

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020672.D
 Acq On : 27 Jun 2024 23:06
 Operator : MA/JU
 Sample : P2909-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B76

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/28/2024
 Supervised By :mohammad ahmed 06/29/2024

Quant Time: Jun 28 00:00:58 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 25 18:30:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.746	152	248077	20.000	ng/u1	0.00
20) Naphthalene-d8	10.516	136	884531	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.375	164	459469	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.186	188	891575	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	949011	20.000	ng/u1	0.00
88) Perylene-d12	25.027	264	1188678	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	20909	3.619	ng/uL	0.00
4) Pyridine-d5	3.699	84	55958	3.324	ng/u1	0.01
7) Phenol-d5	6.928	99	388576	19.098	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	246667	19.123	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	337191	20.277	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	243068	14.709	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	153941	23.573	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	168270	25.748	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.140	165	278277	20.672	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	82594	4.378	ng/u1	0.00
46) Dimethylphthalate-d6	13.781	166	779715	24.407	ng/u1	0.00
49) Acenaphthylene-d8	14.069	160	816763	21.426	ng/u1	0.00
54) 4-Nitrophenol-d4	14.592	143	106315	21.781	ng/u1	0.00
60) Fluorene-d10	15.381	176	641460	23.862	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	88290	19.650	ng/u1	0.00
73) Anthracene-d10	17.286	188	986143	24.645	ng/u1	0.00
81) Pyrene-d10	19.675	212	1098122	19.261	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.780	264	922770	15.959	ng/u1	0.02
Target Compounds						
					Qvalue	
50) Acenaphthylene	14.098	152	78007	1.812	ng/u1	99
72) Phenanthrene	17.228	178	192651	4.126	ng/u1	98
74) Anthracene	17.322	178	70628	1.471	ng/u1	98
80) Fluoranthene	19.327	202	432198	6.206	ng/u1	98
82) Pyrene	19.704	202	393268	5.506	ng/u1	99
85) Benzo(a)anthracene	21.627	228	227649	3.422	ng/u1#	85
87) Chrysene	21.698	228	270672	4.305	ng/u1#	90
90) Benzo(b)fluoranthene	23.945	252	424477	5.895	ng/u1#	79
91) Benzo(k)fluoranthene	24.015	252	151367m	2.078	ng/u1	
93) Benzo(a)pyrene	24.851	252	195883	2.882	ng/u1#	82
94) Indeno(1,2,3-cd)pyrene	28.862	276	208183m	2.388	ng/u1	

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

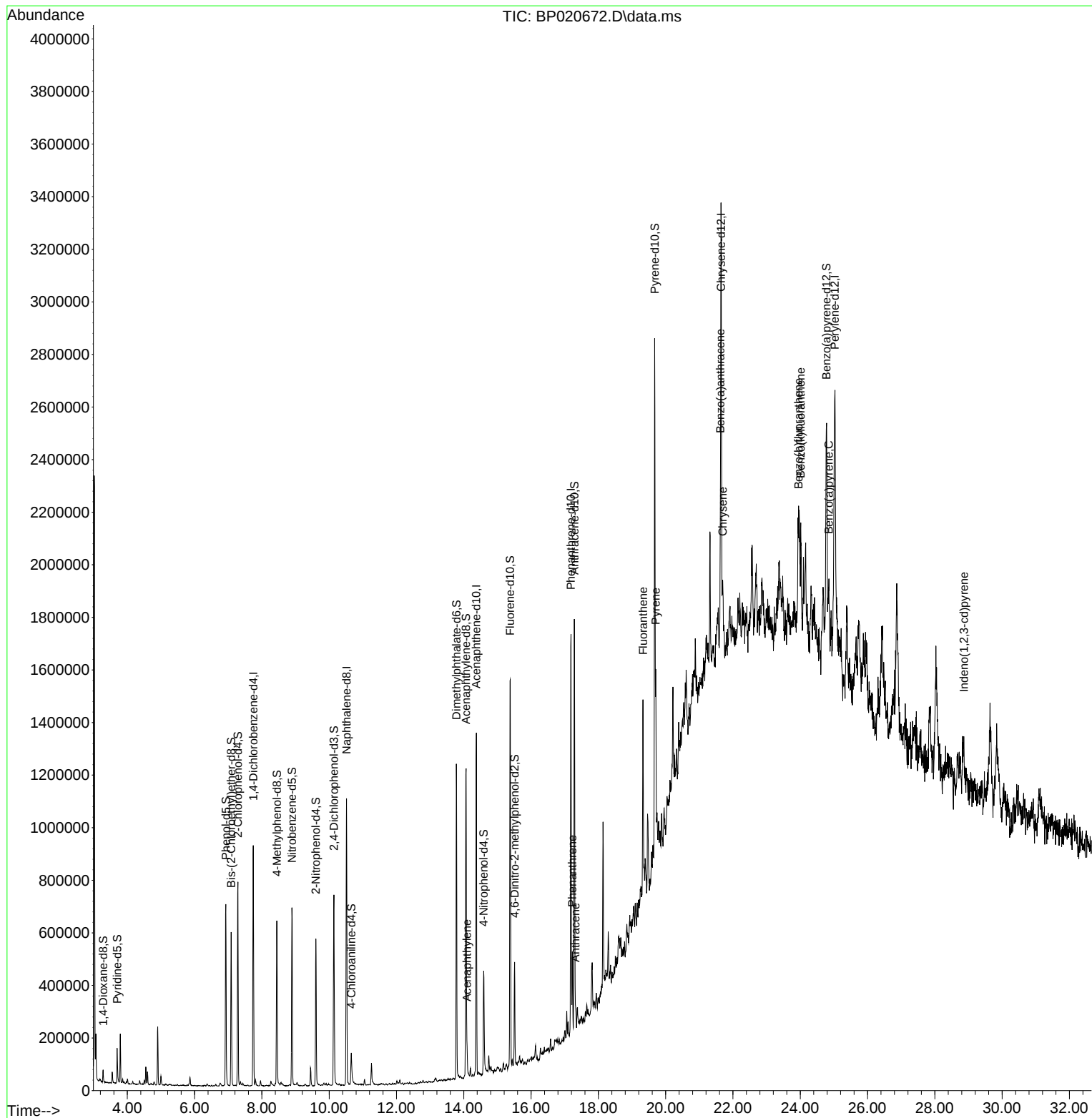
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
Data File : BP020672.D
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ALS Vial : 29 Sample Multiplier: 1

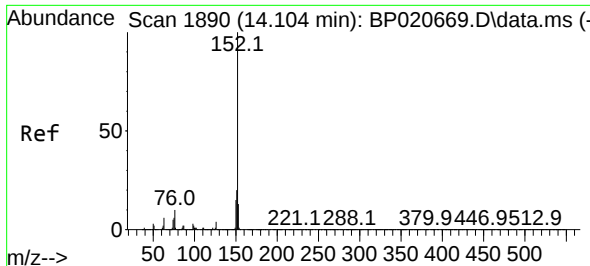
Instrument :
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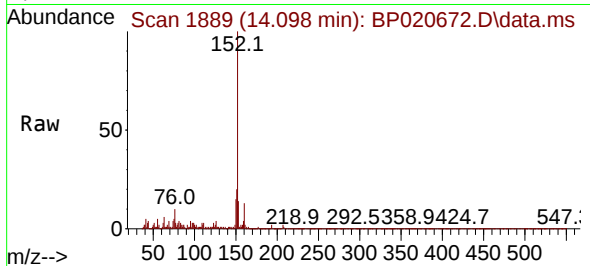
Quant Time: Jun 28 00:00:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 25 18:30:06 2024
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#50
Acenaphthylene
Concen: 1.812 ng/ul
RT: 14.098 min Scan# 1889
Delta R.T. 0.006 min
Lab File: BP020672.D
Acq: 27 Jun 2024 23:06

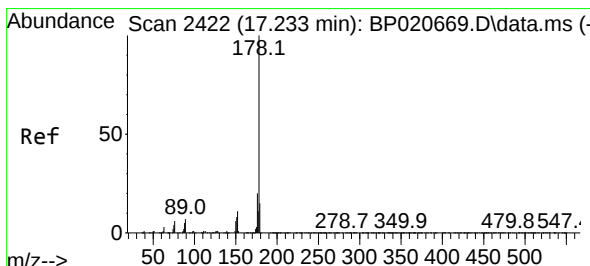
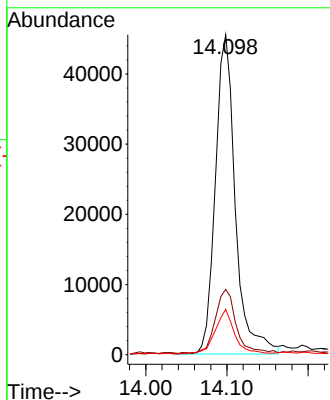
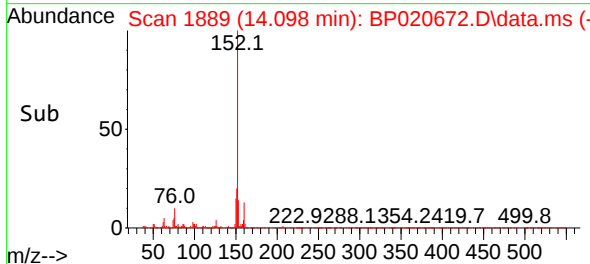
Instrument :
BNA_P
ClientSampleId :
A4B76



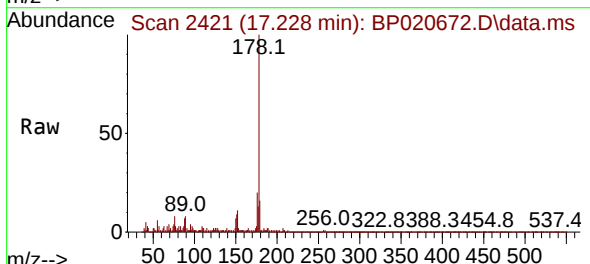
Tgt Ion:152 Resp: 7800
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 14.2 10.8 16.2

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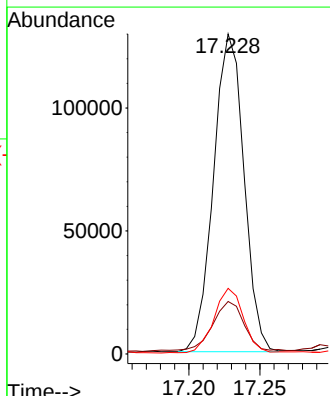
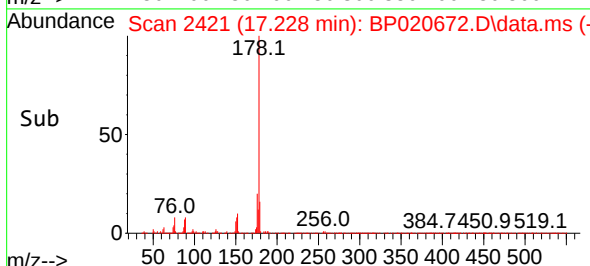
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024

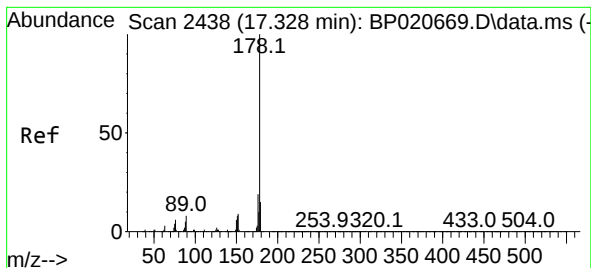


#72
Phenanthrene
Concen: 4.126 ng/ul
RT: 17.228 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BP020672.D
Acq: 27 Jun 2024 23:06



Tgt Ion:178 Resp: 192651
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 20.5 15.4 23.2





#74

Anthracene

Concen: 1.471 ng/ul

RT: 17.322 min Scan# 2438

Delta R.T. 0.006 min

Lab File: BP020672.D

Acq: 27 Jun 2024 23:06

Instrument :

BNA_P

ClientSampleId :

A4B76

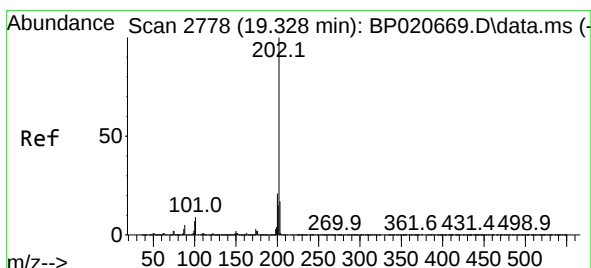
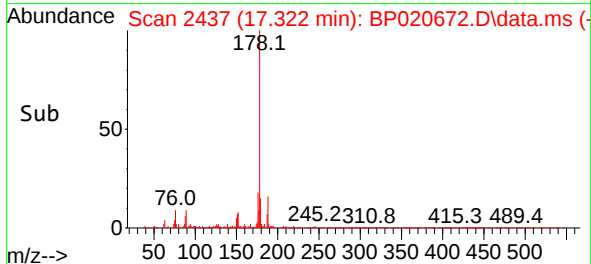
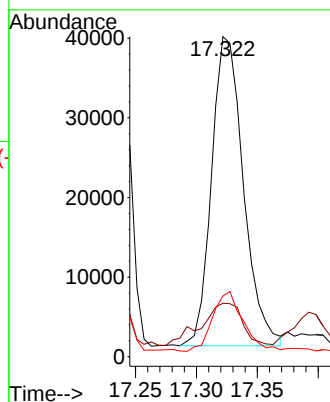
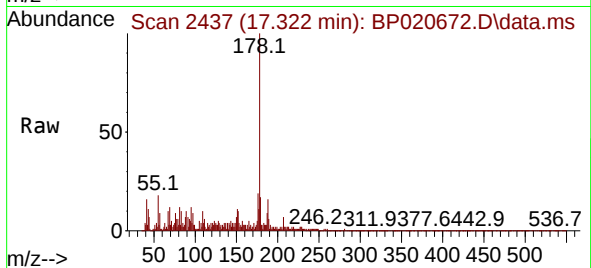
Tgt Ion:178	Resp:	70628
Ion Ratio	Lower	Upper
178	100	
179	16.7	12.1 18.1
176	19.0	15.0 22.4

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#80

Fluoranthene

Concen: 6.206 ng/ul

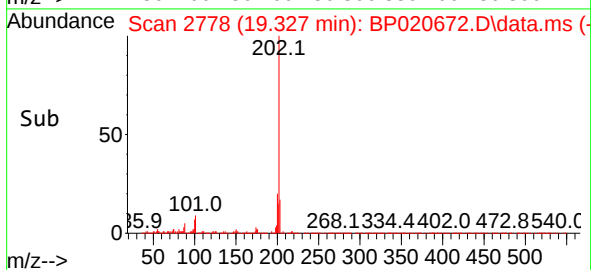
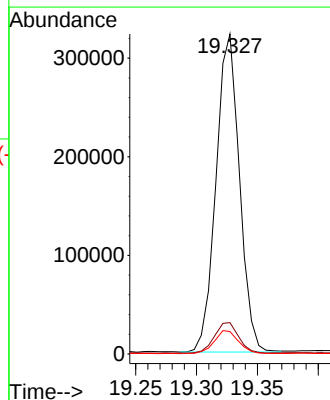
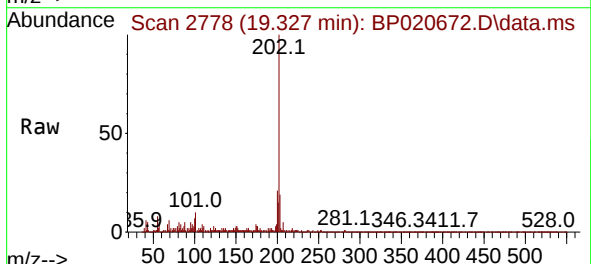
RT: 19.327 min Scan# 2778

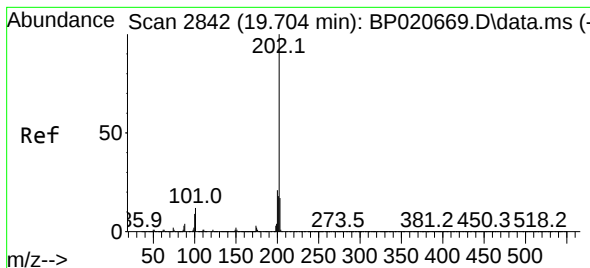
Delta R.T. 0.006 min

Lab File: BP020672.D

Acq: 27 Jun 2024 23:06

Tgt Ion:202	Resp:	432198
Ion Ratio	Lower	Upper
202	100	
101	9.8	8.2 12.4
100	7.0	6.6 10.0





#82

Pyrene

Concen: 5.506 ng/u1

RT: 19.704 min Scan# 2842

Delta R.T. 0.006 min

Lab File: BP020672.D

Acq: 27 Jun 2024 23:06

Instrument :

BNA_P

ClientSampleId :

A4B76

Tgt Ion:202 Resp: 393268

Ion Ratio Lower Upper

202 100

101 11.7 9.8 14.8

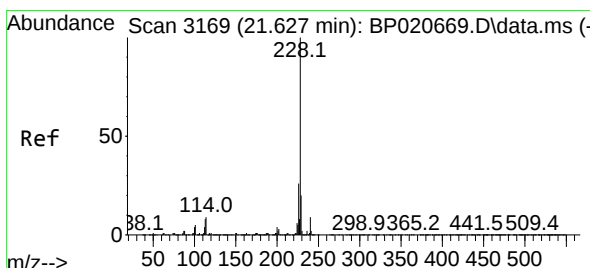
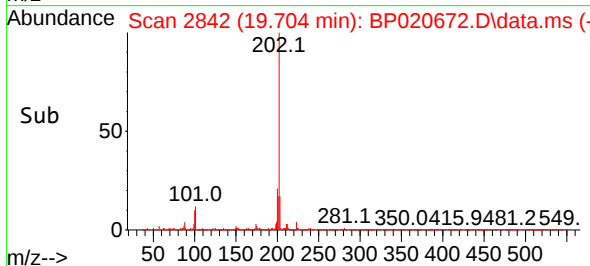
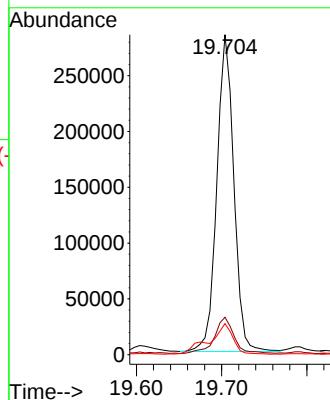
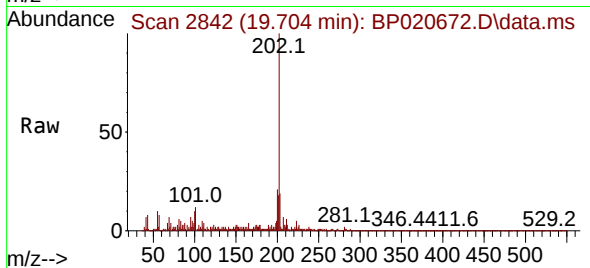
100 9.7 7.9 11.9

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#85

Benzo(a)anthracene

Concen: 3.422 ng/u1

RT: 21.627 min Scan# 3169

Delta R.T. 0.006 min

Lab File: BP020672.D

Acq: 27 Jun 2024 23:06

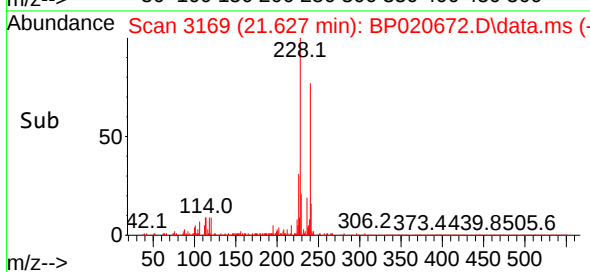
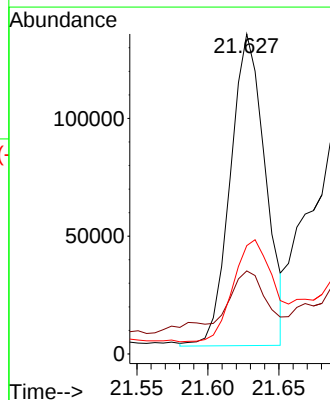
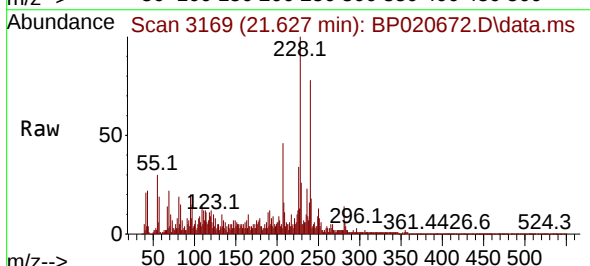
Tgt Ion:228 Resp: 227649

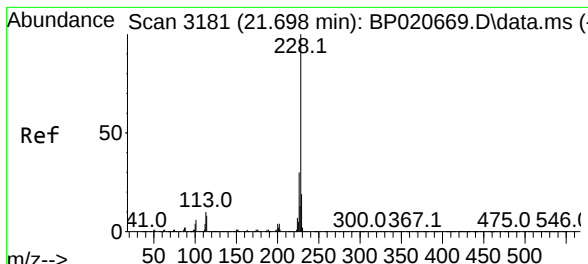
Ion Ratio Lower Upper

228 100

229 25.9 15.2 22.8#

226 33.8 21.1 31.7#





#87
Chrysene
Concen: 4.305 ng/u1
RT: 21.698 min Scan# 3181
Delta R.T. 0.006 min
Lab File: BP020672.D
Acq: 27 Jun 2024 23:06

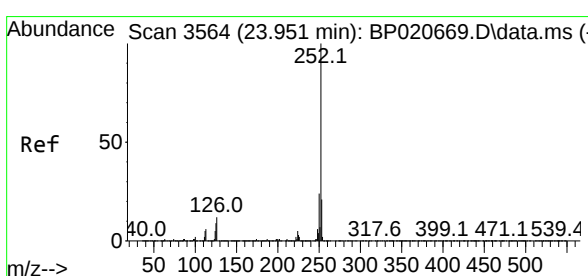
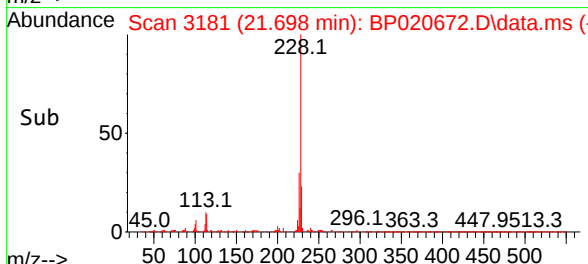
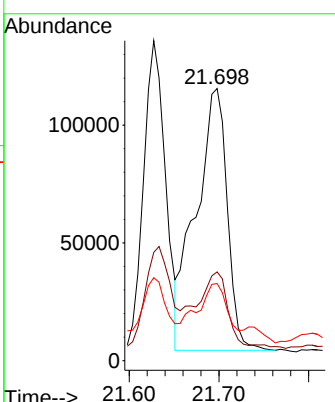
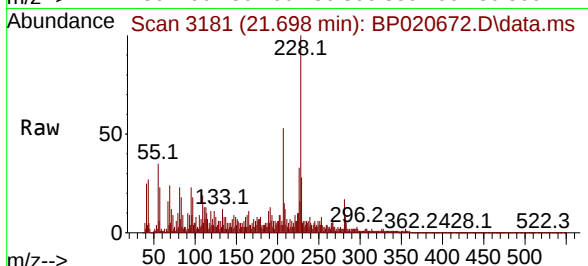
Instrument :
BNA_P
ClientSampleId :
A4B76

Tgt Ion:228 Resp: 270672

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.8	35.6
229	28.4	16.1	24.1

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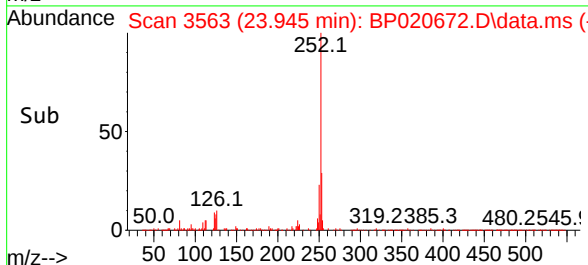
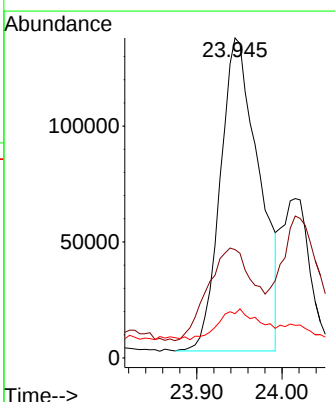
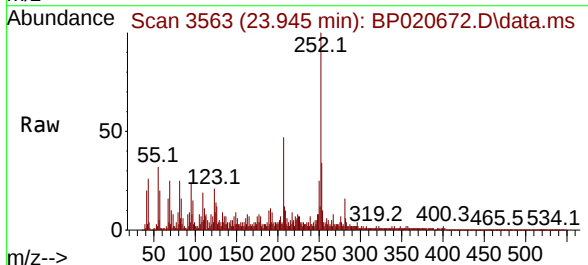
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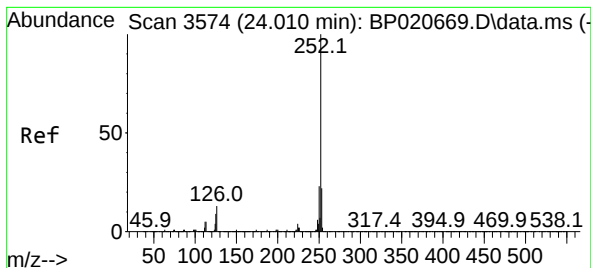


#90
Benzo(b)fluoranthene
Concen: 5.895 ng/u1
RT: 23.945 min Scan# 3563
Delta R.T. 0.006 min
Lab File: BP020672.D
Acq: 27 Jun 2024 23:06

Tgt Ion:252 Resp: 424477

Ion	Ratio	Lower	Upper
252	100		
253	33.9	17.5	26.3
125	13.8	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 2.078 ng/ul m

RT: 24.015 min Scan# 3

Delta R.T. 0.012 min

Lab File: BP020672.D

Acq: 27 Jun 2024 23:06

Instrument :

BNA_P

ClientSampleId :

A4B76

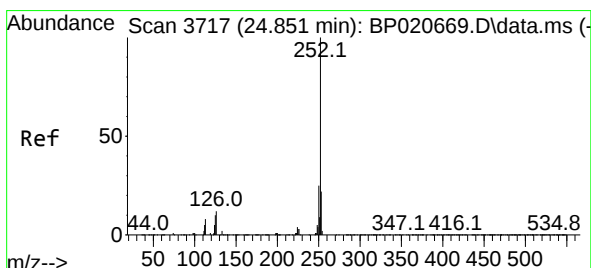
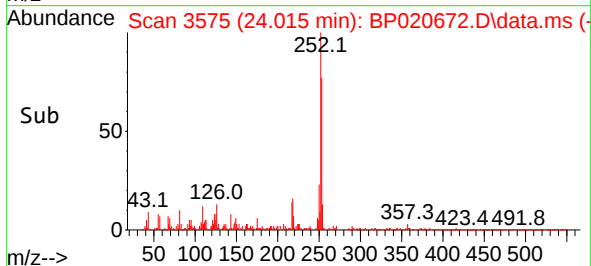
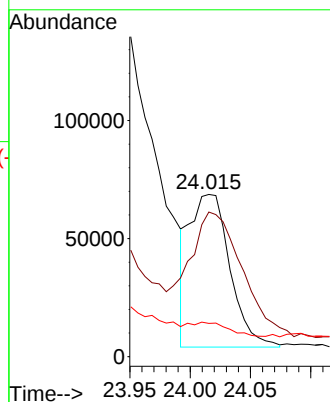
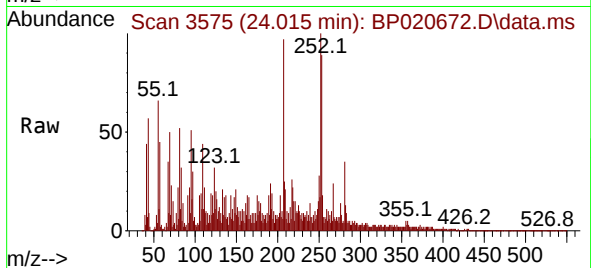
Tgt Ion:252 Resp: 15136
 Ion Ratio Lower Upper
 252 100
 253 89.1 17.6 26.4#
 125 20.5 7.9 11.9#

Manual Integrations

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#93

Benzo(a)pyrene

Concen: 2.882 ng/ul

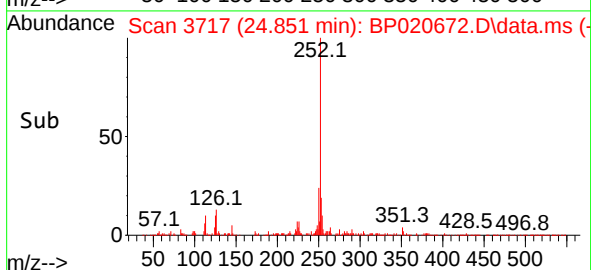
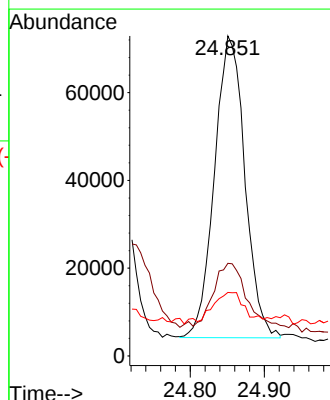
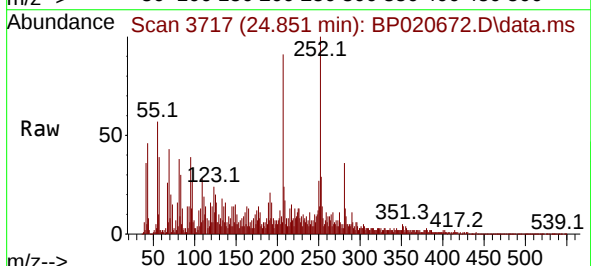
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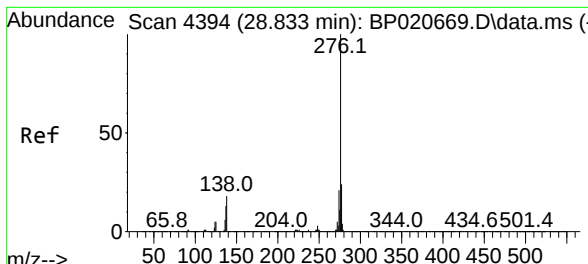
Delta R.T. 0.006 min

Lab File: BP020672.D

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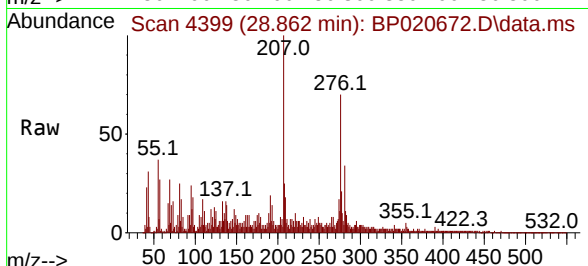
Tgt Ion:252 Resp: 195883
 Ion Ratio Lower Upper
 252 100
 253 29.0 17.4 26.2#
 125 19.9 8.7 13.1#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 2.388 ng/ul m
 RT: 28.862 min Scan# 4399
 Delta R.T. 0.047 min
 Lab File: BP020672.D
 Acq: 27 Jun 2024 23:06

Instrument :
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 ClientSampleId :
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Tgt Ion: 276 Resp: 20818

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.2	22.8
277	30.5	19.0	28.4

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