

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047047.D
 Acq On : 07 Aug 2024 08:02
 Operator : RC/JU
 Sample : P3336-15
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7E43

Manual Integrations
 APPROVED

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

Quant Time: Aug 07 08:45:07 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	7.399	152	254570	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1000210	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	637311	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1340916	20.000	ng/u1	0.00
79) Chrysene-d12	21.045	240	1214263	20.000	ng/u1	0.00
88) Perylene-d12	23.756	264	1365750	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.023	96	14719	2.291	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.599	99	221760	11.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.752	67	168795	13.266	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	202255	12.347	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	166514	10.869	ng/u1	0.00
21) Nitrobenzene-d5	8.540	128	104175	12.980	ng/u1	0.00
24) 2-Nitrophenol-d4	9.252	143	113995	13.006	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.787	165	206095	12.247	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	195442	8.837	ng/u1	0.00
46) Dimethylphthalate-d6	13.475	166	647368	13.285	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	739472	13.595	ng/u1	0.00
54) 4-Nitrophenol-d4	14.292	143	68367	7.256	ng/u1	0.00
60) Fluorene-d10	15.057	176	573473	13.757	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	73805	8.712	ng/u1	0.00
73) Anthracene-d10	16.910	188	901691	14.185	ng/u1	0.00
81) Pyrene-d10	19.221	212	760947	10.947	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.568	264	507445	7.056	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.216	105	25880	1.073	ng/u1	97
50) Acenaphthylene	13.769	152	63469	1.105	ng/u1#	96
72) Phenanthrene	16.851	178	142498	1.896	ng/u1	98
74) Anthracene	16.939	178	217026	2.863	ng/u1	99
80) Fluoranthene	18.886	202	634382	7.637	ng/u1	99
82) Pyrene	19.251	202	421356	4.760	ng/u1	97
85) Benzo(a)anthracene	21.027	228	543590	6.130	ng/u1	95
87) Chrysene	21.086	228	802983	9.494	ng/u1	99
90) Benzo(b)fluoranthene	22.909	252	1192489	14.116	ng/u1	98
91) Benzo(k)fluoranthene	22.956	252	374821m	4.490	ng/u1	
93) Benzo(a)pyrene	23.627	252	181573	2.307	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.750	276	211744	2.100	ng/u1	97
95) Dibenzo(a,h)anthracene	26.792	278	97385	1.202	ng/u1	92

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

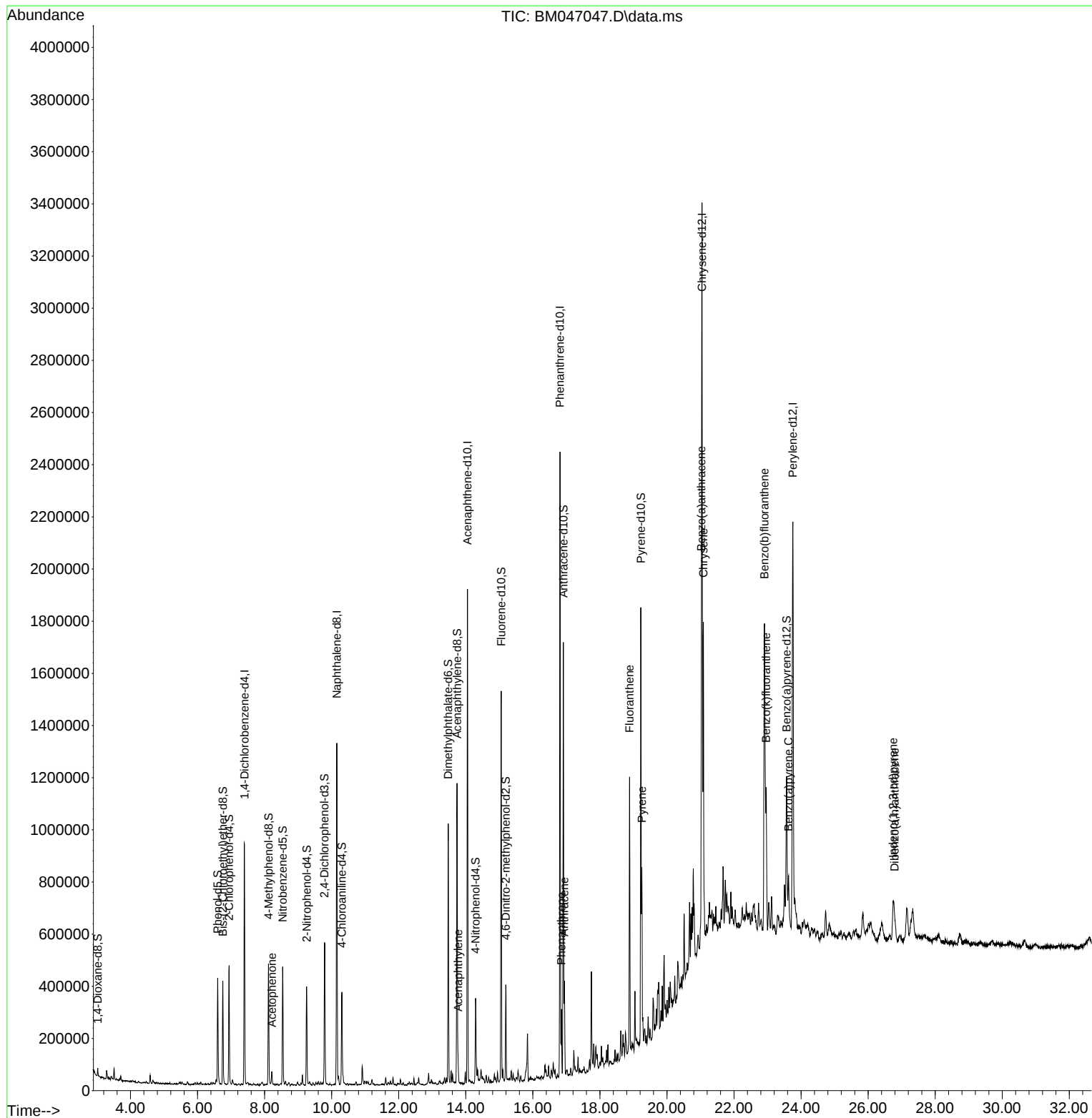
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047047.D
 Acq On : 07 Aug 2024 08:02
 Operator : RC/JU
 Sample : P3336-15
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 ALS Vial : 23 Sample Multiplier: 1

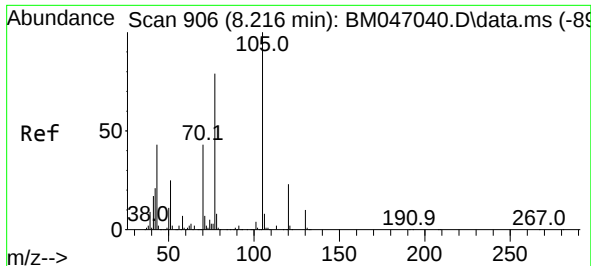
Instrument :
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Quant Time: Aug 07 08:45:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
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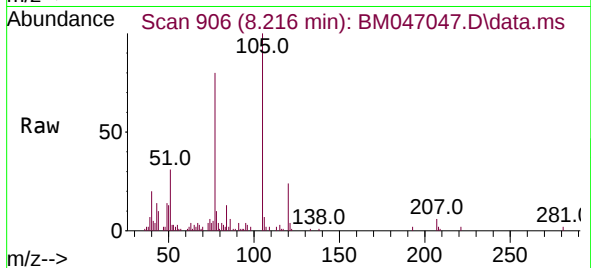
Reviewed By :Yogesh Patel 08/30/2024
 Supervised By :mohammad ahmed 08/30/2024





#16
Acetophenone
Concen: 1.073 ng/u1
RT: 8.216 min Scan# 906
Delta R.T. 0.000 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

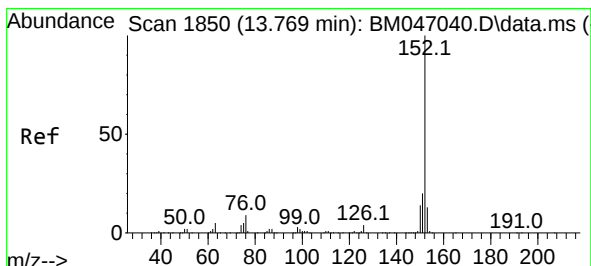
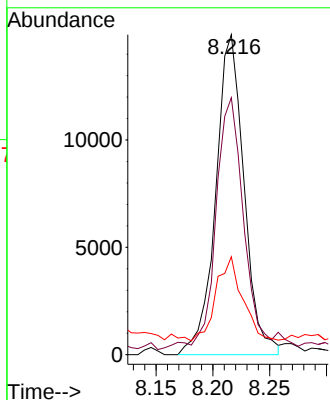
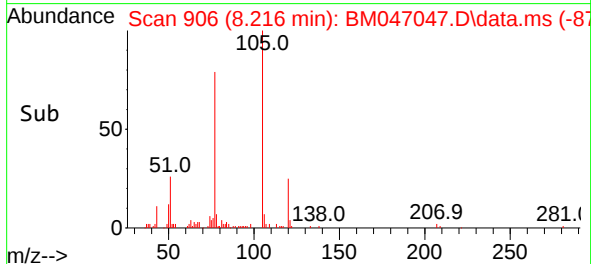
Instrument :
BNA_M
ClientSampleId :
F7E43



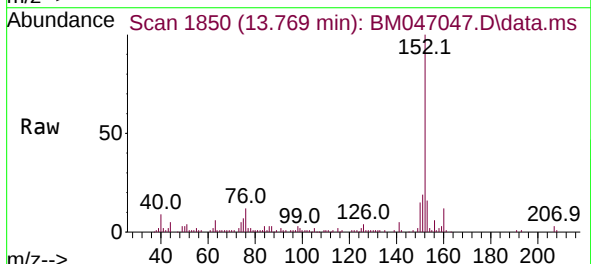
Tgt Ion:105 Resp: 25880
Ion Ratio Lower Upper
105 100
77 80.3 66.1 99.1
51 30.6 23.0 34.4

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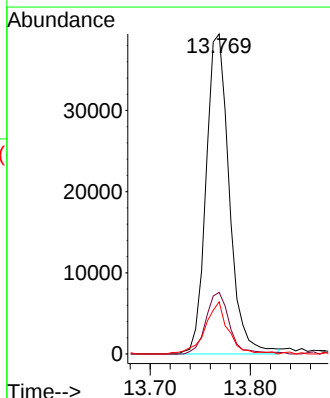
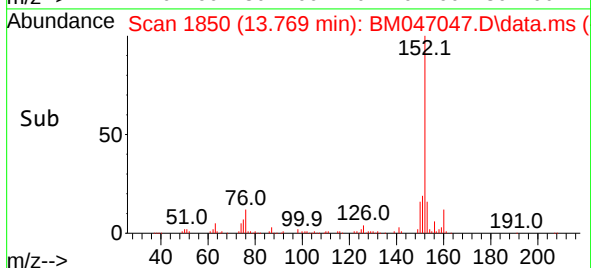
Reviewed By :Yogesh Patel 08/30/2024
Supervised By :mohammad ahmed 08/30/2024

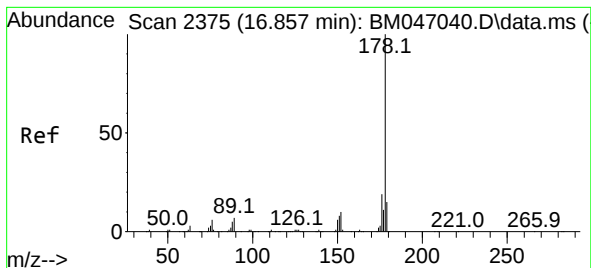


#50
Acenaphthylene
Concen: 1.105 ng/u1
RT: 13.769 min Scan# 1850
Delta R.T. 0.000 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02



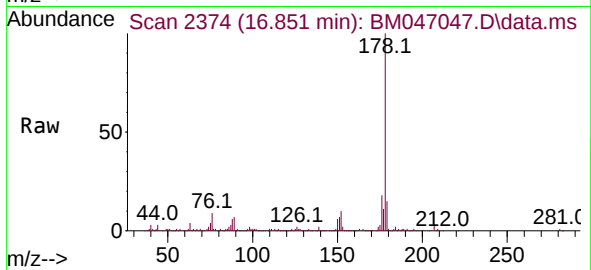
Tgt Ion:152 Resp: 63469
Ion Ratio Lower Upper
152 100
151 19.2 15.7 23.5
153 16.3 10.1 15.1#





#72
Phenanthrene
Concen: 1.896 ng/u1
RT: 16.851 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

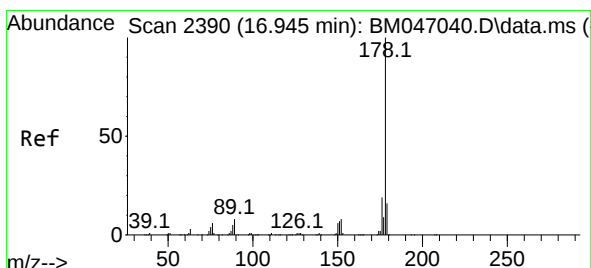
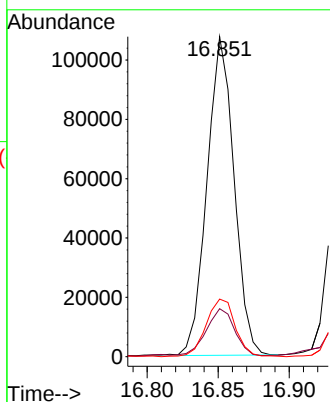
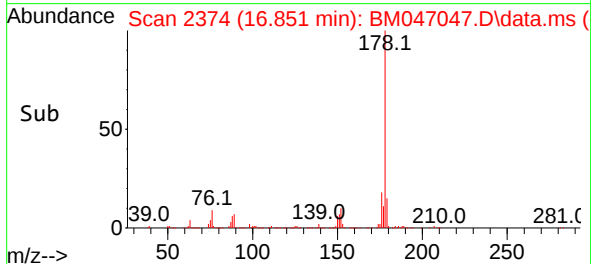
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:178 Resp: 142498
Ion Ratio Lower Upper
178 100
179 15.0 12.3 18.5
176 18.0 15.3 22.9

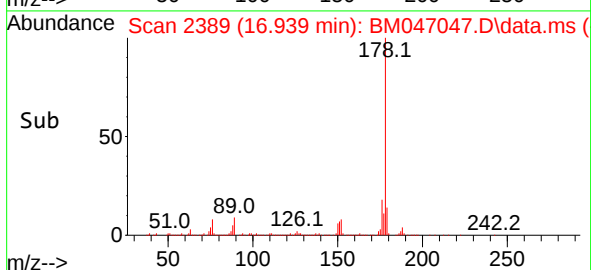
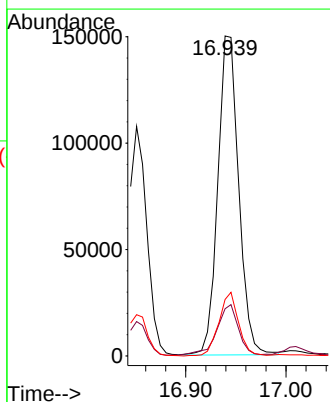
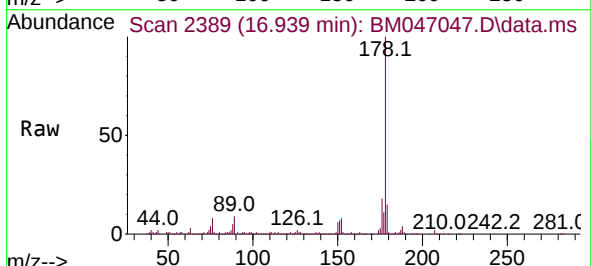
Manual Integrations
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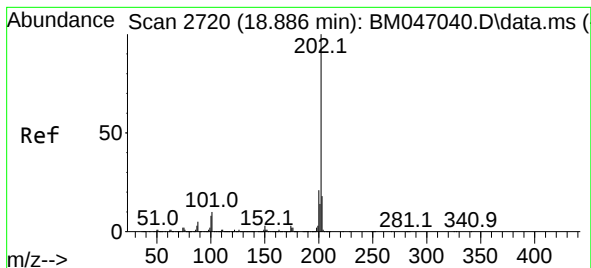
Reviewed By :Yogesh Patel 08/30/2024
Supervised By :mohammad ahmed 08/30/2024



#74
Anthracene
Concen: 2.863 ng/u1
RT: 16.939 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

Tgt Ion:178 Resp: 217026
Ion Ratio Lower Upper
178 100
179 14.7 12.2 18.2
176 17.6 14.6 22.0





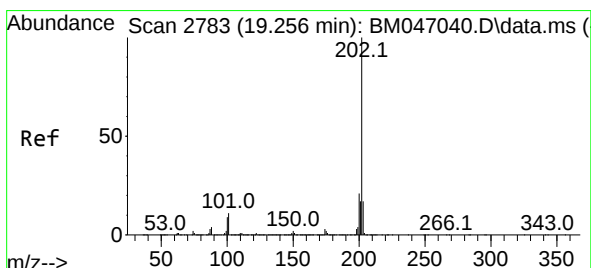
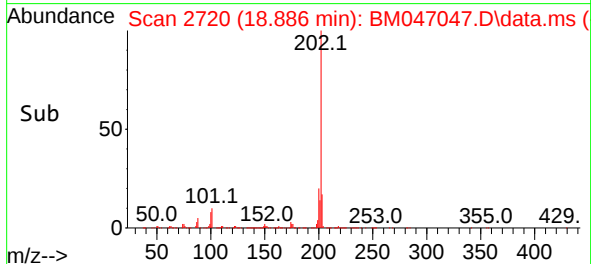
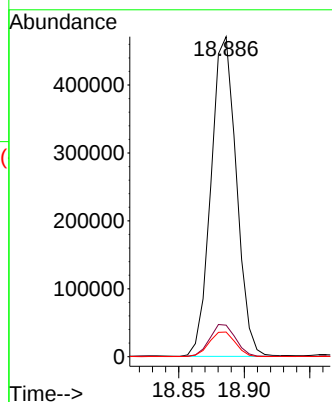
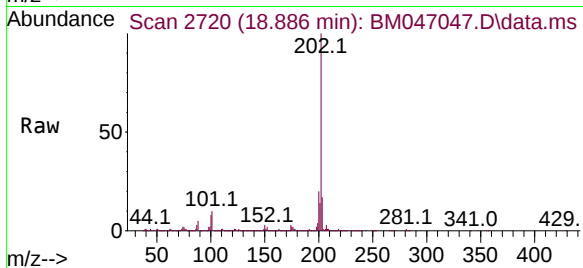
#80
Fluoranthene
Concen: 7.637 ng/u1
RT: 18.886 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

Instrument :
BNA_M
ClientSampleId :
F7E43

Tgt Ion:202 Resp: 634382
Ion Ratio Lower Upper
202 100
101 9.9 7.8 11.6
100 7.7 5.9 8.9

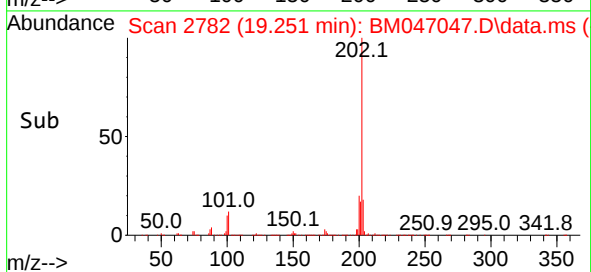
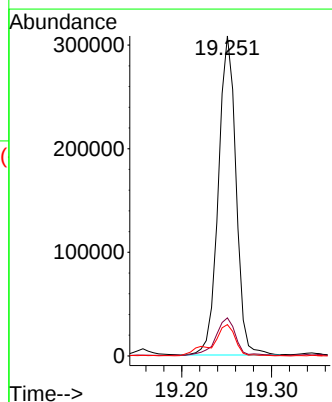
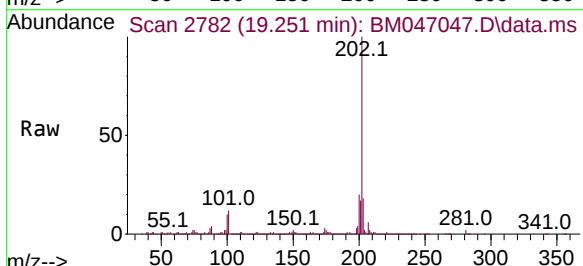
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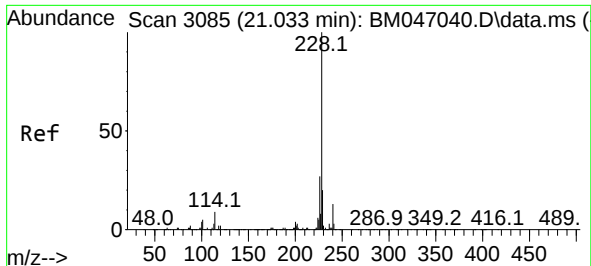
Reviewed By :Yogesh Patel 08/30/2024
Supervised By :mohammad ahmed 08/30/2024



#82
Pyrene
Concen: 4.760 ng/u1
RT: 19.251 min Scan# 2782
Delta R.T. -0.006 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

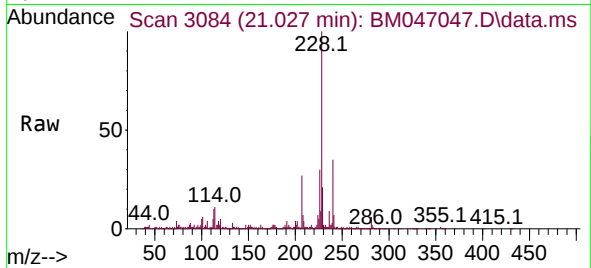
Tgt Ion:202 Resp: 421356
Ion Ratio Lower Upper
202 100
101 11.9 8.7 13.1
100 9.8 6.8 10.2





#85
Benzo(a)anthracene
Concen: 6.130 ng/ul
RT: 21.027 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

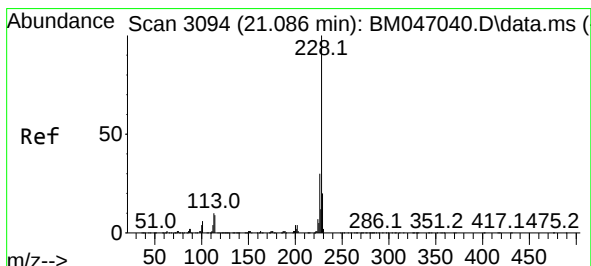
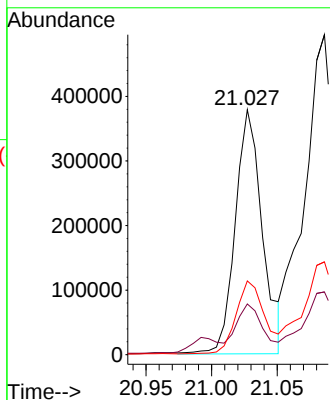
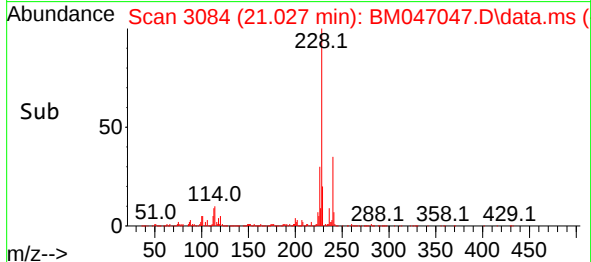
Instrument :
BNA_M
ClientSampleId :
F7E43



Tgt Ion:228 Resp: 543590
Ion Ratio Lower Upper
228 100
229 20.7 15.5 23.3
226 30.1 21.2 31.8

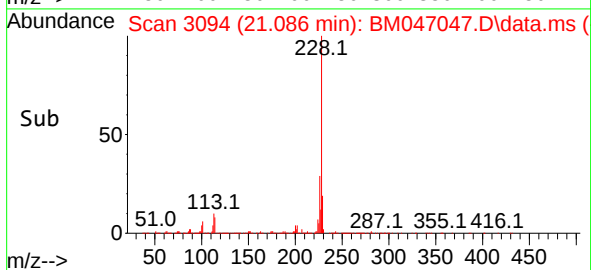
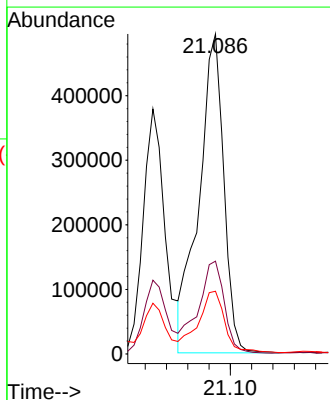
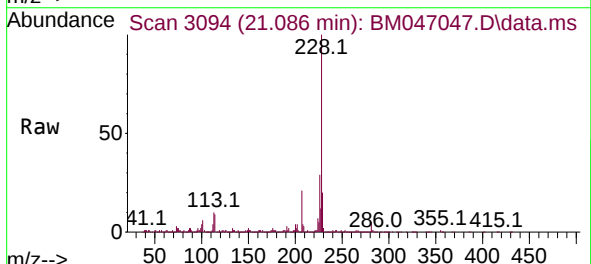
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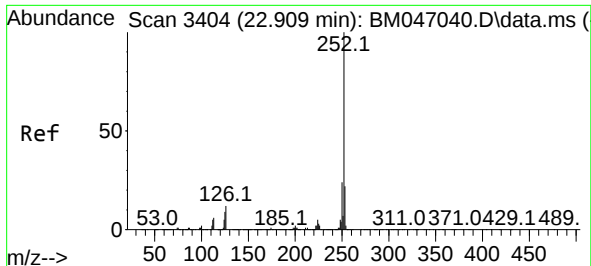
Reviewed By :Yogesh Patel 08/30/2024
Supervised By :mohammad ahmed 08/30/2024



#87
Chrysene
Concen: 9.494 ng/ul
RT: 21.086 min Scan# 3094
Delta R.T. 0.000 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

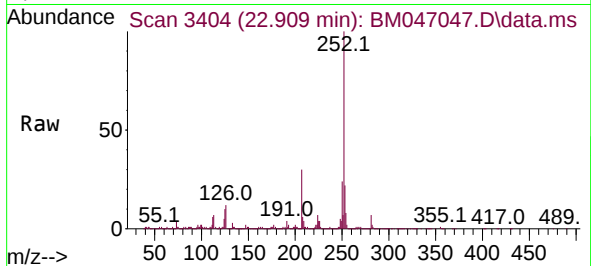
Tgt Ion:228 Resp: 802983
Ion Ratio Lower Upper
228 100
226 29.0 24.0 36.0
229 19.6 15.5 23.3





#90
Benzo(b)fluoranthene
Concen: 14.116 ng/ul
RT: 22.909 min Scan# 3404
Delta R.T. 0.000 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02

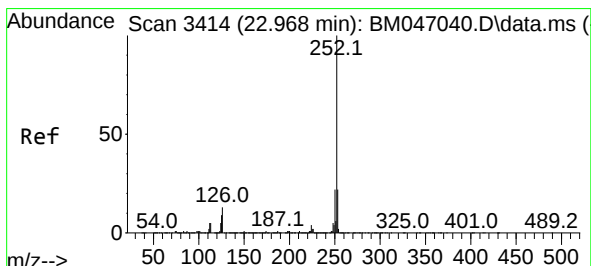
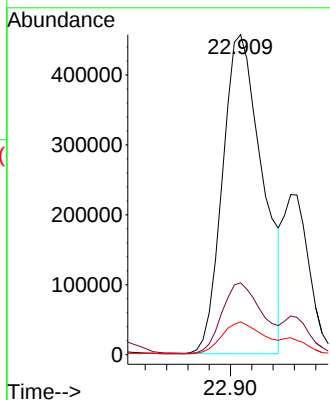
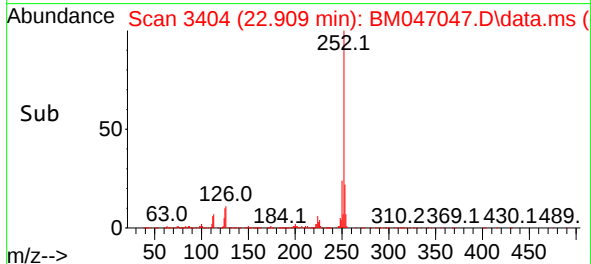
Instrument :
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F7E43



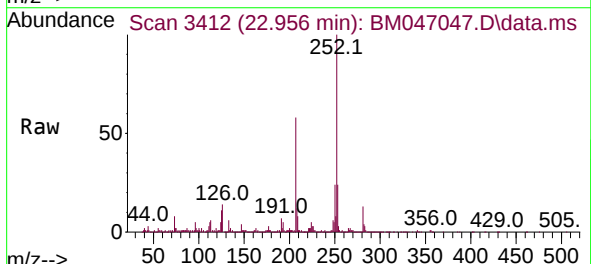
Tgt Ion:252 Resp: 1192489
Ion Ratio Lower Upper
252 100
253 22.5 17.4 26.2
125 10.2 7.0 10.6

Manual Integrations
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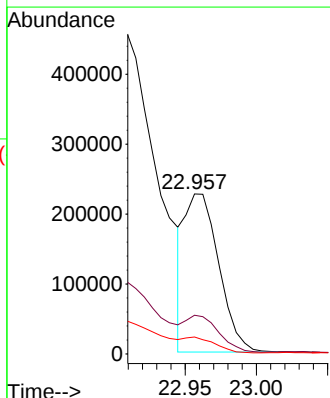
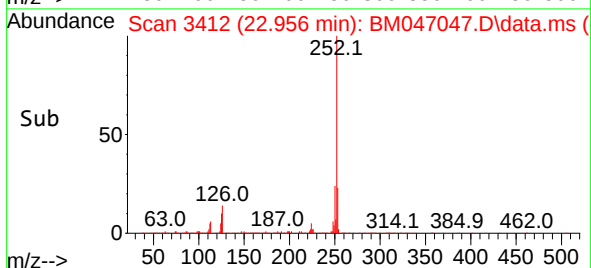
Reviewed By :Yogesh Patel 08/30/2024
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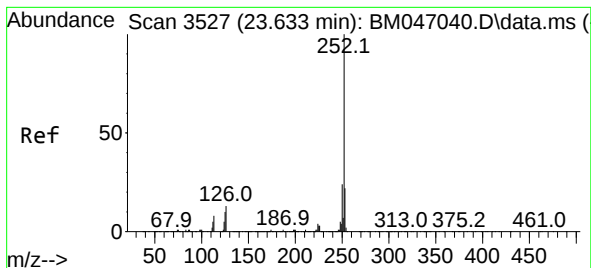


#91
Benzo(k)fluoranthene
Concen: 4.490 ng/ul m
RT: 22.956 min Scan# 3412
Delta R.T. -0.011 min
Lab File: BM047047.D
Acq: 07 Aug 2024 08:02



Tgt Ion:252 Resp: 374821
Ion Ratio Lower Upper
252 100
253 24.2 17.0 25.6
125 10.6 6.9 10.3#





#93

Benzo(a)pyrene

Concen: 2.307 ng/ul

RT: 23.627 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM047047.D

Acq: 07 Aug 2024 08:02

Instrument :

BNA_M

ClientSampleId :

F7E43

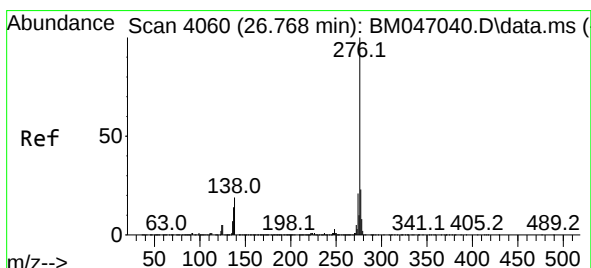
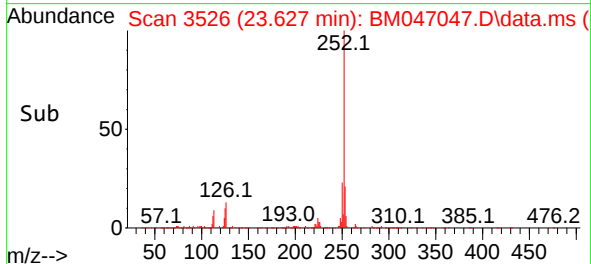
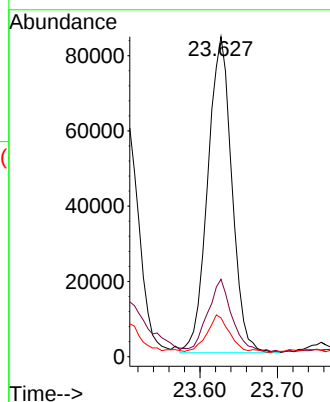
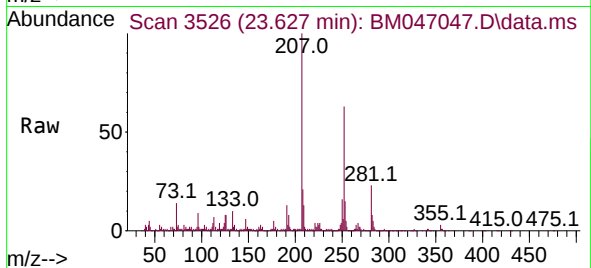
Tgt Ion:252 Resp: 18157
 Ion Ratio Lower Upper
 252 100
 253 24.2 18.2 27.2
 125 12.1 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 08/30/2024

Supervised By :mohammad ahmed 08/30/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.100 ng/ul

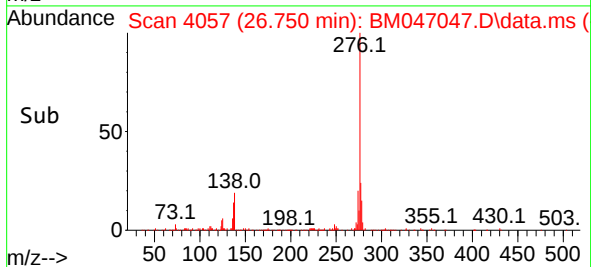
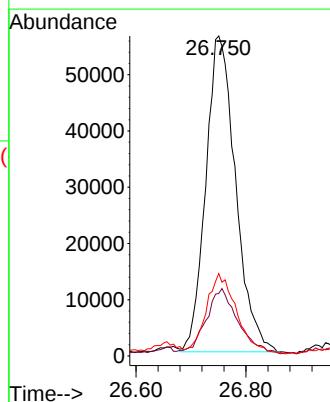
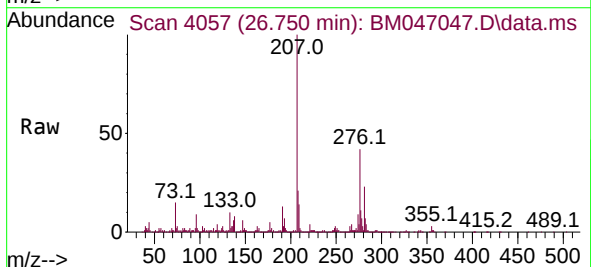
RT: 26.750 min Scan# 4057

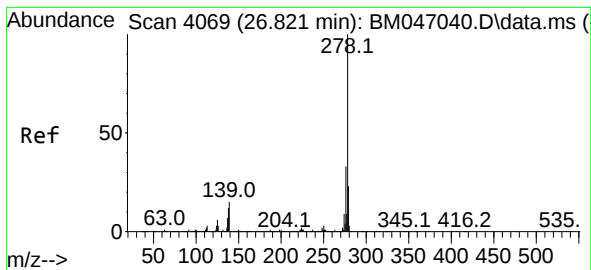
Delta R.T. -0.017 min

Lab File: BM047047.D

Acq: 07 Aug 2024 08:02

Tgt Ion:276 Resp: 211744
 Ion Ratio Lower Upper
 276 100
 138 19.6 14.7 22.1
 277 25.7 19.3 28.9





#95

Dibenzo(a,h)anthracene

Concen: 1.202 ng/ul

RT: 26.792 min Scan# 4064

Delta R.T. -0.029 min

Lab File: BM047047.D

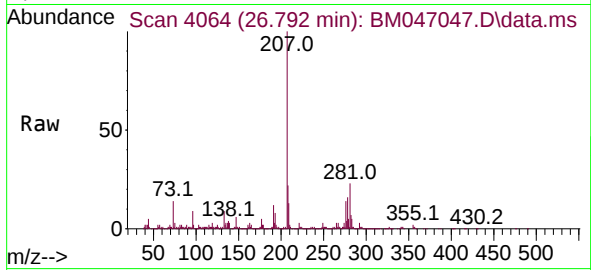
Acq: 07 Aug 2024 08:02

Instrument :

BNA_M

ClientSampleId :

F7E43



Tgt Ion:278 Resp: 9738

Ion Ratio Lower Upper

278 100

139 15.9 11.4 17.0

279 28.9 19.4 29.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 08/30/2024

