

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
 Data File : BP021077.D
 Acq On : 19 Jul 2024 14:16
 Operator : MA/JU
 Sample : P3238-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Jul 20 00:35:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 18 14:23:21 2024
 Response via : Initial Calibration

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

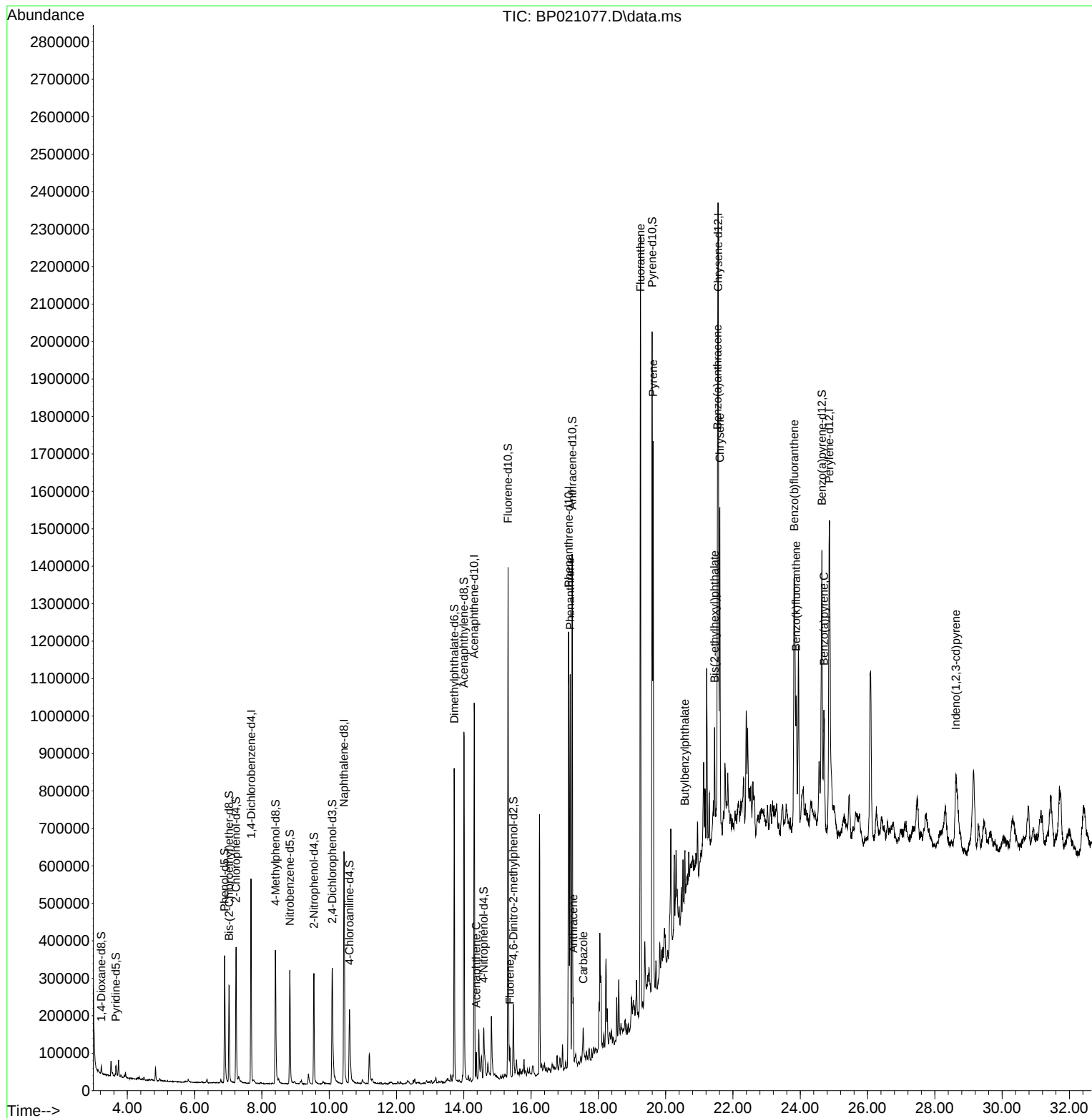
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	144999	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.439	136	580174	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.310	164	380649	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	811416	20.000	ng/u1	-0.01
79) Chrysene-d12	21.562	240	803281	20.000	ng/u1	-0.02
88) Perylene-d12	24.862	264	970233	20.000	ng/u1	-0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.228	96	9778	3.069	ng/uL	0.00
4) Pyridine-d5	3.663	84	16949	1.837	ng/u1	0.00
7) Phenol-d5	6.893	99	213228	18.038	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.022	67	118112	16.487	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.234	132	173073	17.770	ng/u1	0.00
15) 4-Methylphenol-d8	8.404	113	166260	16.934	ng/u1	-0.01
21) Nitrobenzene-d5	8.834	128	82789	18.372	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.545	143	96432	18.697	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.092	165	167909	18.004	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.604	131	146958	11.894	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	533300	19.273	ng/u1	0.00
49) Acenaphthylene-d8	14.004	160	629114	20.248	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	57368	14.571	ng/u1	-0.01
60) Fluorene-d10	15.316	176	471729	20.780	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.474	200	48553	9.890	ng/u1	0.00
73) Anthracene-d10	17.221	188	749749	20.804	ng/u1	0.00
81) Pyrene-d10	19.598	212	825446	16.621	ng/u1	-0.02
92) Benzo(a)pyrene-d12	24.645	264	697933	14.585	ng/u1	-0.04
Target Compounds						
					Qvalue	
52) Acenaphthene	14.374	153	26548	1.137	ng/u1	94
61) Fluorene	15.374	166	30098	1.154	ng/u1	99
72) Phenanthrene	17.163	178	701389	16.663	ng/u1	100
74) Anthracene	17.257	178	108255	2.523	ng/u1	98
77) Carbazole	17.551	167	60440	1.723	ng/u1#	94
80) Fluoranthene	19.251	202	1317767	21.972	ng/u1	98
82) Pyrene	19.627	202	980669	16.069	ng/u1	97
83) Butylbenzylphthalate	20.574	149	42155	1.658	ng/u1	95
85) Benzo(a)anthracene	21.539	228	568093	10.096	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.456	149	98470	2.691	ng/u1	99
87) Chrysene	21.609	228	636176	12.167	ng/u1	97
90) Benzo(b)fluoranthene	23.821	252	812275	13.796	ng/u1	97
91) Benzo(k)fluoranthene	23.880	252	290798	4.949	ng/u1	96
93) Benzo(a)pyrene	24.703	252	309572	5.564	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.627	276	301028	4.199	ng/u1	98

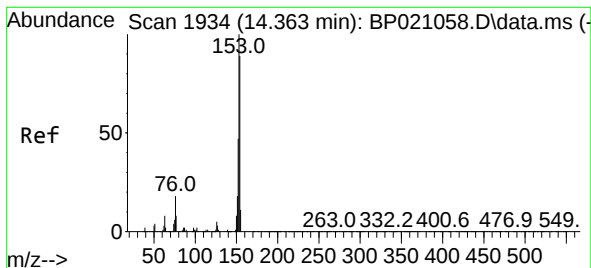
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071824\
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Quant Time: Jul 20 00:35:43 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 18 14:23:21 2024
Response via : Initial Calibration





#52

Acenaphthene

Concen: 1.137 ng/ul

RT: 14.374 min Scan# 1936

Delta R.T. -0.000 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

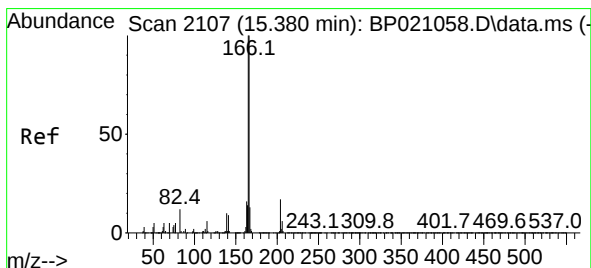
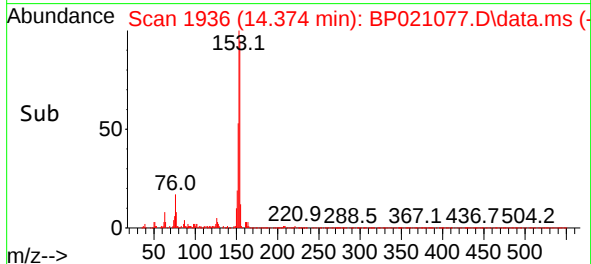
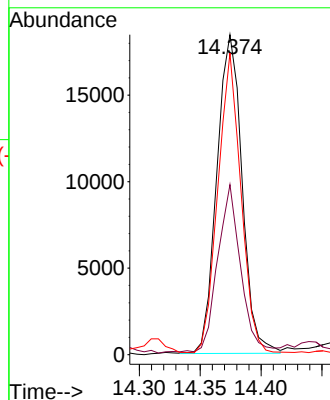
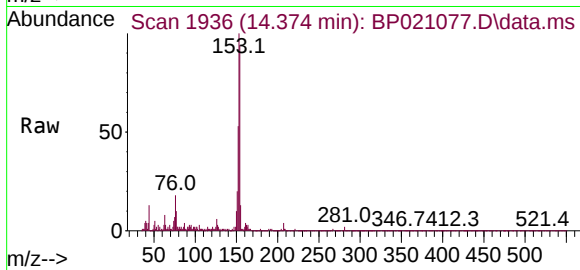
Tgt Ion:153 Resp: 26548

Ion Ratio Lower Upper

153 100

152 53.2 37.8 56.6

154 94.2 71.8 107.6



#61

Fluorene

Concen: 1.154 ng/ul

RT: 15.374 min Scan# 2106

Delta R.T. -0.006 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

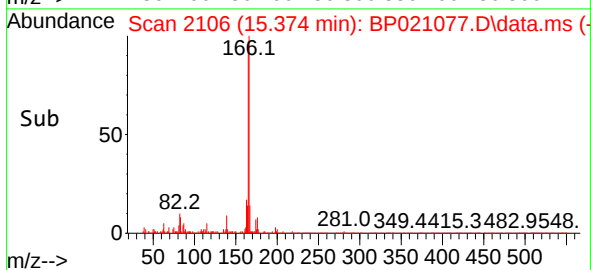
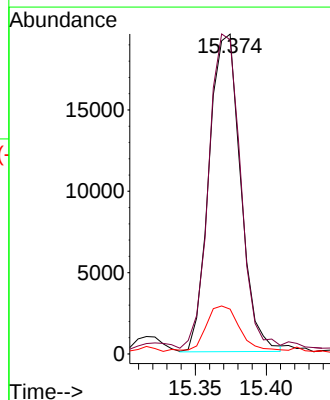
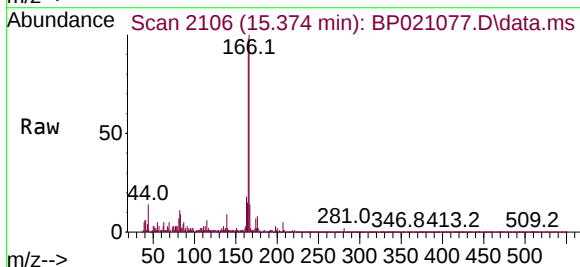
Tgt Ion:166 Resp: 30098

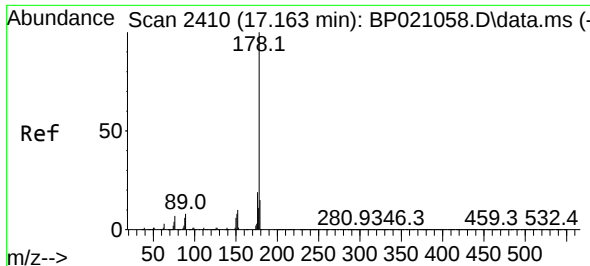
Ion Ratio Lower Upper

166 100

165 98.3 78.1 117.1

167 14.0 10.9 16.3

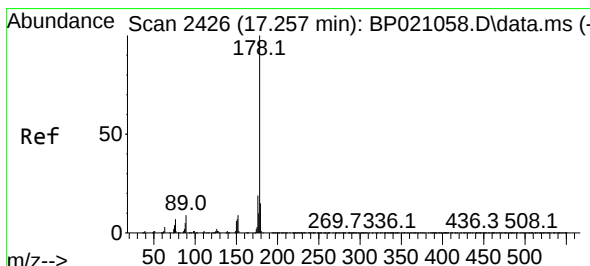
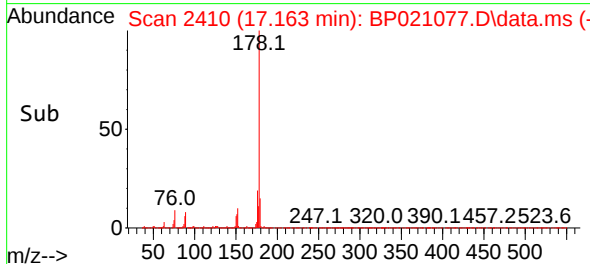
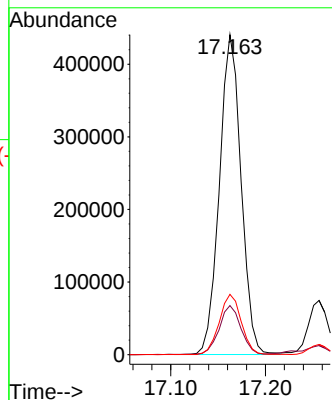
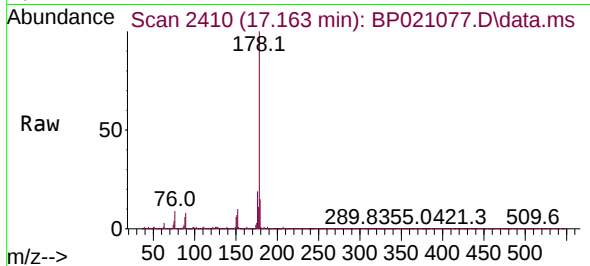




#72
Phenanthrene
Concen: 16.663 ng/ul
RT: 17.163 min Scan# 2410
Delta R.T. -0.006 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

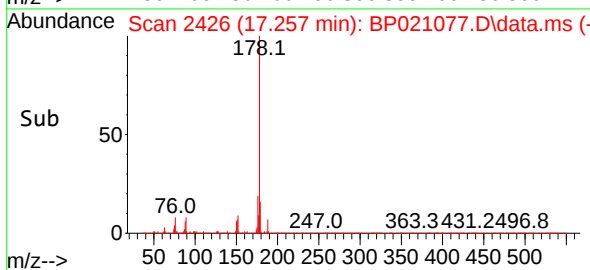
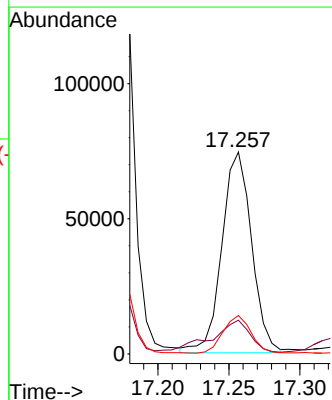
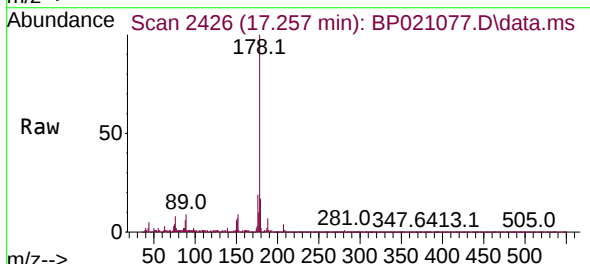
Instrument :
BNA_P
ClientSampleId :

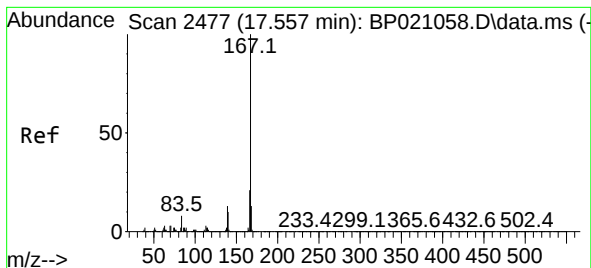
Tgt Ion:178 Resp: 701389
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.9 15.0 22.4



#74
Anthracene
Concen: 2.523 ng/ul
RT: 17.257 min Scan# 2426
Delta R.T. -0.006 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

Tgt Ion:178 Resp: 108255
Ion Ratio Lower Upper
178 100
179 16.7 12.5 18.7
176 19.0 14.8 22.2





#77

Carbazole

Concen: 1.723 ng/ul

RT: 17.551 min Scan# 2477

Delta R.T. -0.012 min

Lab File: BP021077.D

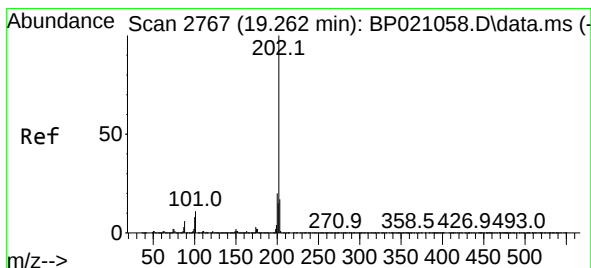
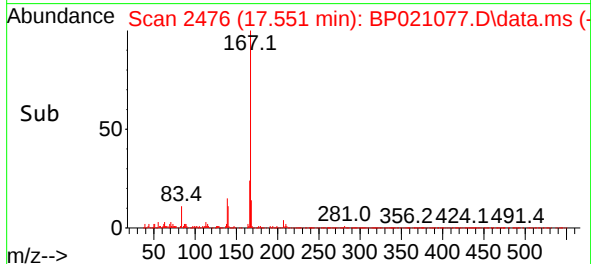
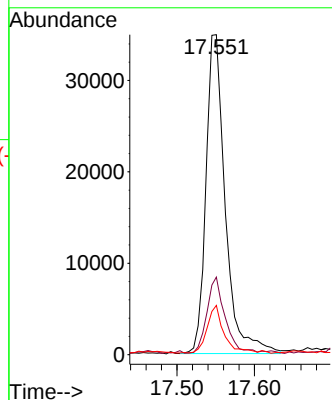
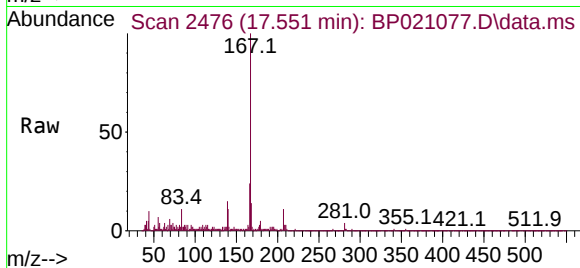
Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:167	Resp:	60440
Ion Ratio	Lower	Upper
167	100	
166	24.3	17.3 25.9
139	15.4	10.2 15.2#



#80

Fluoranthene

Concen: 21.972 ng/ul

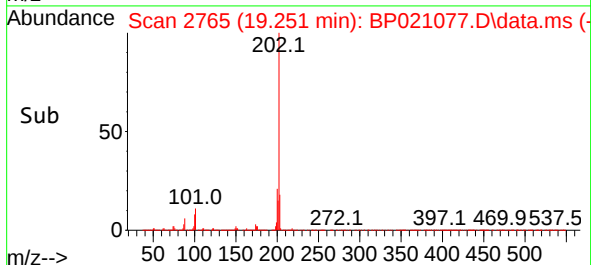
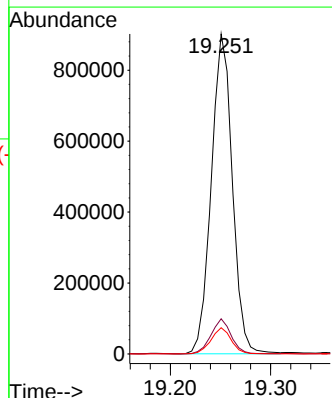
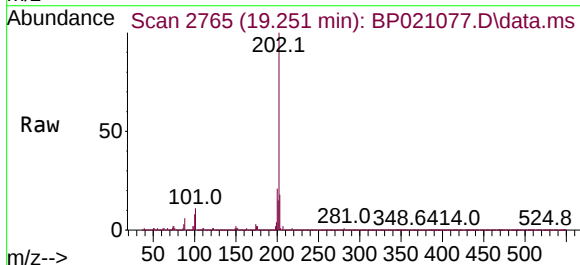
RT: 19.251 min Scan# 2765

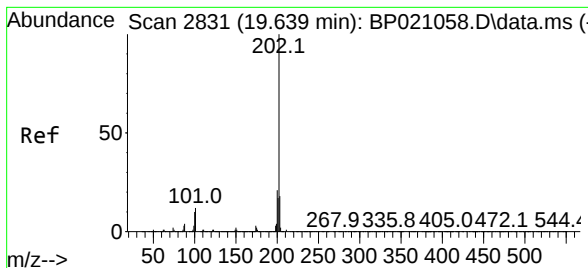
Delta R.T. -0.012 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Tgt Ion:202	Resp:	1317767
Ion Ratio	Lower	Upper
202	100	
101	11.0	8.0 12.0
100	8.2	6.1 9.1





#82

Pyrene

Concen: 16.069 ng/ul

RT: 19.627 min Scan# 21

Delta R.T. -0.018 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

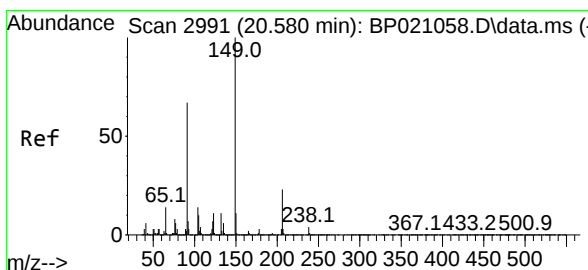
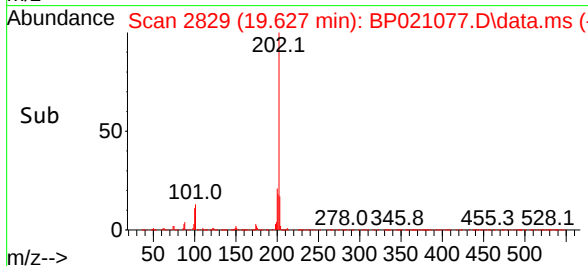
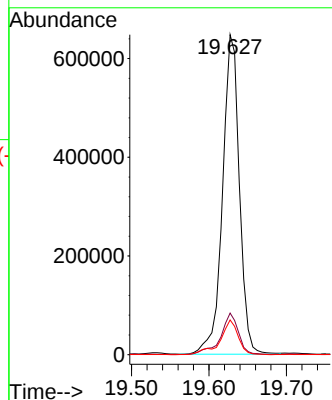
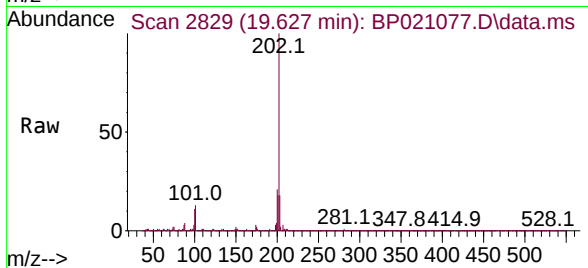
Tgt Ion:202 Resp: 980669

Ion Ratio Lower Upper

202 100

101 13.0 9.4 14.2

100 10.8 7.8 11.6



#83

Butylbenzylphthalate

Concen: 1.658 ng/ul

RT: 20.574 min Scan# 2990

Delta R.T. -0.012 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

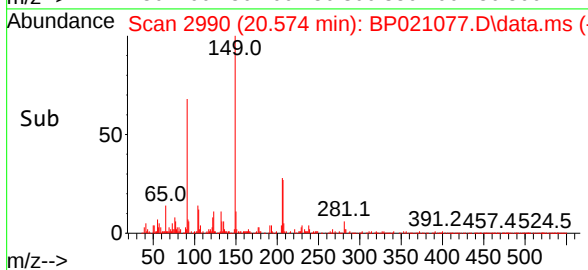
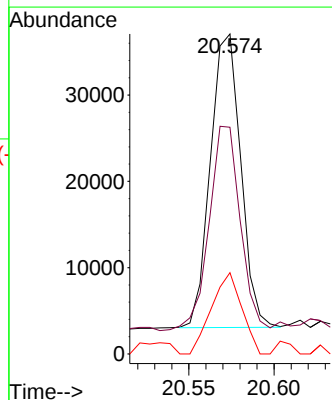
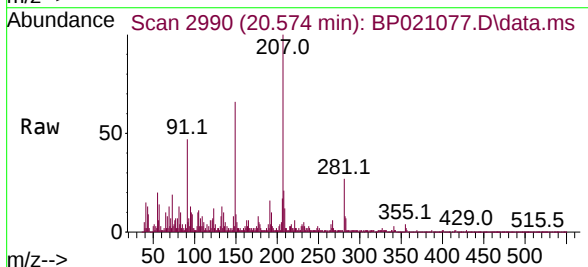
Tgt Ion:149 Resp: 42155

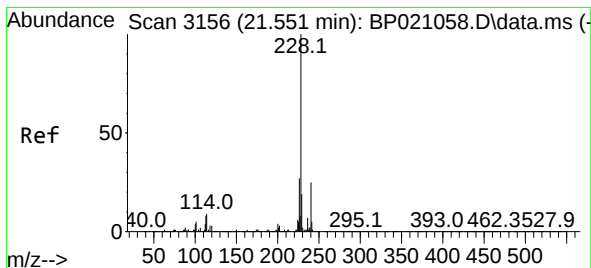
Ion Ratio Lower Upper

149 100

91 70.9 54.1 81.1

206 25.4 17.0 25.6





#85

Benzo(a)anthracene

Concen: 10.096 ng/ul

RT: 21.539 min Scan# 3154

Delta R.T. -0.024 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :

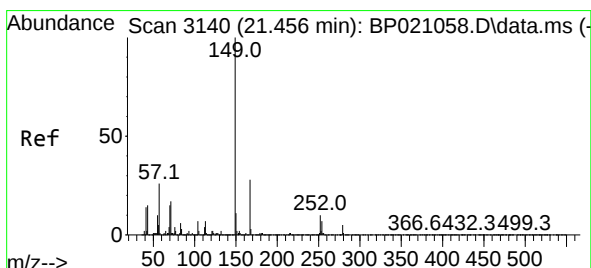
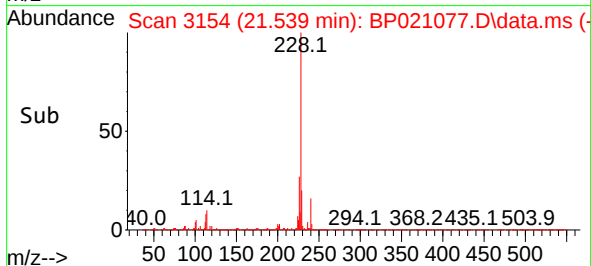
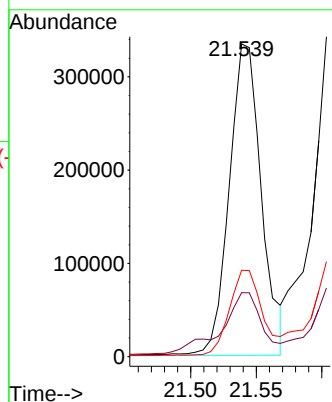
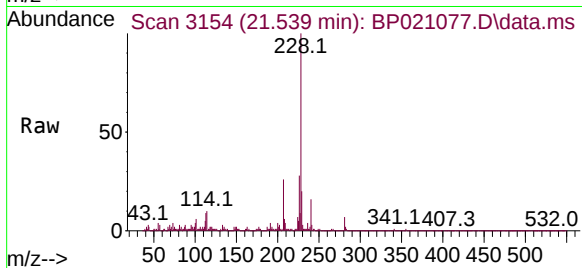
Tgt Ion:228 Resp: 568093

Ion Ratio Lower Upper

228 100

229 20.5 15.5 23.3

226 27.6 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.691 ng/ul

RT: 21.456 min Scan# 3140

Delta R.T. -0.012 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

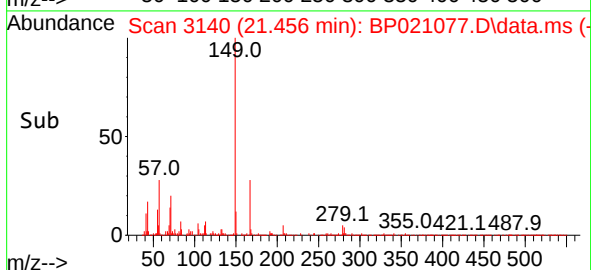
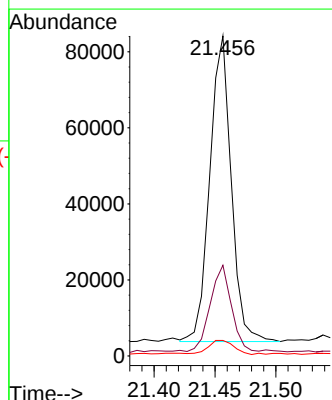
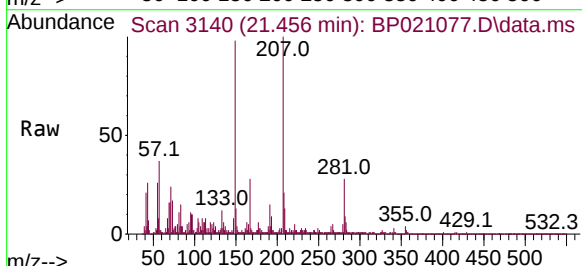
Tgt Ion:149 Resp: 98470

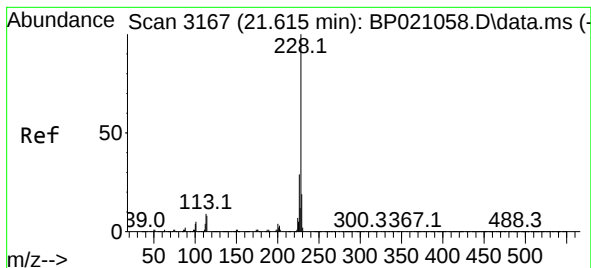
Ion Ratio Lower Upper

149 100

167 28.3 22.1 33.1

279 4.8 3.7 5.5





#87

Chrysene

Concen: 12.167 ng/ul

RT: 21.609 min Scan# 3166

Delta R.T. -0.018 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

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BNA_P

ClientSampleId :

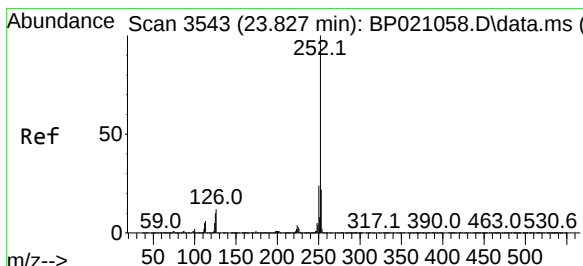
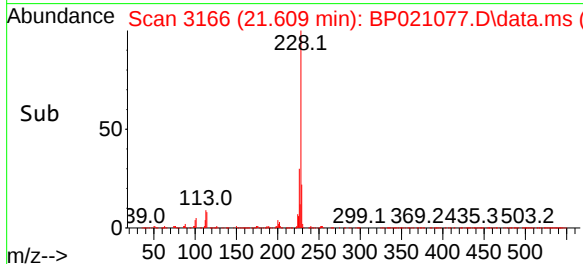
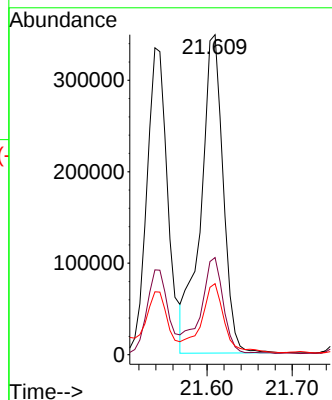
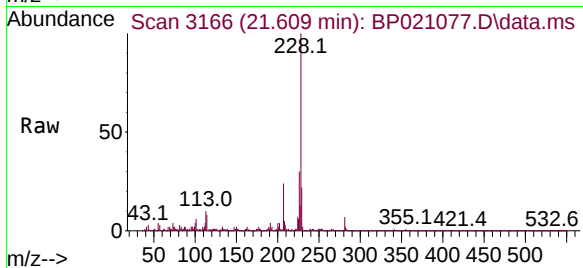
Tgt Ion:228 Resp: 636176

Ion Ratio Lower Upper

228 100

226 30.4 23.6 35.4

229 22.2 15.5 23.3



#90

Benzo(b)fluoranthene

Concen: 13.796 ng/ul

RT: 23.821 min Scan# 3542

Delta R.T. -0.030 min

Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

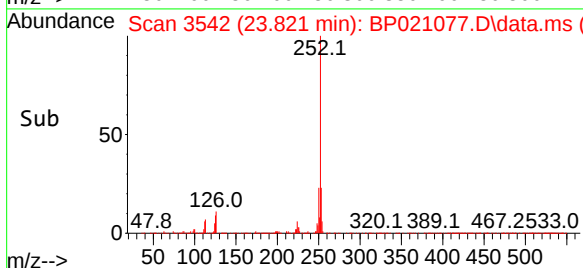
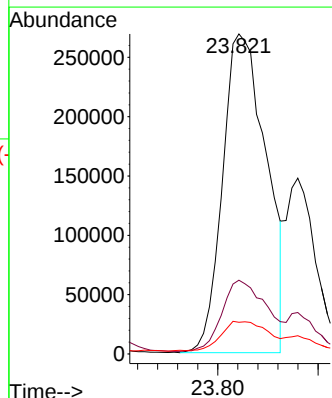
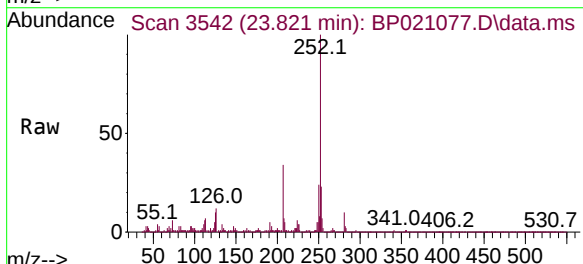
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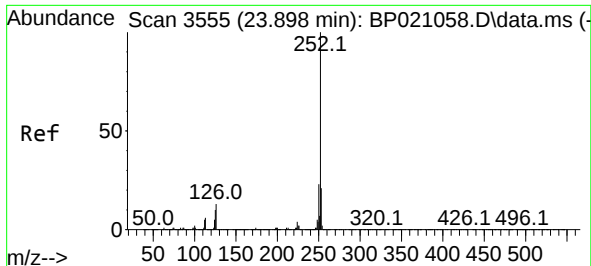
Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

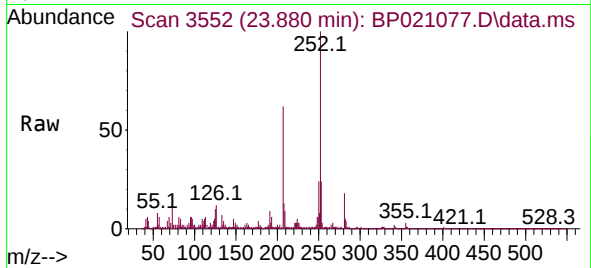
125 9.9 7.0 10.4



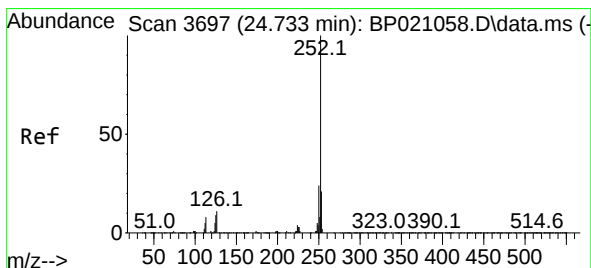
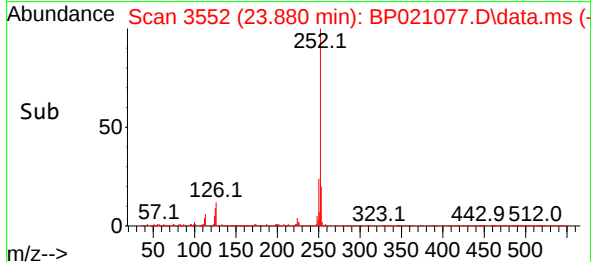
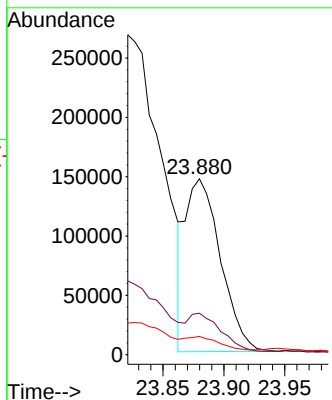


#91
Benzo(k)fluoranthene
Concen: 4.949 ng/ul
RT: 23.880 min Scan# 3555
Delta R.T. -0.041 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

Instrument :
BNA_P
ClientSampleId :

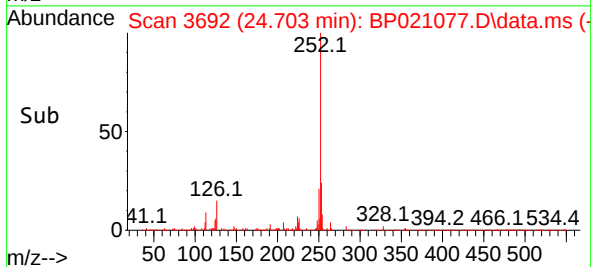
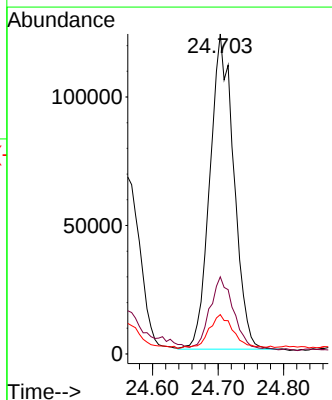
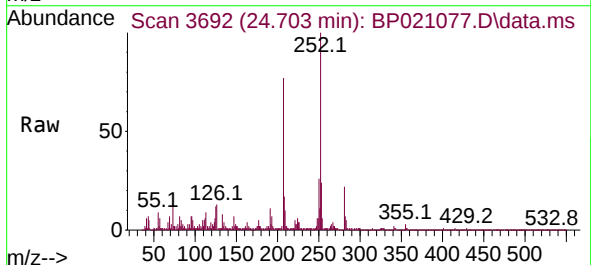


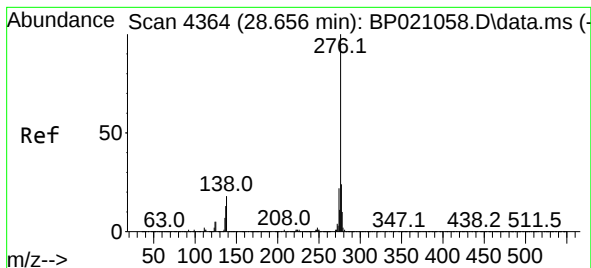
Tgt Ion:252 Resp: 290798
Ion Ratio Lower Upper
252 100
253 23.6 17.4 26.2
125 10.4 7.4 11.0



#93
Benzo(a)pyrene
Concen: 5.564 ng/ul
RT: 24.703 min Scan# 3692
Delta R.T. -0.059 min
Lab File: BP021077.D
Acq: 19 Jul 2024 14:16

Tgt Ion:252 Resp: 309572
Ion Ratio Lower Upper
252 100
253 24.1 17.4 26.0
125 12.3 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 4.199 ng/ul

RT: 28.627 min Scan# 41

Delta R.T. -0.077 min

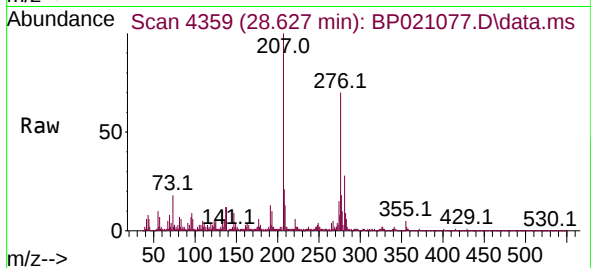
Lab File: BP021077.D

Acq: 19 Jul 2024 14:16

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 301028

Ion Ratio Lower Upper

276 100

138 17.8 14.3 21.5

277 25.4 19.2 28.8

