

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021153.D
 Acq On : 25 Jul 2024 18:49
 Operator : MA/JU
 Sample : P3263-17 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CK5

Quant Time: Jul 25 22:40:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 25 00:15:24 2024
 Response via : Initial Calibration

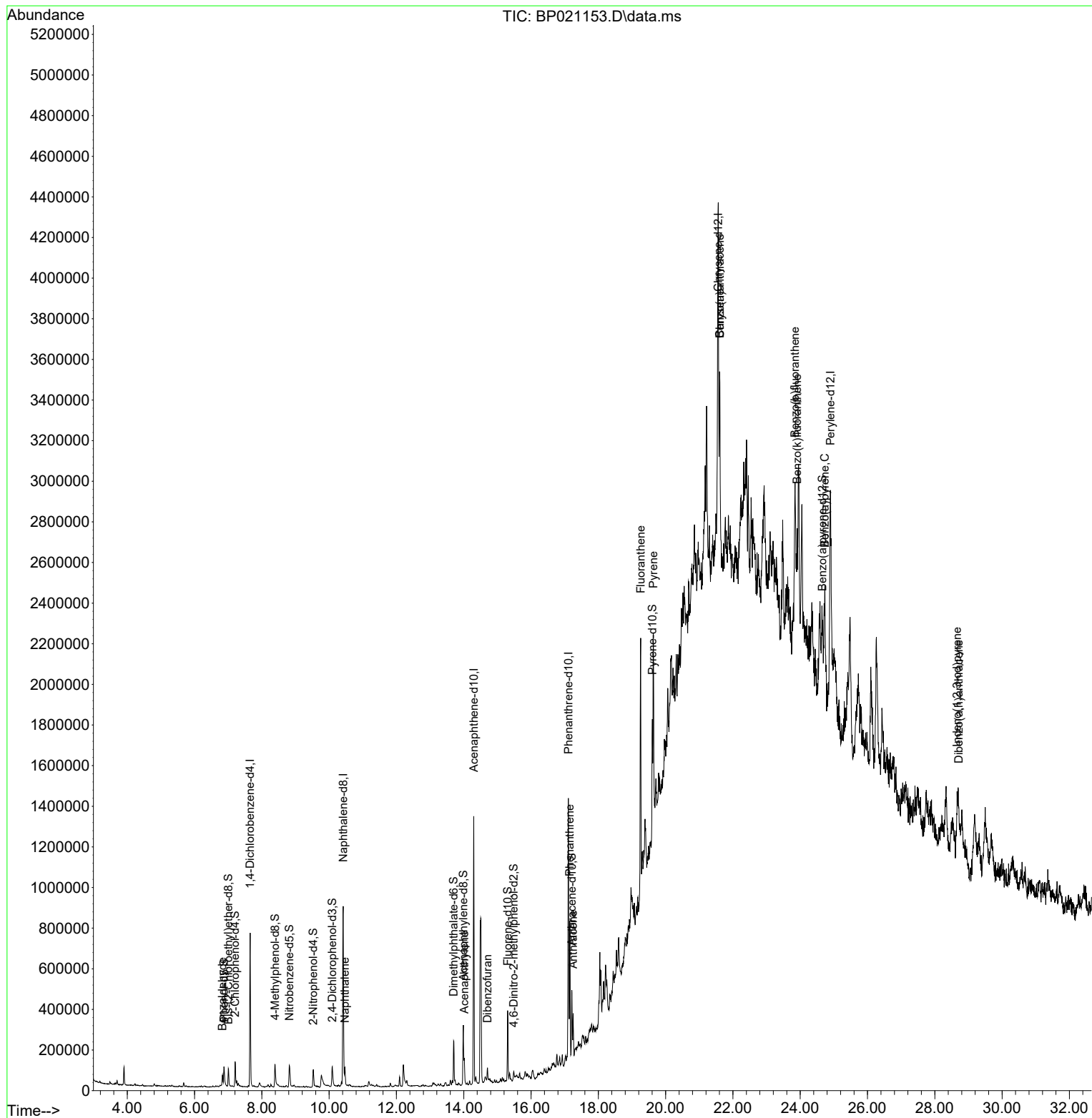
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.652	152	207042	20.000	ng/ul	0.00
20) Naphthalene-d8	10.416	136	787193	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.299	164	451852	20.000	ng/ul	0.01
64) Phenanthrene-d10	17.110	188	803571	20.000	ng/ul	0.00
79) Chrysene-d12	21.563	240	798767	20.000	ng/ul	0.00
88) Perylene-d12	24.898	264	1060990	20.000	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	3731	0.820	ng/uL	0.00
4) Pyridine-d5	3.611	84	99	0.008	ng/ul	0.01
7) Phenol-d5	6.875	99	72580	4.300	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	43945	4.296	ng/ul	0.01
11) 2-Chlorophenol-d4	7.205	132	62260	4.477	ng/ul	0.00
15) 4-Methylphenol-d8	8.393	113	56297	4.016	ng/ul	0.01
21) Nitrobenzene-d5	8.816	128	27149	4.440	ng/ul	0.01
24) 2-Nitrophenol-d4	9.528	143	30928	4.419	ng/ul	0.01
28) 2,4-Dichlorophenol-d3	10.093	165	53406	4.220	ng/ul	0.02
31) 4-Chloroaniline-d4	10.528	131	132	0.008	ng/ul	-0.04
46) Dimethylphthalate-d6	13.699	166	165916	5.051	ng/ul	0.00
49) Acenaphthylene-d8	13.987	160	184642	5.006	ng/ul	0.00
54) 4-Nitrophenol-d4	14.587	143	121	0.026	ng/ul	-0.01
60) Fluorene-d10	15.304	176	137596	5.106	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.487	200	10705	2.202	ng/ul	0.02
73) Anthracene-d10	17.210	188	187760	5.261	ng/ul	0.00
81) Pyrene-d10	19.604	212	188881	3.825	ng/ul	0.02
92) Benzo(a)pyrene-d12	24.657	264	186800	3.570	ng/ul	0.00
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.828	77	25452	2.991	ng/ul	97
30) Naphthalene	10.469	128	76524	1.848	ng/ul	97
50) Acenaphthylene	14.016	152	95028	2.276	ng/ul	98
56) Dibenzofuran	14.704	168	39947	1.052	ng/ul	98
72) Phenanthrene	17.151	178	430886	10.336	ng/ul	100
74) Anthracene	17.251	178	151781	3.572	ng/ul	99
80) Fluoranthene	19.257	202	796236	13.351	ng/ul	100
82) Pyrene	19.634	202	676187	11.142	ng/ul	99
85) Benzo(a)anthracene	21.610	228	597992	10.687	ng/ul	92
87) Chrysene	21.610	228	597028	11.483	ng/ul	95
90) Benzo(b)fluoranthene	23.845	252	907665	14.097	ng/ul#	92
91) Benzo(k)fluoranthene	23.910	252	292199	4.547	ng/ul#	86
93) Benzo(a)pyrene	24.727	252	353640	5.812	ng/ul#	90
94) Indeno(1,2,3-cd)pyrene	28.662	276	187297	2.389	ng/ul	97
95) Dibenzo(a,h)anthracene	28.715	278	94329	1.453	ng/ul#	83

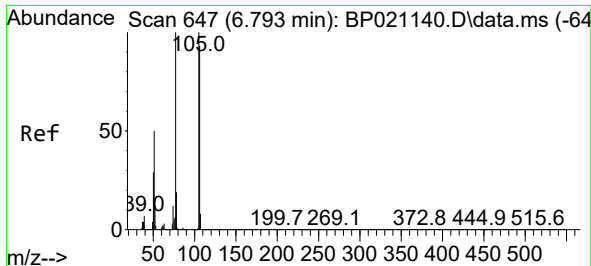
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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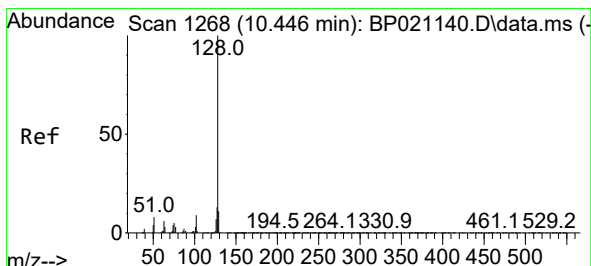
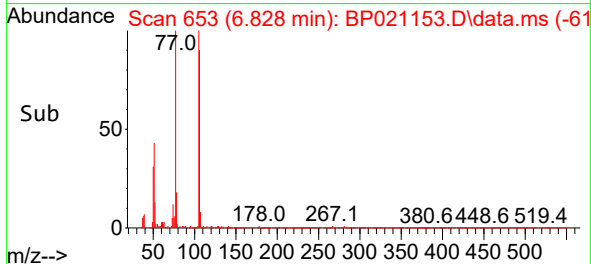
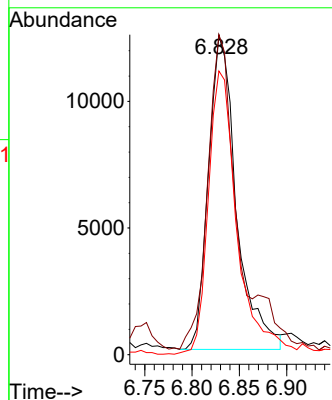
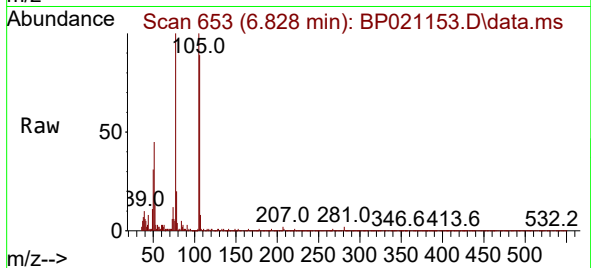




#6
Benzaldehyde
Concen: 2.991 ng/ul
RT: 6.828 min Scan# 61
Delta R.T. 0.012 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

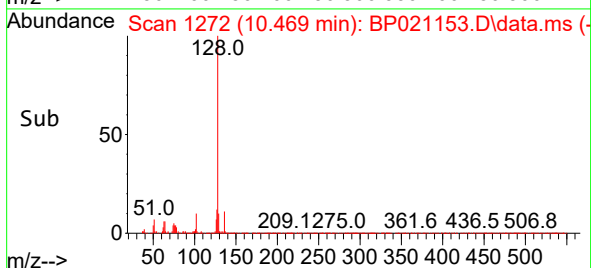
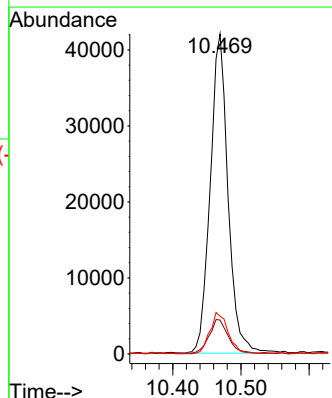
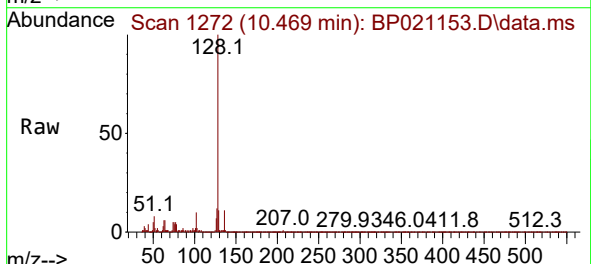
Instrument :
BNA_P
ClientSampleId :
A4CK5

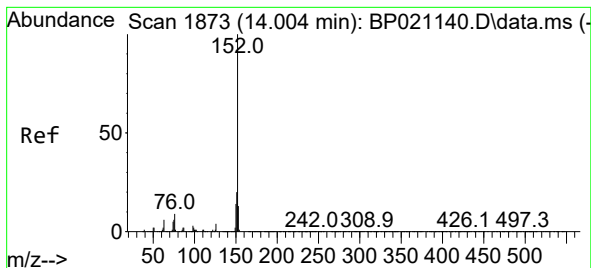
Tgt Ion: 77 Resp: 25452
Ion Ratio Lower Upper
77 100
105 100.2 79.3 118.9
106 88.8 74.6 112.0



#30
Naphthalene
Concen: 1.848 ng/ul
RT: 10.469 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Tgt Ion: 128 Resp: 76524
Ion Ratio Lower Upper
128 100
129 10.6 8.6 13.0
127 11.8 10.8 16.2





#50

Acenaphthylene

Concen: 2.276 ng/ul

RT: 14.016 min Scan# 1875

Delta R.T. 0.000 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5

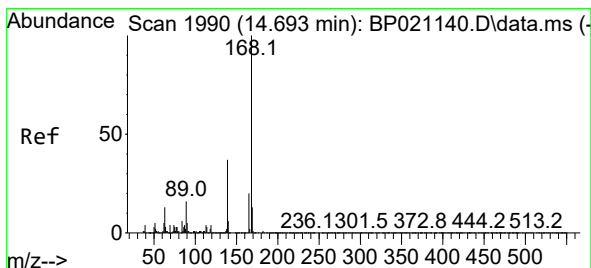
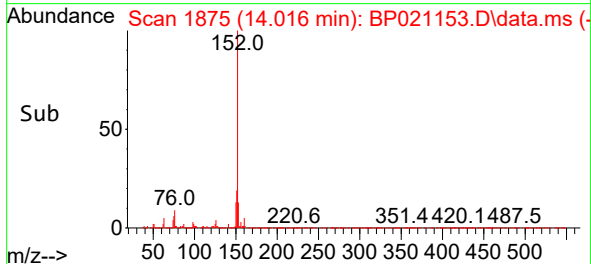
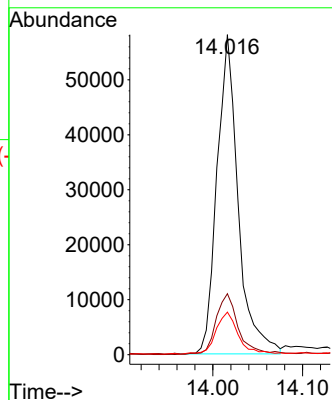
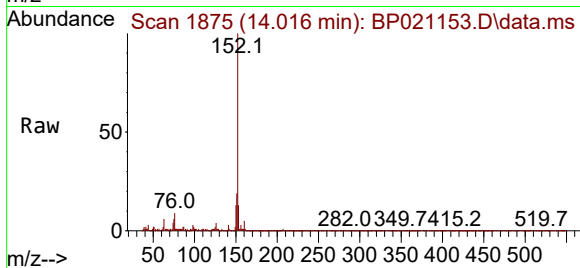
Tgt Ion:152 Resp: 95028

Ion Ratio Lower Upper

152 100

151 19.1 16.2 24.2

153 13.3 10.3 15.5



#56

Dibenzofuran

Concen: 1.052 ng/ul

RT: 14.704 min Scan# 1992

Delta R.T. 0.006 min

Lab File: BP021153.D

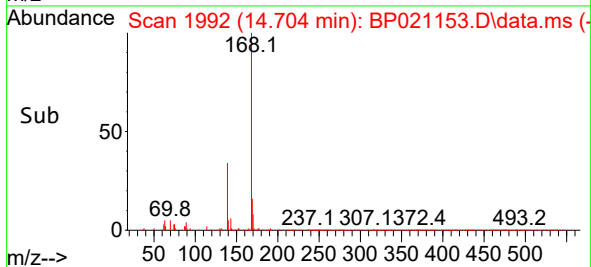
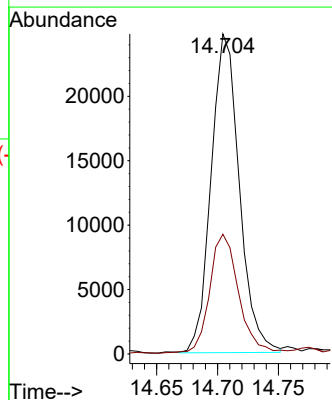
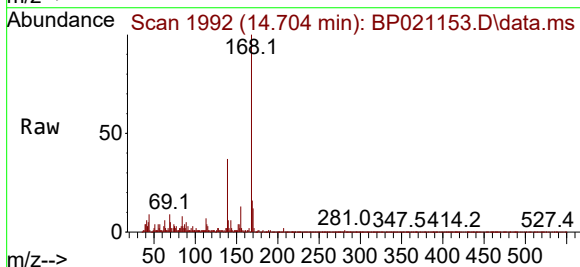
Acq: 25 Jul 2024 18:49

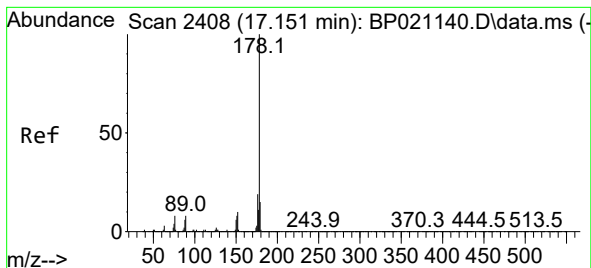
Tgt Ion:168 Resp: 39947

Ion Ratio Lower Upper

168 100

139 37.4 31.1 46.7





#72

Phenanthrene

Concen: 10.336 ng/ul

RT: 17.151 min Scan# 2408

Delta R.T. 0.006 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5

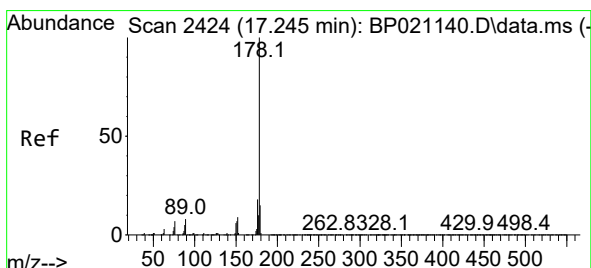
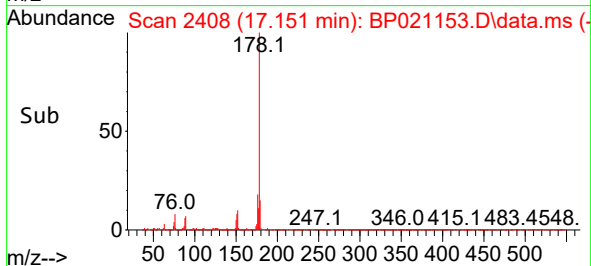
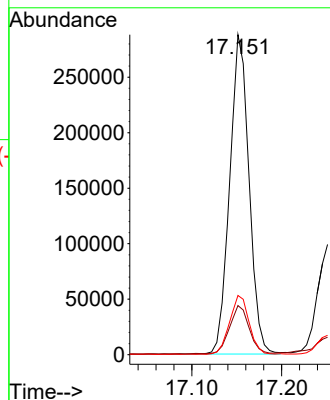
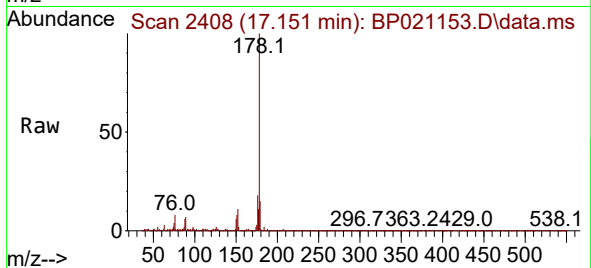
Tgt Ion:178 Resp: 430886

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.5 15.0 22.4



#74

Anthracene

Concen: 3.572 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. 0.012 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

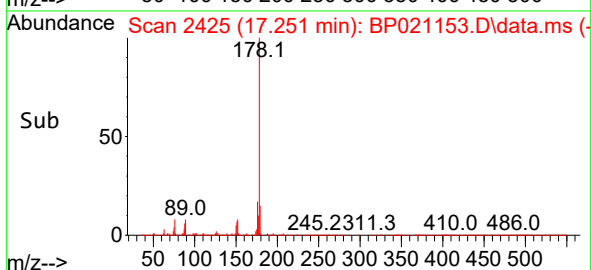
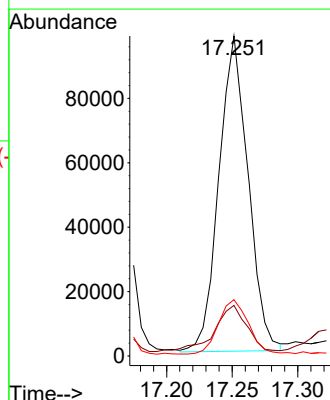
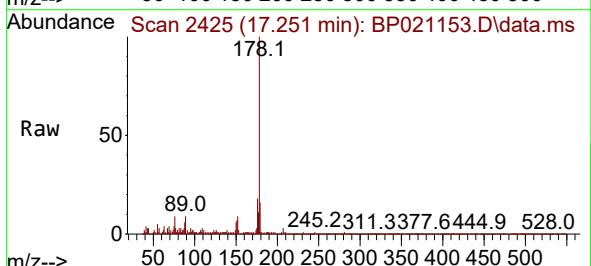
Tgt Ion:178 Resp: 151781

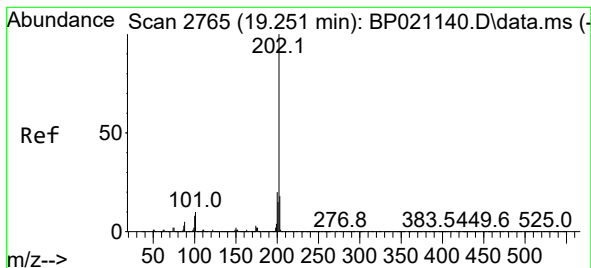
Ion Ratio Lower Upper

178 100

179 15.8 12.5 18.7

176 17.6 14.8 22.2





#80

Fluoranthene

Concen: 13.351 ng/ul

RT: 19.257 min Scan# 21

Delta R.T. 0.012 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5

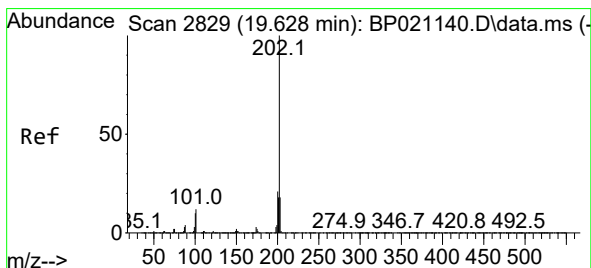
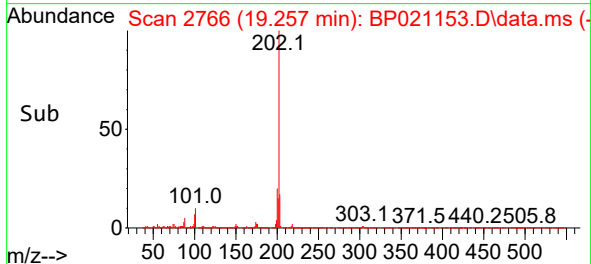
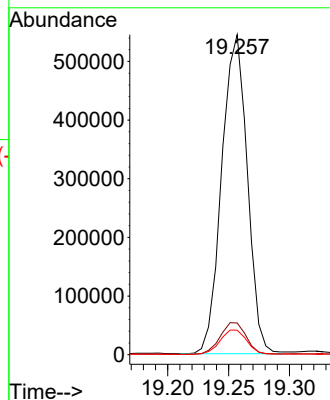
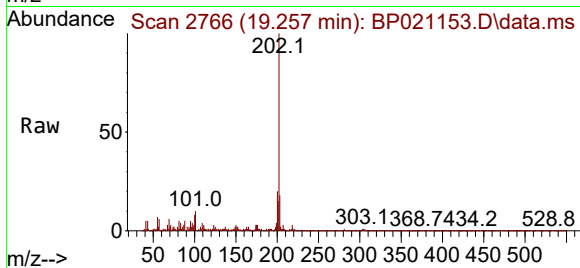
Tgt Ion:202 Resp: 796236

Ion Ratio Lower Upper

202 100

101 9.9 8.0 12.0

100 7.7 6.1 9.1



#82

Pyrene

Concen: 11.142 ng/ul

RT: 19.634 min Scan# 2830

Delta R.T. 0.018 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

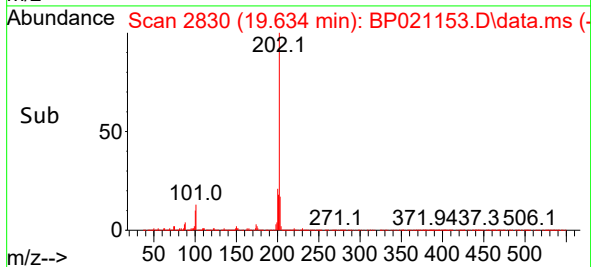
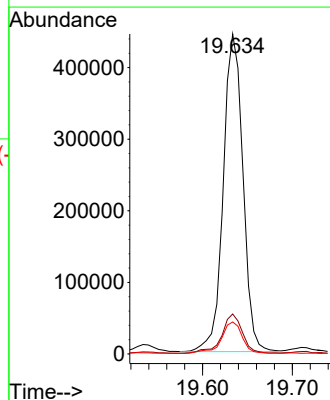
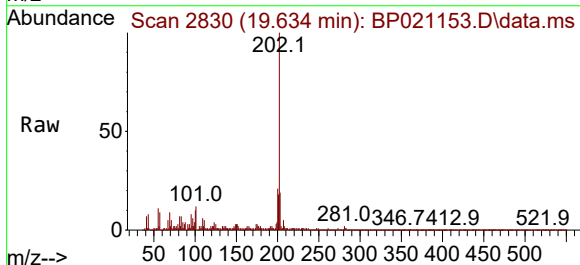
Tgt Ion:202 Resp: 676187

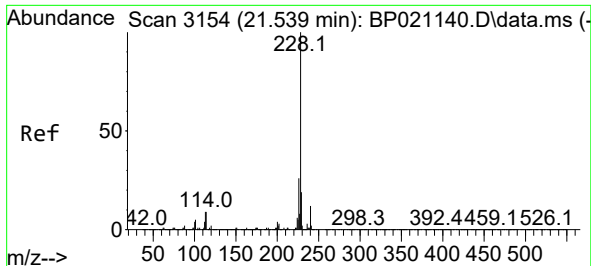
Ion Ratio Lower Upper

202 100

101 12.5 9.4 14.2

100 10.0 7.8 11.6

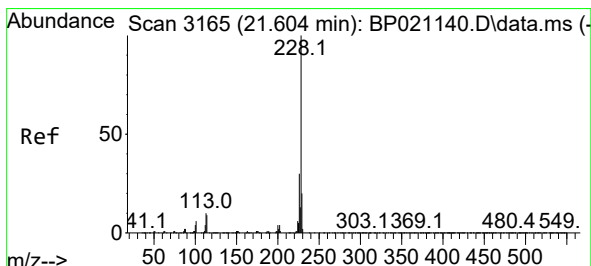
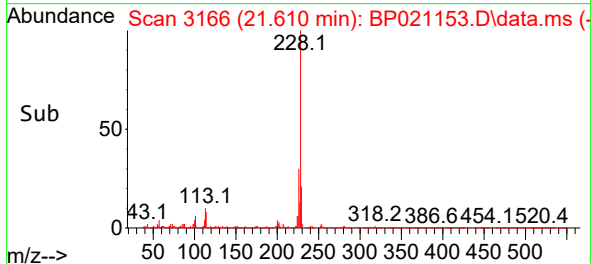
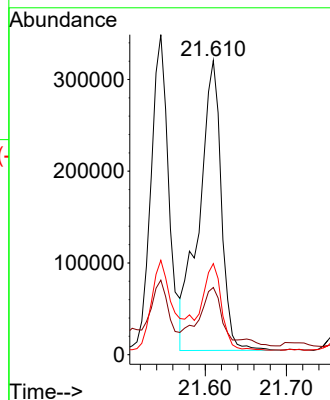
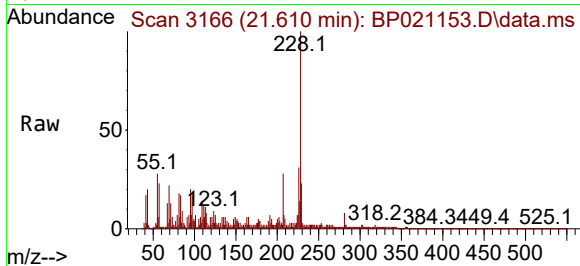




#85
Benzo(a)anthracene
Concen: 10.687 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.076 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

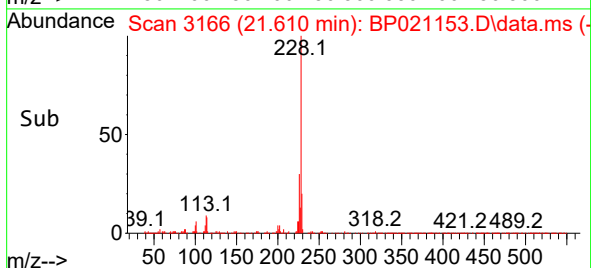
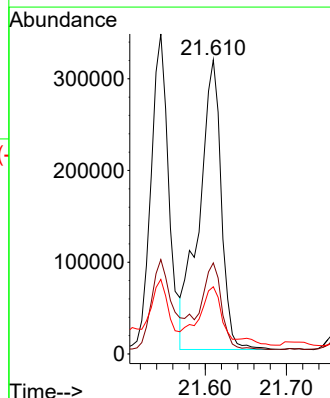
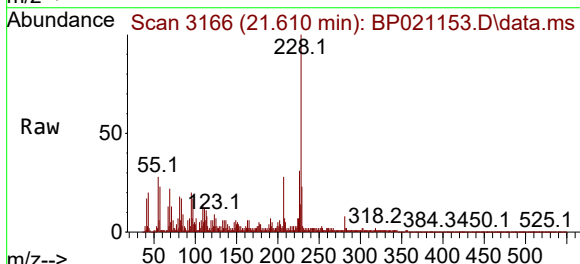
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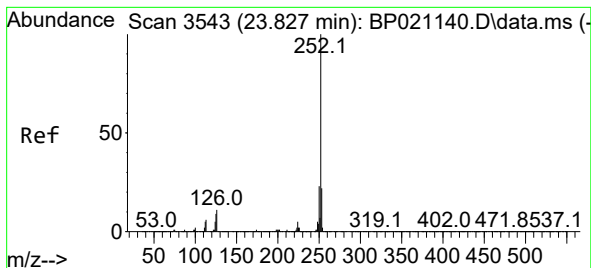
Tgt Ion:228 Resp: 597992
Ion Ratio Lower Upper
228 100
229 22.9 15.5 23.3
226 31.0 21.4 32.2



#87
Chrysene
Concen: 11.483 ng/ul
RT: 21.610 min Scan# 3166
Delta R.T. 0.006 min
Lab File: BP021153.D
Acq: 25 Jul 2024 18:49

Tgt Ion:228 Resp: 597028
Ion Ratio Lower Upper
228 100
226 31.0 23.6 35.4
229 22.9 15.5 23.3





#90

Benzo(b)fluoranthene

Concen: 14.097 ng/ul

RT: 23.845 min Scan# 31

Delta R.T. 0.024 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5

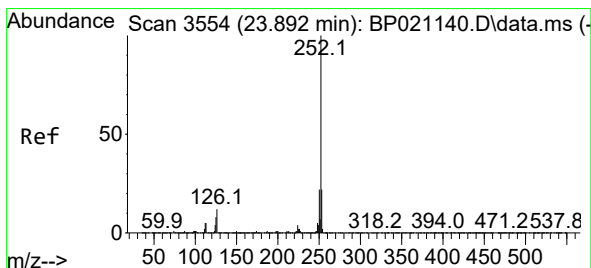
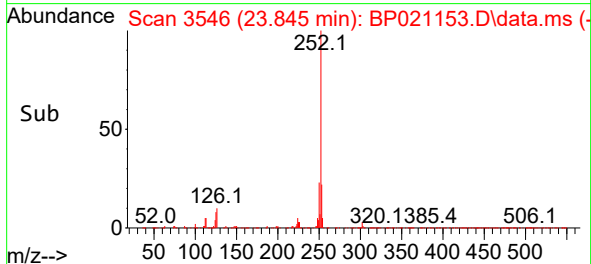
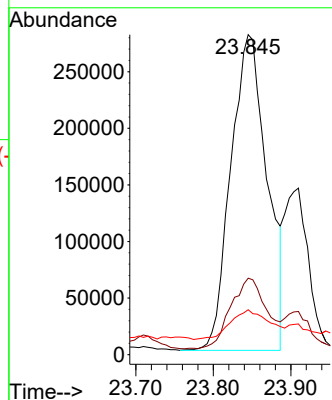
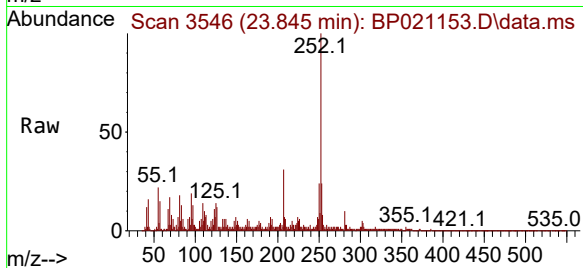
Tgt Ion:252 Resp: 907665

Ion Ratio Lower Upper

252 100

253 23.9 17.1 25.7

125 14.1 7.0 10.4#



#91

Benzo(k)fluoranthene

Concen: 4.547 ng/ul

RT: 23.910 min Scan# 3557

Delta R.T. 0.024 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

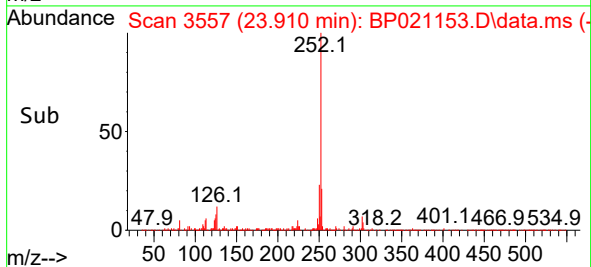
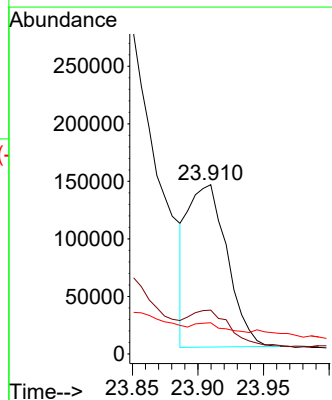
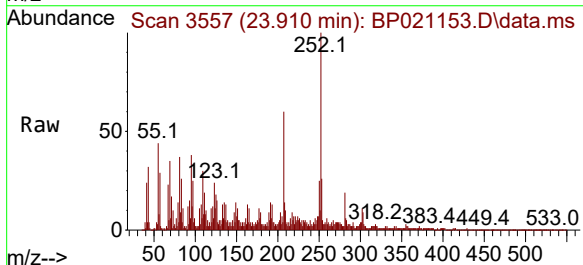
Tgt Ion:252 Resp: 292199

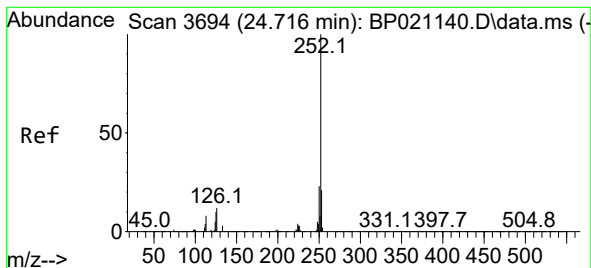
Ion Ratio Lower Upper

252 100

253 25.9 17.4 26.2

125 18.5 7.4 11.0#





#93

Benzo(a)pyrene

Concen: 5.812 ng/ul

RT: 24.727 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP021153.D

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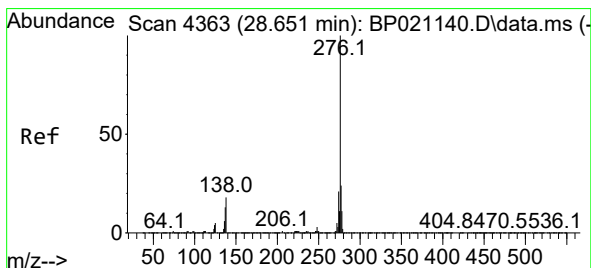
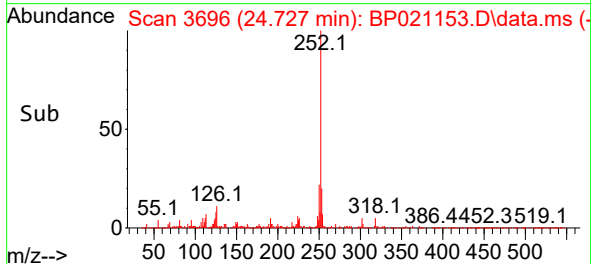
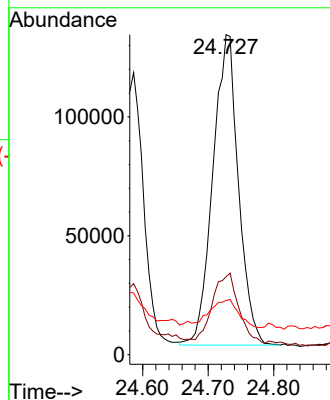
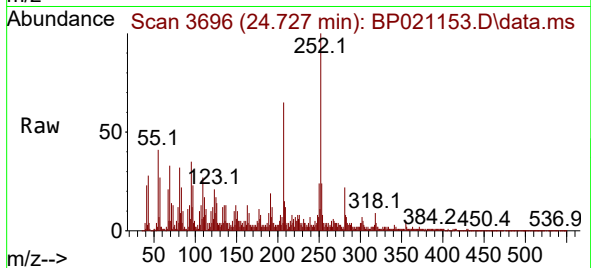
Tgt Ion:252 Resp: 353640

Ion Ratio Lower Upper

252 100

253 24.3 17.4 26.0

125 16.9 7.7 11.5#



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.389 ng/ul

RT: 28.662 min Scan# 4365

Delta R.T. 0.024 min

Lab File: BP021153.D

Acq: 25 Jul 2024 18:49

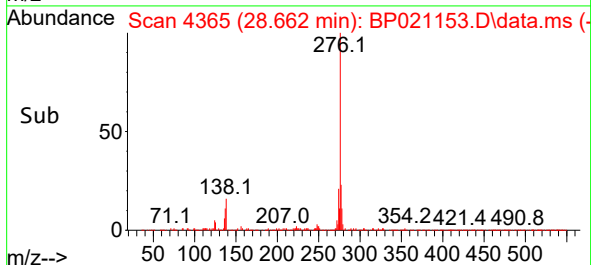
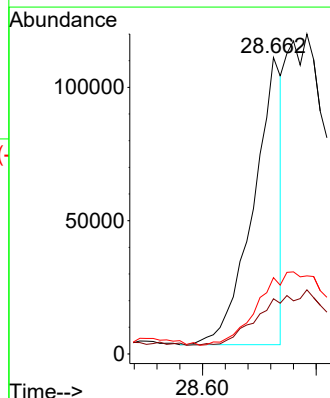
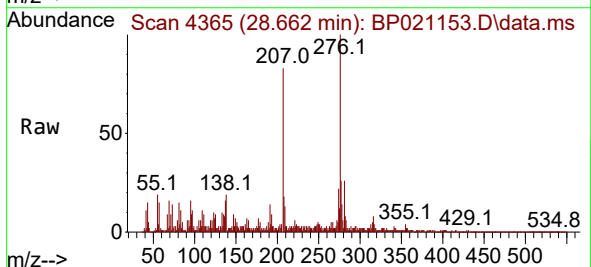
Tgt Ion:276 Resp: 187297

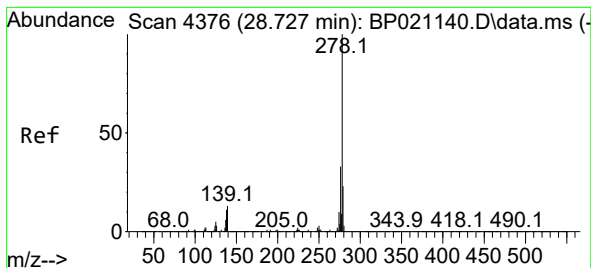
Ion Ratio Lower Upper

276 100

138 18.6 14.3 21.5

277 25.7 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 1.453 ng/ul

RT: 28.715 min Scan# 41

Delta R.T. 0.024 min

Lab File: BP021153.D

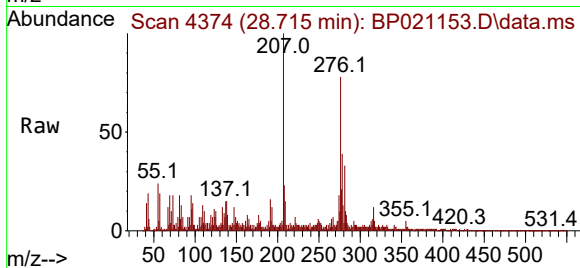
Acq: 25 Jul 2024 18:49

Instrument :

BNA_P

ClientSampleId :

A4CK5



Tgt Ion:278 Resp: 94329

Ion Ratio Lower Upper

278 100

139 19.8 10.9 16.3#

279 32.8 19.4 29.0#

