

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047059.D
 Acq On : 07 Aug 2024 16:02
 Operator : RC/JU
 Sample : P3378-08
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0B10

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/08/2024
 Supervised By :mohammad ahmed 08/30/2024

Quant Time: Aug 07 16:37:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 07 04:48:25 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	289786	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1149986	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	754098	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1616612	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	1452663	20.000	ng/u1	-0.01
88) Perylene-d12	23.750	264	1620857	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	26012	3.556	ng/uL	0.00
4) Pyridine-d5	3.416	84	148384	7.437	ng/u1	0.00
7) Phenol-d5	6.598	99	277153	12.590	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	422329	29.157	ng/u1	0.00
11) 2-Chlorophenol-d4	6.934	132	533652	28.618	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	431261	24.730	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	266832	28.916	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	301455	29.914	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	554915	28.681	ng/u1	0.00
31) 4-Chloroaniline-d4	10.298	131	478774	18.828	ng/u1	0.00
46) Dimethylphthalate-d6	13.474	166	1644208	28.516	ng/u1	0.00
49) Acenaphthylene-d8	13.733	160	1855955	28.837	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	83815	7.518	ng/u1	0.00
60) Fluorene-d10	15.057	176	1410070	28.588	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	237099	23.214	ng/u1	0.00
73) Anthracene-d10	16.910	188	2246831	29.318	ng/u1	0.00
81) Pyrene-d10	19.221	212	2547573	30.636	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	2572146	30.137	ng/u1	0.00
Target Compounds					Qvalue	
30) Naphthalene	10.198	128	78976	1.297	ng/u1	99
37) 1-Methylnaphthalene	12.051	142	195766	4.549	ng/u1	100
52) Acenaphthene	14.116	153	2206685	45.031	ng/u1	98
56) Dibenzofuran	14.451	168	602271	8.757	ng/u1	94
61) Fluorene	15.110	166	1128788	19.899	ng/u1	97
72) Phenanthrene	16.851	178	92092	1.016	ng/u1	98
74) Anthracene	16.939	178	133826m	1.464	ng/u1	
77) Carbazole	17.221	167	227069	2.680	ng/u1	99
80) Fluoranthene	18.880	202	655791	6.599	ng/u1	96
82) Pyrene	19.251	202	557241	5.262	ng/u1	97

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

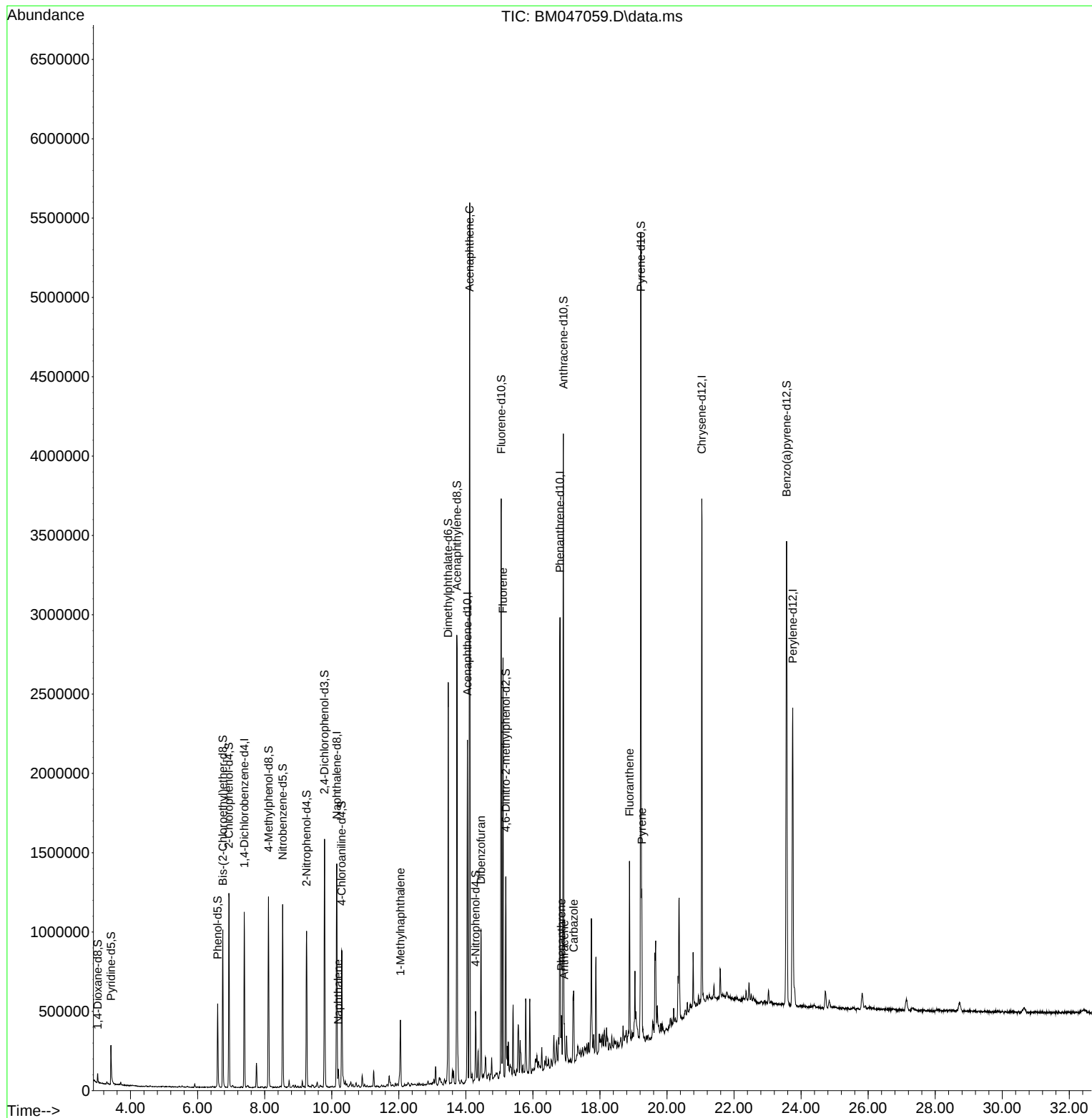
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047059.D
Acq On : 07 Aug 2024 16:02
Operator : RC/JU
Sample : P3378-08
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ALS Vial : 35 Sample Multiplier: 1

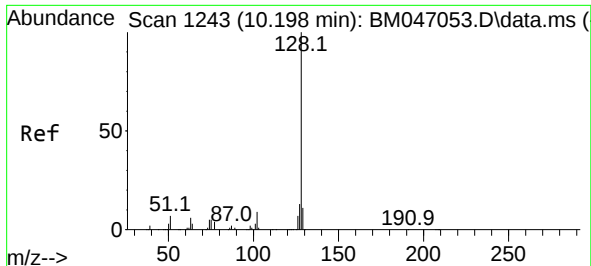
Instrument :
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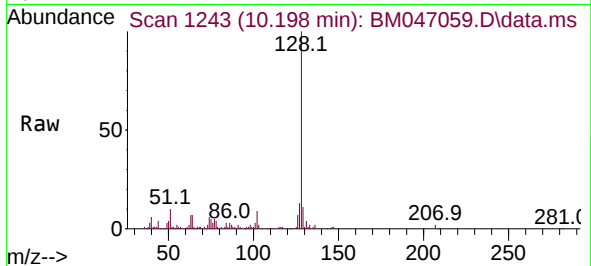
Quant Time: Aug 07 16:37:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 07 04:48:25 2024
Response via : Initial Calibration





#30
Naphthalene
Concen: 1.297 ng/ul
RT: 10.198 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

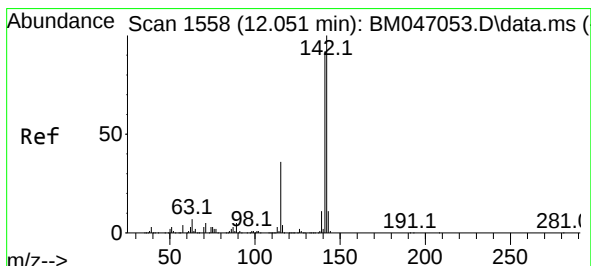
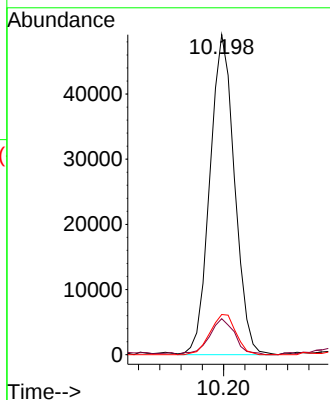
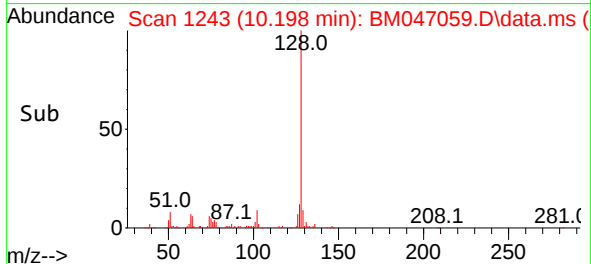
Instrument :
BNA_M
ClientSampleId :
C0B10



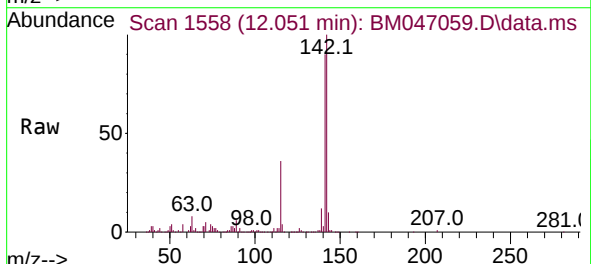
Tgt Ion:128 Resp: 78970
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.6 10.4 15.6

Manual Integrations
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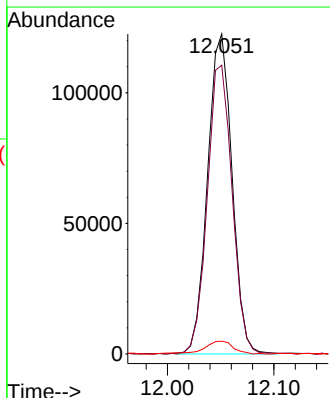
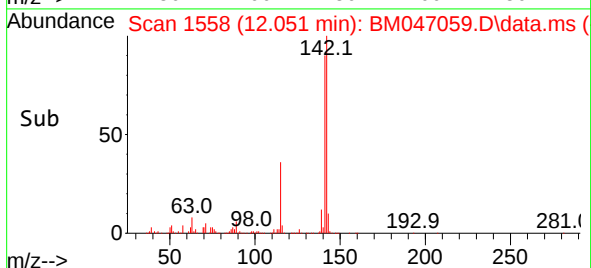
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024

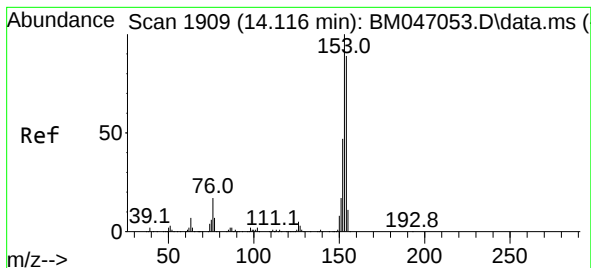


#37
1-Methylnaphthalene
Concen: 4.549 ng/ul
RT: 12.051 min Scan# 1558
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02



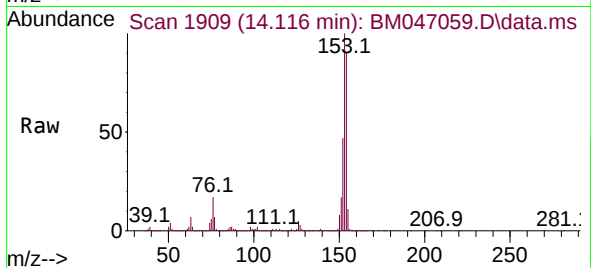
Tgt Ion:142 Resp: 195766
Ion Ratio Lower Upper
142 100
141 90.3 72.0 108.0
116 4.0 3.6 5.4





#52
Acenaphthene
Concen: 45.031 ng/ul
RT: 14.116 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

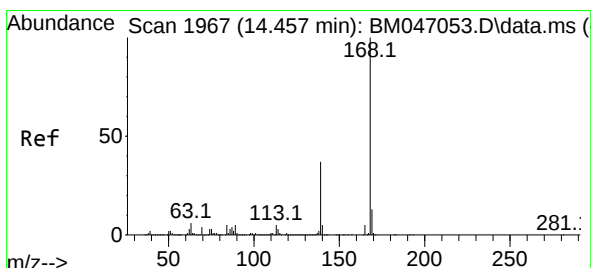
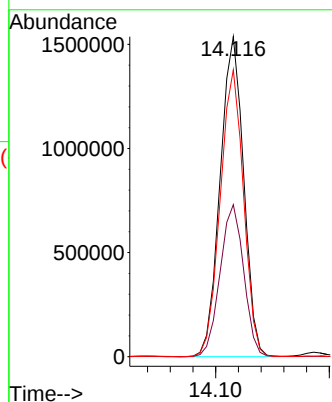
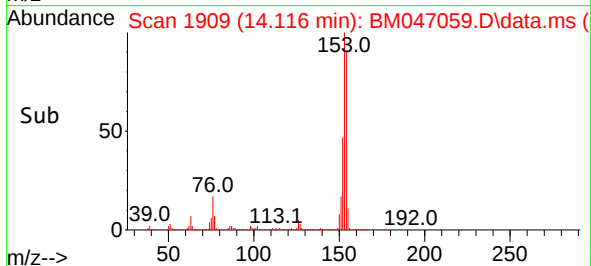
Instrument :
BNA_M
ClientSampleId :
C0B10



Tgt Ion:153 Resp: 220668
Ion Ratio Lower Upper
153 100
152 47.5 38.2 57.2
154 89.6 70.1 105.1

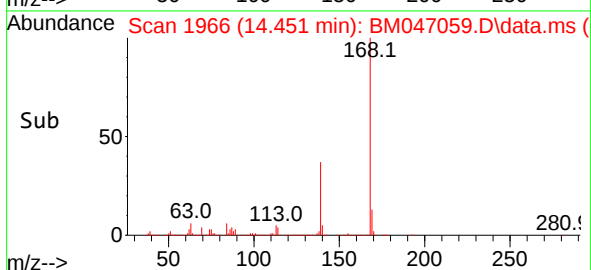
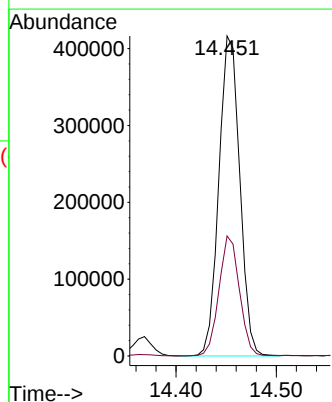
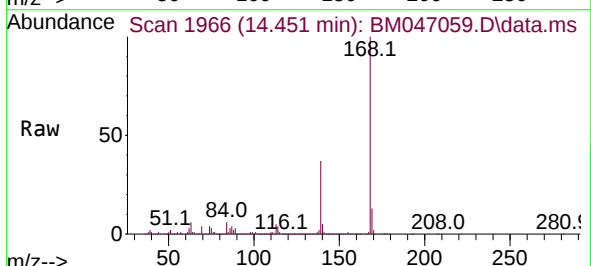
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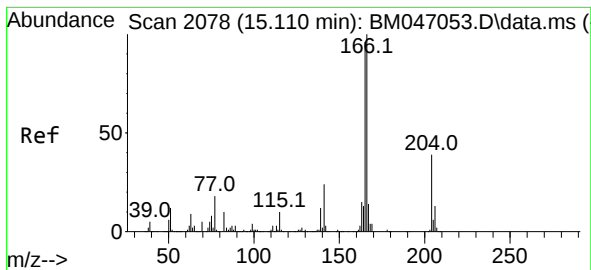
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024



#56
Dibenzofuran
Concen: 8.757 ng/ul
RT: 14.451 min Scan# 1966
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

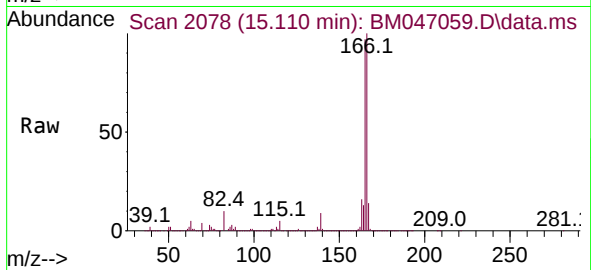
Tgt Ion:168 Resp: 602271
Ion Ratio Lower Upper
168 100
139 37.5 33.0 49.4





#61
Fluorene
Concen: 19.899 ng/ul
RT: 15.110 min Scan# 2078
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

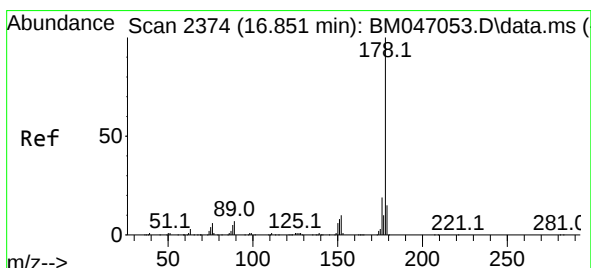
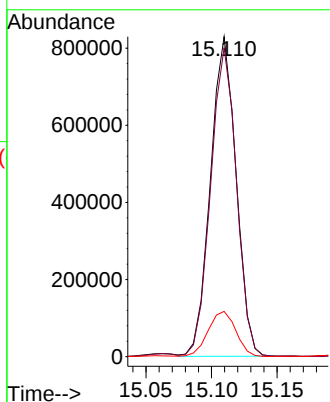
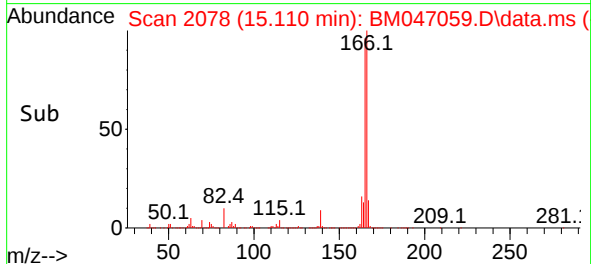
Instrument :
BNA_M
ClientSampleId :
C0B10



Tgt Ion:166 Resp: 112878
Ion Ratio Lower Upper
166 100
165 96.5 79.5 119.3
167 14.2 11.5 17.3

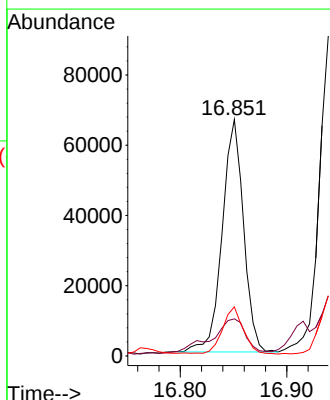
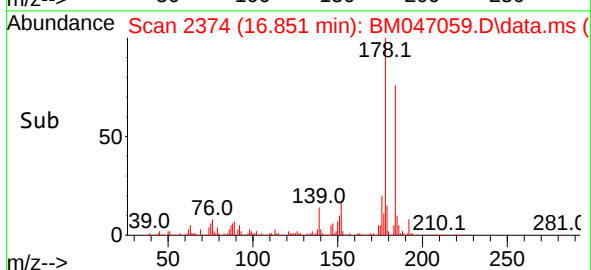
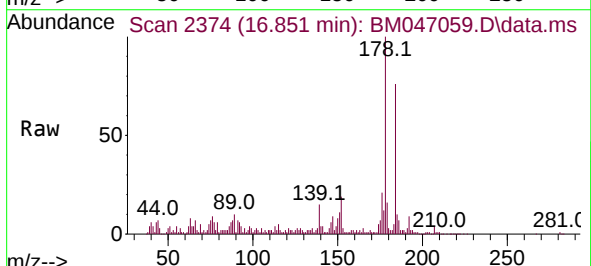
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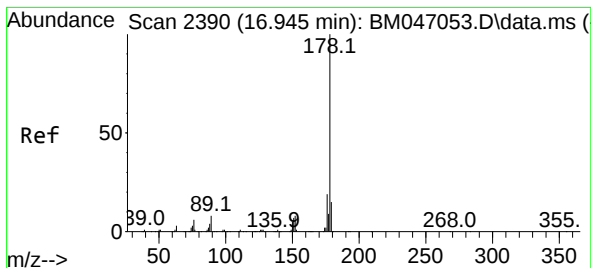
Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024



#72
Phenanthrene
Concen: 1.016 ng/ul
RT: 16.851 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

Tgt Ion:178 Resp: 92092
Ion Ratio Lower Upper
178 100
179 15.7 12.3 18.5
176 20.8 15.3 22.9





#74

Anthracene

Concen: 1.464 ng/ul m

RT: 16.939 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047059.D

Acq: 07 Aug 2024 16:02

Instrument :

BNA_M

ClientSampleId :

C0B10

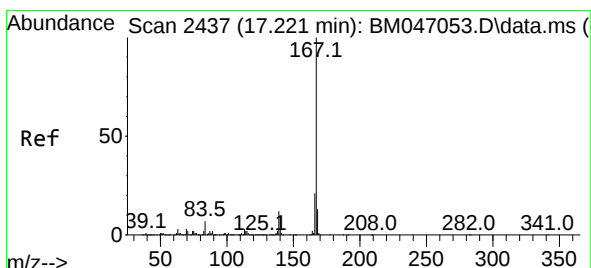
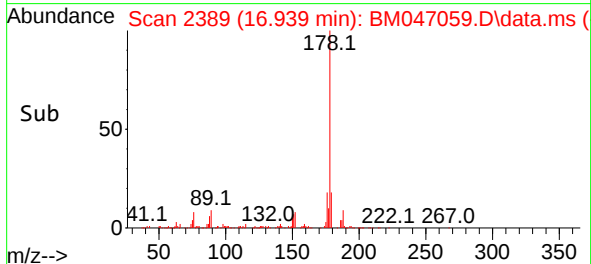
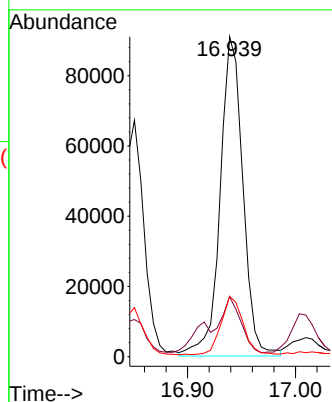
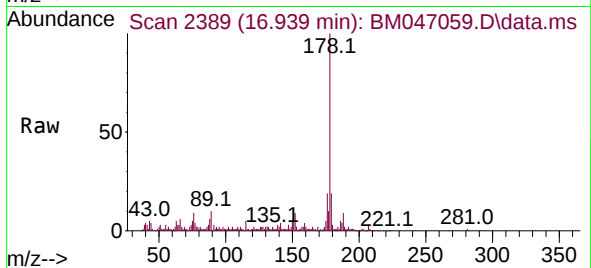
Tgt Ion:178 Resp: 133820
 Ion Ratio Lower Upper
 178 100
 179 18.8 12.2 18.2
 176 18.9 14.6 22.0

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#77

Carbazole

Concen: 2.680 ng/ul

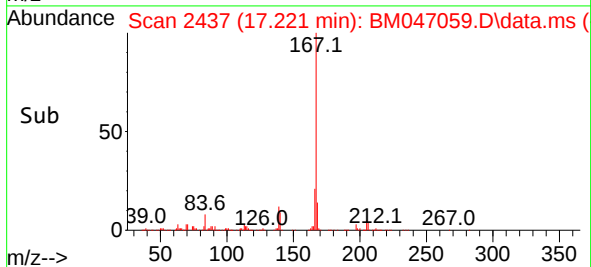
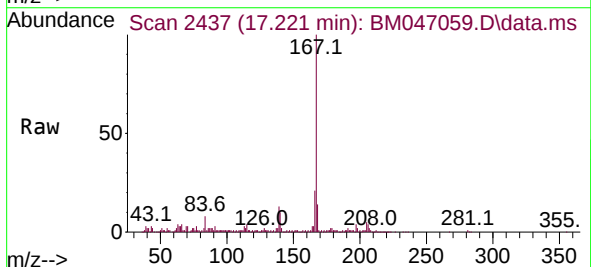
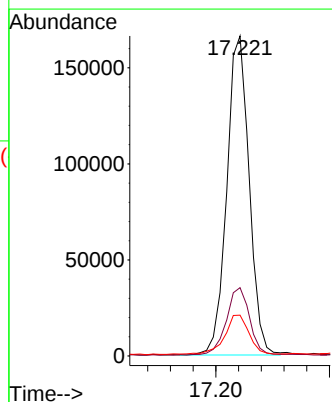
RT: 17.221 min Scan# 2437

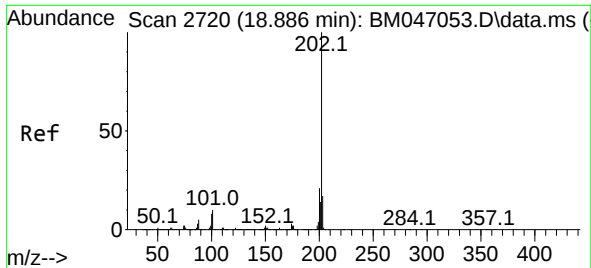
Delta R.T. -0.006 min

Lab File: BM047059.D

Acq: 07 Aug 2024 16:02

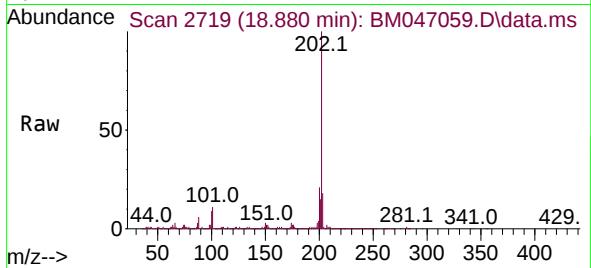
Tgt Ion:167 Resp: 227069
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.8 10.6 16.0





#80
Fluoranthene
Concen: 6.599 ng/u1
RT: 18.880 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02

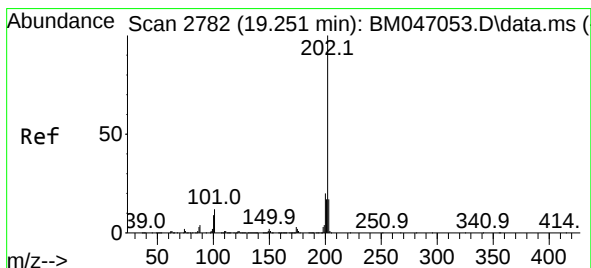
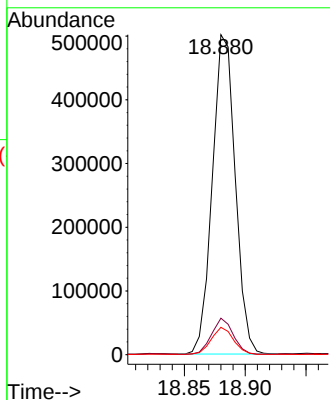
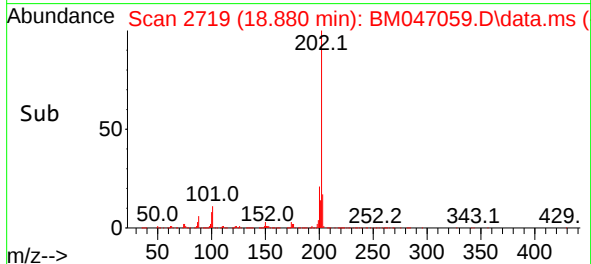
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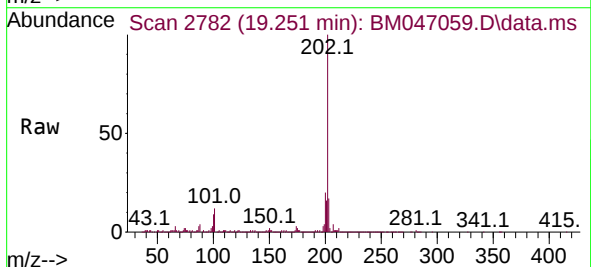
Tgt Ion:202 Resp: 65579
Ion Ratio Lower Upper
202 100
101 11.4 7.8 11.6
100 8.5 5.9 8.9

Manual Integrations
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Reviewed By :Yogesh Patel 08/08/2024
Supervised By :mohammad ahmed 08/30/2024



#82
Pyrene
Concen: 5.262 ng/u1
RT: 19.251 min Scan# 2782
Delta R.T. -0.006 min
Lab File: BM047059.D
Acq: 07 Aug 2024 16:02



Tgt Ion:202 Resp: 557241
Ion Ratio Lower Upper
202 100
101 12.0 8.7 13.1
100 9.4 6.8 10.2

