

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
 Data File : BP020659.D
 Acq On : 27 Jun 2024 12:57
 Operator : MA/JU
 Sample : P2909-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4B41

Manual Integrations
 APPROVED

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

Quant Time: Jun 27 13:35:43 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	254076	20.000	ng/u1	0.00
20) Naphthalene-d8	10.522	136	1036885	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.381	164	658633	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.192	188	1230400	20.000	ng/u1	0.00
79) Chrysene-d12	21.645	240	812260	20.000	ng/u1	0.00
88) Perylene-d12	25.033	264	1017573	20.000	ng/u1	0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	16353	2.764	ng/uL	0.00
4) Pyridine-d5	3.693	84	46969	2.724	ng/u1	0.00
7) Phenol-d5	6.928	99	345511	16.580	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.087	67	225357	17.058	ng/u1	0.00
11) 2-Chlorophenol-d4	7.287	132	301168	17.683	ng/u1	0.00
15) 4-Methylphenol-d8	8.446	113	205403	12.136	ng/u1	0.00
21) Nitrobenzene-d5	8.893	128	151441	19.783	ng/u1	0.00
24) 2-Nitrophenol-d4	9.604	143	167185	21.823	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.146	165	301551	19.109	ng/u1	0.00
31) 4-Chloroaniline-d4	10.657	131	109051m	4.931	ng/u1	0.00
46) Dimethylphthalate-d6	13.792	166	1000479	21.847	ng/u1	0.01
49) Acenaphthylene-d8	14.069	160	1095093	20.041	ng/u1	0.00
54) 4-Nitrophenol-d4	14.598	143	99850	14.271	ng/u1	0.00
60) Fluorene-d10	15.386	176	816751	21.195	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.510	200	117603	18.967	ng/u1	0.00
73) Anthracene-d10	17.286	188	1051420	19.040	ng/u1	0.00
81) Pyrene-d10	19.674	212	924437	18.944	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.792	264	651583	13.164	ng/u1	0.03
Target Compounds						
					Qvalue	
72) Phenanthrene	17.233	178	434086	6.737	ng/u1	99
74) Anthracene	17.322	178	87949	1.327	ng/u1	98
80) Fluoranthene	19.322	202	716064	12.013	ng/u1	99
82) Pyrene	19.698	202	467646	7.650	ng/u1	99
85) Benzo(a)anthracene	21.627	228	269759	4.738	ng/u1	96
86) Bis(2-ethylhexyl)phtha...	21.574	149	72772	2.065	ng/u1#	97
87) Chrysene	21.698	228	302714	5.625	ng/u1	99
90) Benzo(b)fluoranthene	23.962	252	402189m	6.524	ng/u1	
91) Benzo(k)fluoranthene	24.021	252	154347m	2.475	ng/u1	
93) Benzo(a)pyrene	24.862	252	137860	2.369	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	28.845	276	139496	1.869	ng/u1	96

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

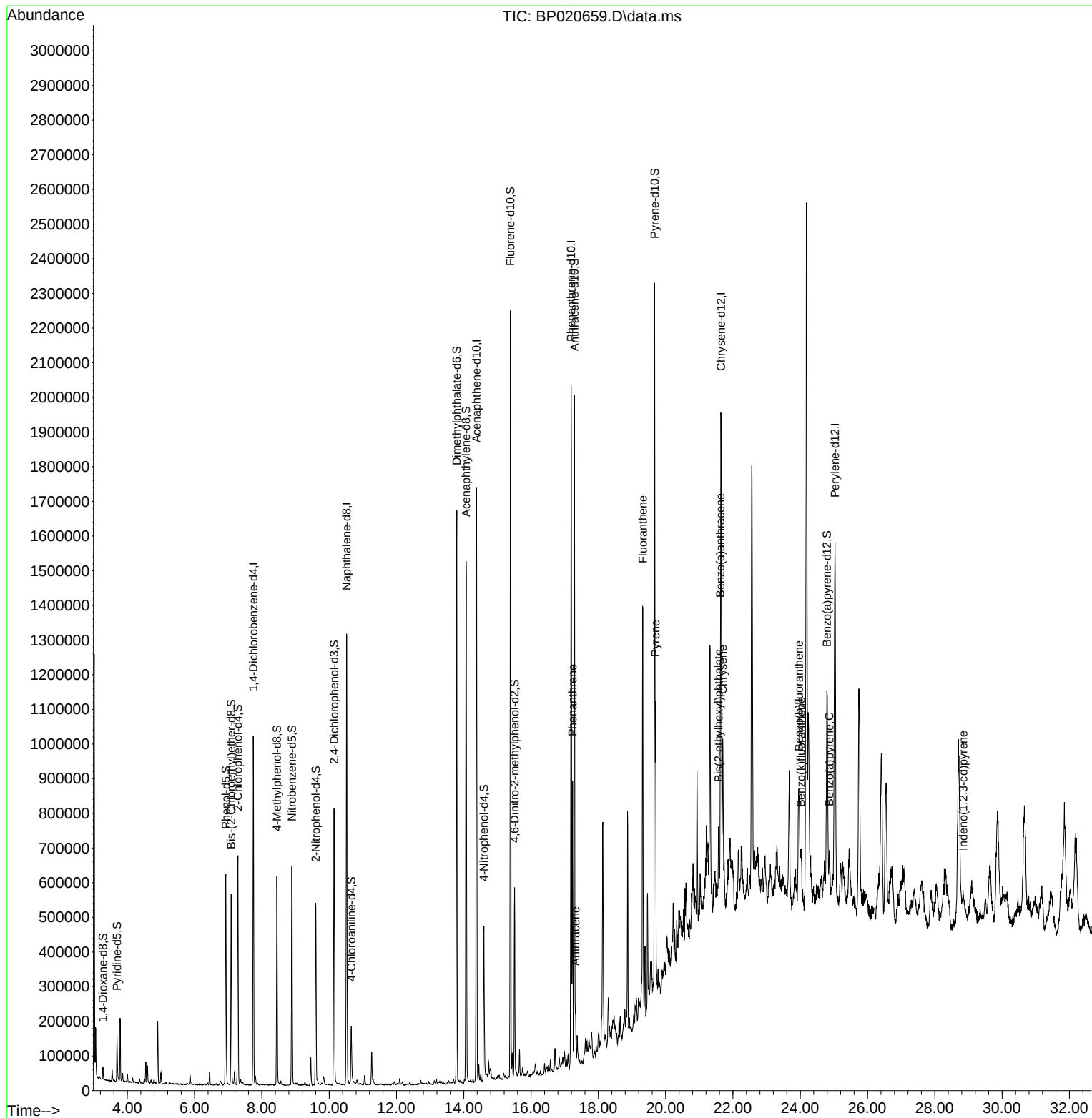
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062724\
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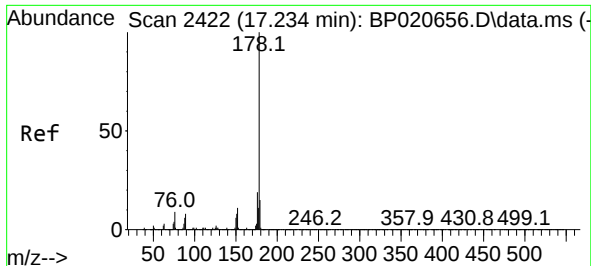
Instrument :
BNA_P
ClientSampleId :
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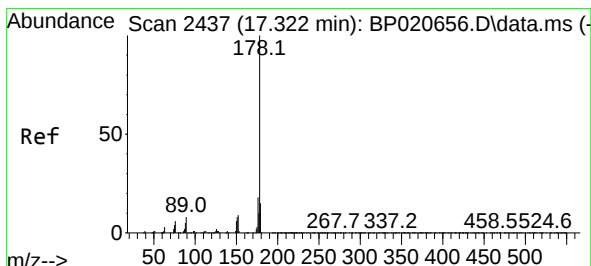
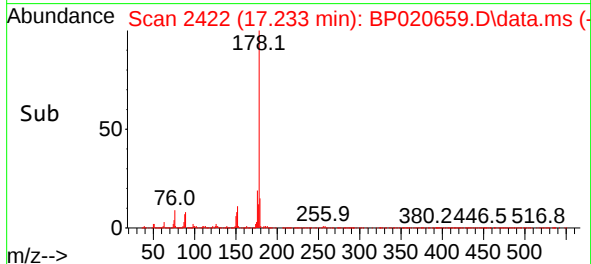
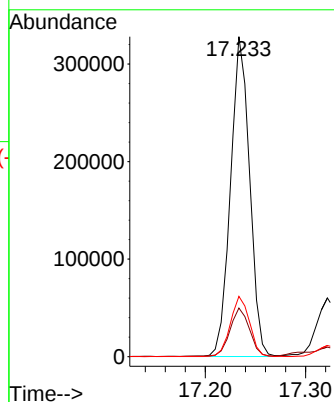
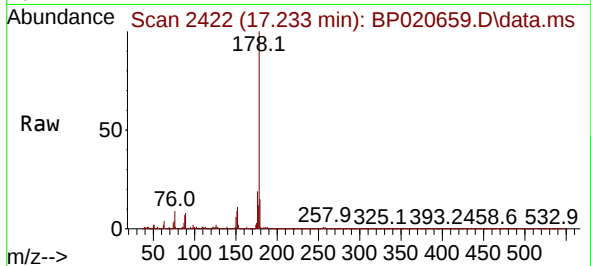
#72
Phenanthrene
Concen: 6.737 ng/ul
RT: 17.233 min Scan# 2422
Delta R.T. 0.006 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

Instrument :
BNA_P
ClientSampleId :
A4B41

Tgt Ion:178 Resp: 434086
Ion Ratio Lower Upper
178 100
179 15.2 12.4 18.6
176 18.9 15.4 23.2

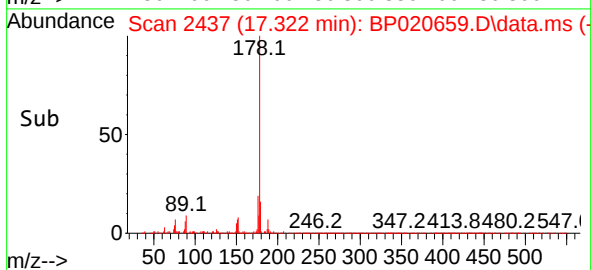
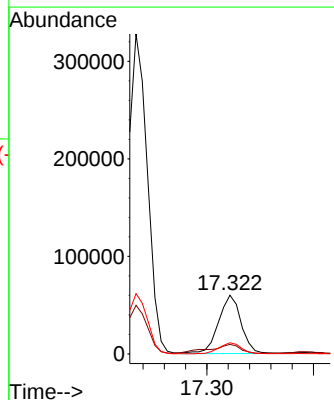
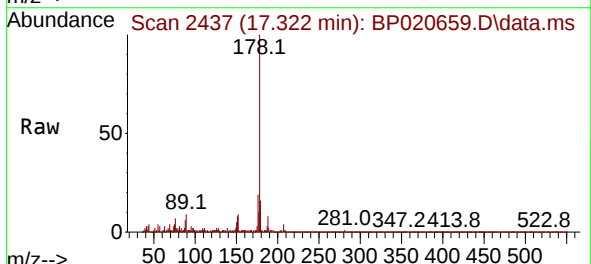
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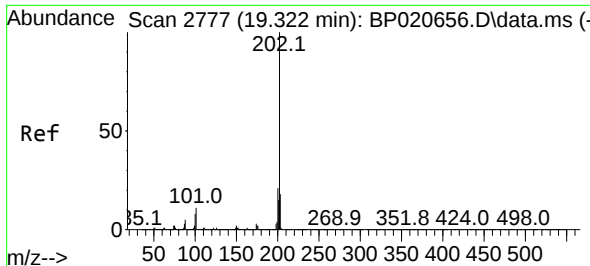
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#74
Anthracene
Concen: 1.327 ng/ul
RT: 17.322 min Scan# 2437
Delta R.T. 0.006 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

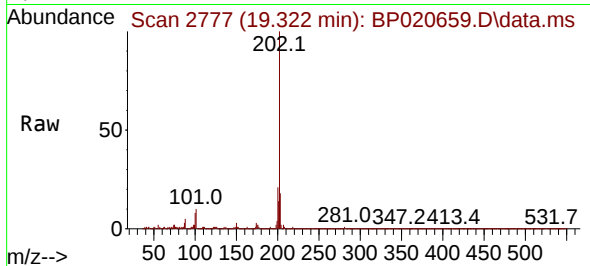
Tgt Ion:178 Resp: 87949
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 19.2 15.0 22.4





#80
Fluoranthene
Concen: 12.013 ng/u1
RT: 19.322 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

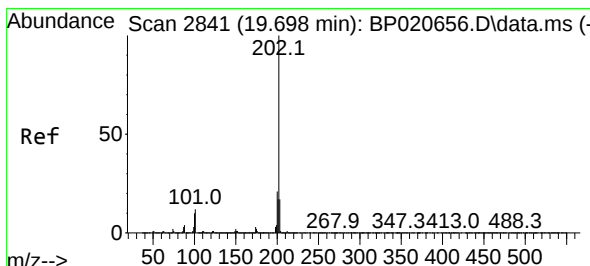
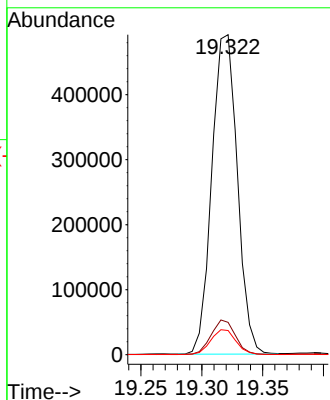
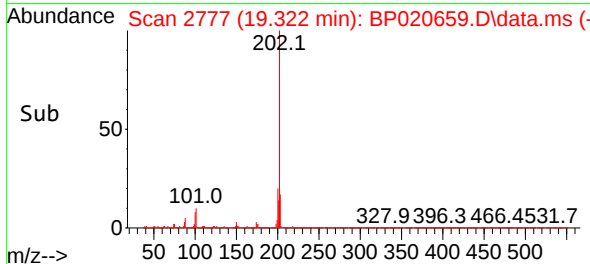
Instrument :
BNA_P
ClientSampleId :
A4B41



Tgt Ion:202 Resp: 716064
Ion Ratio Lower Upper
202 100
101 10.1 8.2 12.4
100 7.6 6.6 10.0

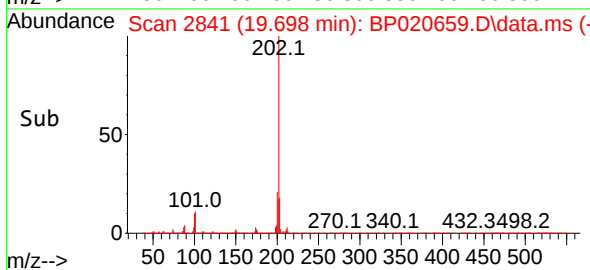
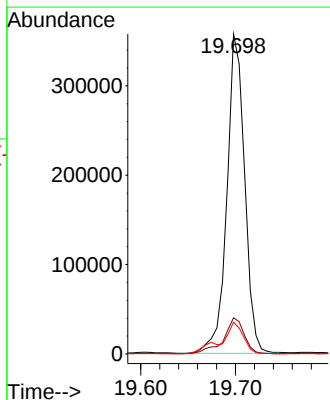
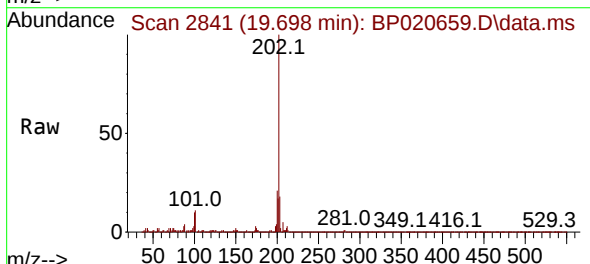
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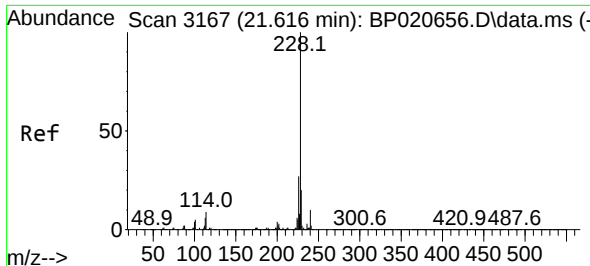
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#82
Pyrene
Concen: 7.650 ng/u1
RT: 19.698 min Scan# 2841
Delta R.T. -0.000 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

Tgt Ion:202 Resp: 467646
Ion Ratio Lower Upper
202 100
101 11.3 9.8 14.8
100 10.0 7.9 11.9





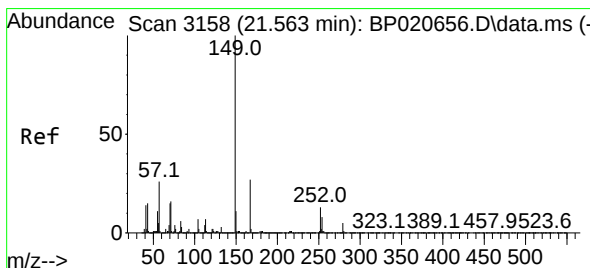
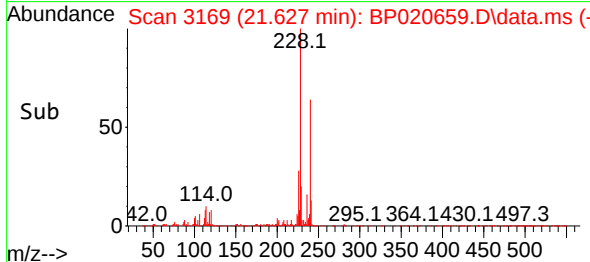
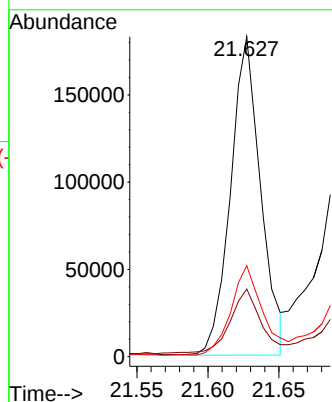
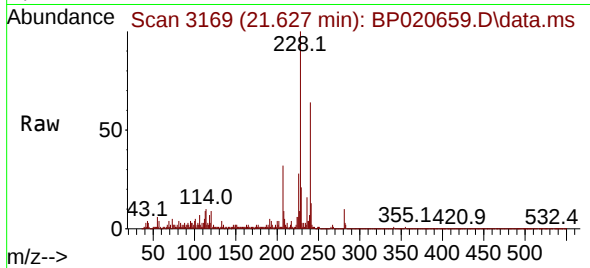
#85
Benzo(a)anthracene
Concen: 4.738 ng/ul
RT: 21.627 min Scan# 3169
Delta R.T. 0.006 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

Instrument :
BNA_P
ClientSampleId :
A4B41

Tgt Ion:228 Resp: 26975
Ion Ratio Lower Upper
228 100
229 21.1 15.2 22.8
226 28.4 21.1 31.7

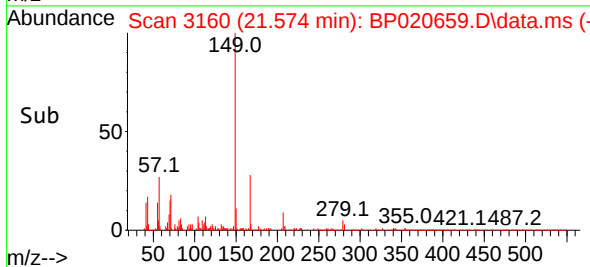
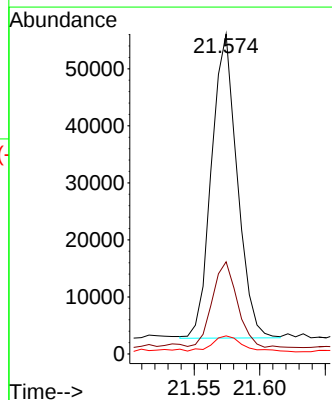
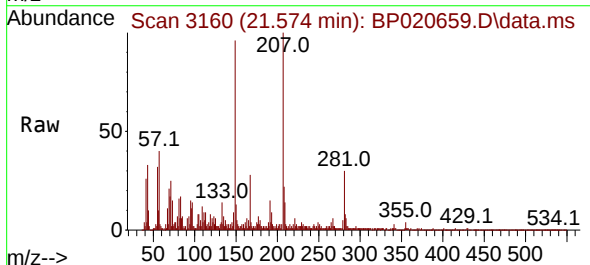
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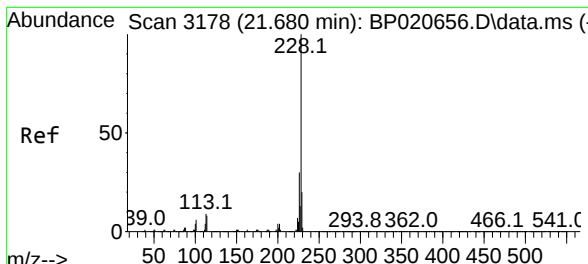
Reviewed By :Yogesh Patel 06/28/2024
Supervised By :mohammad ahmed 06/29/2024



#86
Bis(2-ethylhexyl)phthalate
Concen: 2.065 ng/ul
RT: 21.574 min Scan# 3160
Delta R.T. 0.006 min
Lab File: BP020659.D
Acq: 27 Jun 2024 12:57

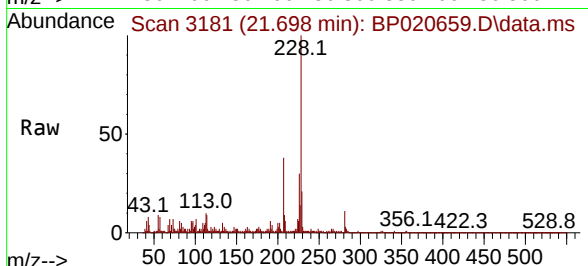
Tgt Ion:149 Resp: 72772
Ion Ratio Lower Upper
149 100
167 28.8 22.0 33.0
279 5.6 3.3 4.9#





#87
Chrysene
 Concen: 5.625 ng/ul
 RT: 21.698 min Scan# 3178
 Delta R.T. 0.006 min
 Lab File: BP020659.D
 Acq: 27 Jun 2024 12:57

Instrument : BNA_P
 ClientSampleId : A4B41

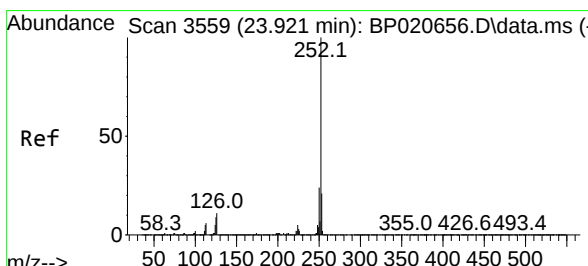
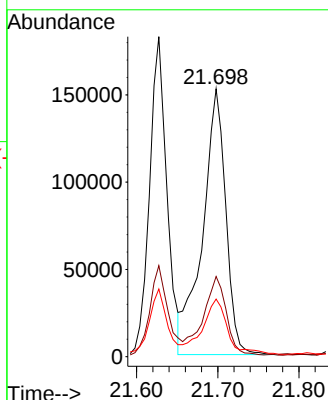
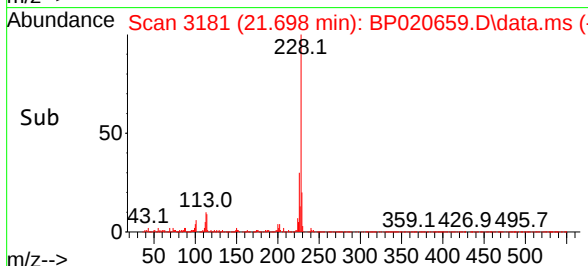


Tgt Ion: 228 Resp: 302714

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	21.5	16.1	24.1

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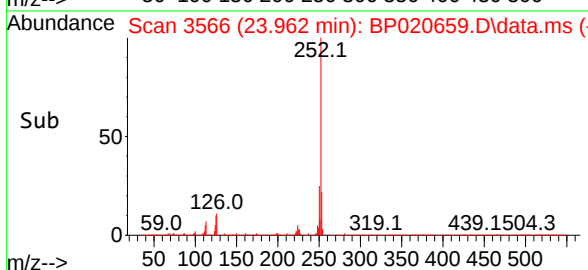
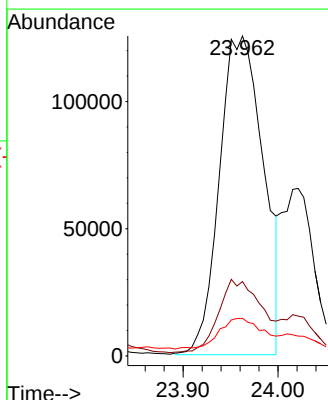
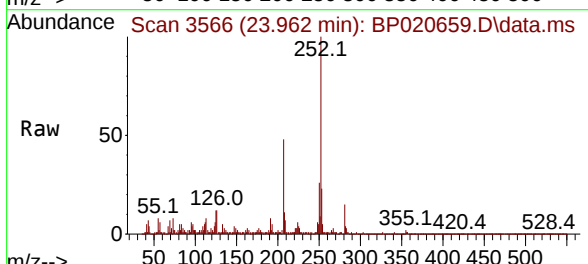
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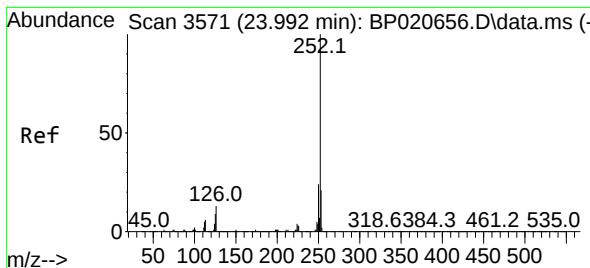


#90
Benzo(b)fluoranthene
 Concen: 6.524 ng/ul m
 RT: 23.962 min Scan# 3566
 Delta R.T. 0.023 min
 Lab File: BP020659.D
 Acq: 27 Jun 2024 12:57

Tgt Ion: 252 Resp: 402189

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.5	26.3
125	11.8	7.9	11.9





#91

Benzo(k)fluoranthene

Concen: 2.475 ng/ul m

RT: 24.021 min Scan# 3571

Delta R.T. 0.018 min

Lab File: BP020659.D

Acq: 27 Jun 2024 12:57

Instrument :

BNA_P

ClientSampleId :

A4B41

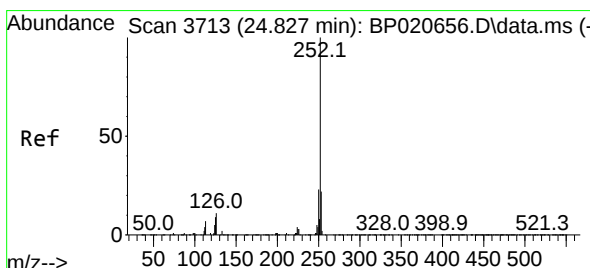
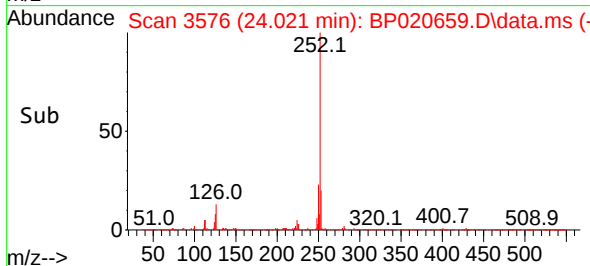
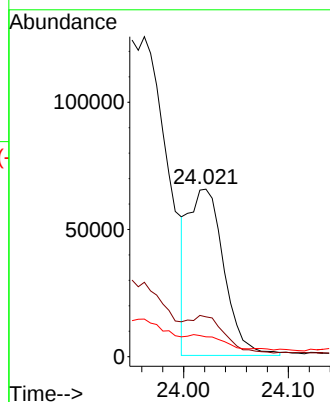
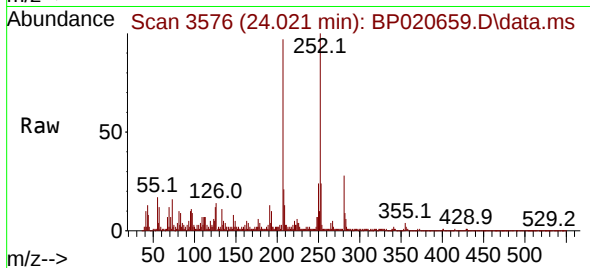
Tgt Ion:	252	Resp:	15434
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.6	26.4
125	11.8	7.9	11.9

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#93

Benzo(a)pyrene

Concen: 2.369 ng/ul

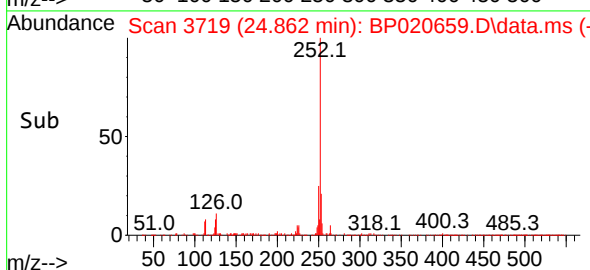
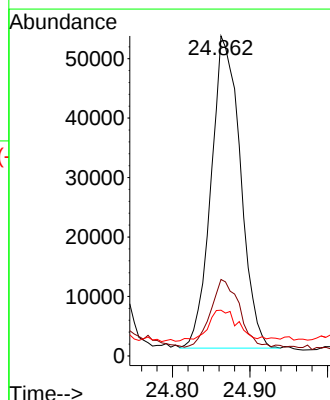
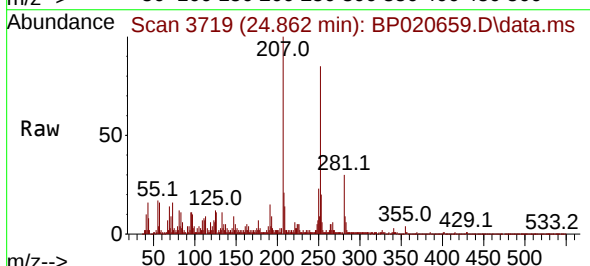
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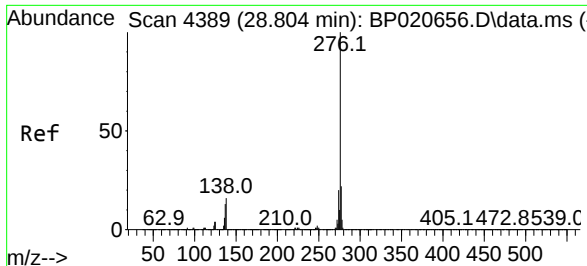
Delta R.T. 0.018 min

Lab File: BP020659.D

Acq: 27 Jun 2024 12:57

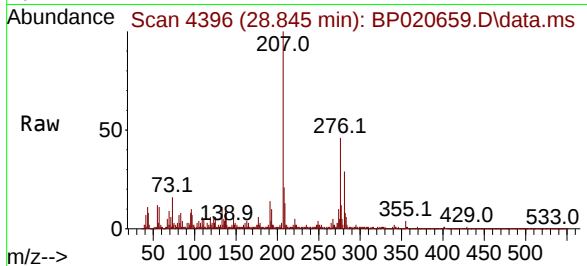
Tgt Ion:	252	Resp:	137860
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	14.3	8.7	13.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.869 ng/ul
 RT: 28.845 min Scan# 41
 Delta R.T. 0.029 min
 Lab File: BP020659.D
 Acq: 27 Jun 2024 12:57

Instrument :
 BNA_P
 ClientSampleId :
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Tgt Ion:276 Resp: 139490
 Ion Ratio Lower Upper
 276 100
 138 18.0 15.2 22.8
 277 26.1 19.0 28.4

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