

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047023.D
 Acq On : 06 Aug 2024 12:56
 Operator : RC/JU
 Sample : P3329-06DL 5X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E08DL

Quant Time: Aug 07 01:28:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.392	152	183585	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	703654	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	453337	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.809	188	968176	20.000	ng/u1	0.00
79) Chrysene-d12	21.050	240	909971	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1045603	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	3.422	84	32173	2.545	ng/u1	0.01
7) Phenol-d5	6.598	99	45887	3.290	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	31508	3.434	ng/u1	0.00
11) 2-Chlorophenol-d4	6.934	132	35146	2.975	ng/u1	0.00
15) 4-Methylphenol-d8	8.110	113	37242	3.371	ng/u1	0.00
21) Nitrobenzene-d5	8.539	128	17493	3.098	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	17278	2.802	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	35936	3.035	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	48952	3.146	ng/u1	0.00
46) Dimethylphthalate-d6	13.474	166	121268	3.499	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	134020	3.464	ng/u1	0.00
54) 4-Nitrophenol-d4	14.298	143	14496	2.163	ng/u1	0.00
60) Fluorene-d10	15.057	176	104369	3.520	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	8136	1.330	ng/u1	0.00
73) Anthracene-d10	16.909	188	165802	3.612	ng/u1	0.00
81) Pyrene-d10	19.221	212	191858	3.683	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	193005	3.505	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.622	94	107152	7.629	ng/u1	93
13) 2-Methylphenol	7.851	108	40449	3.781	ng/u1	95
18) 4-Methylphenol	8.175	108	128502	11.116	ng/u1	98
26) 2,4-Dimethylphenol	9.363	107	61576m	4.631	ng/u1	
30) Naphthalene	10.198	128	1386917	37.227	ng/u1	99
36) 2-Methylnaphthalene	11.827	142	238000	9.149	ng/u1	97
37) 1-Methylnaphthalene	12.051	142	103933	3.947	ng/u1	100
43) 1,1'-Biphenyl	12.868	154	55488	1.636	ng/u1	98
52) Acenaphthene	14.115	153	160410	5.445	ng/u1	98
56) Dibenzofuran	14.457	168	197325	4.773	ng/u1	95
61) Fluorene	15.110	166	196042	5.749	ng/u1	99
72) Phenanthrene	16.851	178	842115	15.516	ng/u1	99
74) Anthracene	16.945	178	571815	10.448	ng/u1	99
77) Carbazole	17.221	167	228509	4.504	ng/u1	99
80) Fluoranthene	18.886	202	479716	7.706	ng/u1	99
82) Pyrene	19.250	202	326312	4.919	ng/u1#	95
85) Benzo(a)anthracene	21.033	228	101314	1.524	ng/u1	100
87) Chrysene	21.086	228	111357	1.757	ng/u1	99

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

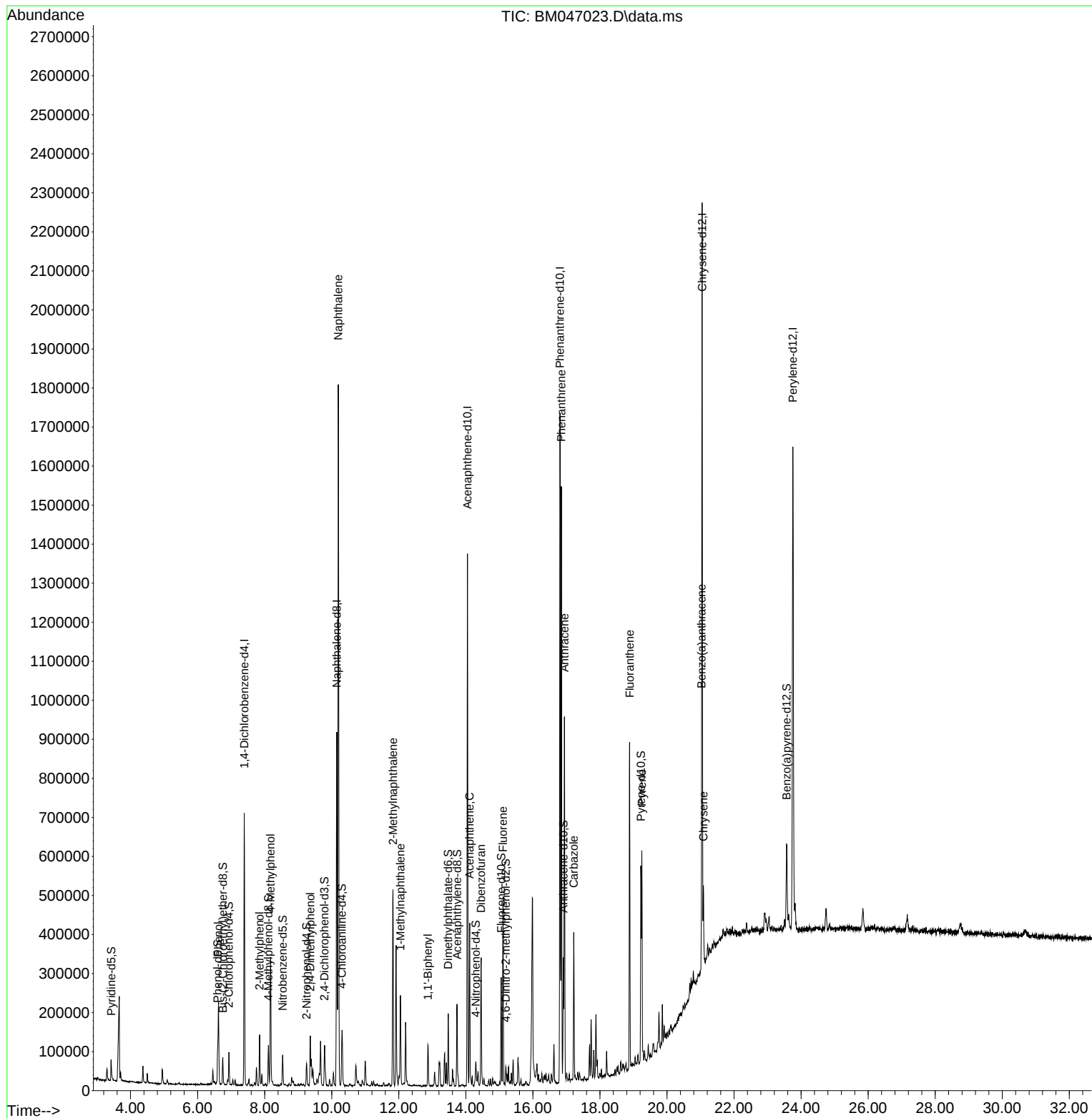
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
Data File : BM047023.D
Acq On : 06 Aug 2024 12:56
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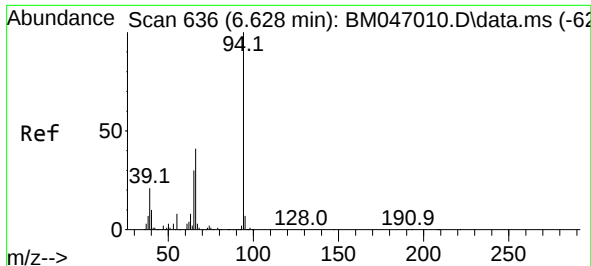
Instrument :
BNA_M
ClientSampleId :
F7E08DL

Quant Time: Aug 07 01:28:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION
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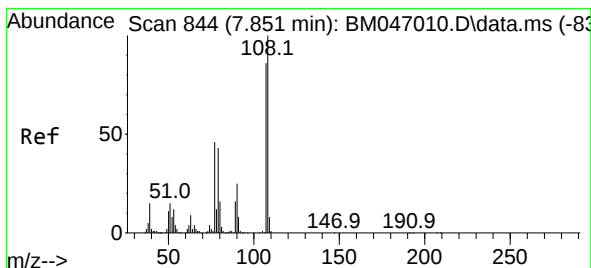
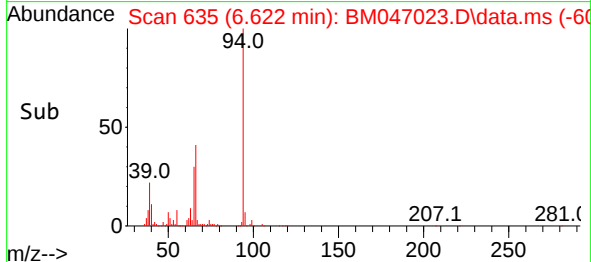
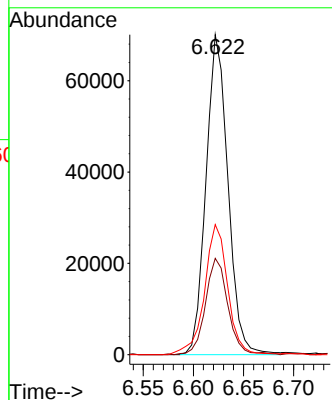
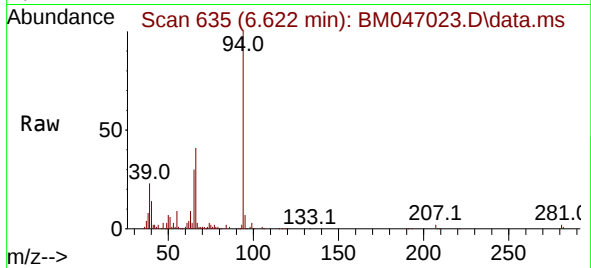
#8
Phenol
Concen: 7.629 ng/ul
RT: 6.622 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

Instrument :
BNA_M
ClientSampleId :
F7E08DL

Tgt Ion: 94 Resp: 10715
Ion Ratio Lower Upper
94 100
65 30.1 25.1 37.7
66 40.7 37.7 56.5

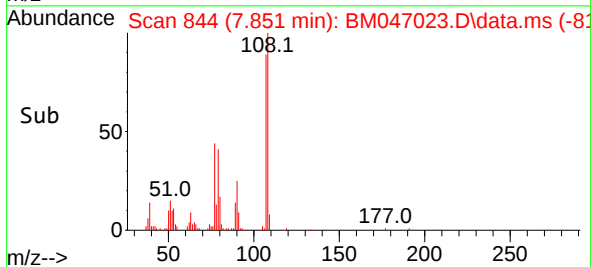
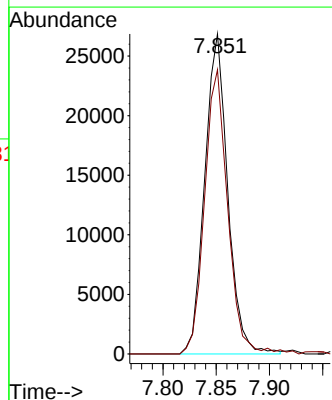
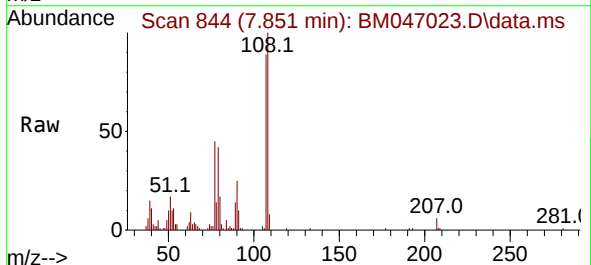
Manual Integrations
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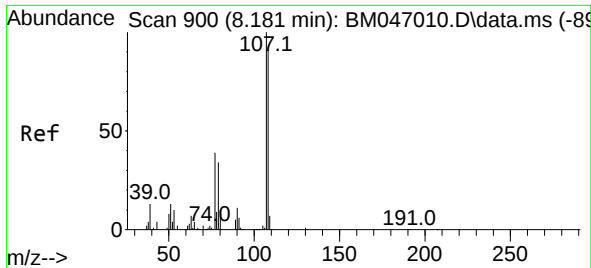
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#13
2-Methylphenol
Concen: 3.781 ng/ul
RT: 7.851 min Scan# 844
Delta R.T. -0.000 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

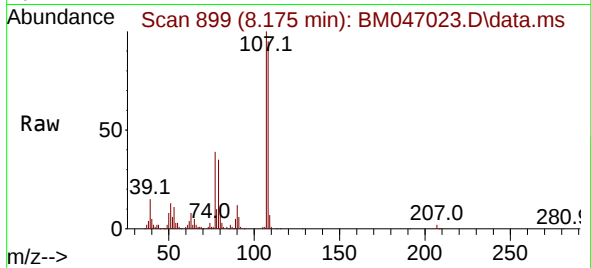
Tgt Ion:108 Resp: 40449
Ion Ratio Lower Upper
108 100
107 88.8 67.4 101.0





#18
4-Methylphenol
Concen: 11.116 ng/ul
RT: 8.175 min Scan# 899
Delta R.T. -0.006 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

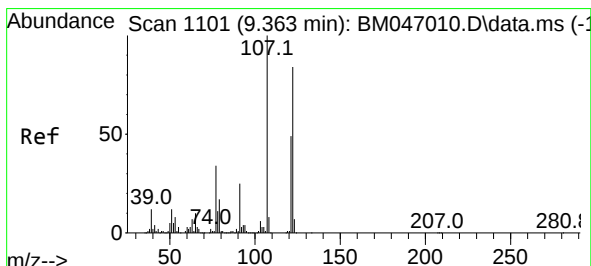
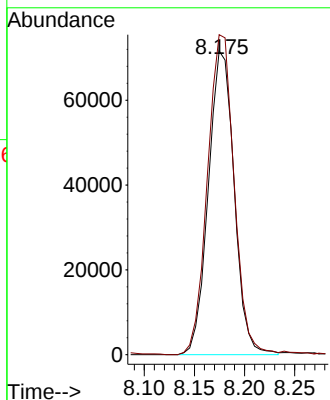
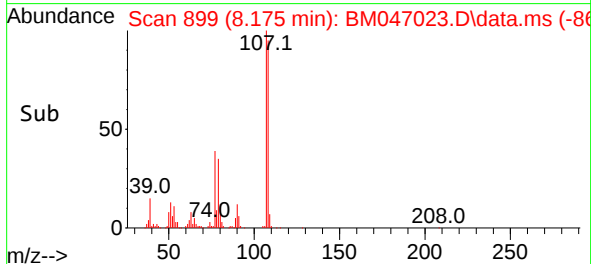
Instrument :
BNA_M
ClientSampleId :
F7E08DL



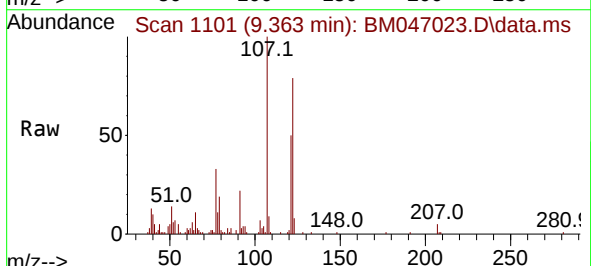
Tgt Ion:108 Resp: 128502
Ion Ratio Lower Upper
108 100
107 105.4 86.4 129.6

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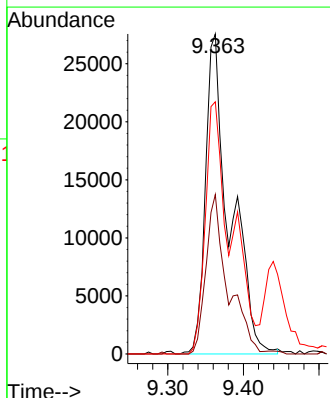
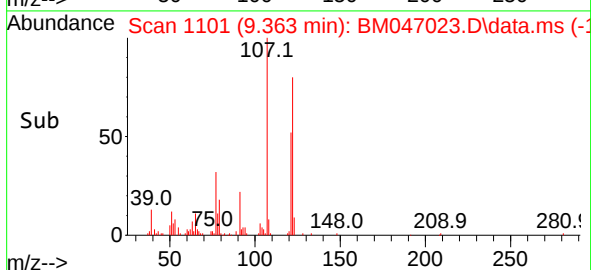
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024

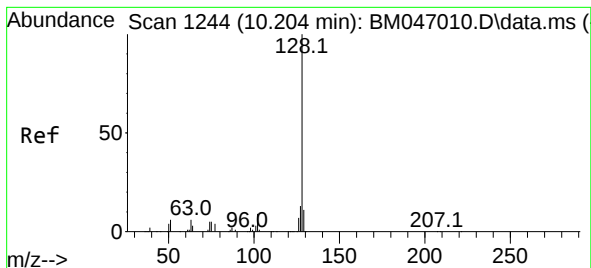


#26
2,4-Dimethylphenol
Concen: 4.631 ng/ul m
RT: 9.363 min Scan# 1101
Delta R.T. -0.000 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56



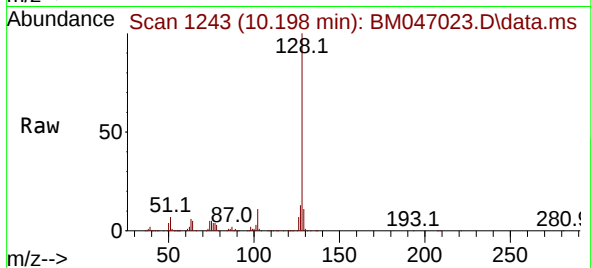
Tgt Ion:107 Resp: 61576
Ion Ratio Lower Upper
107 100
121 49.8 37.3 55.9
122 78.8 65.8 98.6





#30
Naphthalene
Concen: 37.227 ng/ul
RT: 10.198 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

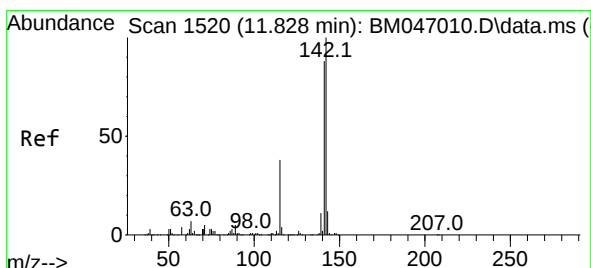
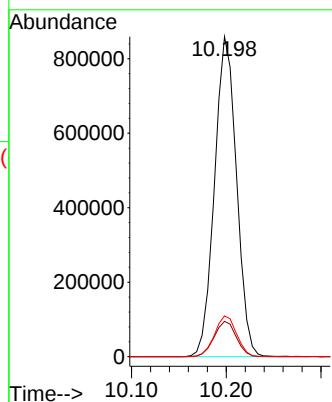
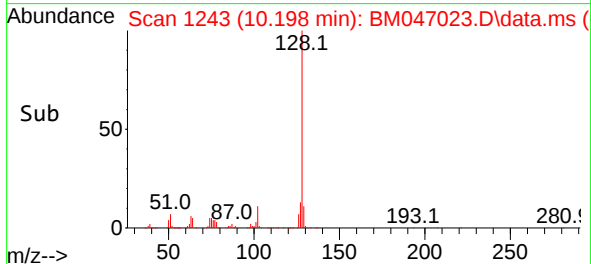
Instrument :
BNA_M
ClientSampleId :
F7E08DL



Tgt Ion:128 Resp: 138691
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.4 15.6

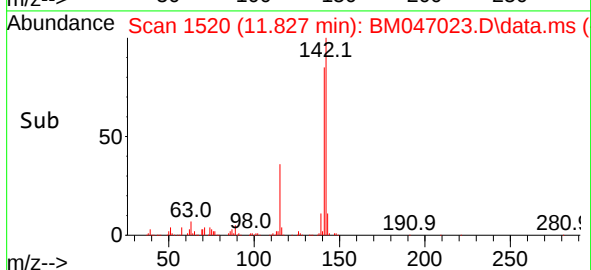
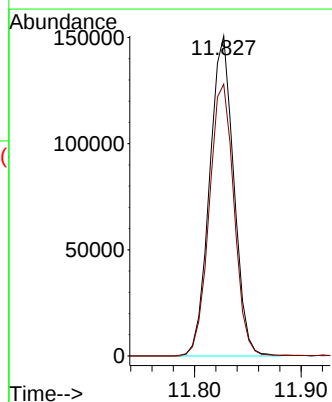
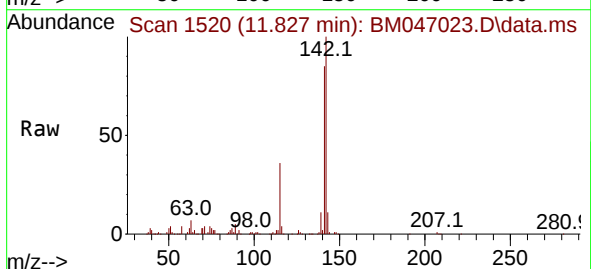
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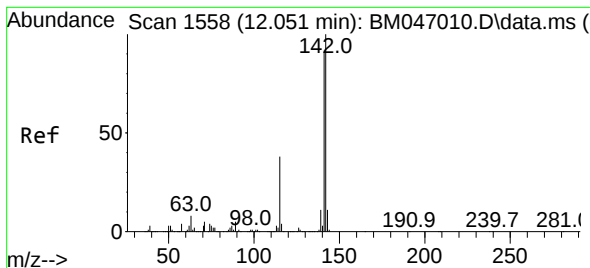
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#36
2-Methylnaphthalene
Concen: 9.149 ng/ul
RT: 11.827 min Scan# 1520
Delta R.T. -0.000 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

Tgt Ion:142 Resp: 238000
Ion Ratio Lower Upper
142 100
141 84.9 69.9 104.9





#37

1-Methylnaphthalene

Concen: 3.947 ng/ul

RT: 12.051 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

Instrument :

BNA_M

ClientSampleId :

F7E08DL

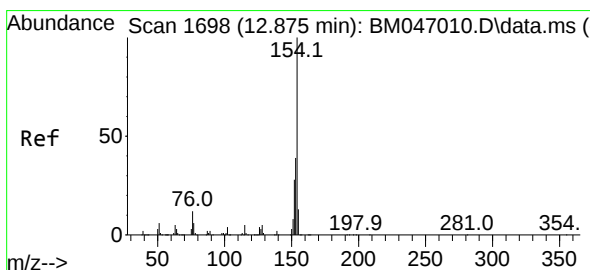
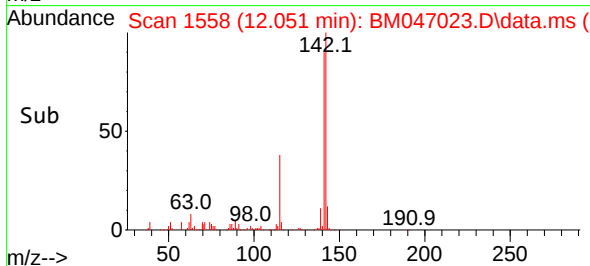
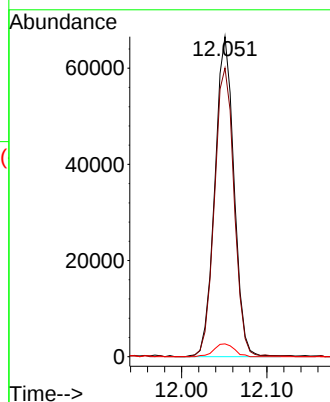
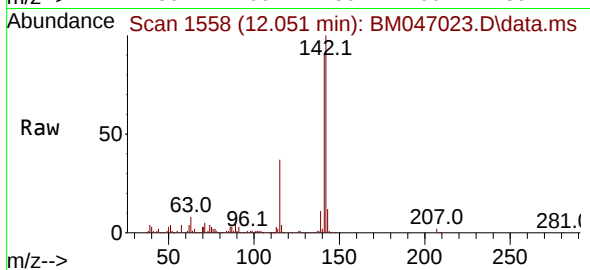
Tgt Ion:142 Resp: 10393

Ion	Ratio	Lower	Upper
142	100		
141	90.2	72.0	108.0
116	4.0	3.6	5.4

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 1.636 ng/ul

RT: 12.868 min Scan# 1697

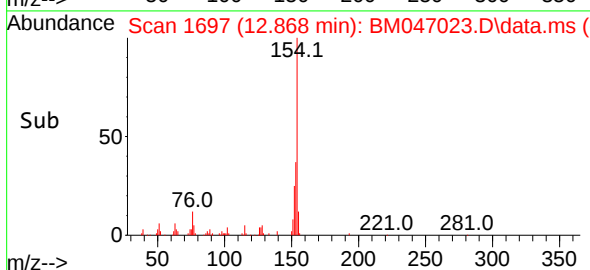
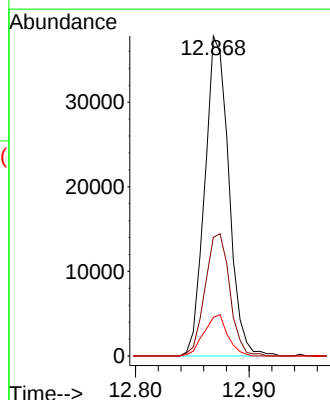
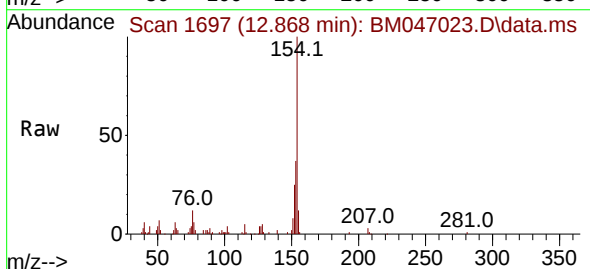
Delta R.T. -0.006 min

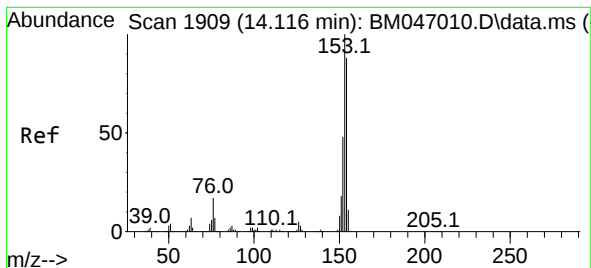
Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

Tgt Ion:154 Resp: 55488

Ion	Ratio	Lower	Upper
154	100		
153	37.0	30.7	46.1
76	12.0	9.3	13.9





#52

Acenaphthene

Concen: 5.445 ng/ul

RT: 14.115 min Scan# 1909

Delta R.T. -0.000 min

Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

Instrument :

BNA_M

ClientSampleId :

F7E08DL

Tgt Ion:153 Resp: 160410

Ion Ratio Lower Upper

153 100

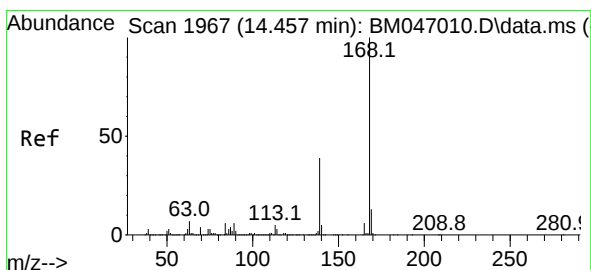
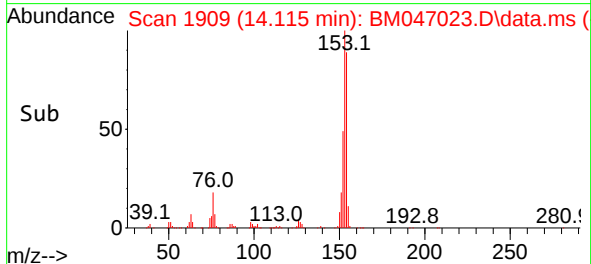
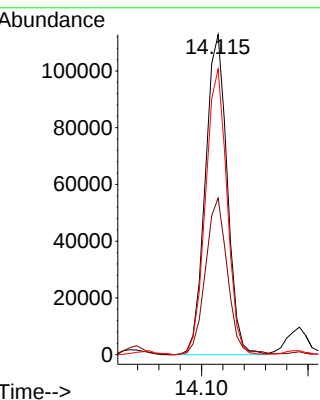
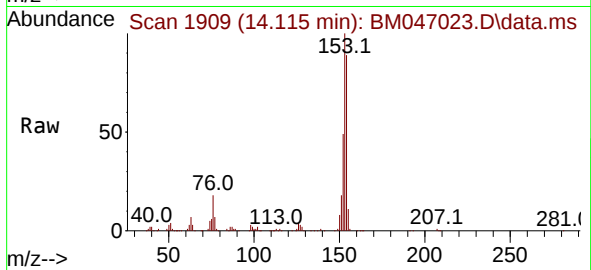
152 49.0 38.2 57.2

154 89.3 70.1 105.1

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#56

Dibenzofuran

Concen: 4.773 ng/ul

RT: 14.457 min Scan# 1967

Delta R.T. -0.000 min

Lab File: BM047023.D

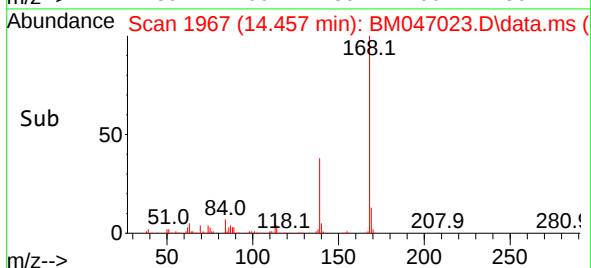
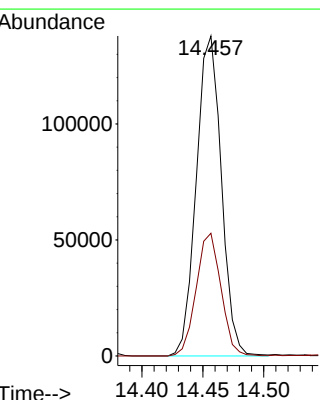
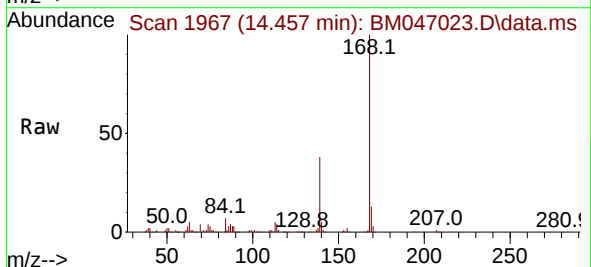
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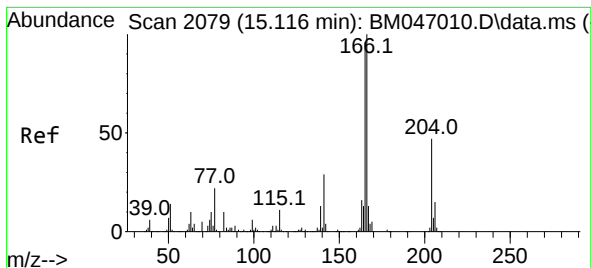
Tgt Ion:168 Resp: 197325

Ion Ratio Lower Upper

168 100

139 38.4 33.0 49.4





#61

Fluorene

Concen: 5.749 ng/ul

RT: 15.110 min Scan# 2079

Delta R.T. -0.006 min

Lab File: BM047023.D

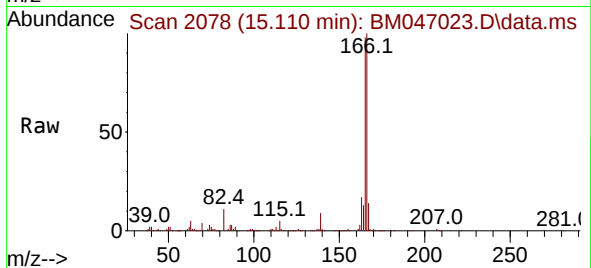
Acq: 06 Aug 2024 12:56

Instrument :

BNA_M

ClientSampleId :

F7E08DL



Tgt Ion:166 Resp: 19604

Ion Ratio Lower Upper

166 100

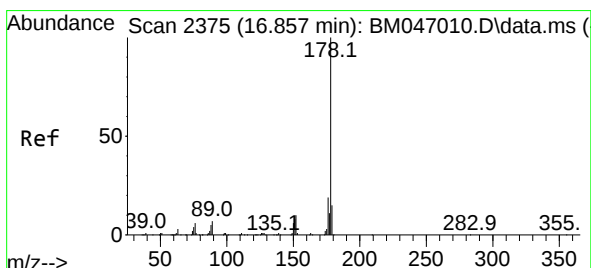
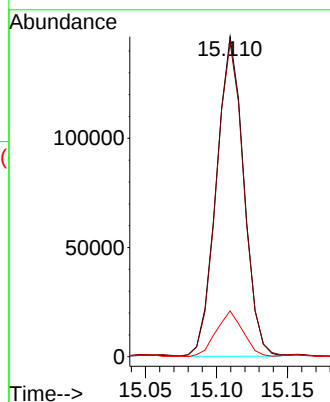
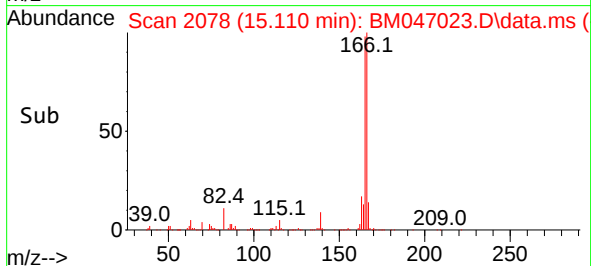
165 98.1 79.5 119.3

167 14.3 11.5 17.3

Manual Integrations

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#72

Phenanthrene

Concen: 15.516 ng/ul

RT: 16.851 min Scan# 2374

Delta R.T. -0.006 min

Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

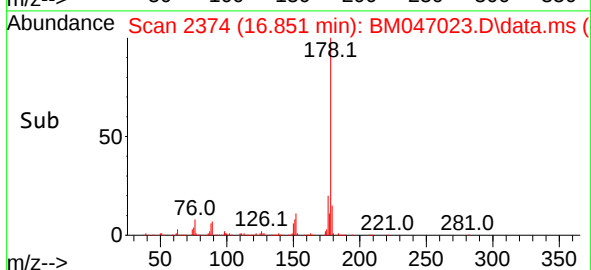
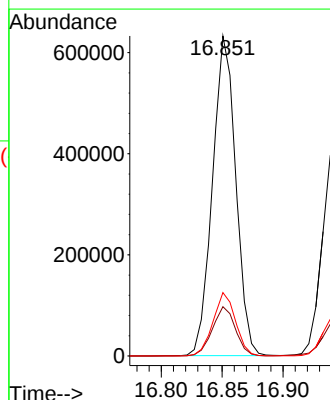
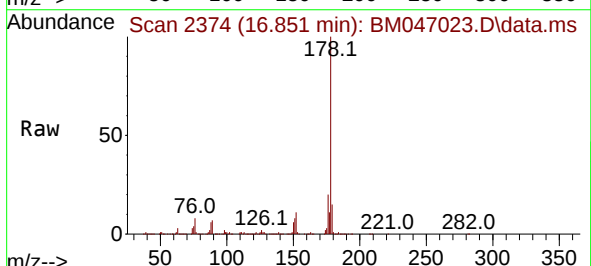
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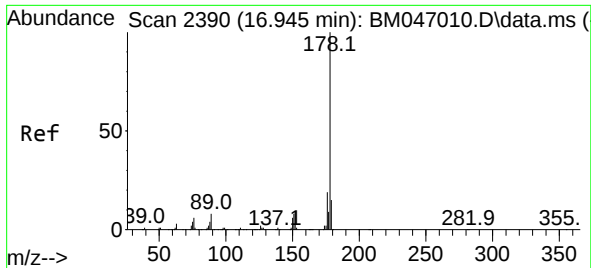
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

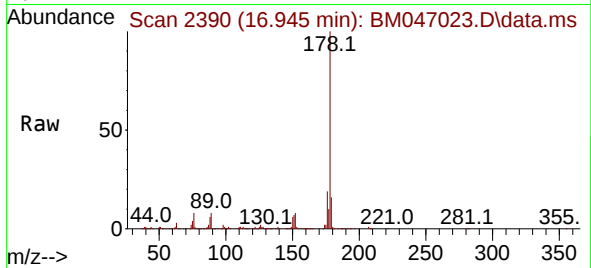
176 19.8 15.3 22.9





#74
 Anthracene
 Concen: 10.448 ng/u1
 RT: 16.945 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM047023.D
 Acq: 06 Aug 2024 12:56

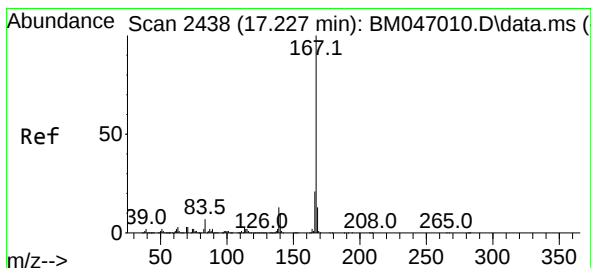
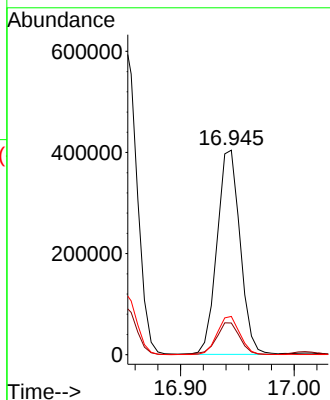
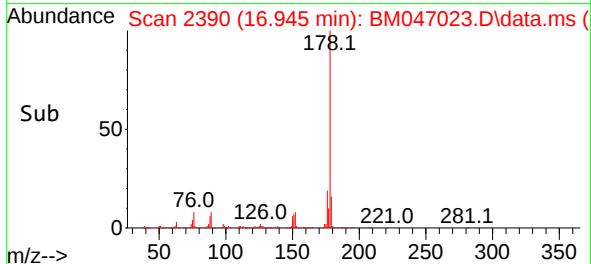
Instrument :
 BNA_M
 ClientSampleId :
 F7E08DL



Tgt Ion:178 Resp: 571815
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 18.7 14.6 22.0

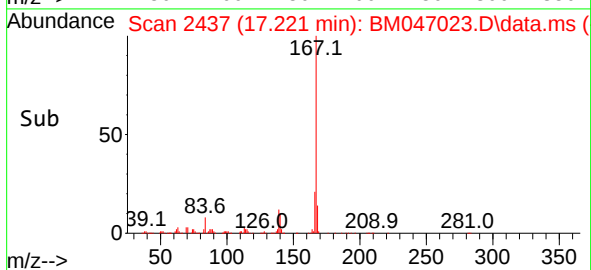
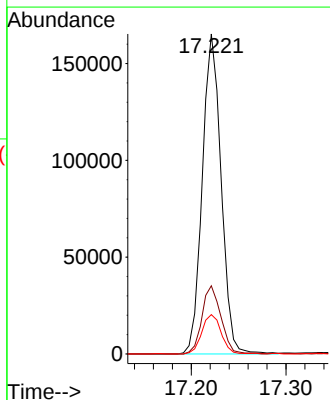
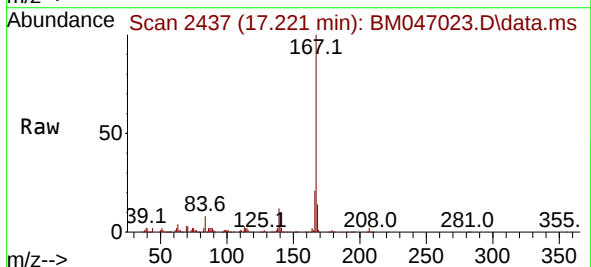
Manual Integrations
 APPROVED

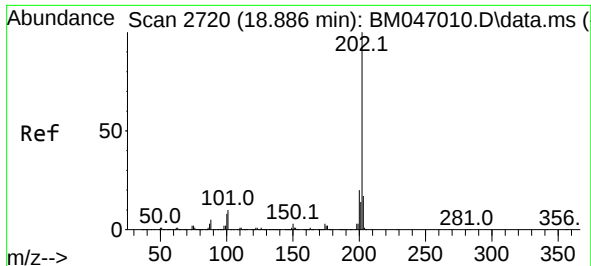
Reviewed By :Jagrut Upadhyay 08/06/2024
 Supervised By :mohammad ahmed 08/07/2024



#77
 Carbazole
 Concen: 4.504 ng/u1
 RT: 17.221 min Scan# 2437
 Delta R.T. -0.006 min
 Lab File: BM047023.D
 Acq: 06 Aug 2024 12:56

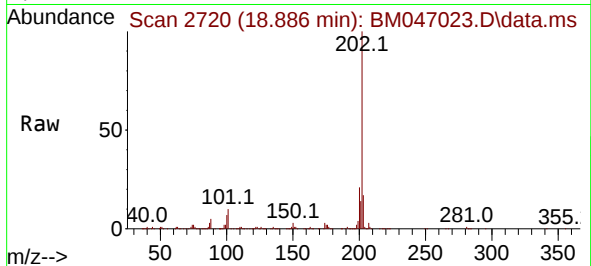
Tgt Ion:167 Resp: 228509
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.4
 139 12.3 10.6 16.0





#80
Fluoranthene
Concen: 7.706 ng/u1
RT: 18.886 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

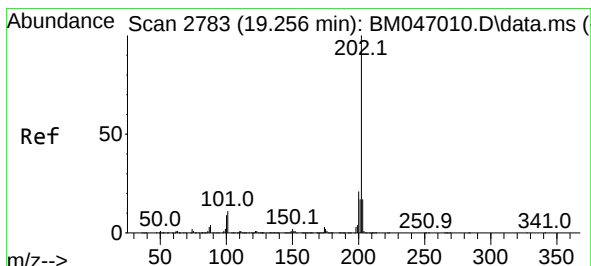
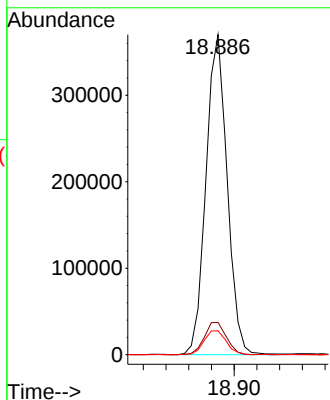
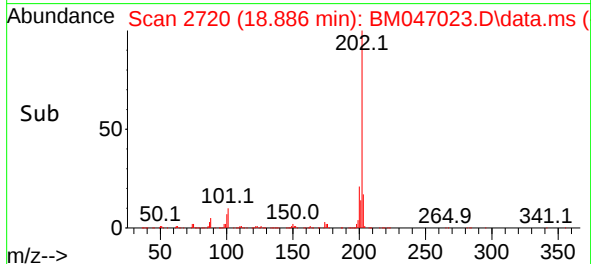
Instrument :
BNA_M
ClientSampleId :
F7E08DL



Tgt Ion:202 Resp: 479710
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.6
100 7.5 5.9 8.9

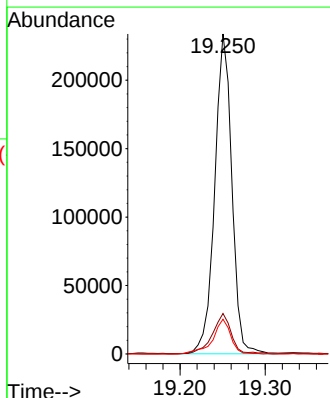
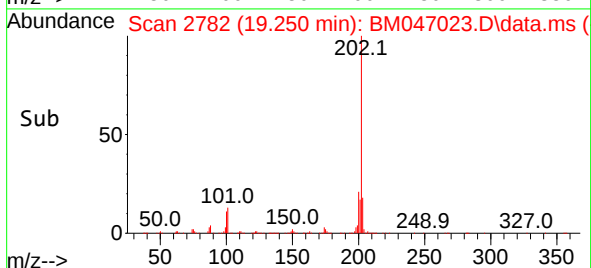
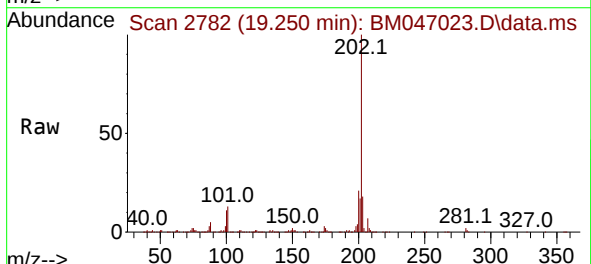
Manual Integrations
APPROVED

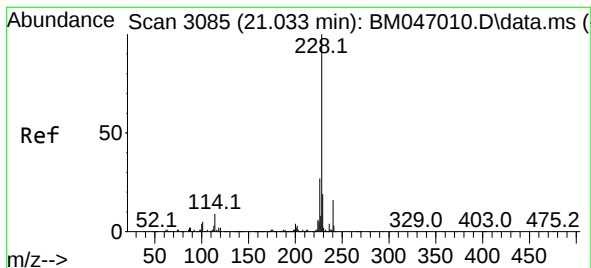
Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#82
Pyrene
Concen: 4.919 ng/u1
RT: 19.250 min Scan# 2782
Delta R.T. -0.006 min
Lab File: BM047023.D
Acq: 06 Aug 2024 12:56

Tgt Ion:202 Resp: 326312
Ion Ratio Lower Upper
202 100
101 12.6 8.7 13.1
100 10.9 6.8 10.2#





#85

Benzo(a)anthracene

Concen: 1.524 ng/ul

RT: 21.033 min Scan# 3085

Delta R.T. -0.000 min

Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

Instrument :

BNA_M

ClientSampleId :

F7E08DL

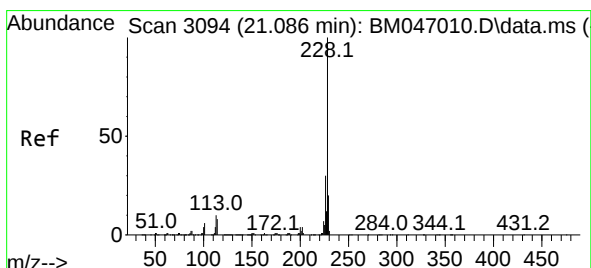
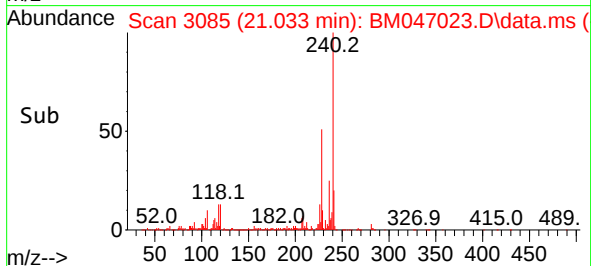
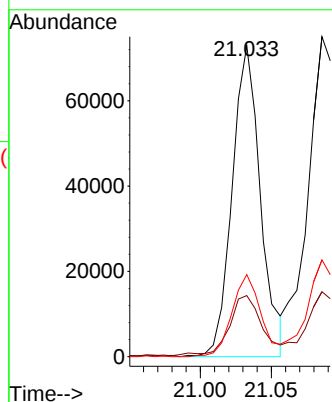
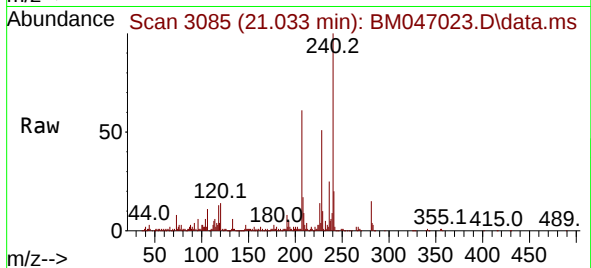
Tgt Ion:228 Resp: 101314

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	26.4	21.2	31.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/06/2024
Supervised By :mohammad ahmed 08/07/2024



#87

Chrysene

Concen: 1.757 ng/ul

RT: 21.086 min Scan# 3094

Delta R.T. -0.000 min

Lab File: BM047023.D

Acq: 06 Aug 2024 12:56

Tgt Ion:228 Resp: 111357

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.3	15.5	23.3

