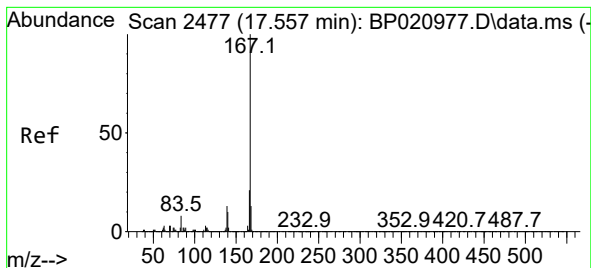
Ion Ratio Lower Upper

178 100

179 17.7 12.5 18.7

176 18.0 14.8 22.2





#77

Carbazole

Concen: 1.803 ng/ul

RT: 17.551 min Scan# 2477

Delta R.T. 0.012 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5

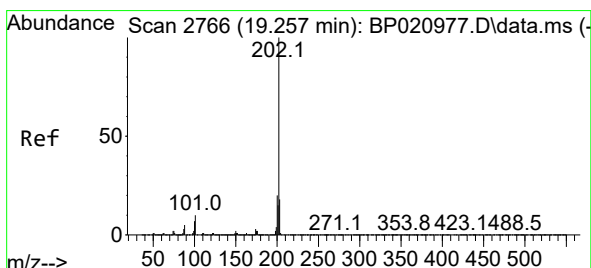
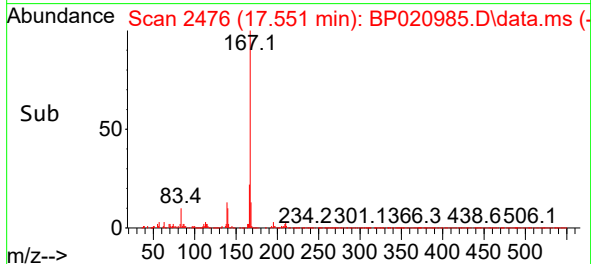
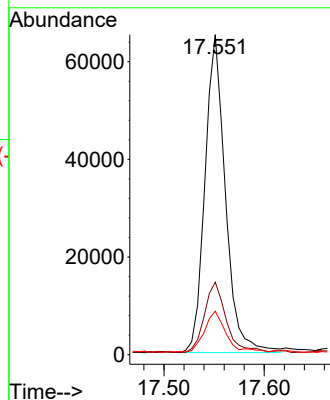
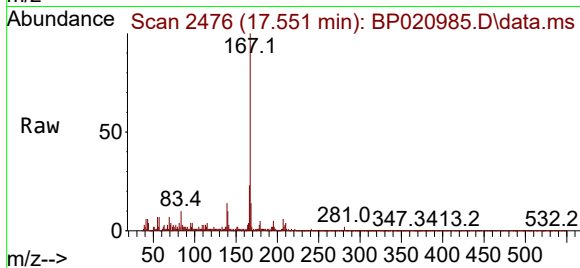
Tgt Ion:167 Resp: 92435

Ion Ratio Lower Upper

167 100

166 22.7 17.3 25.9

139 13.6 10.2 15.2



#80

Fluoranthene

Concen: 12.366 ng/ul

RT: 19.257 min Scan# 2766

Delta R.T. 0.006 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

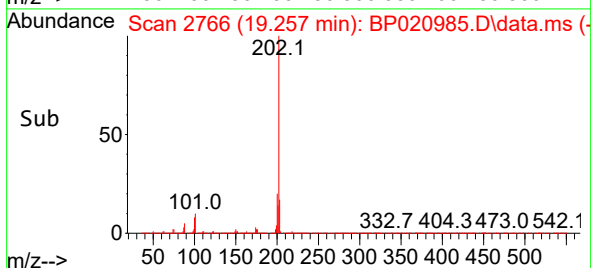
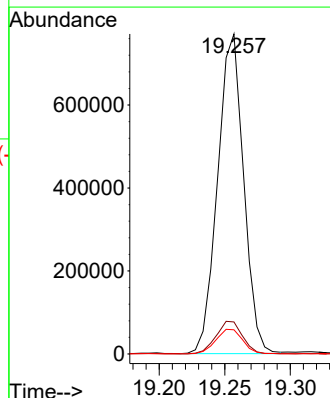
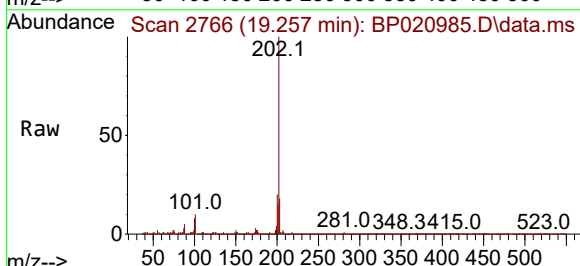
Tgt Ion:202 Resp: 1064020

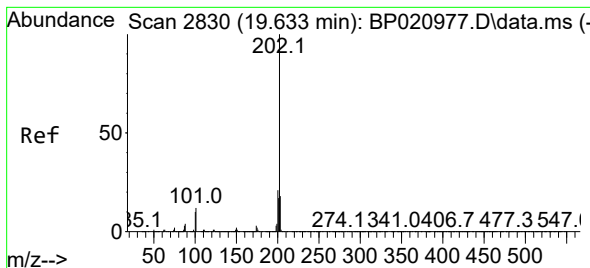
Ion Ratio Lower Upper

202 100

101 10.0 8.0 12.0

100 7.6 6.1 9.1





#82

Pyrene

Concen: 10.088 ng/ul

RT: 19.639 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5

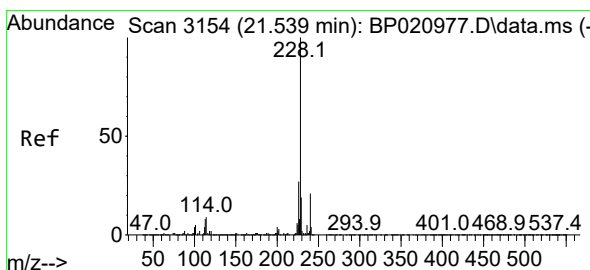
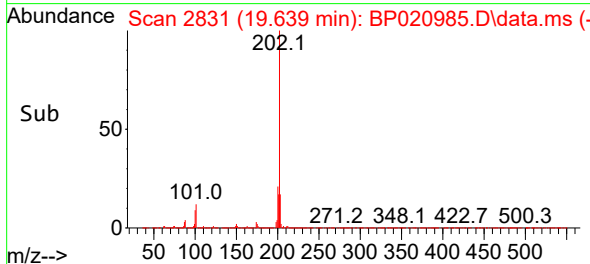
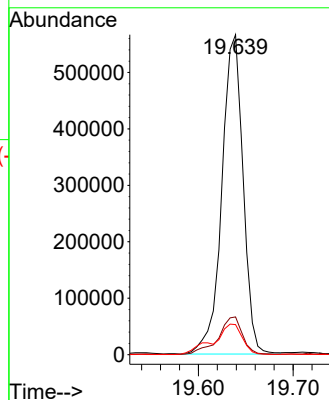
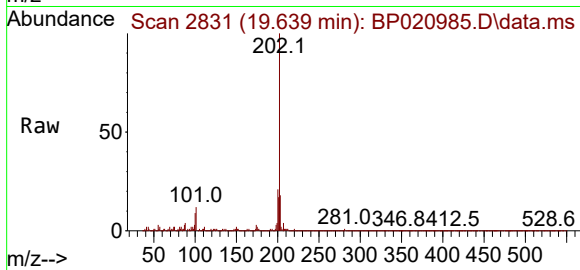
Tgt Ion:202 Resp: 883231

Ion Ratio Lower Upper

202 100

101 11.8 9.4 14.2

100 9.4 7.8 11.6



#85

Benzo(a)anthracene

Concen: 4.295 ng/ul

RT: 21.545 min Scan# 3155

Delta R.T. 0.012 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

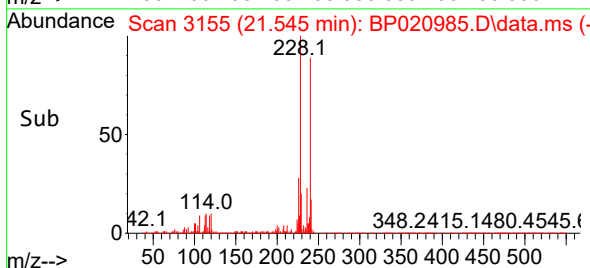
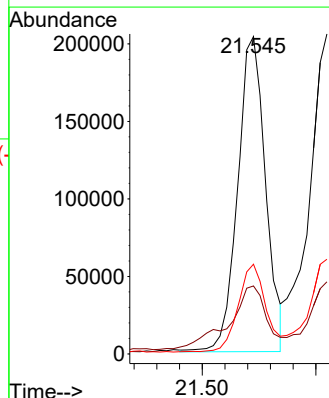
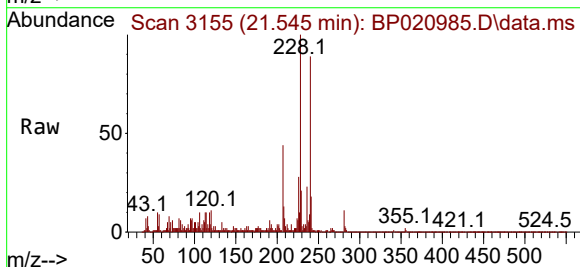
Tgt Ion:228 Resp: 346749

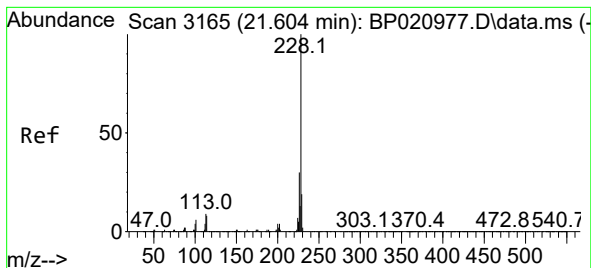
Ion Ratio Lower Upper

228 100

229 21.4 15.5 23.3

226 28.3 21.4 32.2





#87

Chrysene

Concen: 4.691 ng/ul

RT: 21.610 min Scan# 3165

Delta R.T. 0.012 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5

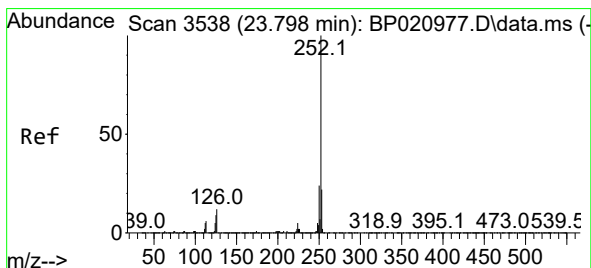
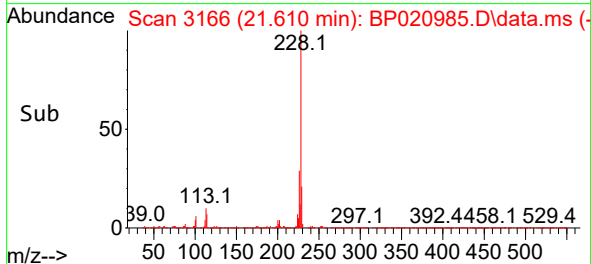
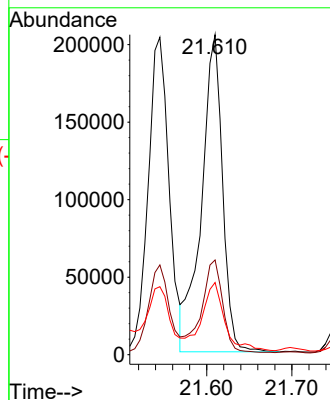
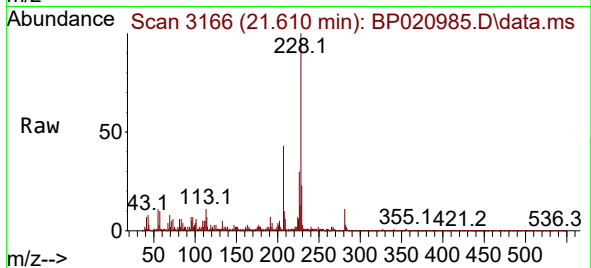
Tgt Ion:228 Resp: 351904

Ion Ratio Lower Upper

228 100

226 29.6 23.6 35.4

229 22.6 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 4.993 ng/ul

RT: 23.810 min Scan# 3540

Delta R.T. 0.029 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

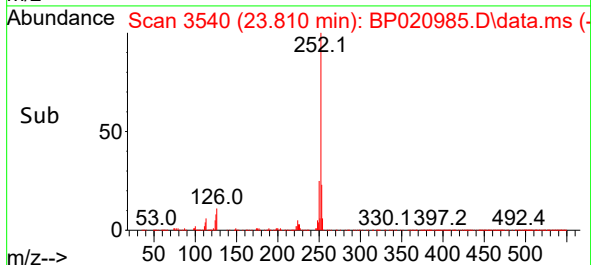
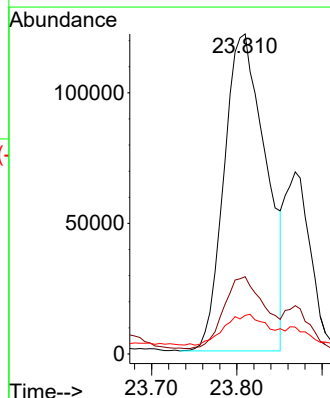
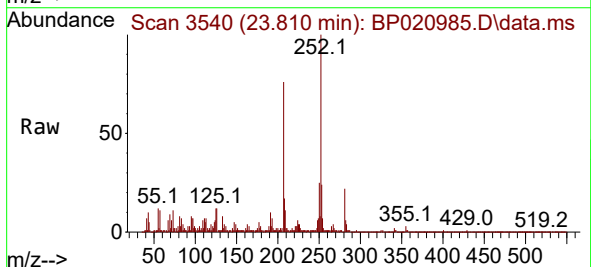
Tgt Ion:252 Resp: 414440

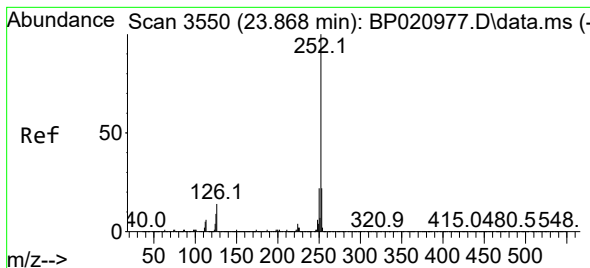
Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 12.0 7.0 10.4





#91

Benzo(k)fluoranthene

Concen: 5.003 ng/ul

RT: 23.810 min Scan# 3550

Delta R.T. -0.041 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5

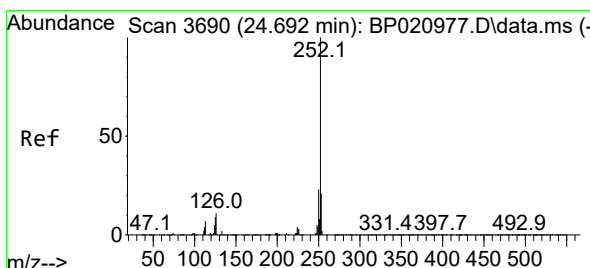
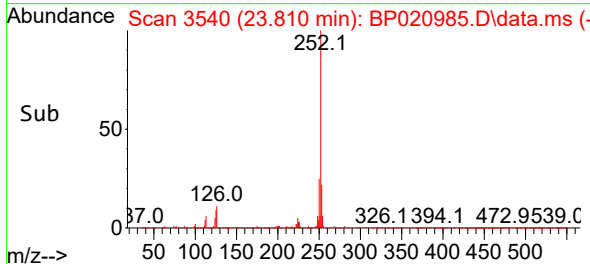
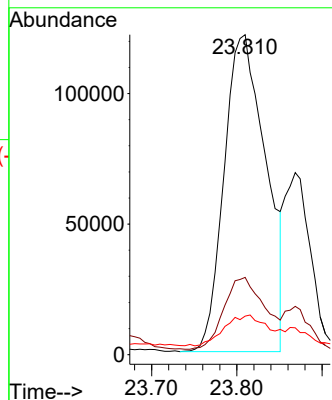
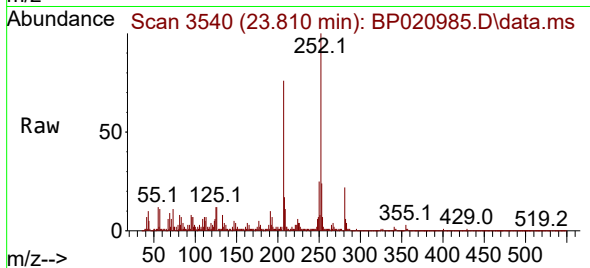
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Ion Ratio Lower Upper

252 100

253 24.2 17.4 26.2

125 12.0 7.4 11.0#



#93

Benzo(a)pyrene

Concen: 3.593 ng/ul

RT: 24.686 min Scan# 3689

Delta R.T. 0.018 min

Lab File: BP020985.D

Acq: 16 Jul 2024 10:44

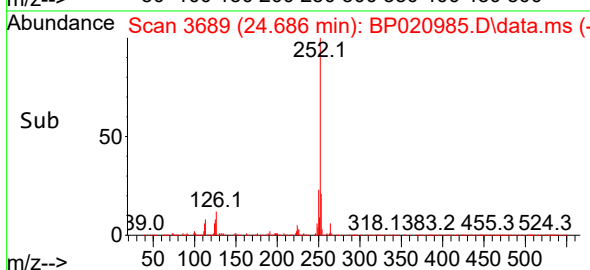
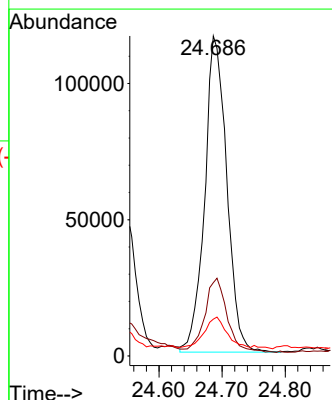
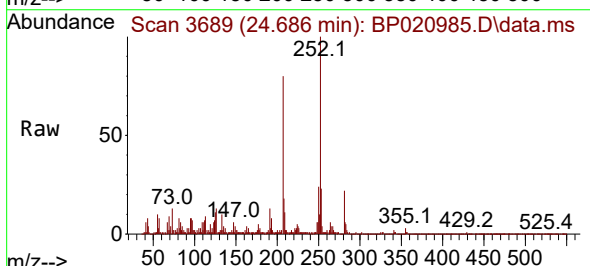
Tgt Ion:252 Resp: 281838

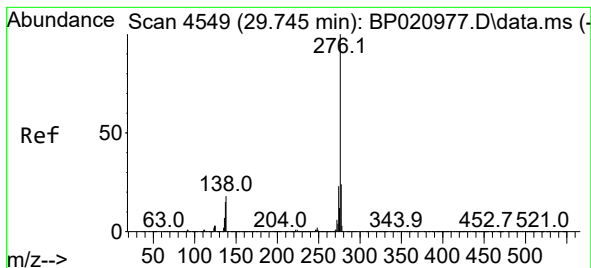
Ion Ratio Lower Upper

252 100

253 22.9 17.4 26.0

125 11.5 7.7 11.5





#96

Benzo(g,h,i)perylene

Concen: 1.969 ng/ul

RT: 29.750 min Scan# 41

Delta R.T. 0.023 min

Lab File: BP020985.D

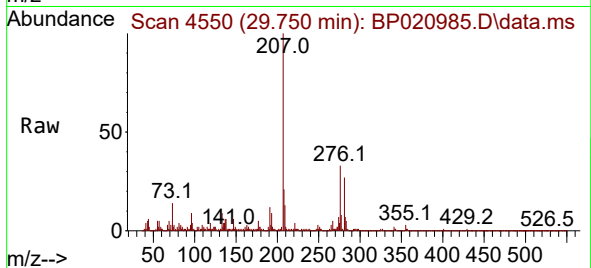
Acq: 16 Jul 2024 10:44

Instrument :

BNA_P

ClientSampleId :

A4BX5



Tgt Ion:276 Resp: 162043

Ion Ratio Lower Upper

276 100

138 18.3 15.3 22.9

277 25.5 18.2 27.2

