

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
 Data File : BM047439.D
 Acq On : 04 Sep 2024 15:23
 Operator : RC/JU
 Sample : P3825-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DN-W-01(B-1)

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/06/2024

Quant Time: Sep 04 16:02:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 26 18:11:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.340	152	201952	20.000	ng	-0.01
21) Naphthalene-d8	10.098	136	697575	20.000	ng	0.00
39) Acenaphthene-d10	14.004	164	456832	20.000	ng	0.00
64) Phenanthrene-d10	16.774	188	899590	20.000	ng	0.00
76) Chrysene-d12	21.021	240	797446	20.000	ng	0.00
86) Perylene-d12	23.727	264	912939	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	1306444	124.113	ng	0.00
7) Phenol-d6	6.581	99	1604307	111.880	ng	0.01
23) Nitrobenzene-d5	8.493	82	1019892	81.123	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	675097	122.486	ng	0.00
45) 2-Fluorobiphenyl	12.610	172	2511643	84.476	ng	0.00
79) Terphenyl-d14	19.439	244	3435880	76.691	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	16.816	178	231194	5.292	ng	100
75) Fluoranthene	18.857	202	622900	12.143	ng	100
78) Pyrene	19.221	202	618004	10.104	ng	99
81) Benzo(a)anthracene	21.003	228	337245	6.485	ng	95
83) Chrysene	21.062	228	373543	7.636	ng	96
84) Bis(2-ethylhexyl)phtha...	20.951	149	478599	14.148	ng	99
87) Indeno(1,2,3-cd)pyrene	26.744	276	273577	4.787	ng	96
88) Benzo(b)fluoranthene	22.880	252	508420	9.546	ng	# 95
89) Benzo(k)fluoranthene	22.933	252	202963m	4.020	ng	
90) Benzo(a)pyrene	23.603	252	337381	7.325	ng	96
92) Benzo(g,h,i)perylene	27.680	276	277776	5.771	ng	98

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

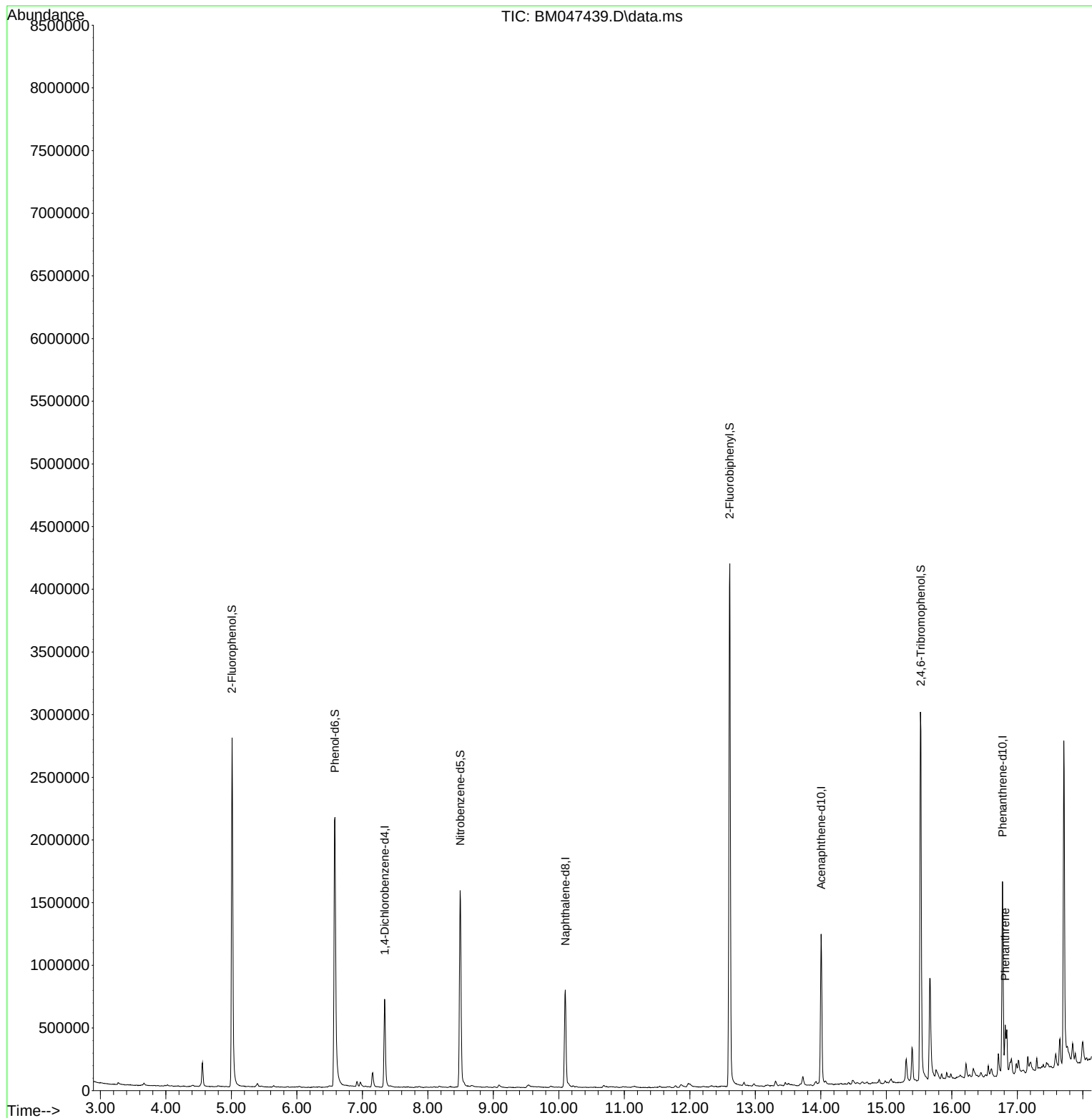
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090424\
Data File : BM047439.D
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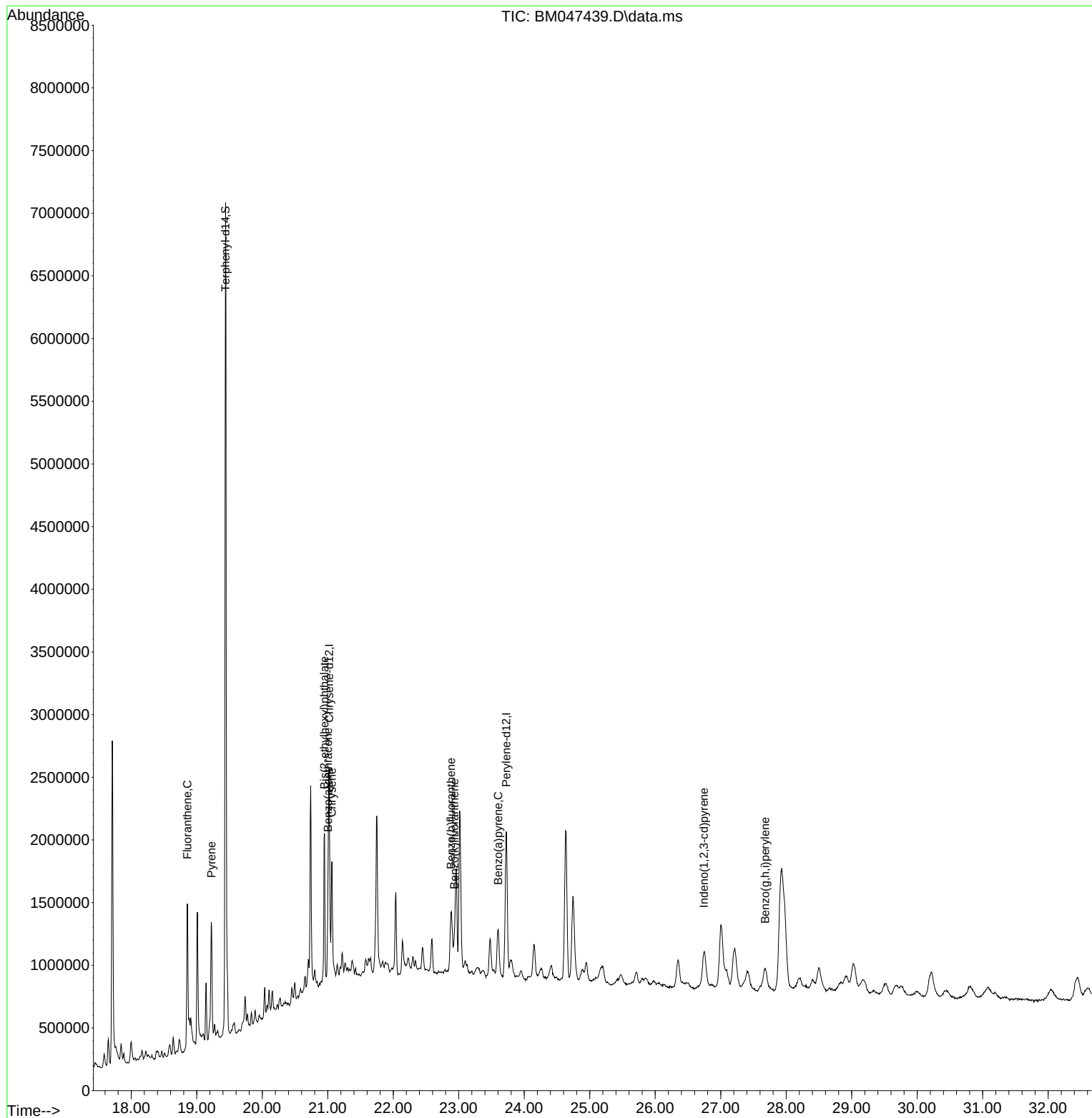
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Data File : BM047439.D
Acq On : 04 Sep 2024 15:23
Operator : RC/JU
Sample : P3825-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

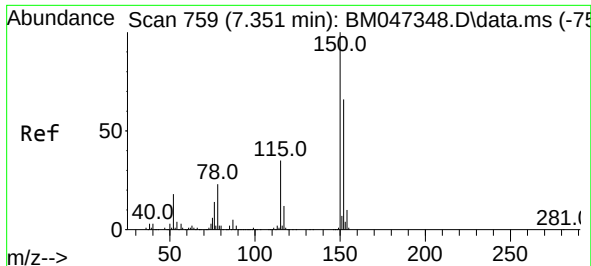
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)

Quant Time: Sep 04 16:02:07 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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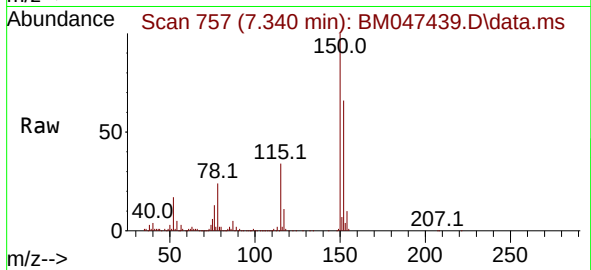
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.340 min Scan# 71
Delta R.T. -0.011 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)

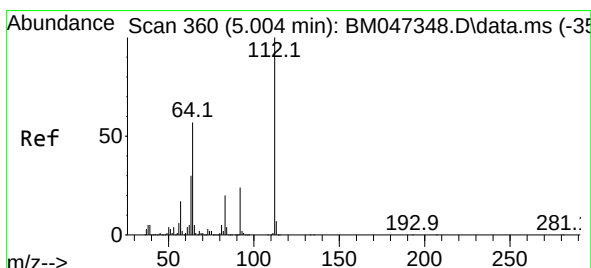
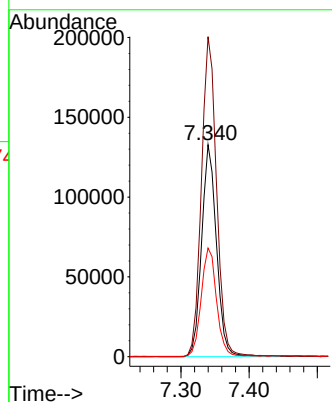
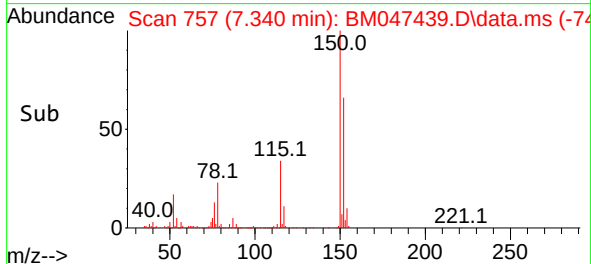


Tgt Ion:152 Resp: 201952
Ion Ratio Lower Upper
152 100
150 151.0 121.3 181.9
115 51.3 42.6 64.0

Manual Integrations

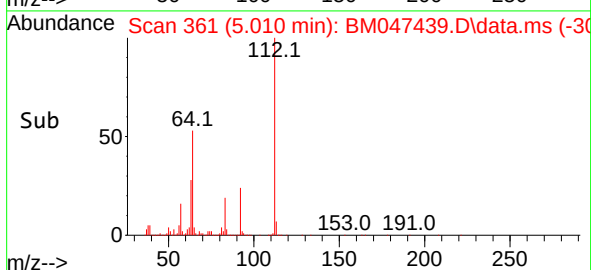
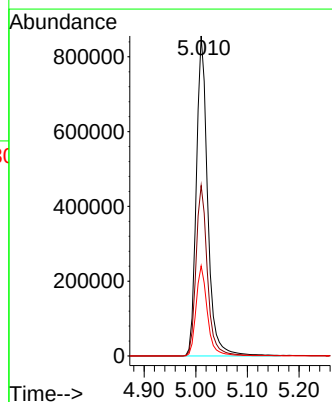
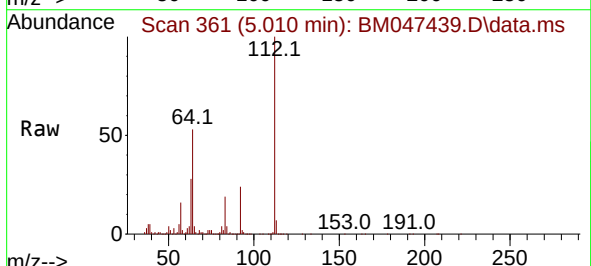
APPROVED

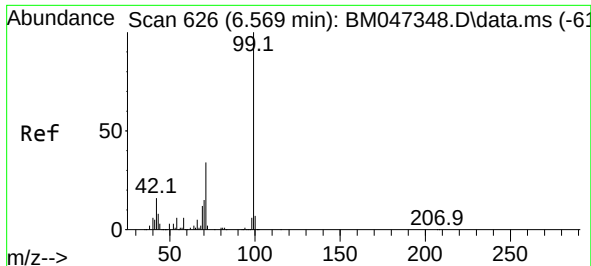
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024



#5
2-Fluorophenol
Concen: 124.113 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

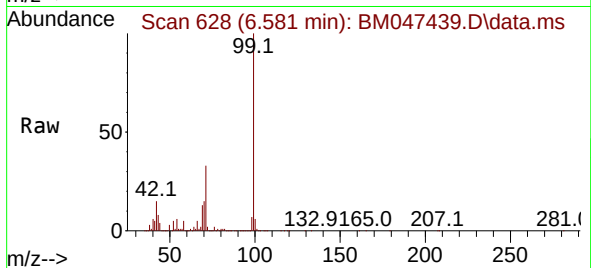
Tgt Ion:112 Resp: 1306444
Ion Ratio Lower Upper
112 100
64 53.3 45.7 68.5
63 28.2 23.8 35.8





#7
Phenol-d6
Concen: 111.880 ng
RT: 6.581 min Scan# 61
Delta R.T. 0.012 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

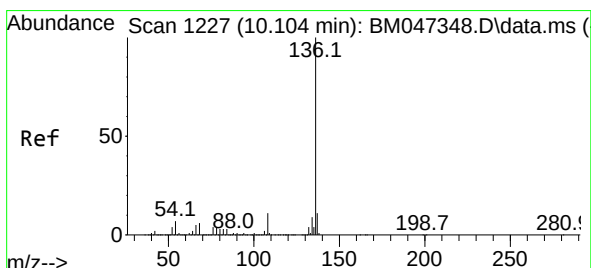
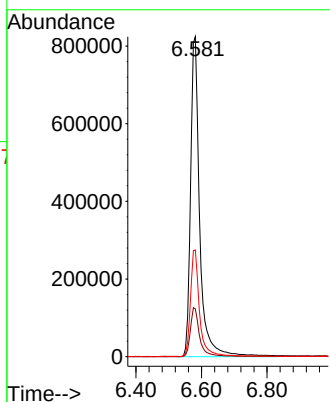
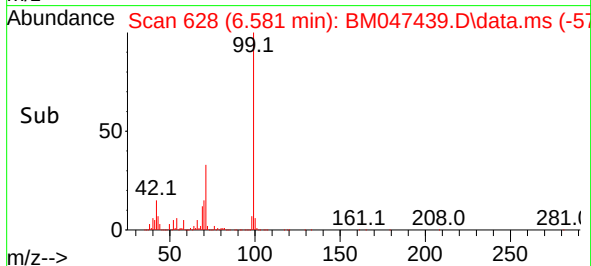
Instrument :
BNA_M
ClientSampleId :
DN-W-01(B-1)



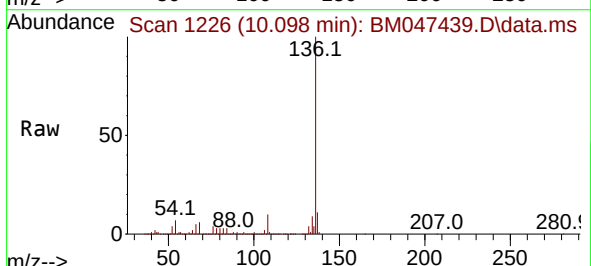
Tgt Ion: 99 Resp: 160430
Ion Ratio Lower Upper
99 100
42 15.0 13.0 19.4
71 33.3 27.5 41.3

Manual Integrations
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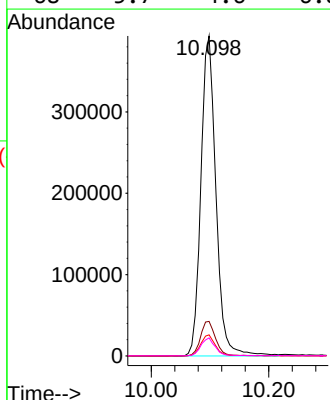
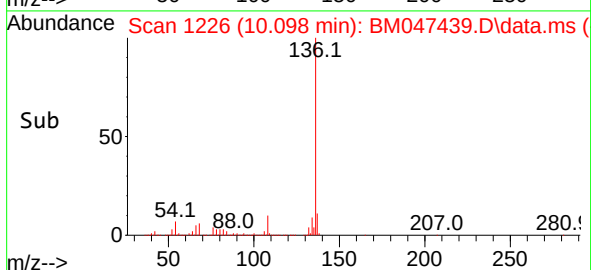
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

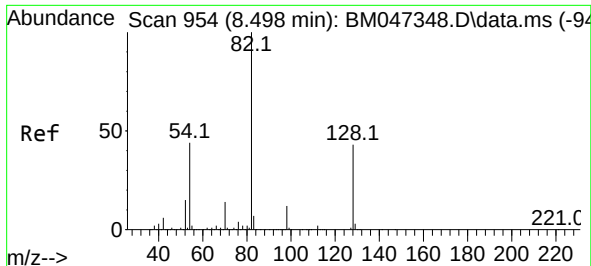


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.098 min Scan# 1226
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:136 Resp: 697575
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 6.6 5.2 7.8
68 5.7 4.6 6.8





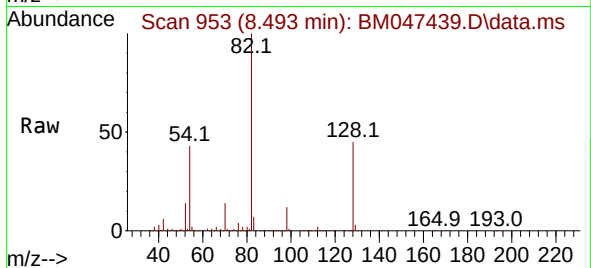
#23
Nitrobenzene-d5
Concen: 81.123 ng
RT: 8.493 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)

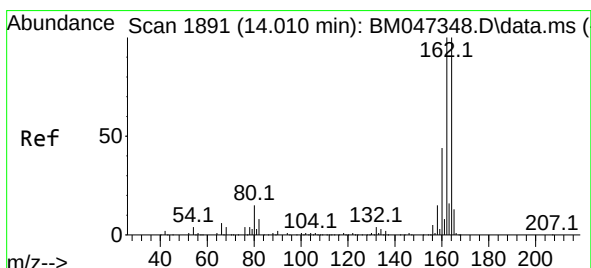
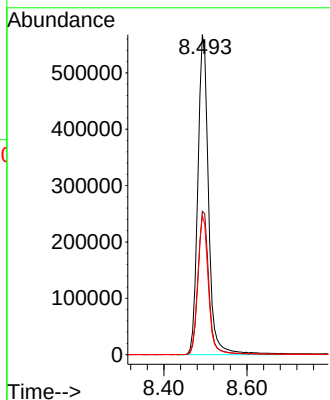
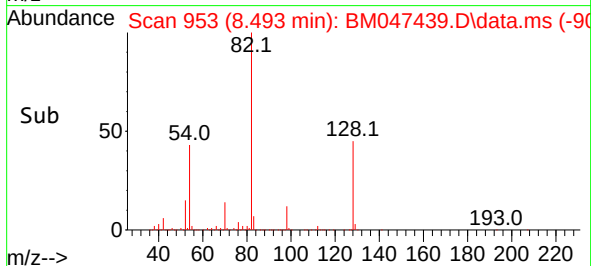


Tgt Ion: 82 Resp: 101989
Ion Ratio Lower Upper
82 100
128 44.8 34.6 51.8
54 43.4 35.5 53.3

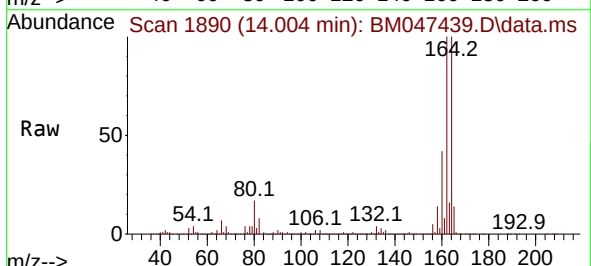
Manual Integrations

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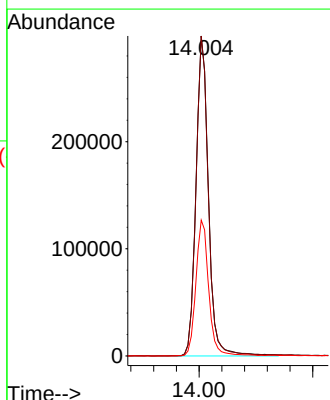
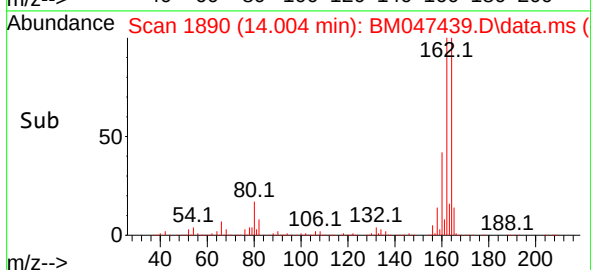
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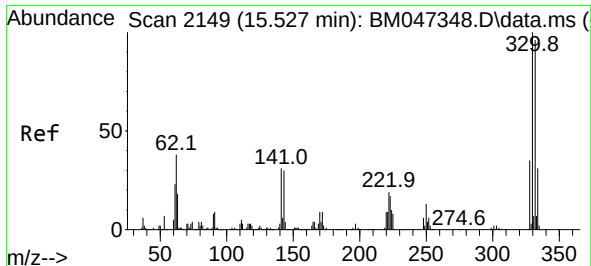


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.004 min Scan# 1890
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:164 Resp: 456832
Ion Ratio Lower Upper
164 100
162 99.9 79.7 119.5
160 42.4 34.9 52.3





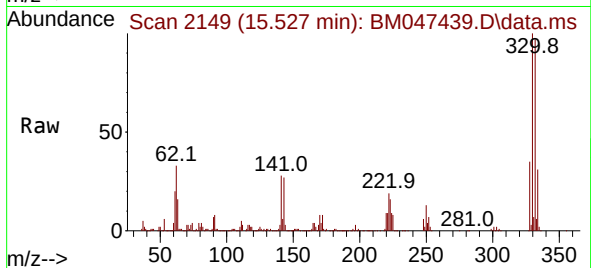
#42
2,4,6-Tribromophenol
Concen: 122.486 ng
RT: 15.527 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

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DN-W-01(B-1)

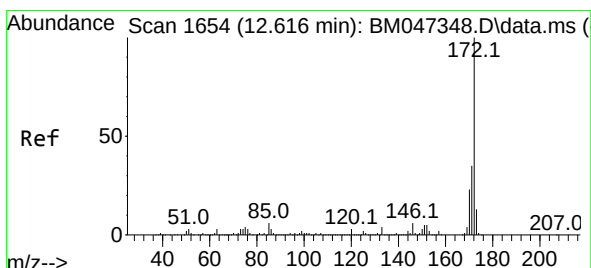
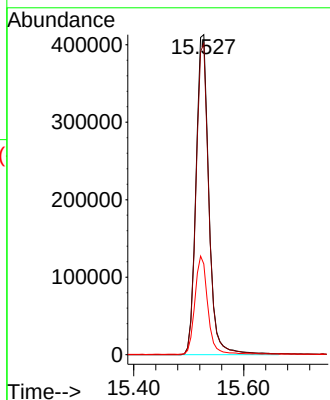
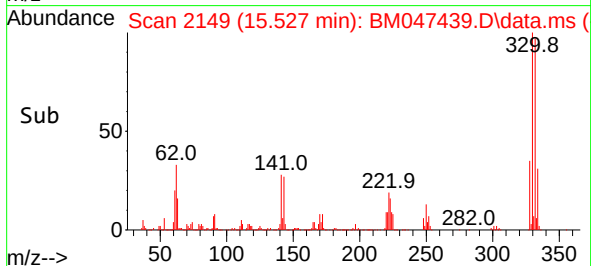


Tgt Ion:330 Resp: 67509
Ion Ratio Lower Upper
330 100
332 96.7 77.2 115.8
141 30.5 27.6 41.4

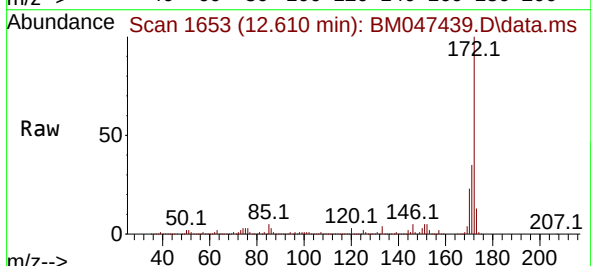
Manual Integrations

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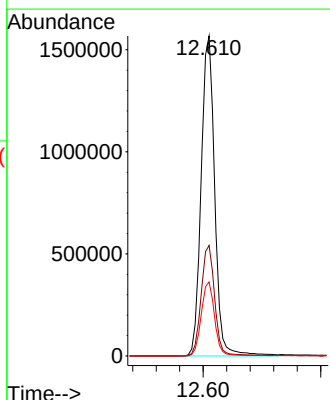
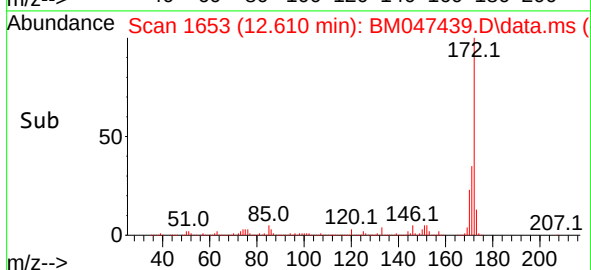
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

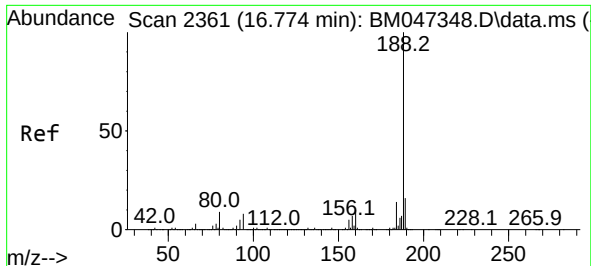


#45
2-Fluorobiphenyl
Concen: 84.476 ng
RT: 12.610 min Scan# 1653
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:172 Resp: 2511643
Ion Ratio Lower Upper
172 100
171 34.6 27.8 41.6
170 23.2 18.5 27.7





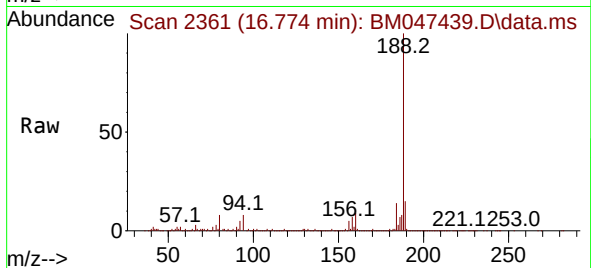
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.774 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)

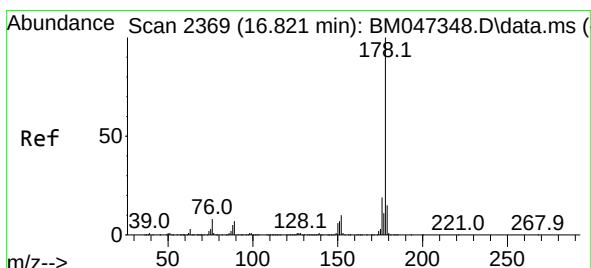
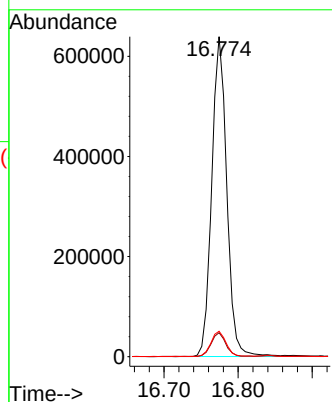
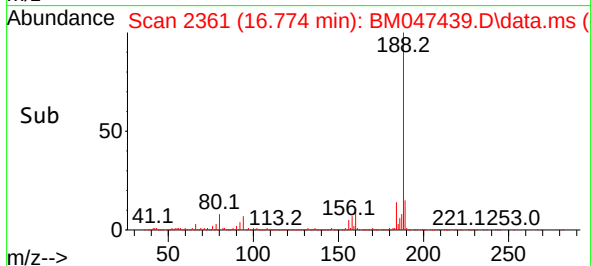


Tgt Ion:188 Resp: 899590
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.0 7.4 11.2

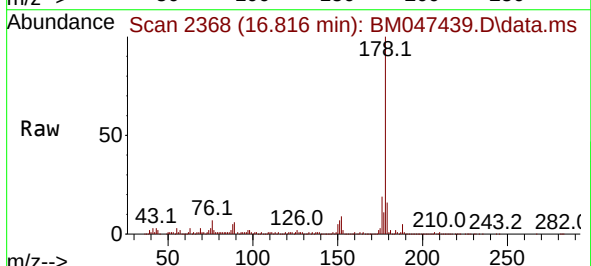
Manual Integrations

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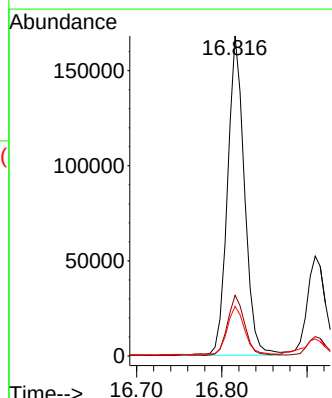
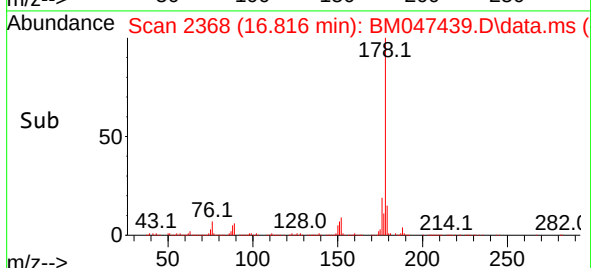
Reviewed By :Jagrut Upadhyay 09/05/2024
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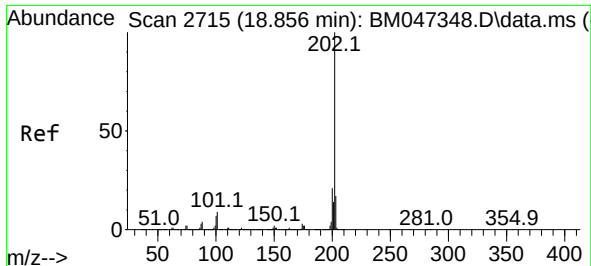


#71
Phenanthrene
Concen: 5.292 ng
RT: 16.816 min Scan# 2368
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:178 Resp: 231194
Ion Ratio Lower Upper
178 100
176 18.9 15.2 22.8
179 15.5 12.2 18.4





#75
Fluoranthene
Concen: 12.143 ng
RT: 18.857 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

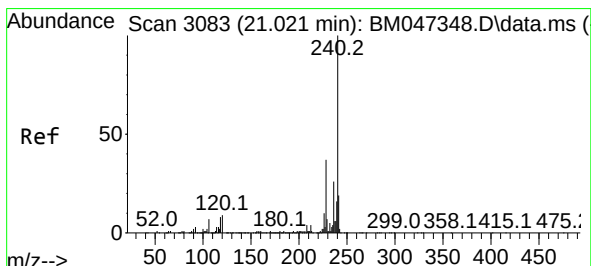
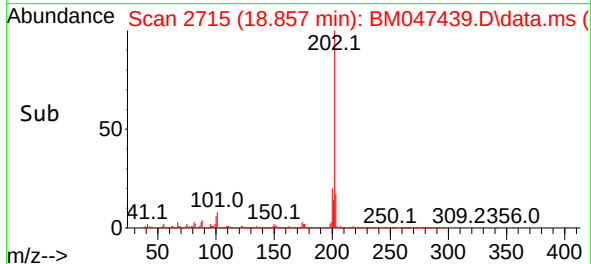
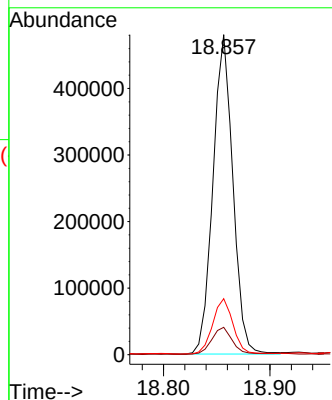
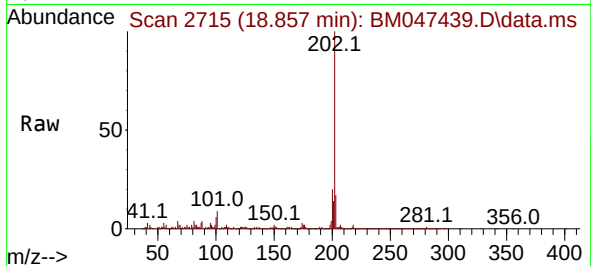
DN-W-01(B-1)

Tgt Ion:202 Resp: 622900
Ion Ratio Lower Upper
202 100
101 8.5 0.0 29.0
203 17.5 0.0 37.5

Manual Integrations

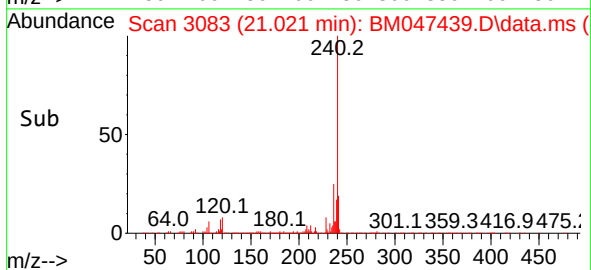
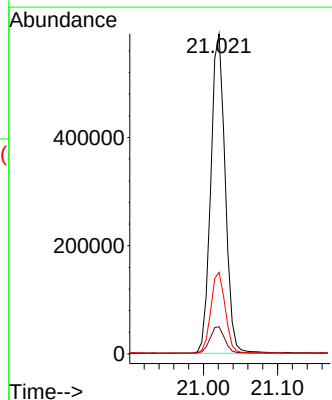
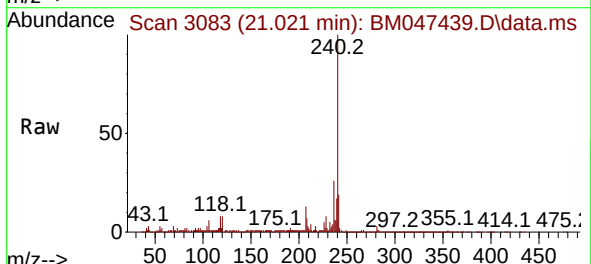
APPROVED

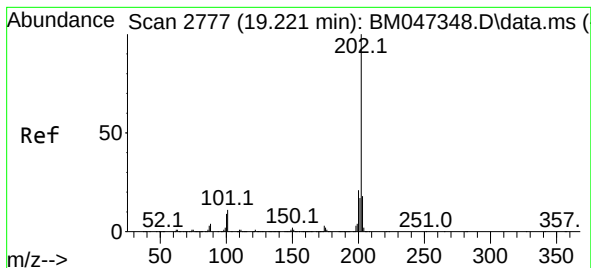
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Tgt Ion:240 Resp: 797446
Ion Ratio Lower Upper
240 100
120 8.5 7.4 11.0
236 25.5 20.8 31.2





#78

Pyrene

Concen: 10.104 ng

RT: 19.221 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

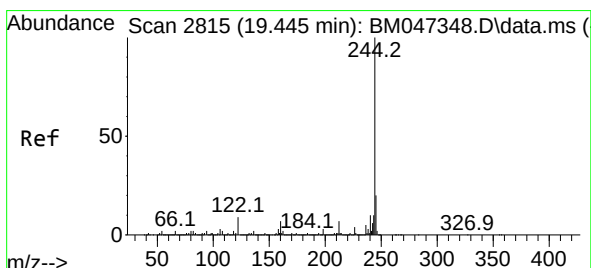
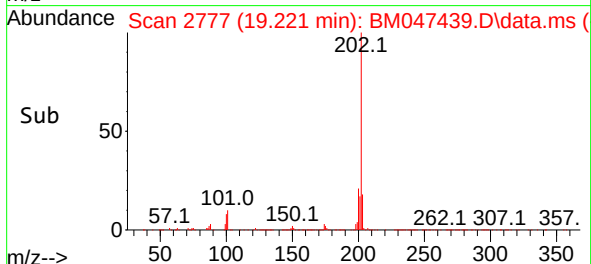
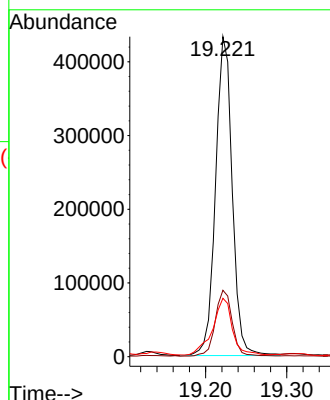
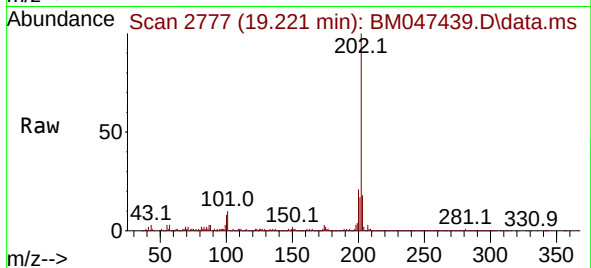
DN-W-01(B-1)

Tgt Ion:	202	Resp:	618004
Ion Ratio	Lower	Upper	
202	100		
200	20.8	16.7	25.1
203	18.2	14.2	21.4

Manual Integrations

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#79

Terphenyl-d14

Concen: 76.691 ng

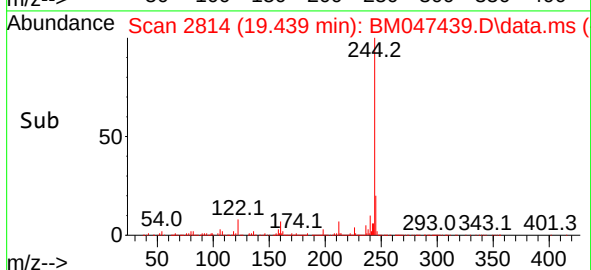
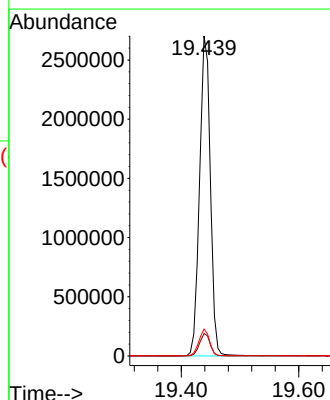
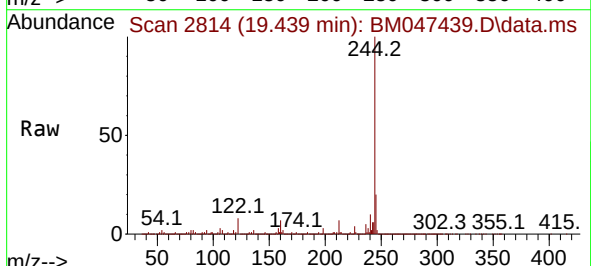
RT: 19.439 min Scan# 2814

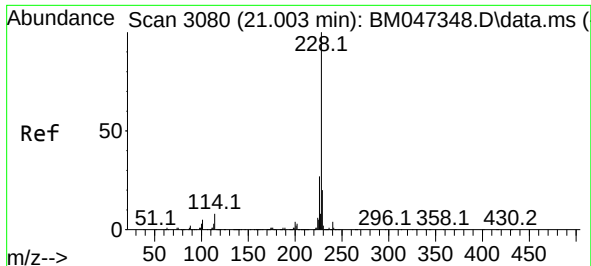
Delta R.T. -0.006 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Tgt Ion:	244	Resp:	3435880
Ion Ratio	Lower	Upper	
244	100		
212	7.0	6.0	9.0
122	8.4	7.0	10.4





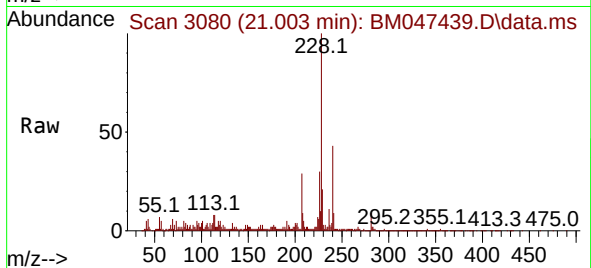
#81
Benzo(a)anthracene
Concen: 6.485 ng
RT: 21.003 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)

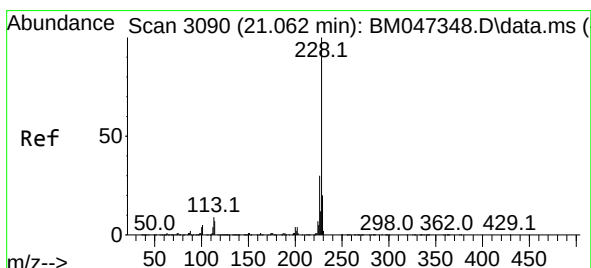
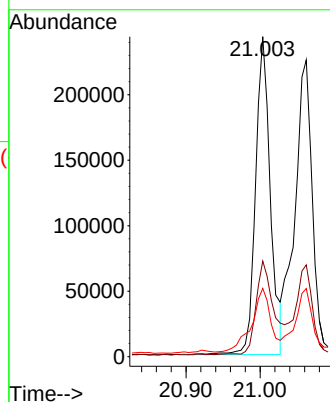
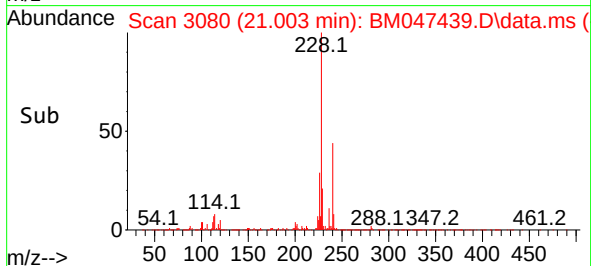


Tgt Ion:228 Resp: 337249
Ion Ratio Lower Upper
228 100
226 29.9 21.4 32.0
229 21.4 15.8 23.8

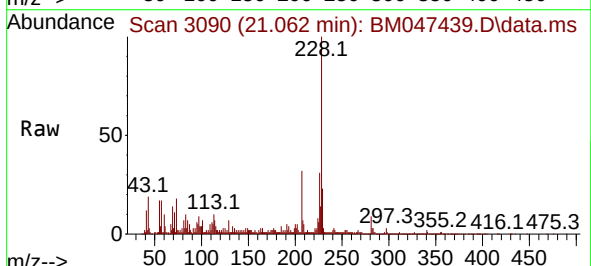
Manual Integrations

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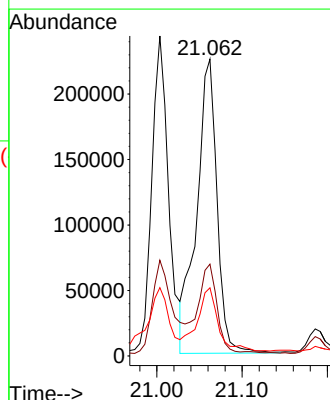
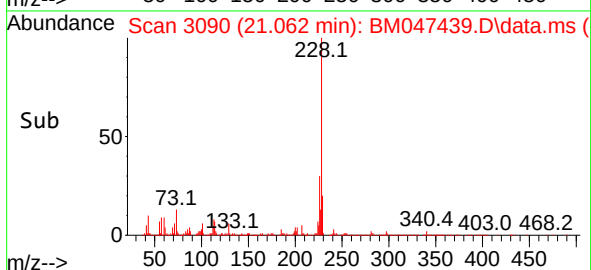
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

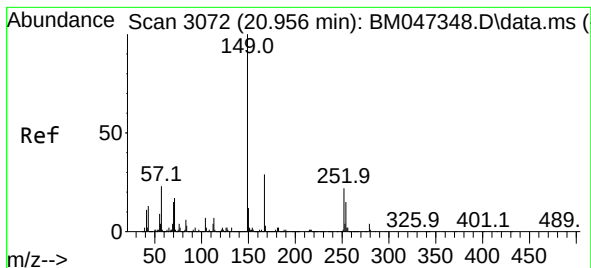


#83
Chrysene
Concen: 7.636 ng
RT: 21.062 min Scan# 3090
Delta R.T. 0.000 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:228 Resp: 373543
Ion Ratio Lower Upper
228 100
226 30.9 24.0 36.0
229 23.0 15.9 23.9





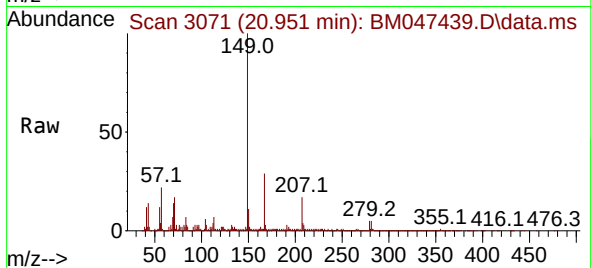
#84
Bis(2-ethylhexyl)phthalate
Concen: 14.148 ng
RT: 20.951 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)

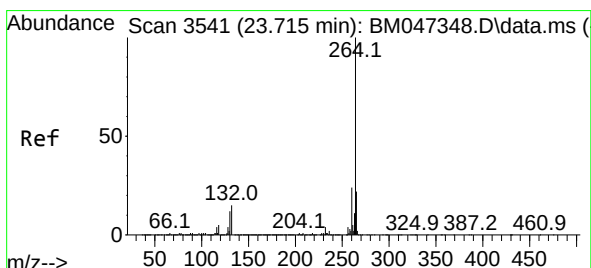
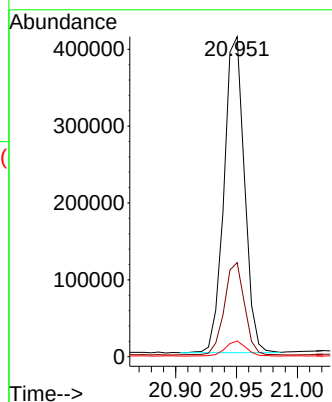
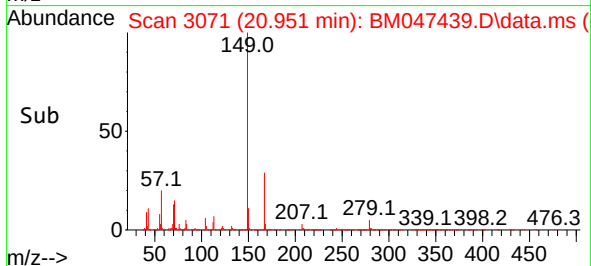


Tgt Ion:149 Resp: 478599
Ion Ratio Lower Upper
149 100
167 29.4 23.1 34.7
279 4.9 3.3 4.9

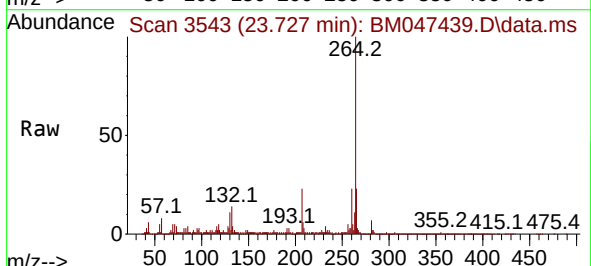
Manual Integrations

APPROVED

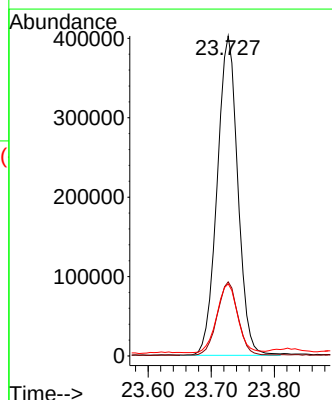
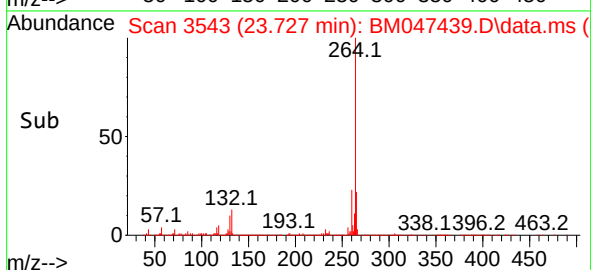
Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024

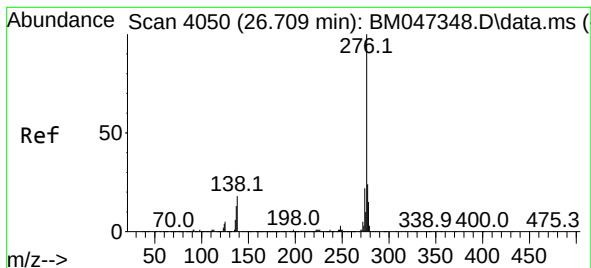


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047439.D
Acq: 04 Sep 2024 15:23



Tgt Ion:264 Resp: 912939
Ion Ratio Lower Upper
264 100
260 23.1 19.0 28.4
265 22.5 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.787 ng

RT: 26.744 min Scan# 4056

Delta R.T. 0.035 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

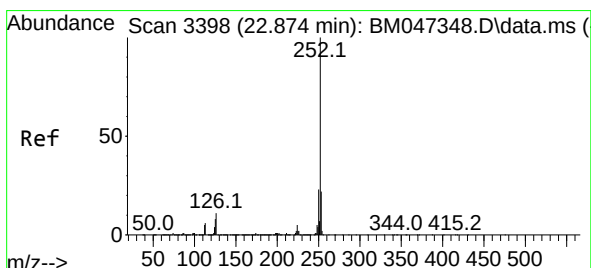
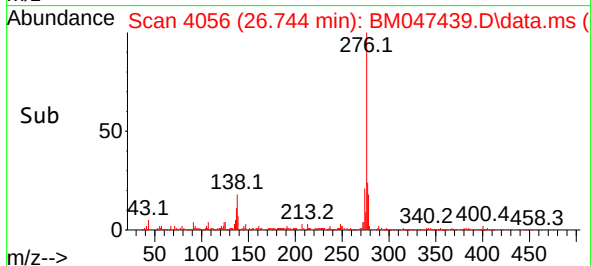
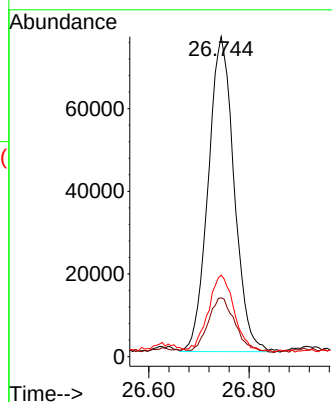
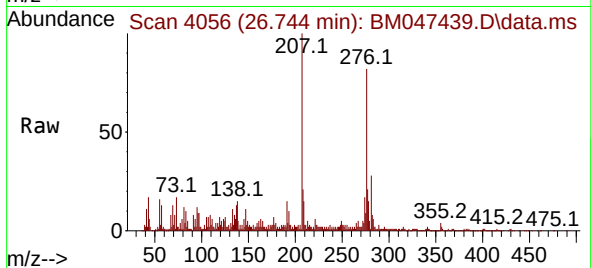
DN-W-01(B-1)

Tgt Ion:	276	Resp:	27357
Ion Ratio	Lower	Upper	
276	100		
138	18.3	17.7	26.5
277	24.6	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
Supervised By :mohammad ahmed 09/06/2024



#88

Benzo(b)fluoranthene

Concen: 9.546 ng

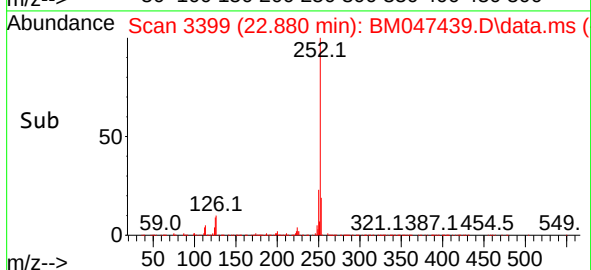
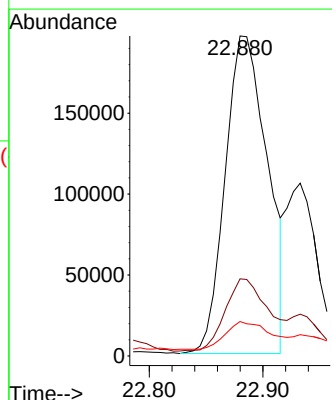
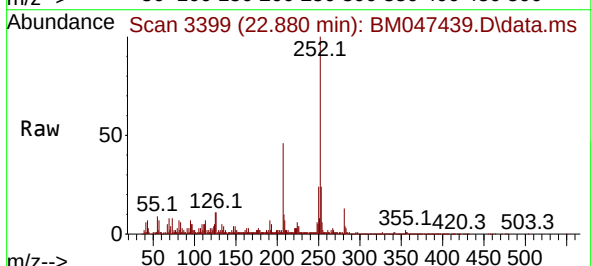
RT: 22.880 min Scan# 3399

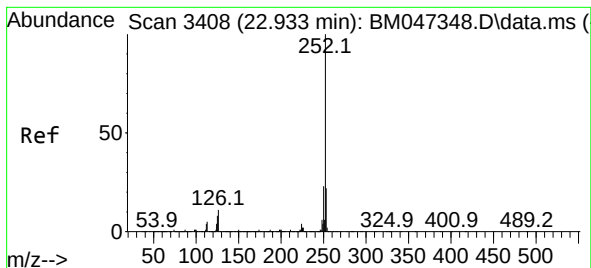
Delta R.T. 0.006 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Tgt Ion:	252	Resp:	508420
Ion Ratio	Lower	Upper	
252	100		
253	24.1	17.8	26.6
125	10.8	6.6	10.0





#89

Benzo(k)fluoranthene

Concen: 4.020 ng m

RT: 22.933 min Scan# 3408

Delta R.T. 0.000 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

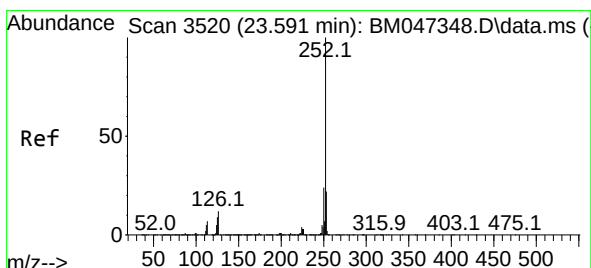
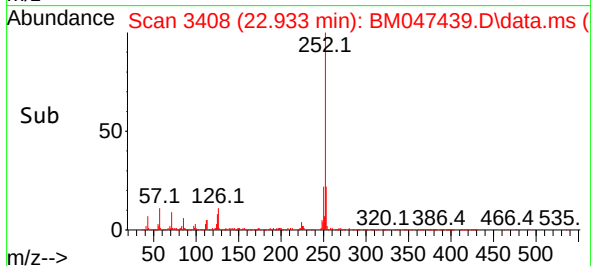
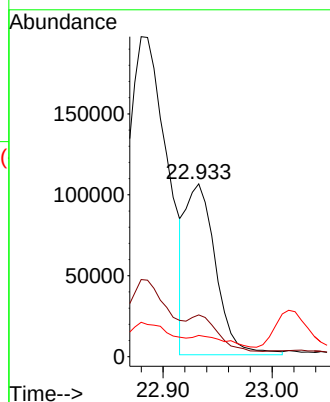
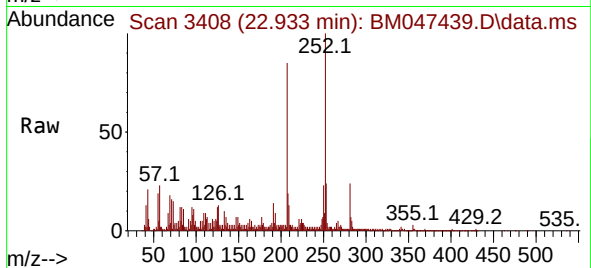
DN-W-01(B-1)

Tgt Ion:252 Resp: 20296
 Ion Ratio Lower Upper
 252 100
 253 24.2 17.5 26.3
 125 12.3 6.6 9.8

Manual Integrations

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Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/06/2024



#90

Benzo(a)pyrene

Concen: 7.325 ng

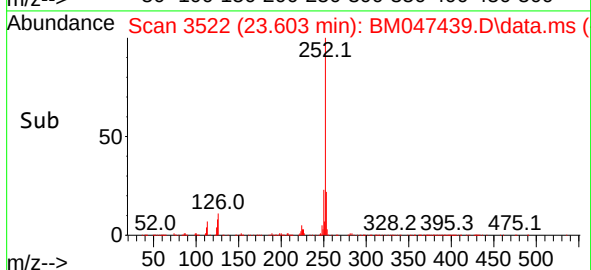
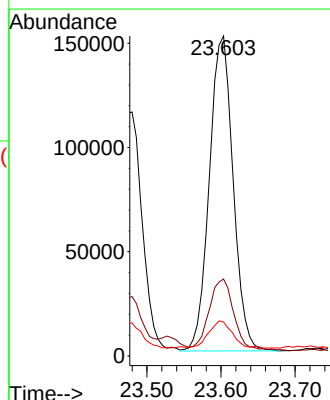
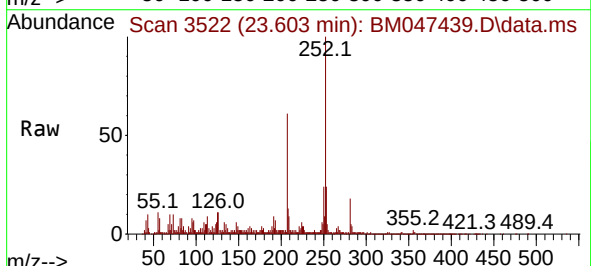
RT: 23.603 min Scan# 3522

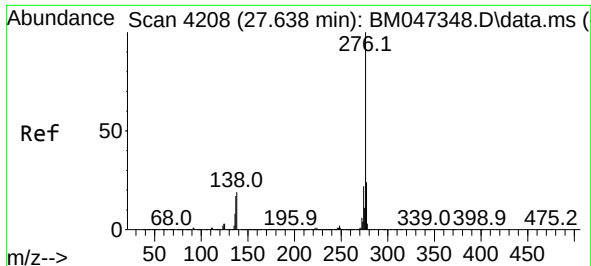
Delta R.T. 0.012 min

Lab File: BM047439.D

Acq: 04 Sep 2024 15:23

Tgt Ion:252 Resp: 337381
 Ion Ratio Lower Upper
 252 100
 253 24.1 17.7 26.5
 125 10.6 7.4 11.2





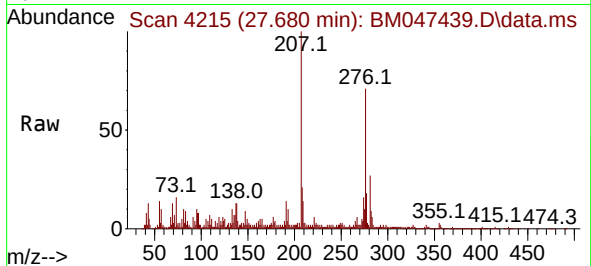
#92
 Benzo(g,h,i)perylene
 Concen: 5.771 ng
 RT: 27.680 min Scan# 41
 Delta R.T. 0.041 min
 Lab File: BM047439.D
 Acq: 04 Sep 2024 15:23

Instrument :

BNA_M

ClientSampleId :

DN-W-01(B-1)



Tgt Ion:276 Resp: 277776
 Ion Ratio Lower Upper
 276 100
 277 25.3 19.4 29.0
 138 18.5 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/05/2024
 Supervised By :mohammad ahmed 09/06/2024

