

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049424.D
 Acq On : 23 Jan 2025 18:07
 Operator : RC/JU
 Sample : Q1139-06DL2 30X
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH3DL2

Quant Time: Jan 23 23:35:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jan 13 16:56:06 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	204457	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	734284	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	458973	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	888191	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	880668	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	868106	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.716	99	8264m	0.481	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	6591	0.577	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	7407	0.564	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	5944m	0.447	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	3096	0.553	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	2335	0.373	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.934	165	6535m	0.512	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.580	166	27298	0.799	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	28027	0.719	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	23357	0.791	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	38928	0.887	ng/u1	-0.01
81) Pyrene-d10	19.309	212	36013	0.672	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.721	264	19621	0.421	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.328	128	4481076	114.991	ng/u1	99
36) 2-Methylnaphthalene	11.951	142	897969	32.202	ng/u1	99
37) 1-Methylnaphthalene	12.169	142	399815	14.410	ng/u1	99
50) Acenaphthylene	13.875	152	65156	1.630	ng/u1#	95
52) Acenaphthene	14.222	153	774251	27.105	ng/u1	100
61) Fluorene	15.210	166	640443	19.324	ng/u1	99
72) Phenanthrene	16.951	178	5921551	119.923	ng/u1	100
74) Anthracene	17.039	178	484615	9.778	ng/u1	99
80) Fluoranthene	18.980	202	4123259	66.951	ng/u1	100
82) Pyrene	19.339	202	1968044	30.020	ng/u1	99
85) Benzo(a)anthracene	21.121	228	644187	10.496	ng/u1	99
87) Chrysene	21.180	228	525653	9.382	ng/u1	99
90) Benzo(b)fluoranthene	23.045	252	415642	7.153	ng/u1	98
91) Benzo(k)fluoranthene	23.097	252	129890	2.242	ng/u1	97
93) Benzo(a)pyrene	23.780	252	76807	1.463	ng/u1	98

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

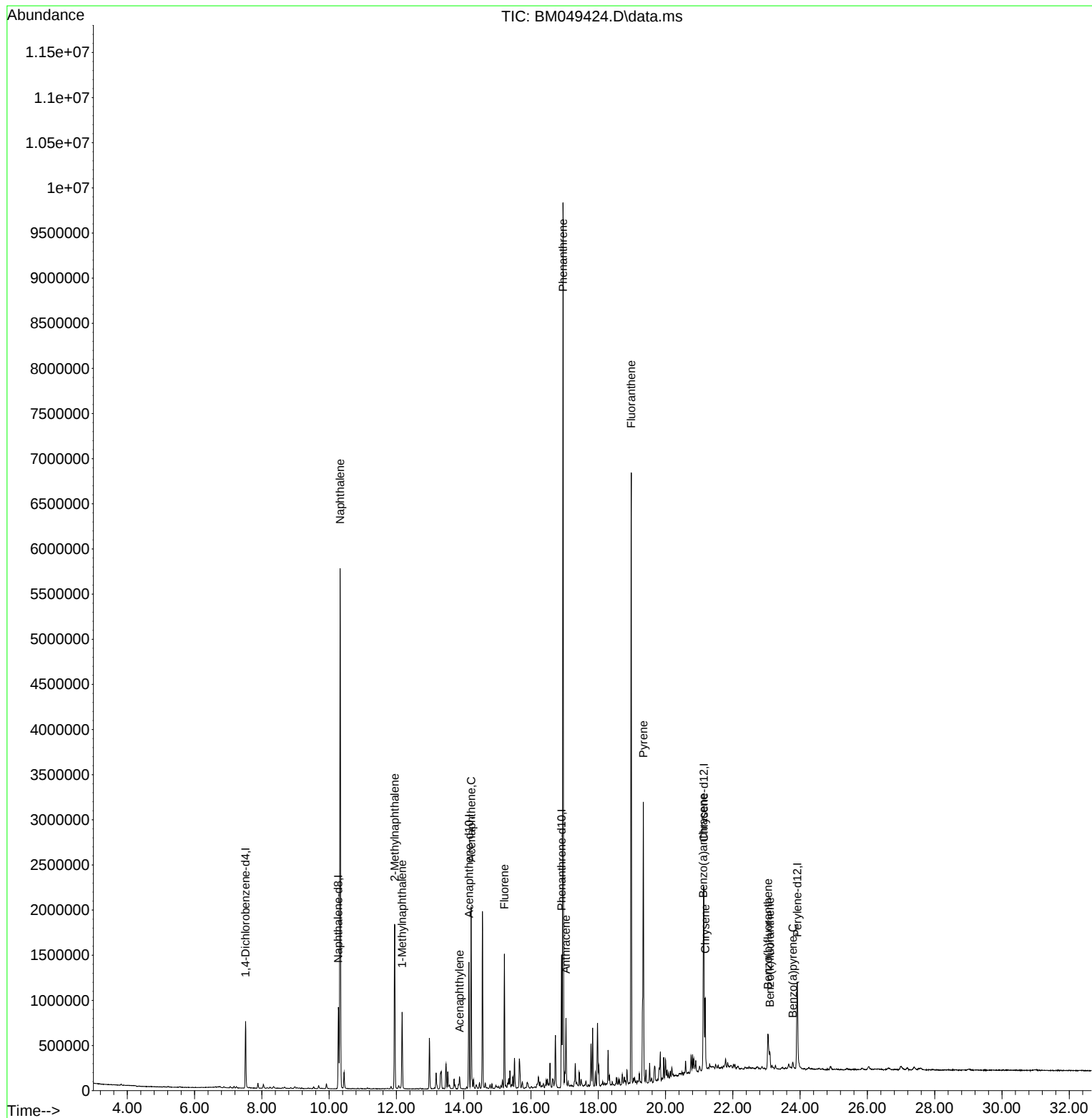
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049424.D
Acq On : 23 Jan 2025 18:07
Operator : RC/JU
Sample : Q1139-06DL2 30X
Misc :
ALS Vial : 46 Sample Multiplier: 1

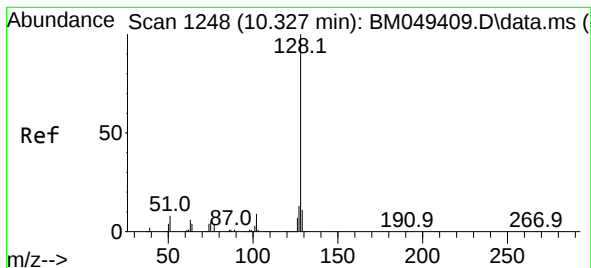
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2

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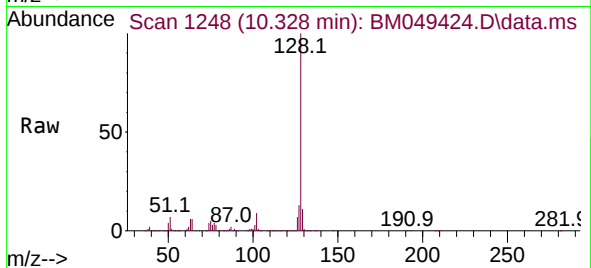
Quant Time: Jan 23 23:35:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration





#30
Naphthalene
Concen: 114.991 ng/ul
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

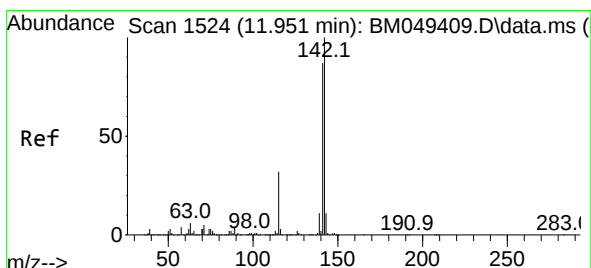
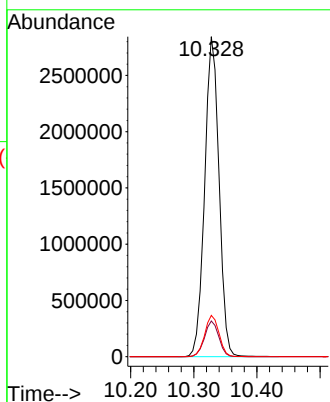
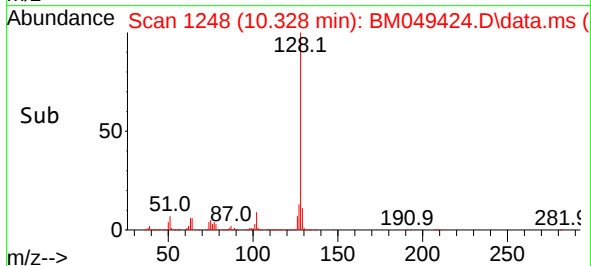
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



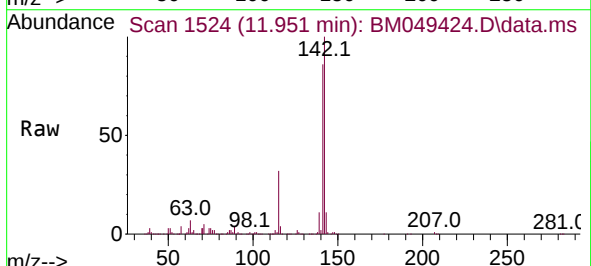
Tgt Ion:128 Resp: 4481070
Ion Ratio Lower Upper
128 100
129 11.2 8.5 12.7
127 12.9 10.2 15.2

Manual Integrations
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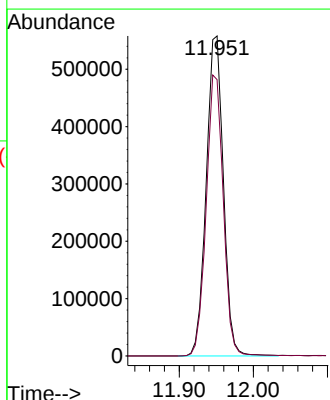
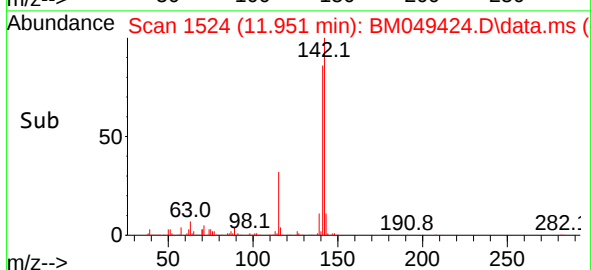
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

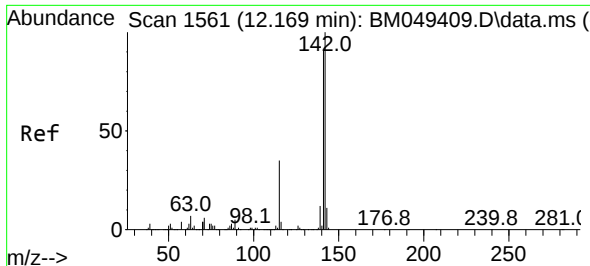


#36
2-Methylnaphthalene
Concen: 32.202 ng/ul
RT: 11.951 min Scan# 1524
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07



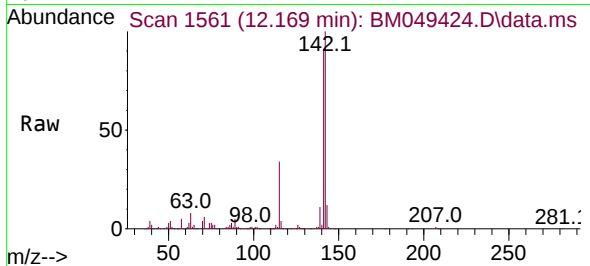
Tgt Ion:142 Resp: 897969
Ion Ratio Lower Upper
142 100
141 86.4 69.6 104.4





#37
1-Methylnaphthalene
Concen: 14.410 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

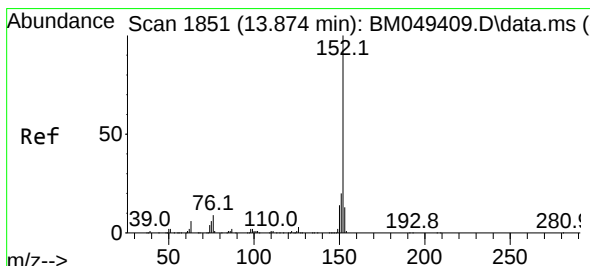
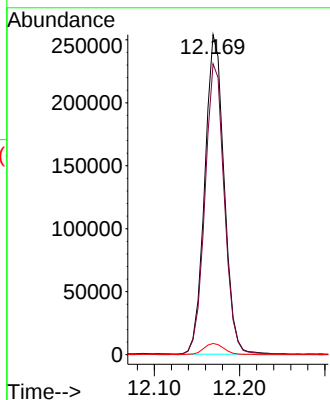
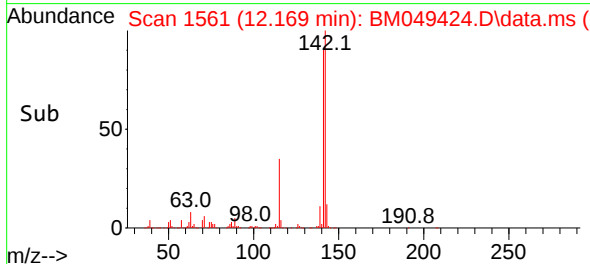
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



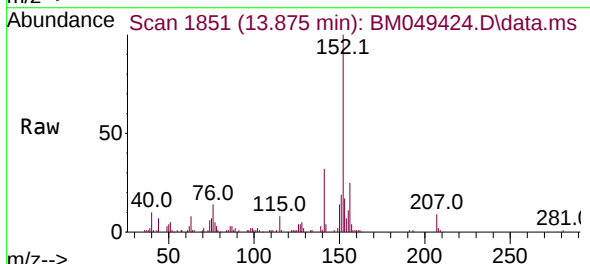
Tgt Ion:142 Resp: 399815
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9
116 3.5 2.8 4.2

Manual Integrations
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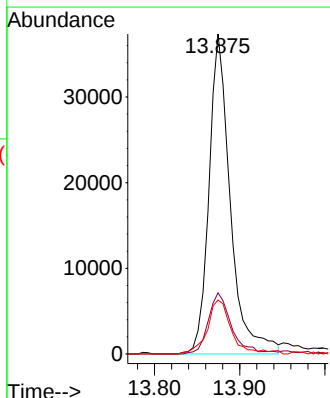
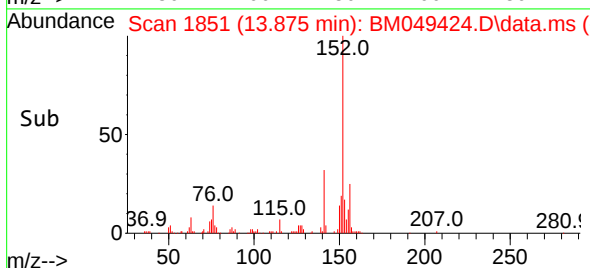
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

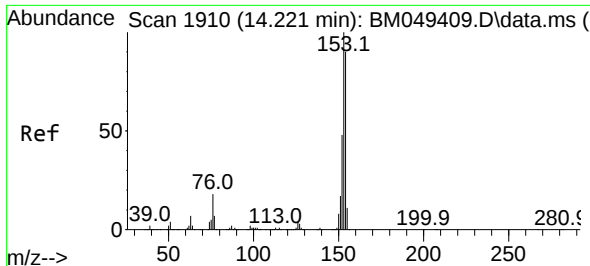


#50
Acenaphthylene
Concen: 1.630 ng/ul
RT: 13.875 min Scan# 1851
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07



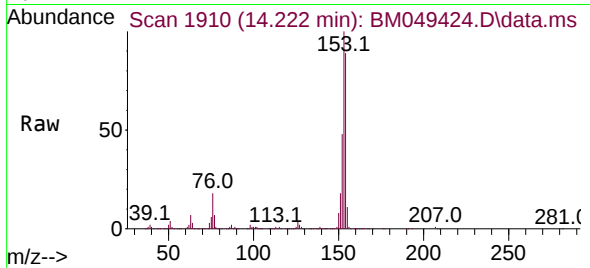
Tgt Ion:152 Resp: 65156
Ion Ratio Lower Upper
152 100
151 19.1 15.8 23.8
153 16.9 10.6 15.8#





#52
Acenaphthene
Concen: 27.105 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

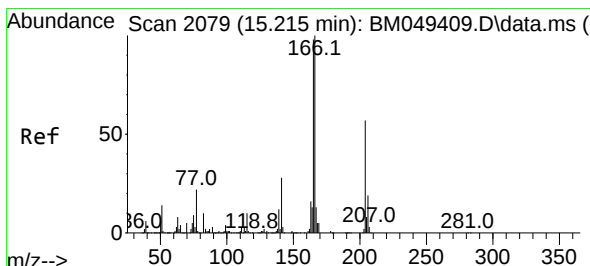
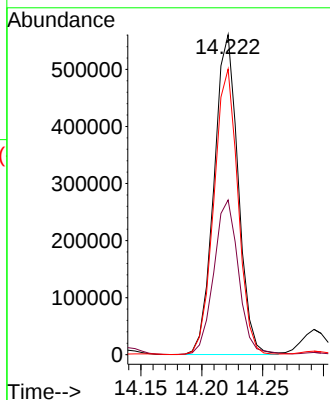
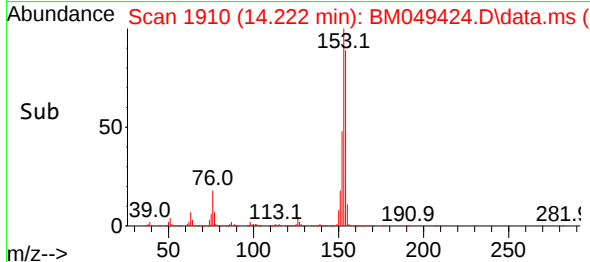
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



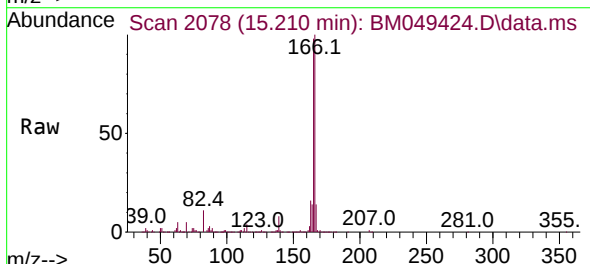
Tgt Ion:153 Resp: 77425
Ion Ratio Lower Upper
153 100
152 48.4 39.0 58.6
154 89.3 71.6 107.4

Manual Integrations
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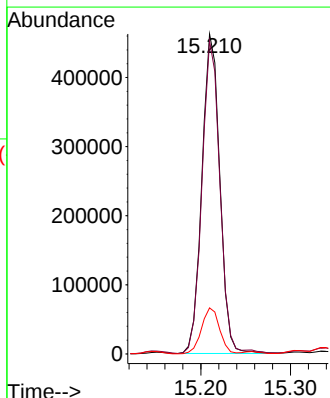
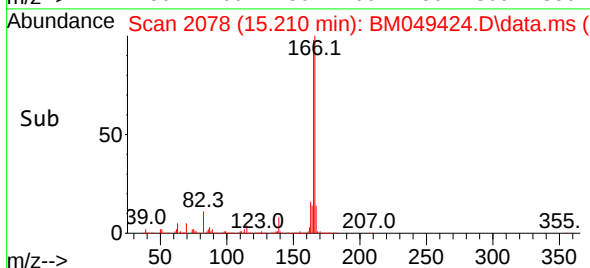
Reviewed By :Yogesh Patel 01/24/2025
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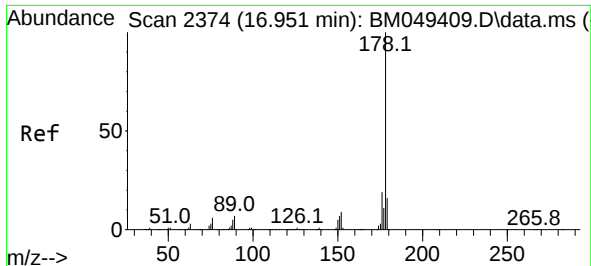


#61
Fluorene
Concen: 19.324 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07



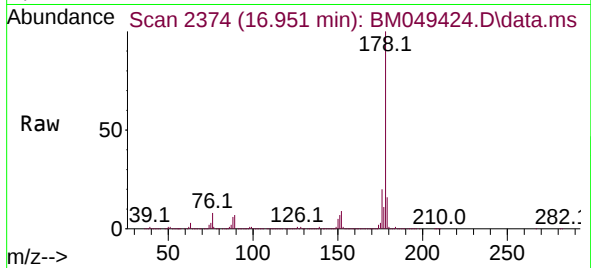
Tgt Ion:166 Resp: 640443
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 14.4 10.7 16.1





#72
Phenanthrene
Concen: 119.923 ng/u1
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

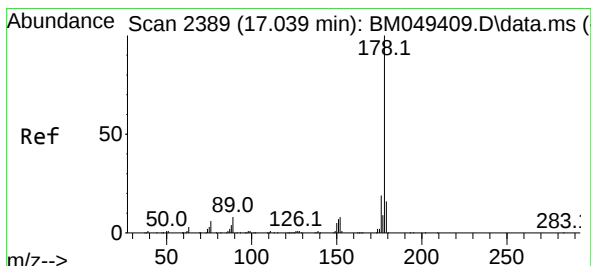
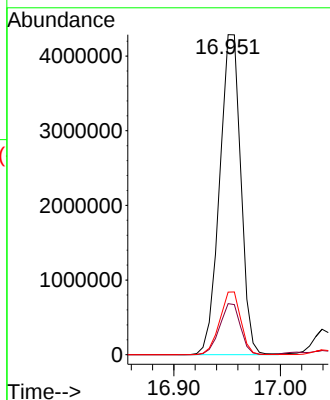
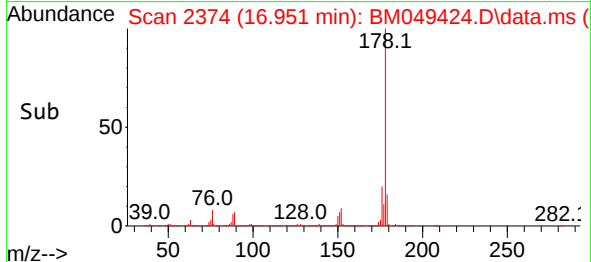
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



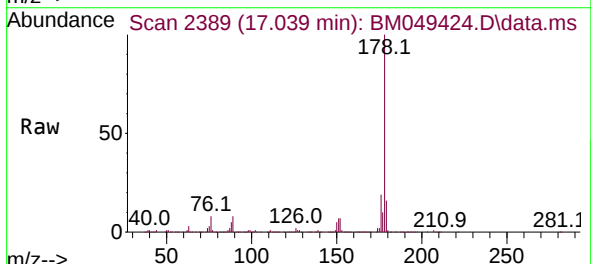
Tgt Ion:178 Resp: 592155
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.4 23.2

Manual Integrations
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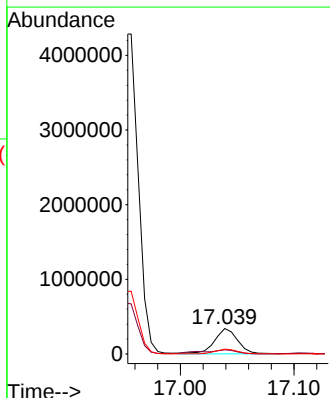
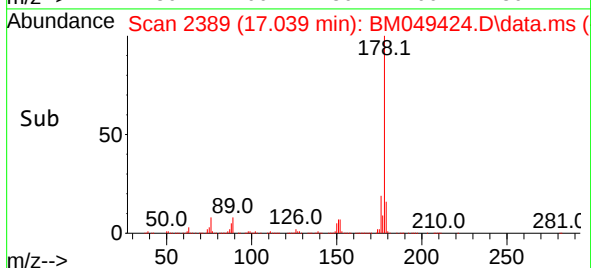
Reviewed By :Yogesh Patel 01/24/2025
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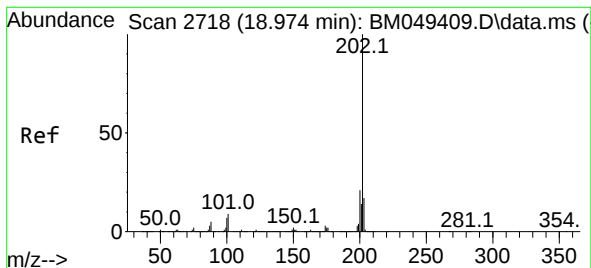


#74
Anthracene
Concen: 9.778 ng/u1
RT: 17.039 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07



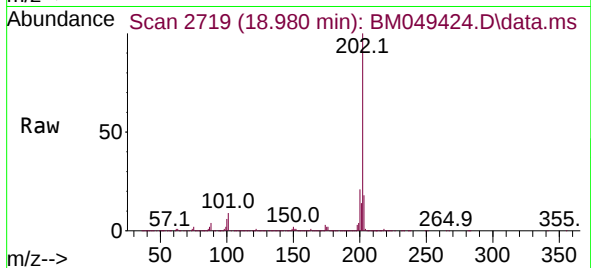
Tgt Ion:178 Resp: 484615
Ion Ratio Lower Upper
178 100
179 16.2 12.5 18.7
176 19.1 15.1 22.7





#80
Fluoranthene
Concen: 66.951 ng/ul
RT: 18.980 min Scan# 2719
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

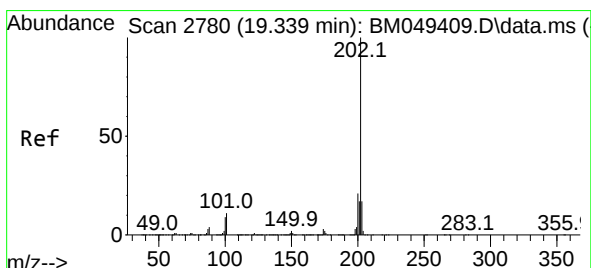
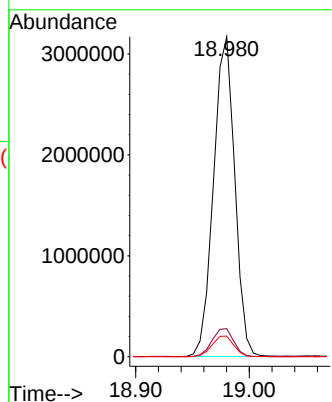
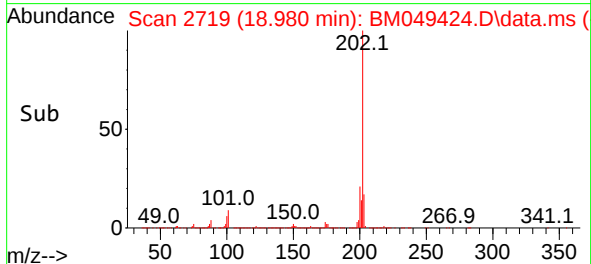
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



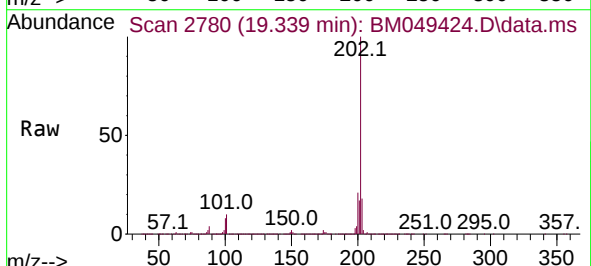
Tgt Ion:202 Resp: 4123259
Ion Ratio Lower Upper
202 100
101 8.8 7.0 10.4
100 6.5 5.0 7.6

Manual Integrations
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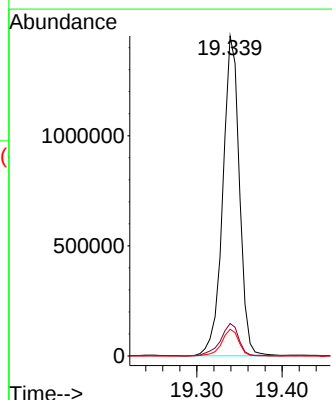
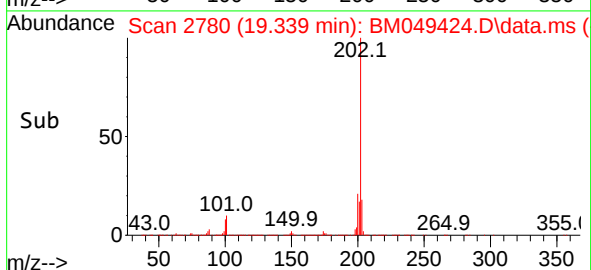
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

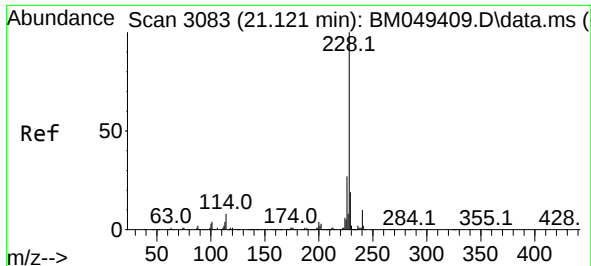


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Pyrene
Concen: 30.020 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07



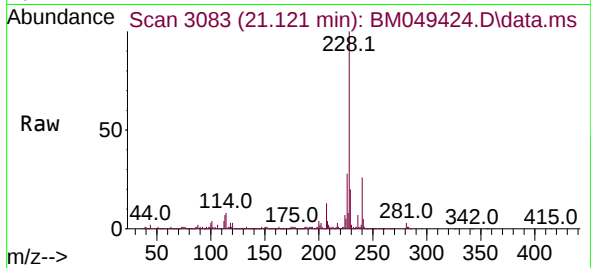
Tgt Ion:202 Resp: 1968044
Ion Ratio Lower Upper
202 100
101 10.1 7.8 11.8
100 8.3 6.6 10.0





#85
Benzo(a)anthracene
Concen: 10.496 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

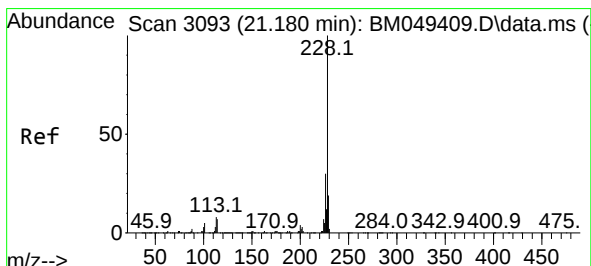
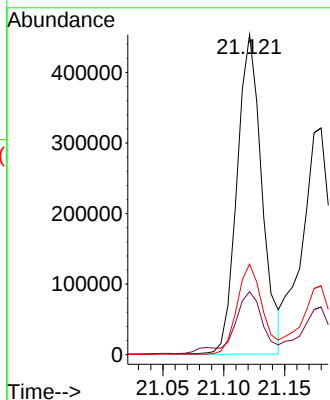
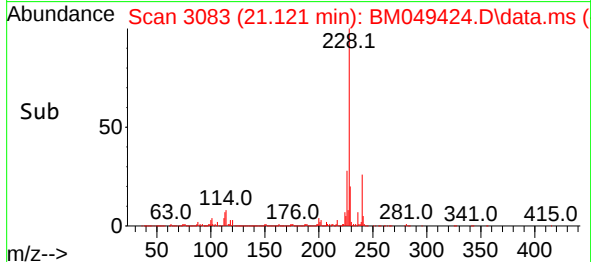
Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



Tgt Ion:228 Resp: 64418
Ion Ratio Lower Upper
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229 19.7 15.8 23.6
226 28.3 22.1 33.1

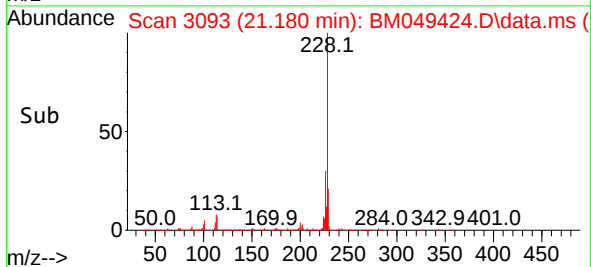
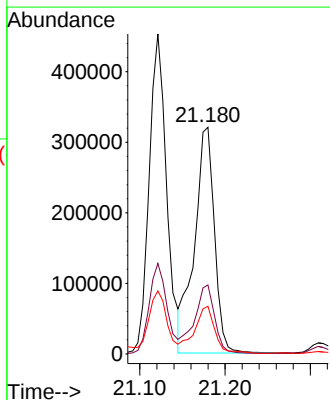
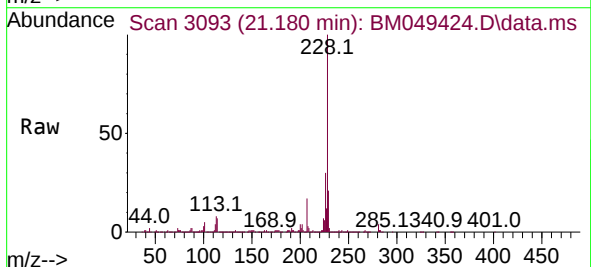
Manual Integrations
APPROVED

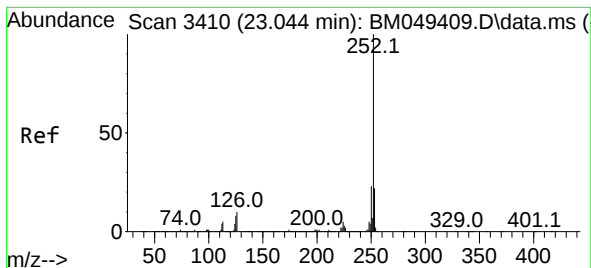
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#87
Chrysene
Concen: 9.382 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Tgt Ion:228 Resp: 525653
Ion Ratio Lower Upper
228 100
226 30.4 24.3 36.5
229 21.1 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 7.153 ng/ul

RT: 23.045 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM049424.D

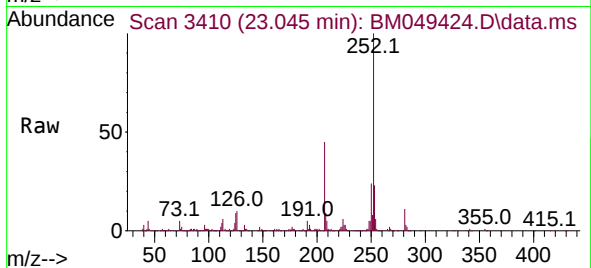
Acq: 23 Jan 2025 18:07

Instrument :

BNA_M

ClientSampleId :

DCZH3DL2



Tgt Ion:252 Resp: 41564

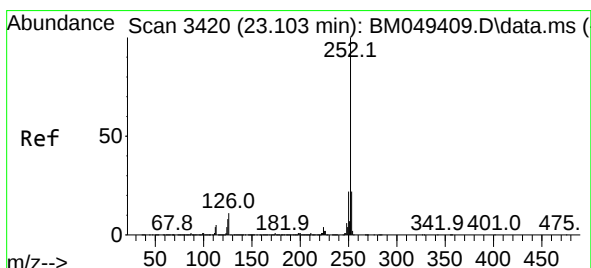
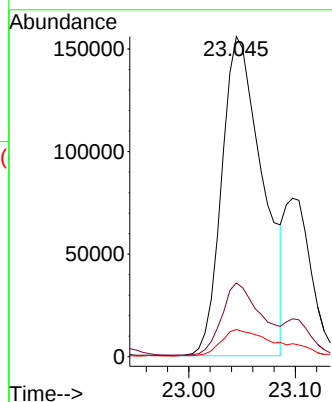
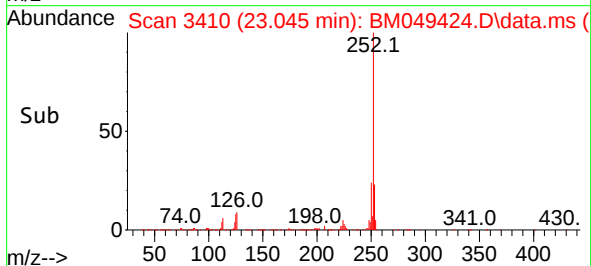
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.4	26.2
125	8.5	6.6	9.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/24/2025

Supervised By :mohammad ahmed 01/24/2025



#91

Benzo(k)fluoranthene

Concen: 2.242 ng/ul

RT: 23.097 min Scan# 3419

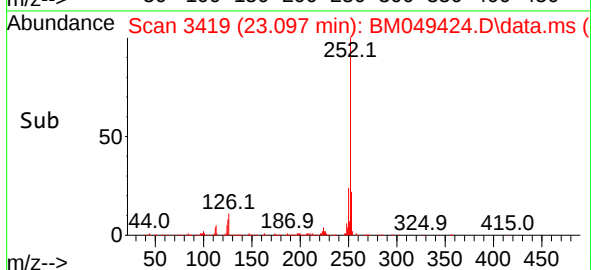
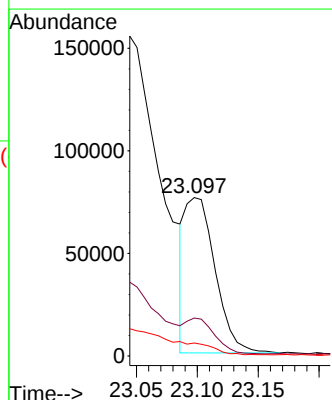
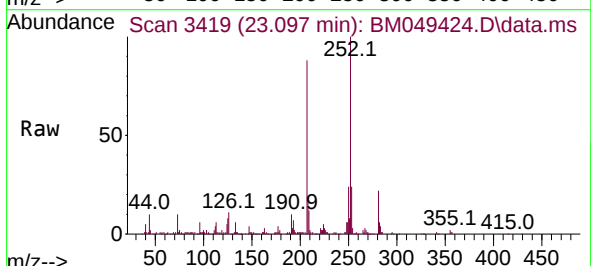
Delta R.T. -0.018 min

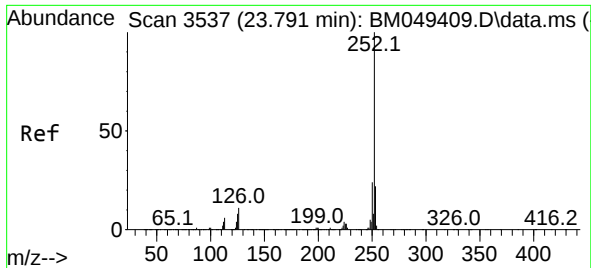
Lab File: BM049424.D

Acq: 23 Jan 2025 18:07

Tgt Ion:252 Resp: 129890

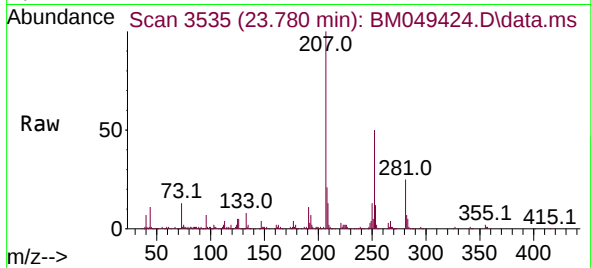
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	8.1	6.5	9.7





#93
Benzo(a)pyrene
Concen: 1.463 ng/ul
RT: 23.780 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM049424.D
Acq: 23 Jan 2025 18:07

Instrument :
BNA_M
ClientSampleId :
DCZH3DL2



Tgt Ion:252 Resp: 7680
Ion Ratio Lower Upper
252 100
253 22.9 17.4 26.2
125 9.5 6.9 10.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

