

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047110.D
 Acq On : 09 Aug 2024 07:31
 Operator : RC/JU
 Sample : P3435-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E05W0

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 08:06:54 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.386	152	291697	20.000	ng/u1	0.00
20) Naphthalene-d8	10.139	136	1119845	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.039	164	692203	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.798	188	1396478	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	1240410	20.000	ng/u1	0.00
88) Perylene-d12	23.732	264	1443326	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	20210	2.745	ng/uL	0.00
4) Pyridine-d5	3.404	84	305181	15.196	ng/u1	0.00
7) Phenol-d5	6.592	99	425240	19.191	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.739	67	262247	17.987	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	342869	18.267	ng/u1	0.00
15) 4-Methylphenol-d8	8.104	113	344155	19.606	ng/u1	0.00
21) Nitrobenzene-d5	8.528	128	162004	18.028	ng/u1	0.00
24) 2-Nitrophenol-d4	9.245	143	179953	18.338	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.780	165	340120	18.052	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	456523	18.437	ng/u1	0.00
46) Dimethylphthalate-d6	13.468	166	997962	18.856	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	1175479	19.897	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	118607	11.590	ng/u1	0.00
60) Fluorene-d10	15.045	176	879699	19.430	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	75914	8.604	ng/u1	0.00
73) Anthracene-d10	16.898	188	1328360	20.065	ng/u1	0.00
81) Pyrene-d10	19.209	212	1483353	20.890	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.550	264	1593442	20.966	ng/u1	0.00
Target Compounds					Qvalue	
72) Phenanthrene	16.839	178	147561	1.885	ng/u1	99
74) Anthracene	16.933	178	145853	1.848	ng/u1	99
80) Fluoranthene	18.874	202	962829	11.346	ng/u1	97
82) Pyrene	19.239	202	829627	9.175	ng/u1#	95
85) Benzo(a)anthracene	21.015	228	589601	6.508	ng/u1	98
87) Chrysene	21.074	228	523868	6.063	ng/u1	99
90) Benzo(b)fluoranthene	22.891	252	657723	7.367	ng/u1	97
91) Benzo(k)fluoranthene	22.944	252	233333m	2.645	ng/u1	
93) Benzo(a)pyrene	23.609	252	503619	6.055	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.720	276	296864	2.786	ng/u1	98
96) Benzo(g,h,i)perylene	27.650	276	268676	3.191	ng/u1	97

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

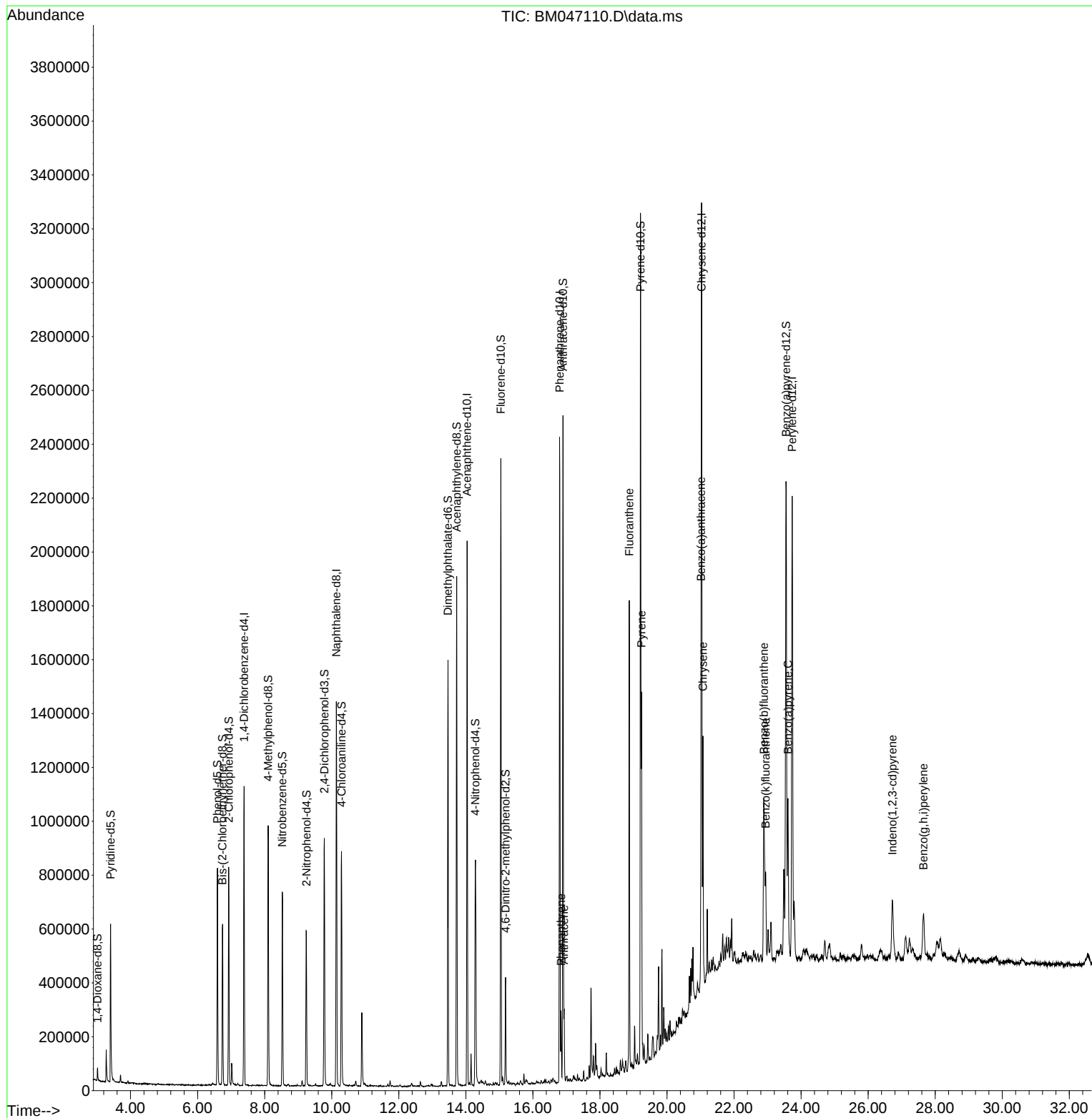
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047110.D
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 Misc :
 ALS Vial : 27 Sample Multiplier: 1

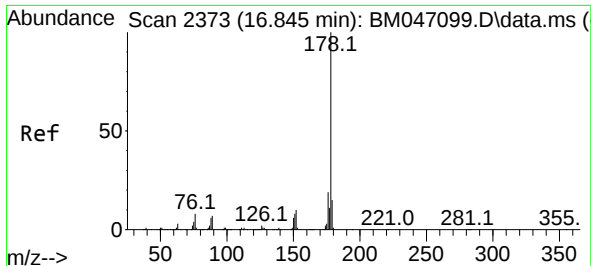
Instrument :
 BNA_M
 ClientSampleId :
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Quant Time: Aug 09 08:06:54 2024
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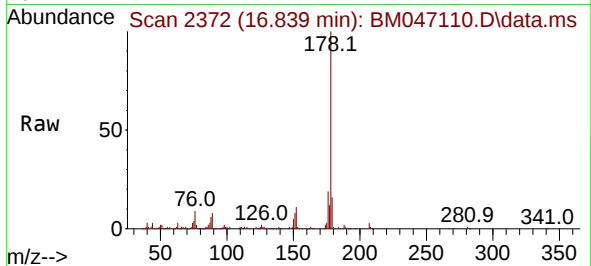
Reviewed By :Jagrut Upadhyay 08/09/2024
 Supervised By :mohammad ahmed 08/12/2024





#72
Phenanthrene
Concen: 1.885 ng/ul
RT: 16.839 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31

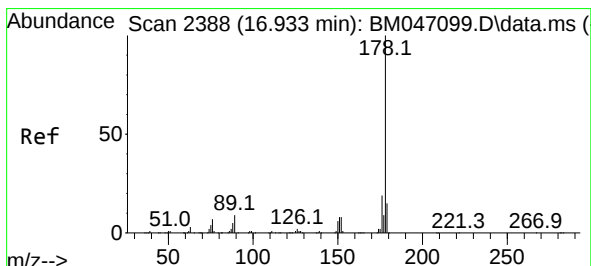
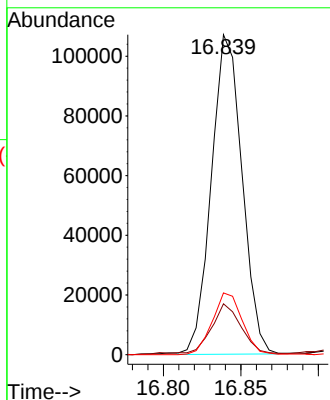
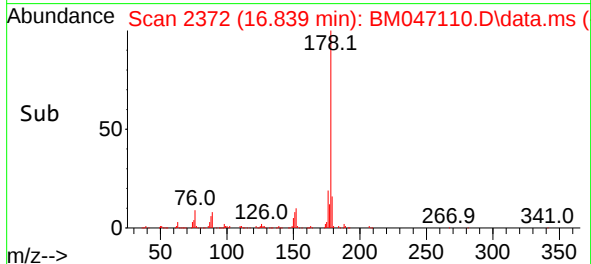
Instrument :
BNA_M
ClientSampleId :
E05W0



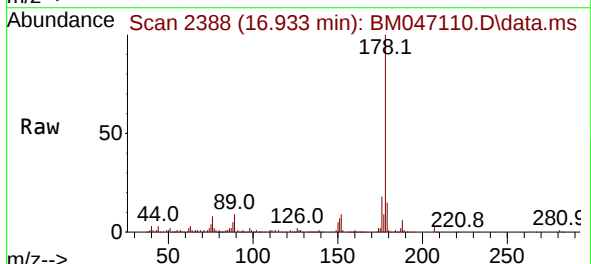
Tgt Ion:178 Resp: 14756
Ion Ratio Lower Upper
178 100
179 15.9 12.3 18.5
176 19.3 15.3 22.9

Manual Integrations
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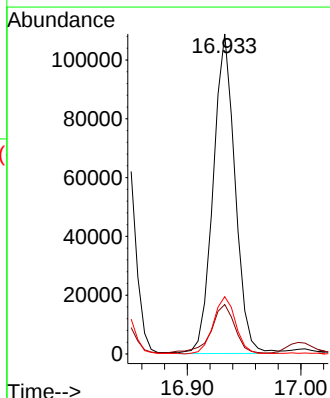
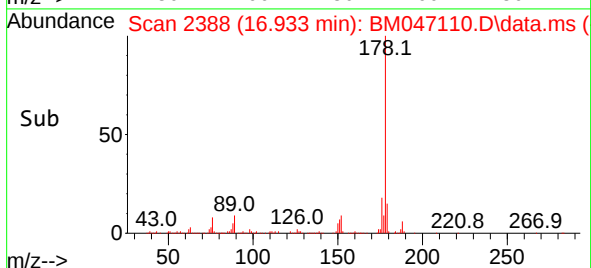
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024

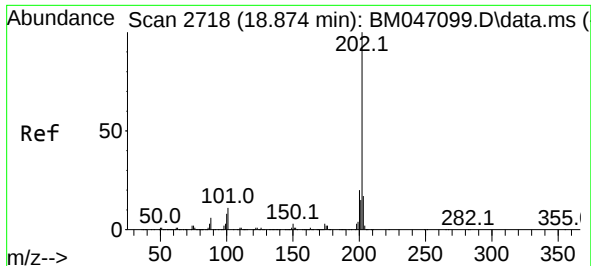


#74
Anthracene
Concen: 1.848 ng/ul
RT: 16.933 min Scan# 2388
Delta R.T. -0.000 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31



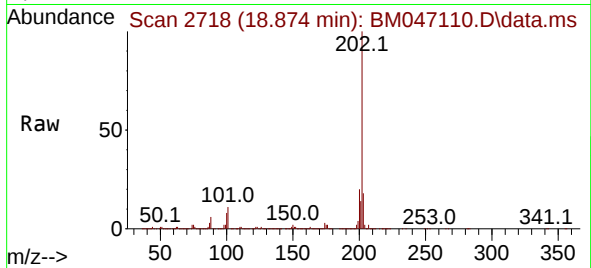
Tgt Ion:178 Resp: 145853
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 17.9 14.6 22.0





#80
Fluoranthene
Concen: 11.346 ng/ul
RT: 18.874 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31

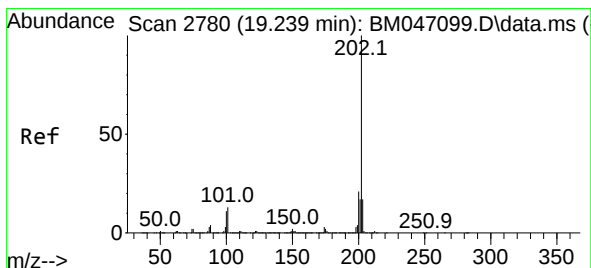
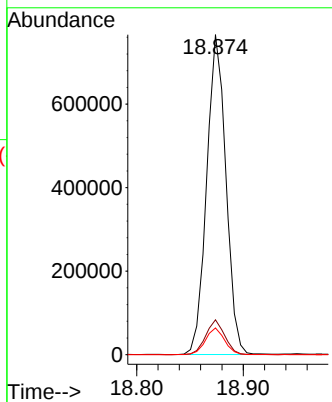
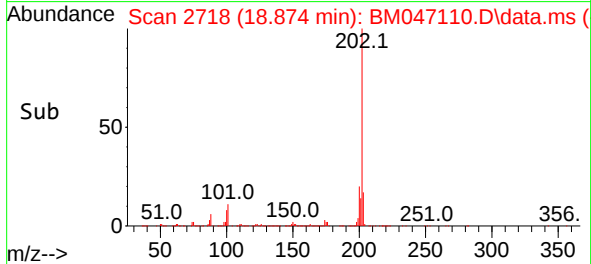
Instrument :
BNA_M
ClientSampleId :
E05W0



Tgt Ion:202 Resp: 962829
Ion Ratio Lower Upper
202 100
101 10.9 7.8 11.6
100 8.4 5.9 8.9

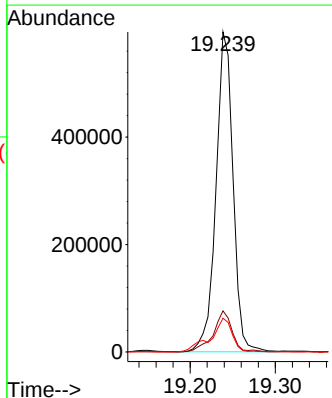
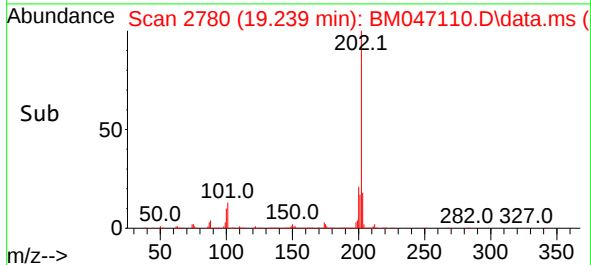
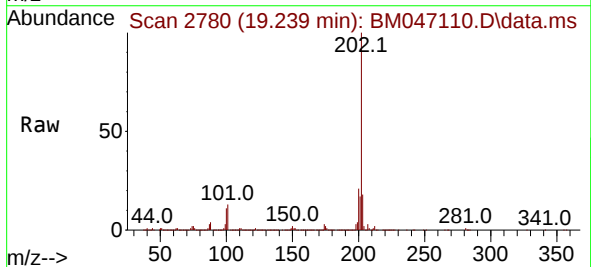
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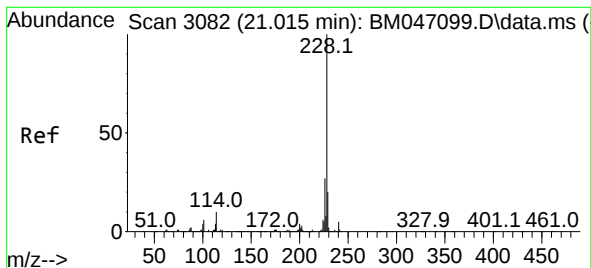
Reviewed By :Jagrut Upadhyay 08/09/2024
Supervised By :mohammad ahmed 08/12/2024



#82
Pyrene
Concen: 9.175 ng/ul
RT: 19.239 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31

Tgt Ion:202 Resp: 829627
Ion Ratio Lower Upper
202 100
101 12.8 8.7 13.1
100 10.5 6.8 10.2#





#85

Benzo(a)anthracene

Concen: 6.508 ng/u1

RT: 21.015 min Scan# 3082

Delta R.T. -0.000 min

Lab File: BM047110.D

Acq: 09 Aug 2024 07:31

Instrument :

BNA_M

ClientSampleId :

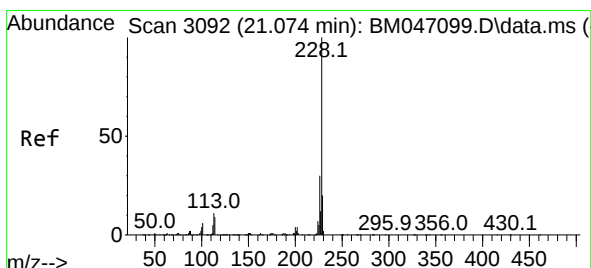
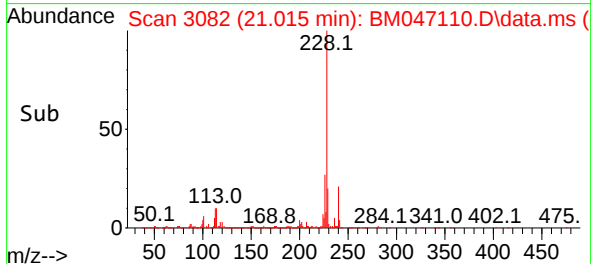
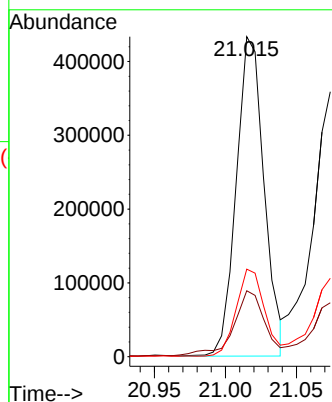
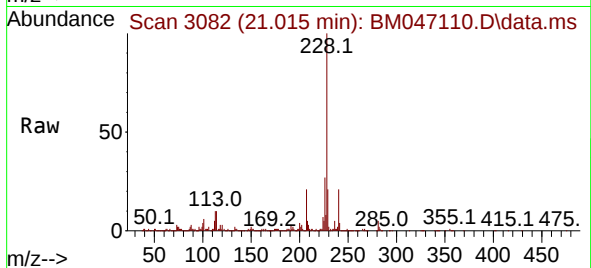
E05W0

Tgt Ion:	228	Resp:	58960
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.5	23.3
226	27.4	21.2	31.8

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#87

Chrysene

Concen: 6.063 ng/u1

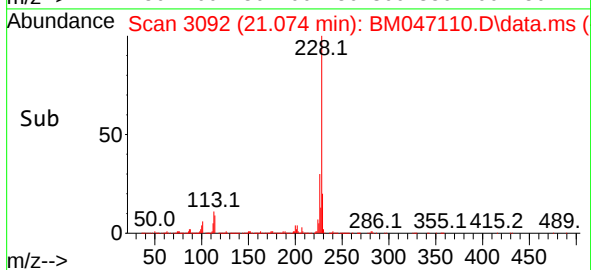
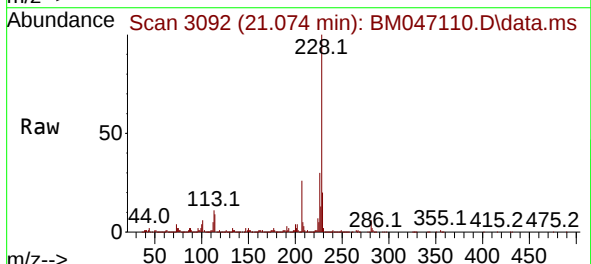
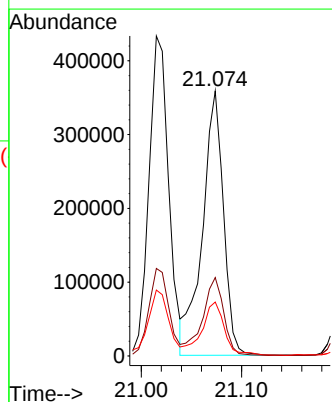
RT: 21.074 min Scan# 3092

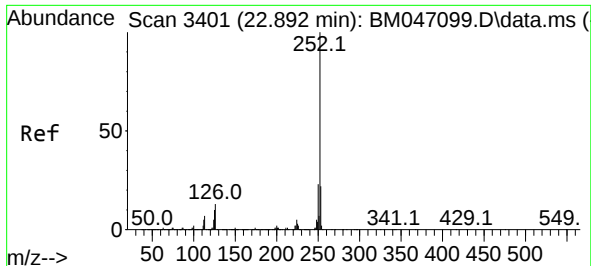
Delta R.T. -0.000 min

Lab File: BM047110.D

Acq: 09 Aug 2024 07:31

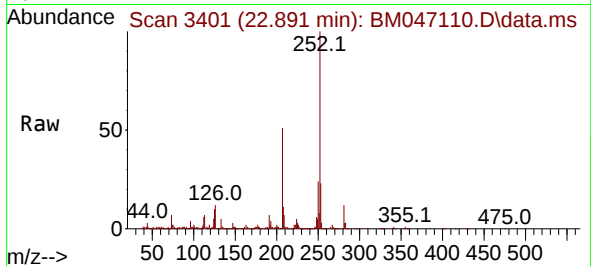
Tgt Ion:	228	Resp:	523868
Ion Ratio	Lower	Upper	
228	100		
226	29.6	24.0	36.0
229	20.3	15.5	23.3





#90
Benzo(b)fluoranthene
Concen: 7.367 ng/ul
RT: 22.891 min Scan# 3401
Delta R.T. -0.000 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31

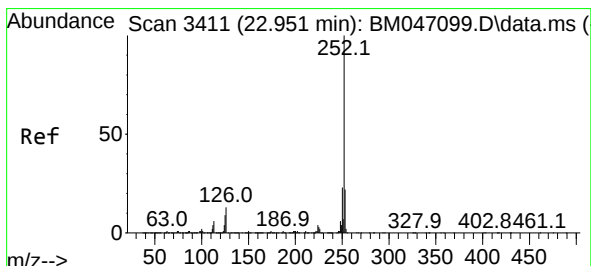
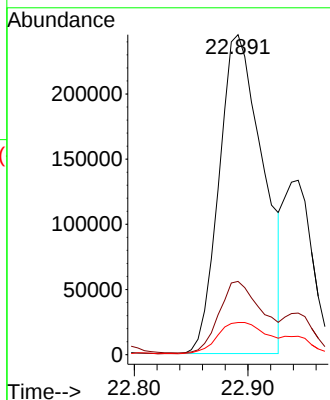
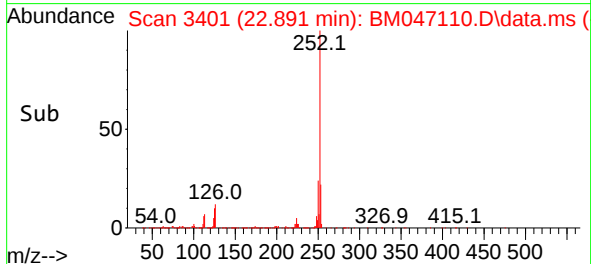
Instrument :
BNA_M
ClientSampleId :
E05W0



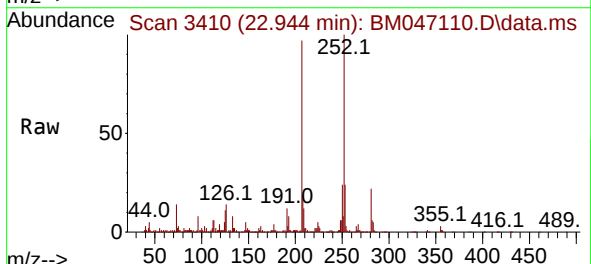
Tgt Ion:252 Resp: 65772
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 10.0 7.0 10.6

Manual Integrations
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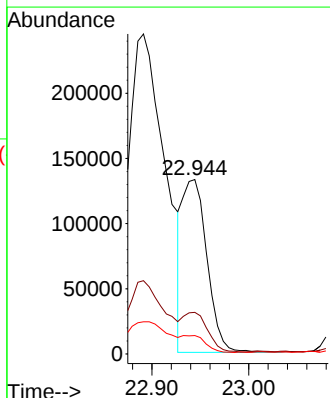
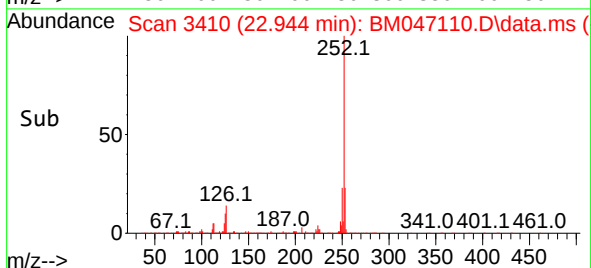
Reviewed By :Jagrut Upadhyay 08/09/2024
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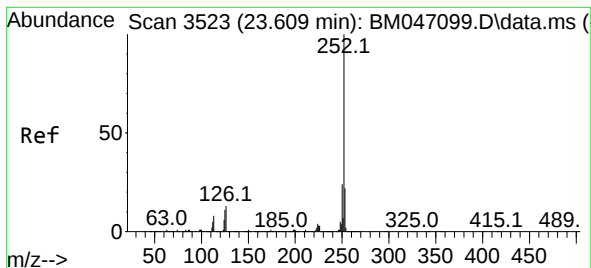


#91
Benzo(k)fluoranthene
Concen: 2.645 ng/ul m
RT: 22.944 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM047110.D
Acq: 09 Aug 2024 07:31



Tgt Ion:252 Resp: 233333
Ion Ratio Lower Upper
252 100
253 23.9 17.0 25.6
125 10.5 6.9 10.3#





#93

Benzo(a)pyrene

Concen: 6.055 ng/ul

RT: 23.609 min Scan# 3

Delta R.T. -0.000 min

Lab File: BM047110.D

Acq: 09 Aug 2024 07:31

Instrument :

BNA_M

ClientSampleId :

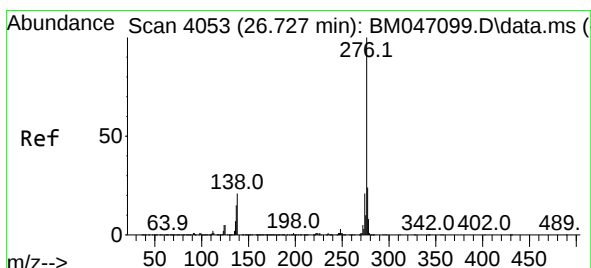
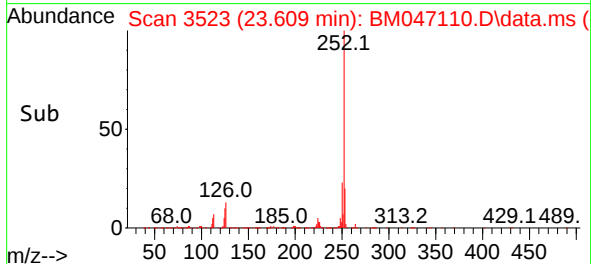
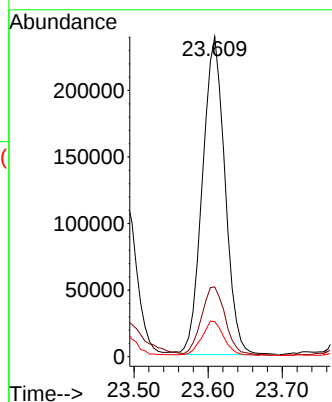
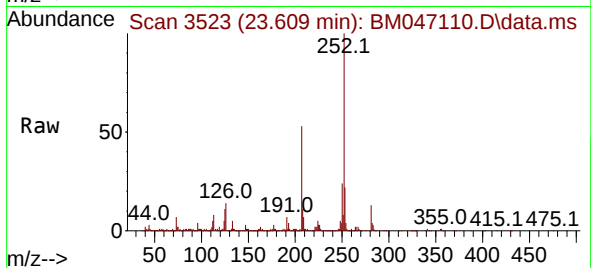
E05W0

Tgt Ion:	252	Resp:	503619
Ion Ratio	Lower	Upper	
252	100		
253	21.8	18.2	27.2
125	11.0	8.1	12.1

Manual Integrations

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#94

Indeno(1,2,3-cd)pyrene

Concen: 2.786 ng/ul

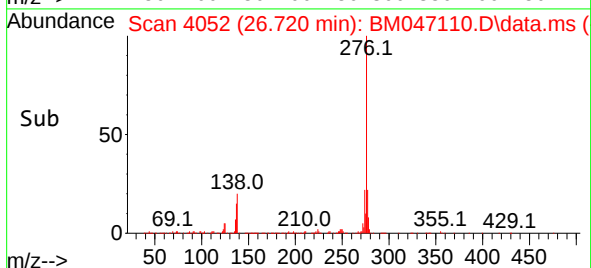
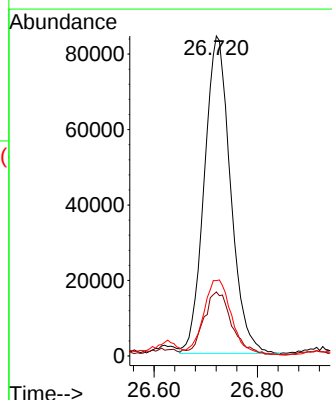
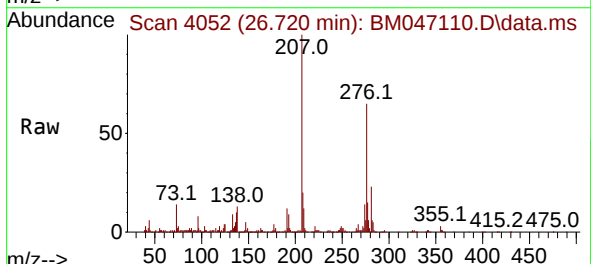
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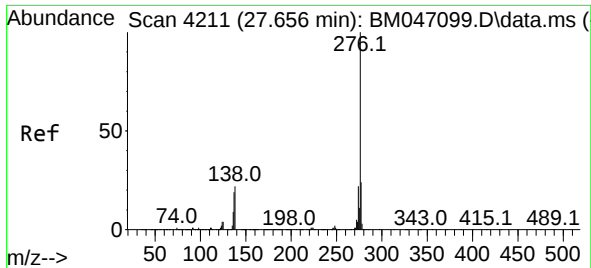
Delta R.T. -0.006 min

Lab File: BM047110.D

Acq: 09 Aug 2024 07:31

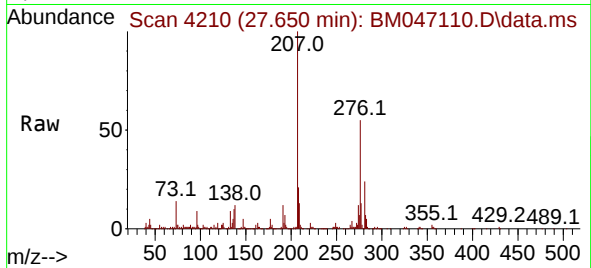
Tgt Ion:	276	Resp:	296864
Ion Ratio	Lower	Upper	
276	100		
138	20.0	14.7	22.1
277	23.6	19.3	28.9





#96
 Benzo(g,h,i)perylene
 Concen: 3.191 ng/ul
 RT: 27.650 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM047110.D
 Acq: 09 Aug 2024 07:31

Instrument :
 BNA_M
 ClientSampleId :
 E05W0



Tgt Ion:276 Resp: 268670
 Ion Ratio Lower Upper
 276 100
 138 21.3 14.7 22.1
 277 23.0 18.6 27.8

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