

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
 Data File : BP021157.D
 Acq On : 25 Jul 2024 21:43
 Operator : MA/JU
 Sample : P3263-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 A4CG6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/26/2024
 Supervised By :mohammad ahmed 07/27/2024

Quant Time: Jul 25 23:49:04 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	222899	20.000	ng/u1	0.00
20) Naphthalene-d8	10.422	136	830075	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	502672	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.104	188	1023332	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1053254	20.000	ng/u1	0.00
88) Perylene-d12	24.874	264	1327404	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	15335	3.131	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.875	99	270918	14.908	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	174458	15.841	ng/u1	0.01
11) 2-Chlorophenol-d4	7.205	132	247820	16.552	ng/u1	0.00
15) 4-Methylphenol-d8	8.393	113	211924	14.041	ng/u1	0.01
21) Nitrobenzene-d5	8.816	128	112216	17.405	ng/u1	0.01
24) 2-Nitrophenol-d4	9.528	143	131333	17.797	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.081	165	220925	16.557	ng/u1	0.00
31) 4-Chloroaniline-d4	10.616	131	5952m	0.337	ng/u1	0.05
46) Dimethylphthalate-d6	13.704	166	661188	18.094	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	765287	18.651	ng/u1	0.00
54) 4-Nitrophenol-d4	14.610	143	72096m	13.867	ng/u1	0.01
60) Fluorene-d10	15.310	176	564538	18.831	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.481	200	65974	10.655	ng/u1	0.01
73) Anthracene-d10	17.210	188	823781	18.124	ng/u1	0.00
81) Pyrene-d10	19.598	212	878467	13.491	ng/u1	0.01
92) Benzo(a)pyrene-d12	24.627	264	767472	11.723	ng/u1	-0.02
Target Compounds					Qvalue	
50) Acenaphthylene	14.016	152	51771	1.114	ng/u1	97
72) Phenanthrene	17.145	178	260442	4.906	ng/u1	98
74) Anthracene	17.251	178	65611	1.212	ng/u1	99
80) Fluoranthene	19.251	202	617358	7.851	ng/u1	100
82) Pyrene	19.627	202	463925	5.798	ng/u1	99
85) Benzo(a)anthracene	21.533	228	331851	4.498	ng/u1	95
87) Chrysene	21.598	228	407768	5.948	ng/u1	97
90) Benzo(b)fluoranthene	23.821	252	664180	8.245	ng/u1#	93
91) Benzo(k)fluoranthene	23.880	252	223572m	2.781	ng/u1	
93) Benzo(a)pyrene	24.710	252	213676	2.807	ng/u1#	85
94) Indeno(1,2,3-cd)pyrene	28.662	276	267447m	2.727	ng/u1	
95) Dibenzo(a,h)anthracene	28.715	278	97112m	1.196	ng/u1	

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

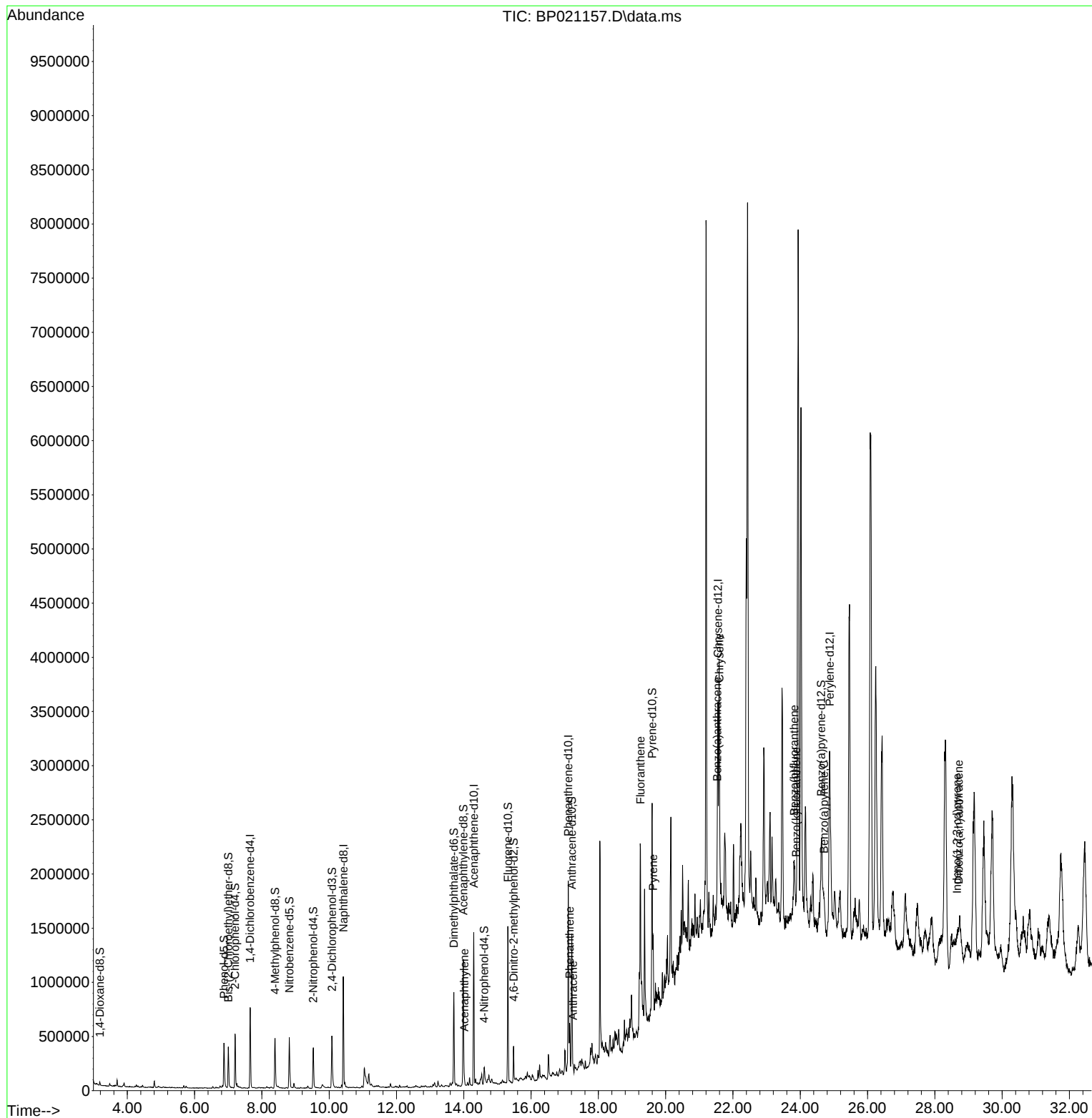
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072524\
Data File : BP021157.D
Acq On : 25 Jul 2024 21:43
Operator : MA/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

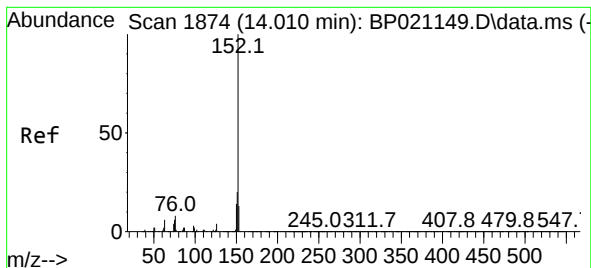
Instrument :
BNA_P
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A4CG6

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 25 00:15:24 2024
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#50

Acenaphthylene

Concen: 1.114 ng/ul

RT: 14.016 min Scan# 1875

Delta R.T. -0.000 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Instrument :

BNA_P

ClientSampleId :

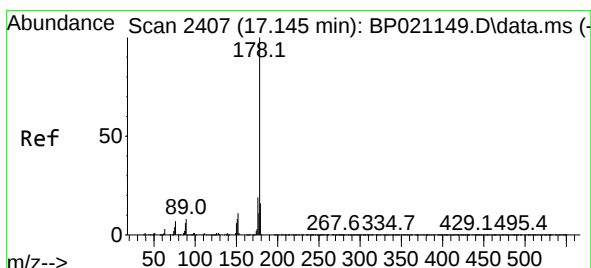
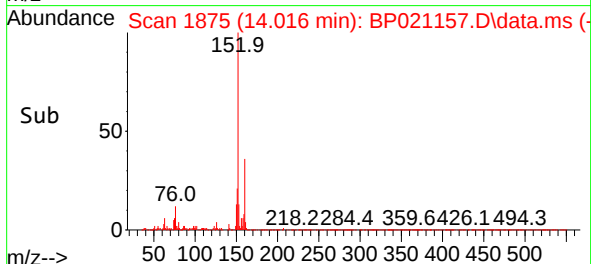
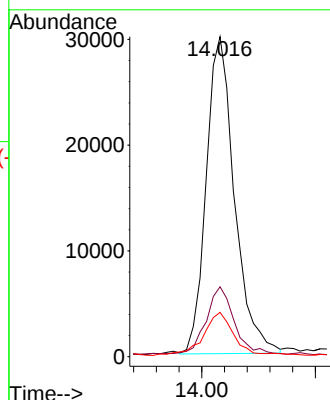
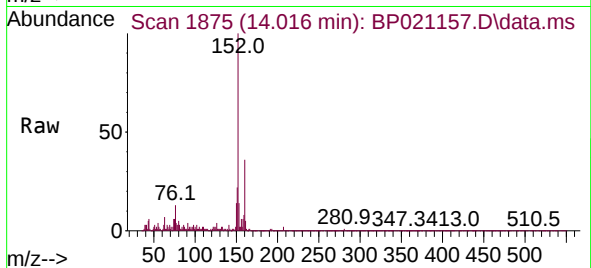
A4CG6

Tgt Ion:	152	Resp:	5177
Ion Ratio	Lower	Upper	
152	100		
151	21.9	16.2	24.2
153	13.9	10.3	15.5

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#72

Phenanthrene

Concen: 4.906 ng/ul

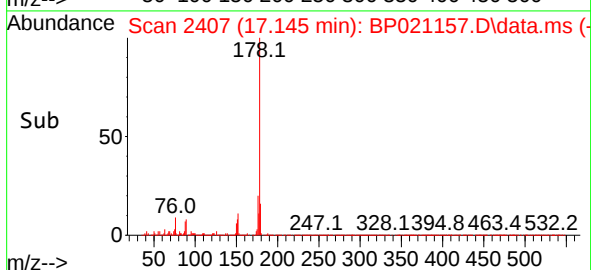
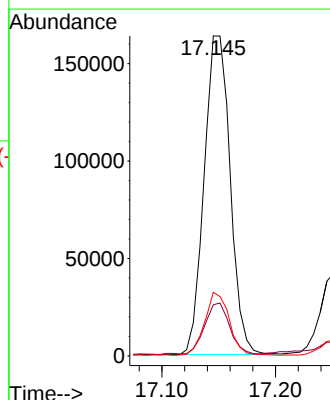
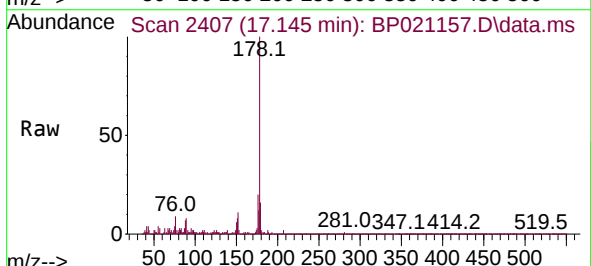
RT: 17.145 min Scan# 2407

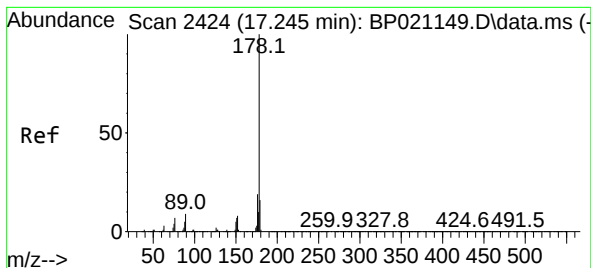
Delta R.T. -0.000 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Tgt Ion:	178	Resp:	260442
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.2	18.4
176	19.9	15.0	22.4





#74

Anthracene

Concen: 1.212 ng/ul

RT: 17.251 min Scan# 2424

Delta R.T. 0.012 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Instrument :

BNA_P

ClientSampleId :

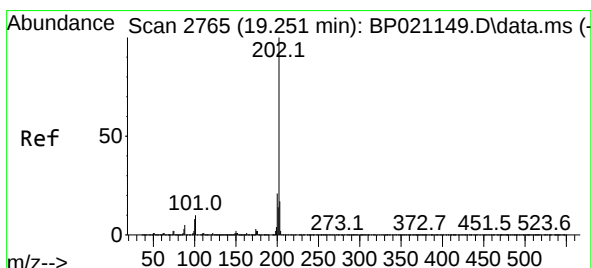
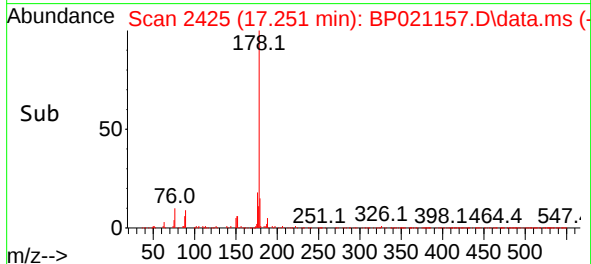
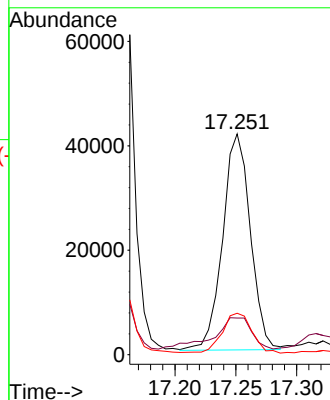
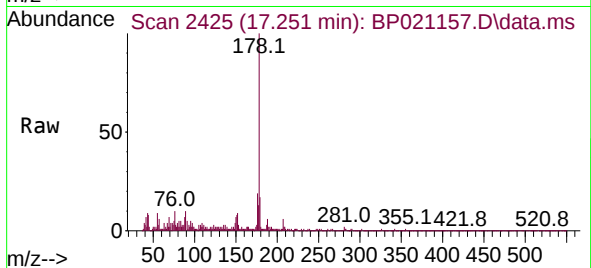
A4CG6

Tgt Ion:178	Resp: 6561
Ion Ratio	Lower Upper
178 100	
179 16.6	12.5 18.7
176 18.8	14.8 22.2

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#80

Fluoranthene

Concen: 7.851 ng/ul

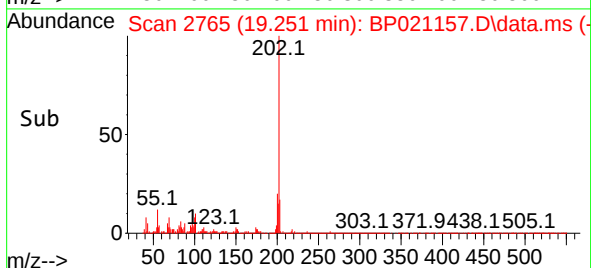
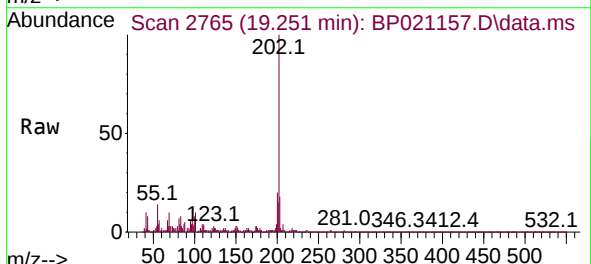
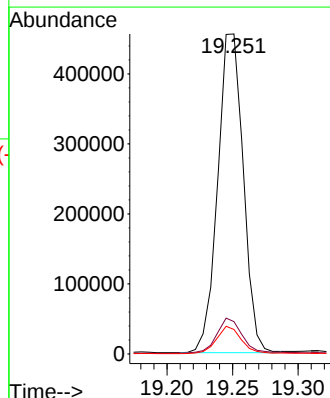
RT: 19.251 min Scan# 2765

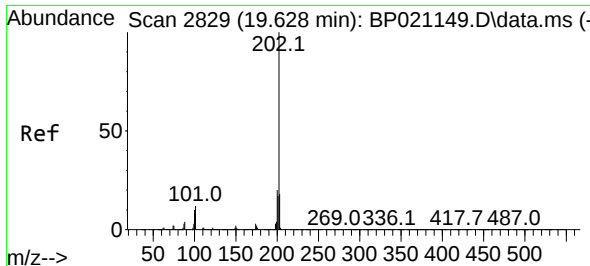
Delta R.T. 0.006 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

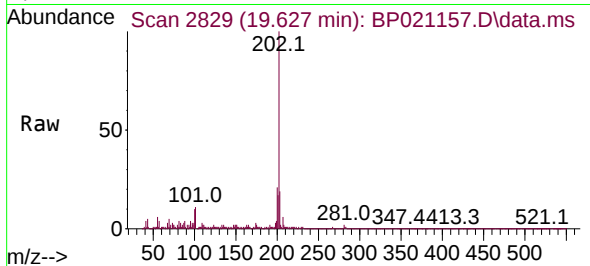
Tgt Ion:202	Resp: 617358
Ion Ratio	Lower Upper
202 100	
101 10.1	8.0 12.0
100 7.7	6.1 9.1





#82
Pyrene
Concen: 5.798 ng/ul
RT: 19.627 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP021157.D
Acq: 25 Jul 2024 21:43

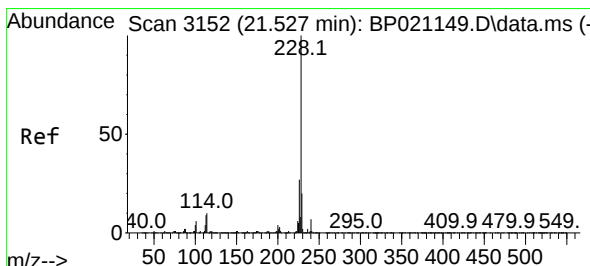
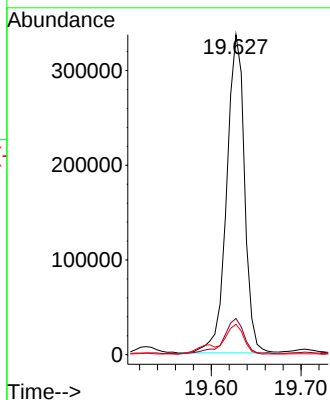
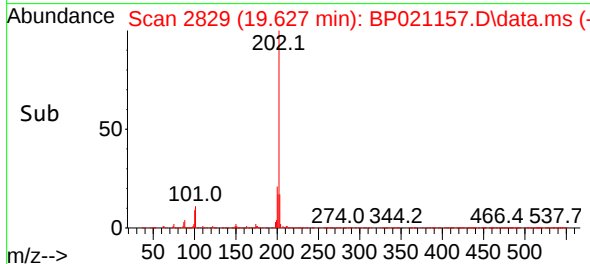
Instrument :
BNA_P
ClientSampleId :
A4CG6



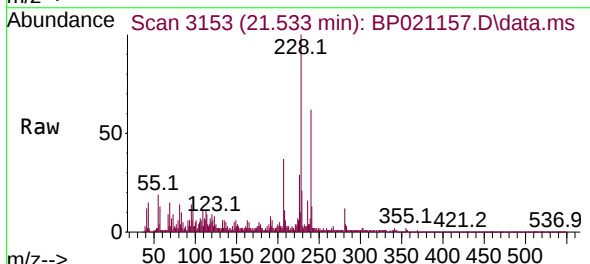
Tgt Ion:202 Resp: 463925
Ion Ratio Lower Upper
202 100
101 11.3 9.4 14.2
100 9.5 7.8 11.6

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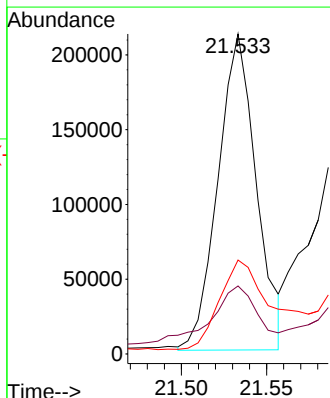
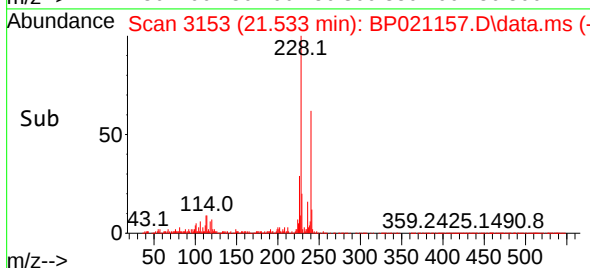
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024

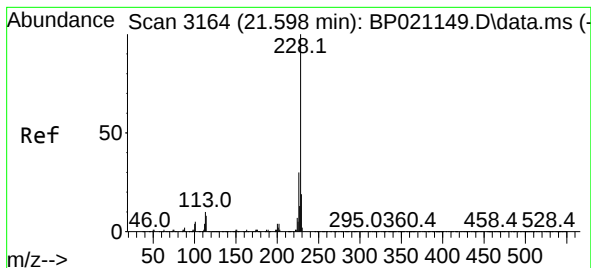


#85
Benzo(a)anthracene
Concen: 4.498 ng/ul
RT: 21.533 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BP021157.D
Acq: 25 Jul 2024 21:43



Tgt Ion:228 Resp: 331851
Ion Ratio Lower Upper
228 100
229 21.3 15.5 23.3
226 29.3 21.4 32.2





#87

Chrysene

Concen: 5.948 ng/ul

RT: 21.598 min Scan# 3164

Delta R.T. -0.006 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Instrument :

BNA_P

ClientSampleId :

A4CG6

Tgt Ion:228 Resp: 407768

Ion Ratio Lower Upper

228 100

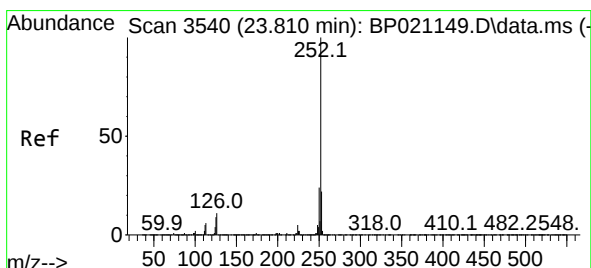
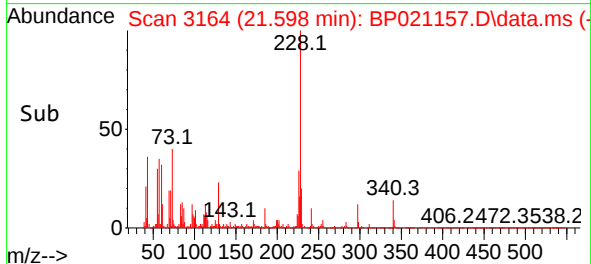
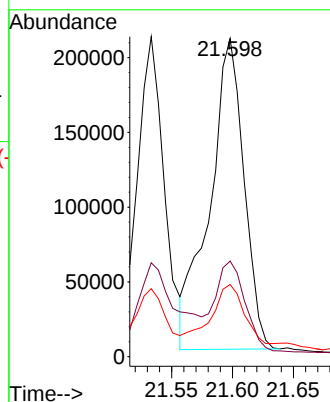
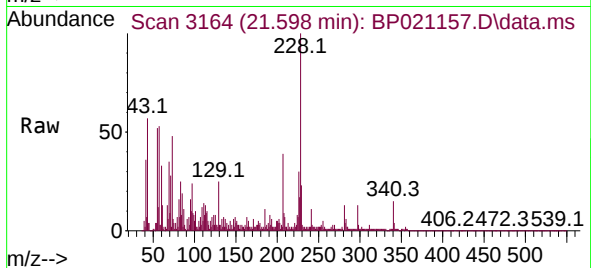
226 30.0 23.6 35.4

229 22.7 15.5 23.3

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#90

Benzo(b)fluoranthene

Concen: 8.245 ng/ul

RT: 23.821 min Scan# 3542

Delta R.T. -0.000 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

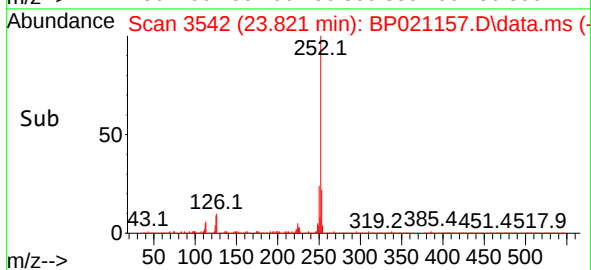
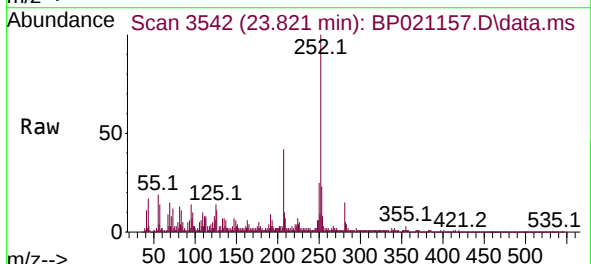
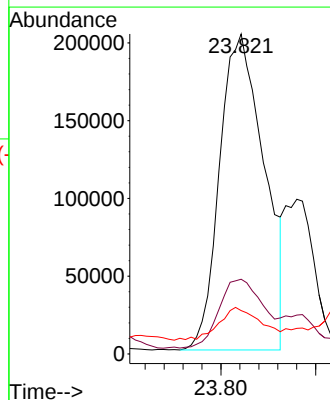
Tgt Ion:252 Resp: 664180

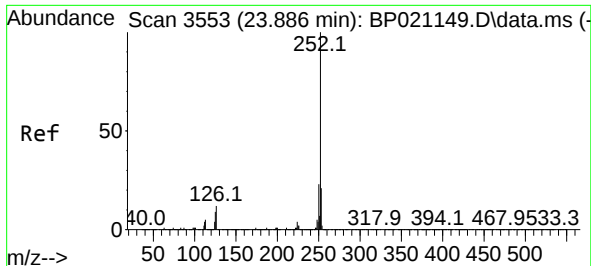
Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

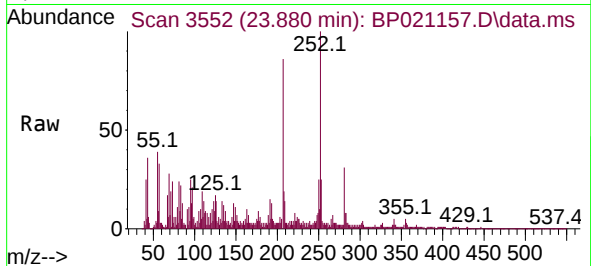
125 13.6 7.0 10.4#





#91
Benzo(k)fluoranthene
Concen: 2.781 ng/ul m
RT: 23.880 min Scan# 3553
Delta R.T. -0.006 min
Lab File: BP021157.D
Acq: 25 Jul 2024 21:43

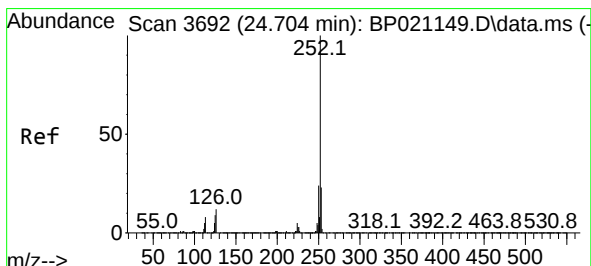
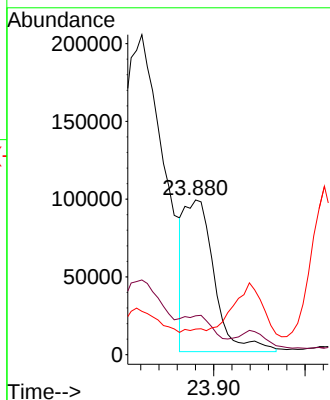
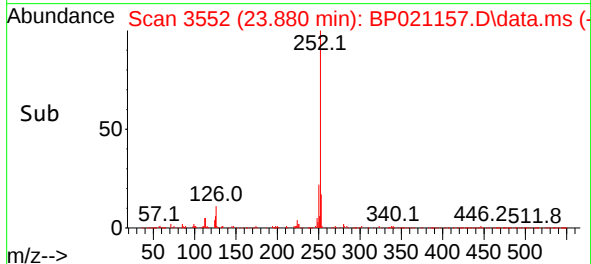
Instrument : BNA_P
ClientSampleId : A4CG6



Tgt Ion:252 Resp: 223572
Ion Ratio Lower Upper
252 100
253 25.1 17.4 26.2
125 16.5 7.4 11.0

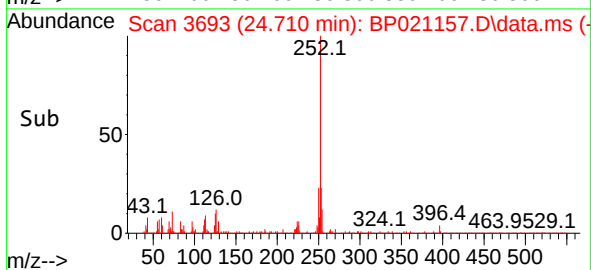
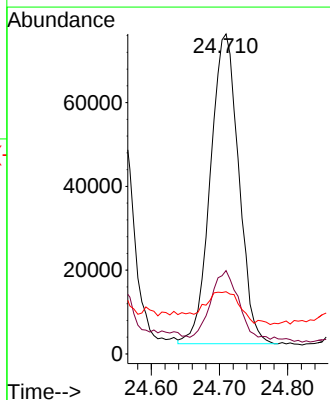
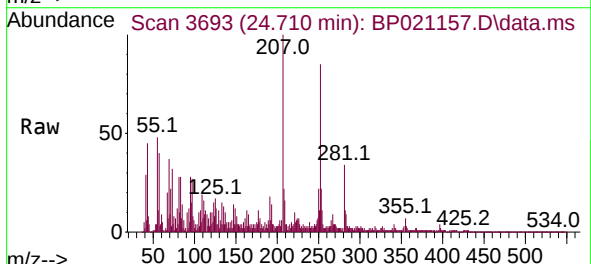
Manual Integrations
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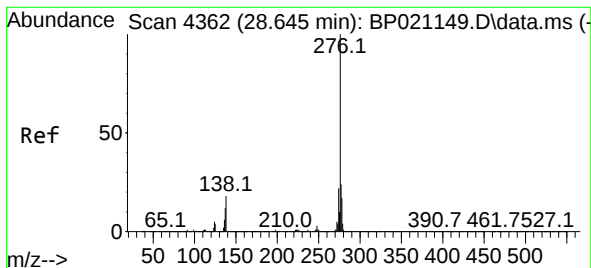
Reviewed By :Jagrut Upadhyay 07/26/2024
Supervised By :mohammad ahmed 07/27/2024



#93
Benzo(a)pyrene
Concen: 2.807 ng/ul
RT: 24.710 min Scan# 3693
Delta R.T. -0.006 min
Lab File: BP021157.D
Acq: 25 Jul 2024 21:43

Tgt Ion:252 Resp: 213676
Ion Ratio Lower Upper
252 100
253 26.1 17.4 26.0#
125 19.5 7.7 11.5#





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.727 ng/ul m

RT: 28.662 min Scan# 4365

Delta R.T. 0.023 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Instrument :

BNA_P

ClientSampleId :

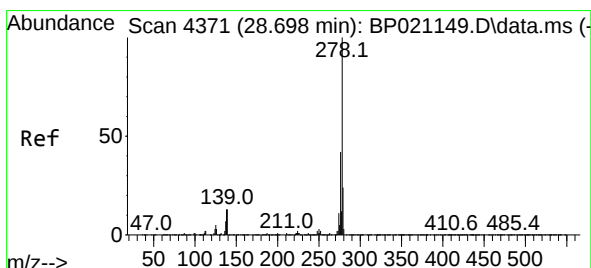
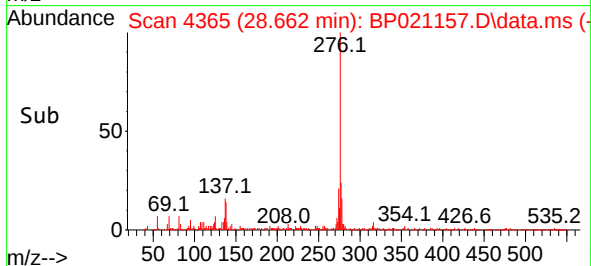
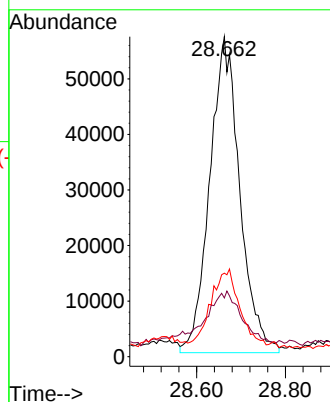
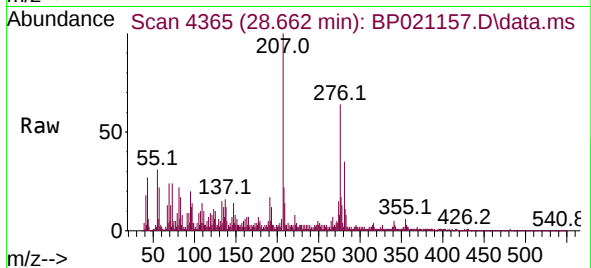
A4CG6

Tgt Ion:	276	Resp:	26744
Ion Ratio	Lower	Upper	
276	100		
138	18.3	14.3	21.5
277	26.1	19.2	28.8

Manual Integrations

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#95

Dibenzo(a,h)anthracene

Concen: 1.196 ng/ul m

RT: 28.715 min Scan# 4374

Delta R.T. 0.023 min

Lab File: BP021157.D

Acq: 25 Jul 2024 21:43

Tgt Ion:	278	Resp:	97112
Ion Ratio	Lower	Upper	
278	100		
139	27.7	10.9	16.3#
279	34.8	19.4	29.0#

