

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049430.D
 Acq On : 23 Jan 2025 22:40
 Operator : RC/JU
 Sample : Q1139-07DL2 30X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH4DL2

Quant Time: Jan 24 00:00:50 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	248959	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	893545	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	550439	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1052879	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	975906	20.000	ng/u1	-0.01
88) Perylene-d12	23.915	264	947593	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	6.722	99	9757	0.467	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	9065	0.651	ng/u1	0.00
11) 2-Chlorophenol-d4	7.063	132	8832	0.552	ng/u1	0.00
15) 4-Methylphenol-d8	8.239	113	6189m	0.382	ng/u1	0.00
21) Nitrobenzene-d5	8.675	128	3488	0.512	ng/u1	0.00
24) 2-Nitrophenol-d4	9.380	143	2489	0.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.933	165	7538m	0.485	ng/u1	0.02
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	13.580	166	31424	0.767	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	34806	0.744	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	27480	0.776	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	44083	0.847	ng/u1	-0.01
81) Pyrene-d10	19.309	212	41880	0.705	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.721	264	19795	0.389	ng/u1	-0.02
Target Compounds					Qvalue	
30) Naphthalene	10.327	128	3256808	68.679	ng/u1	99
36) 2-Methylnaphthalene	11.945	142	752093	22.164	ng/u1	99
37) 1-Methylnaphthalene	12.169	142	330936	9.802	ng/u1	100
52) Acenaphthene	14.221	153	717350	20.940	ng/u1	100
61) Fluorene	15.210	166	855167	21.515	ng/u1	99
72) Phenanthrene	16.951	178	5938163	101.449	ng/u1	99
74) Anthracene	17.039	178	1029705	17.526	ng/u1	99
80) Fluoranthene	18.974	202	2969130	43.506	ng/u1	99
82) Pyrene	19.339	202	1383093	19.039	ng/u1	99
85) Benzo(a)anthracene	21.121	228	389568	5.728	ng/u1	99
87) Chrysene	21.174	228	323127	5.204	ng/u1	98
90) Benzo(b)fluoranthene	23.044	252	161230	2.542	ng/u1	98
91) Benzo(k)fluoranthene	23.097	252	64984m	1.028	ng/u1	

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

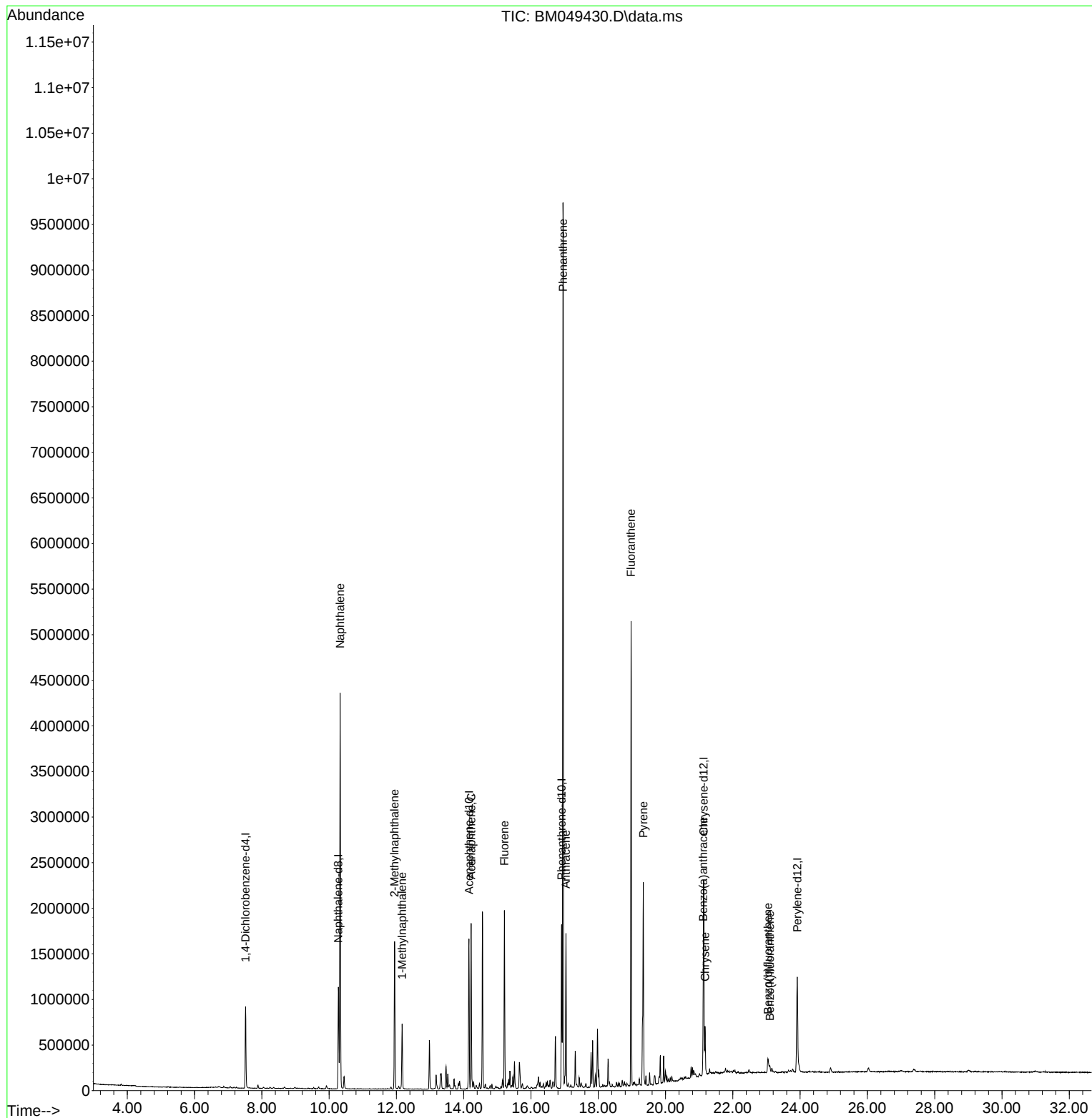
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049430.D
Acq On : 23 Jan 2025 22:40
Operator : RC/JU
Sample : Q1139-07DL2 30X
Misc :
ALS Vial : 53 Sample Multiplier: 1

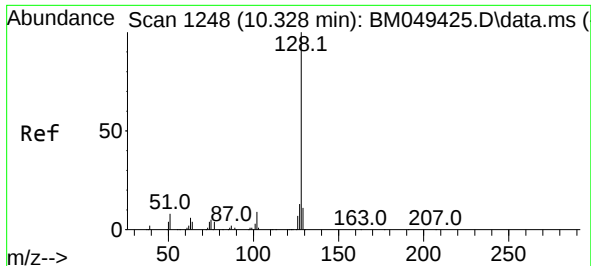
Instrument :
BNA_M
ClientSampleId :
DCZH4DL2

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Supervised By :mohammad ahmed 01/24/2025

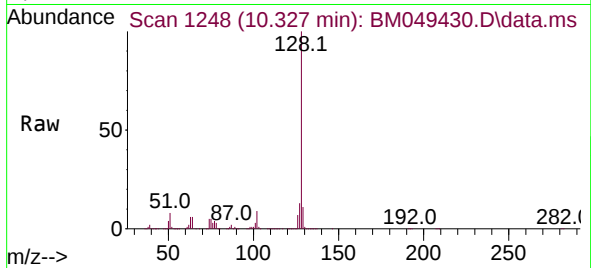
Quant Time: Jan 24 00:00:50 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration





#30
Naphthalene
Concen: 68.679 ng/ul
RT: 10.327 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

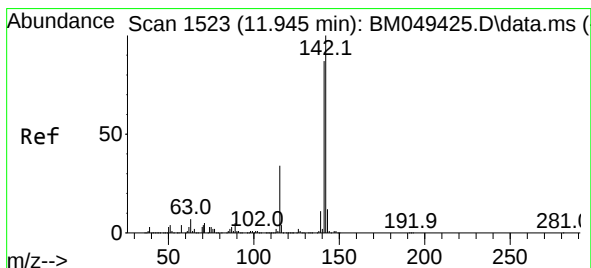
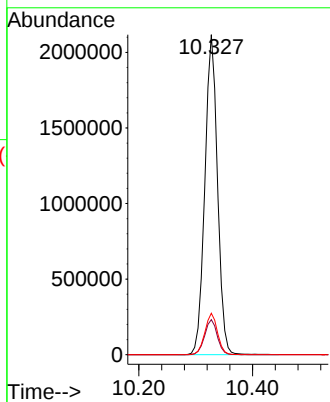
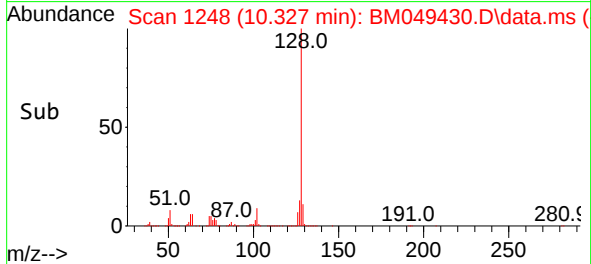
Instrument :
BNA_M
ClientSampleId :
DCZH4DL2



Tgt Ion:128 Resp: 3256808
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 12.9 10.2 15.2

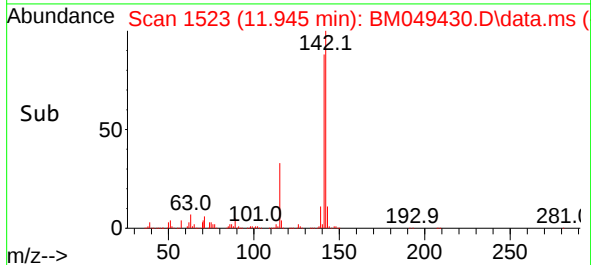
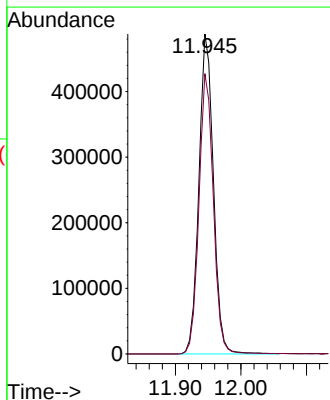
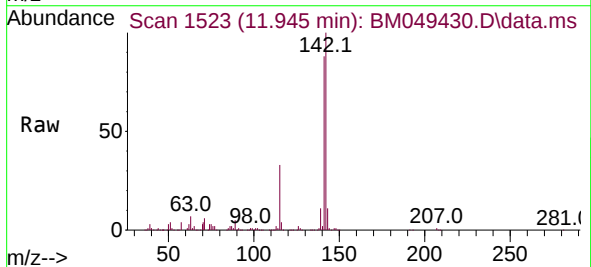
Manual Integrations
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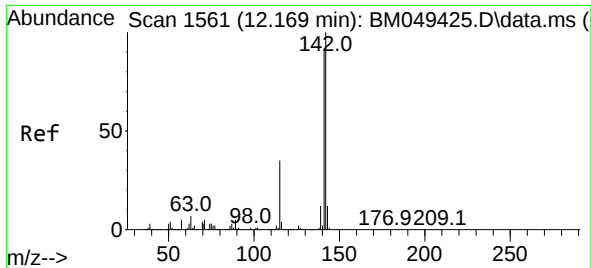
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#36
2-Methylnaphthalene
Concen: 22.164 ng/ul
RT: 11.945 min Scan# 1523
Delta R.T. -0.012 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

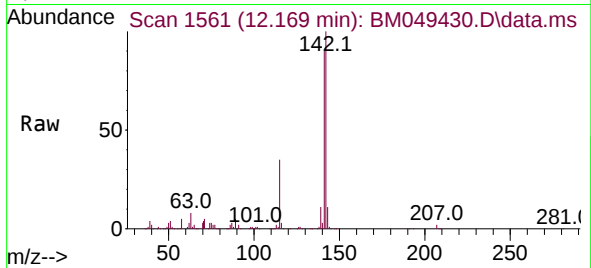
Tgt Ion:142 Resp: 752093
Ion Ratio Lower Upper
142 100
141 87.6 69.6 104.4





#37
1-Methylnaphthalene
Concen: 9.802 ng/ul
RT: 12.169 min Scan# 1561
Delta R.T. -0.012 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

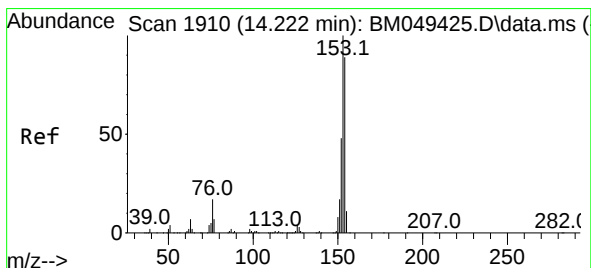
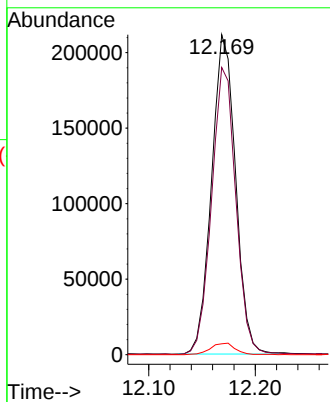
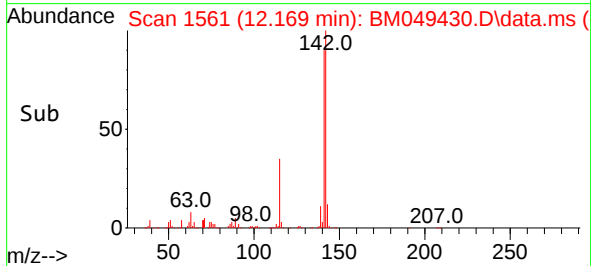
Instrument :
BNA_M
ClientSampleId :
DCZH4DL2



Tgt Ion:142 Resp: 330930
Ion Ratio Lower Upper
142 100
141 89.7 71.9 107.9
116 3.4 2.8 4.2

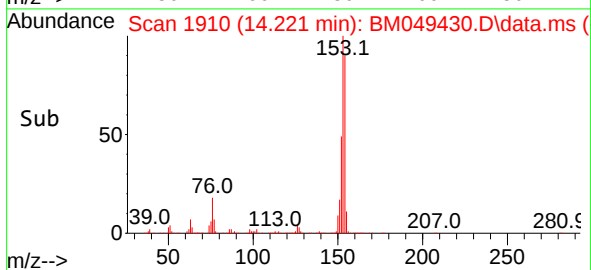
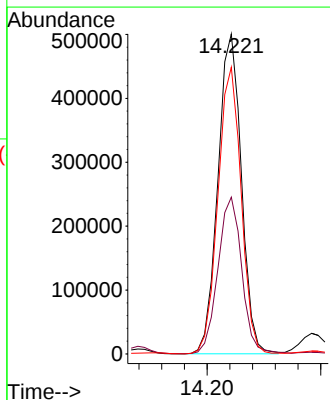
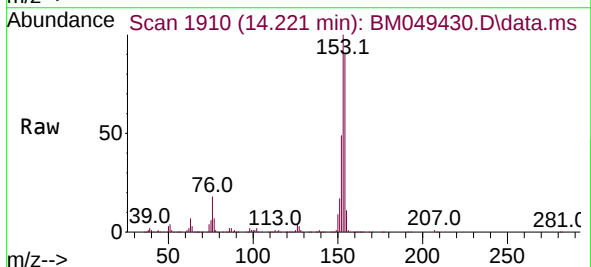
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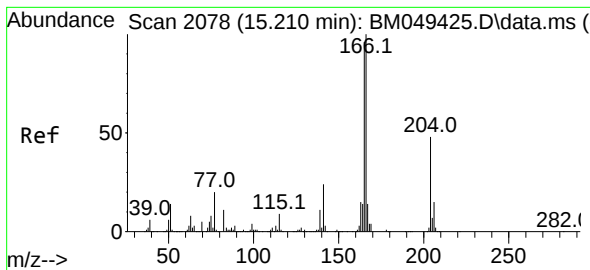
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#52
Acenaphthene
Concen: 20.940 ng/ul
RT: 14.221 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

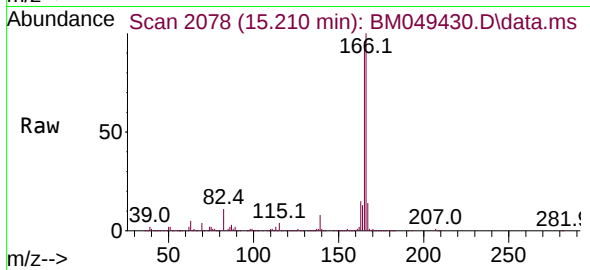
Tgt Ion:153 Resp: 717350
Ion Ratio Lower Upper
153 100
152 49.0 39.0 58.6
154 89.6 71.6 107.4





#61
Fluorene
Concen: 21.515 ng/ul
RT: 15.210 min Scan# 2078
Delta R.T. -0.012 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

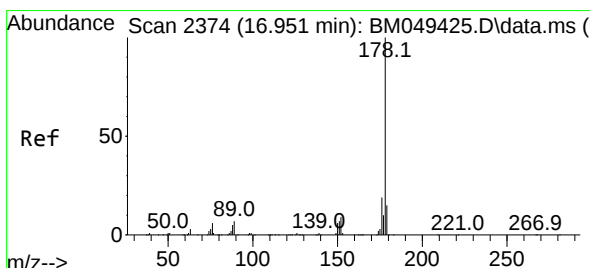
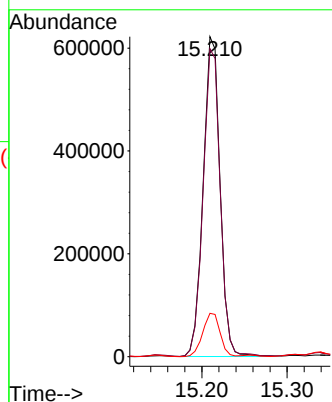
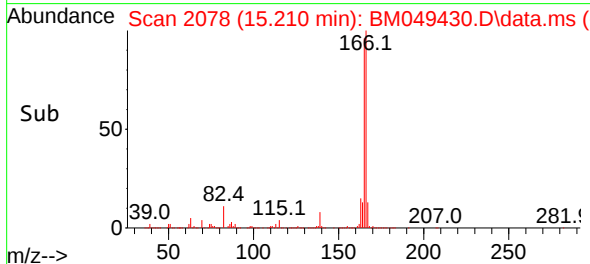
Instrument :
BNA_M
ClientSampleId :
DCZH4DL2



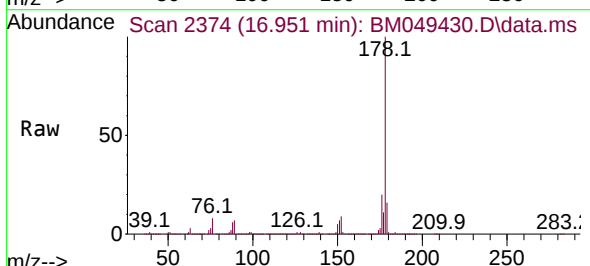
Tgt Ion:166 Resp: 85516
Ion Ratio Lower Upper
166 100
165 96.2 77.7 116.5
167 13.5 10.7 16.1

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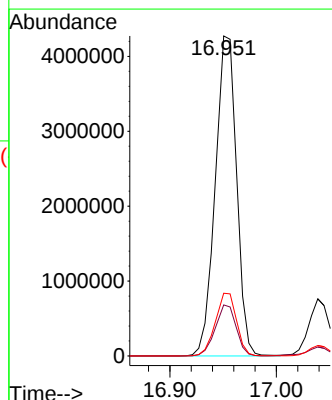
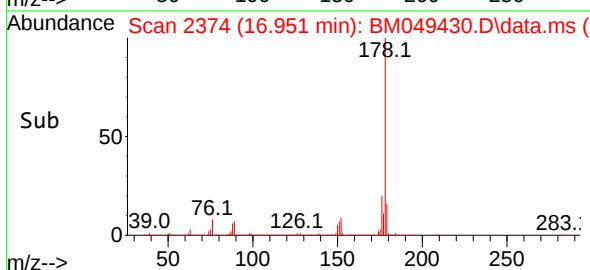
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

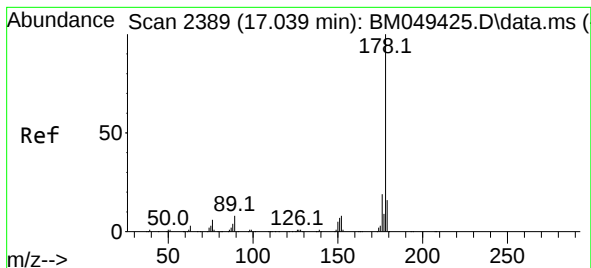


#72
Phenanthrene
Concen: 101.449 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40



Tgt Ion:178 Resp: 5938163
Ion Ratio Lower Upper
178 100
179 16.0 12.6 19.0
176 19.6 15.4 23.2





#74

Anthracene

Concen: 17.526 ng/u1

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049430.D

Acq: 23 Jan 2025 22:40

Instrument :

BNA_M

ClientSampleId :

DCZH4DL2

Tgt Ion:178 Resp: 102970

Ion Ratio Lower Upper

178 100

179 15.7 12.5 18.7

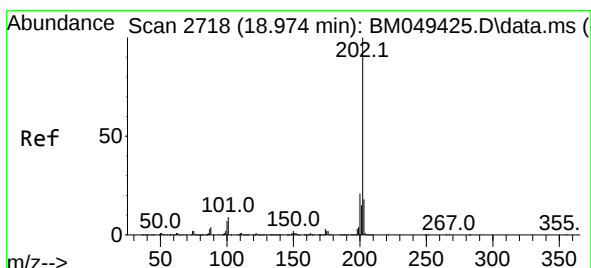
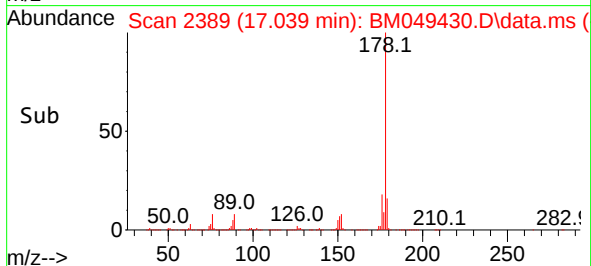
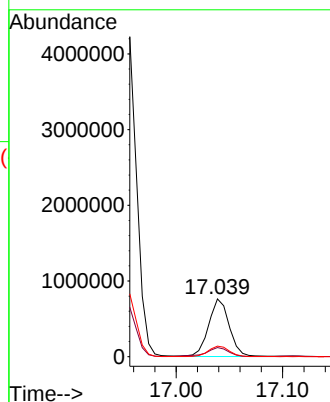
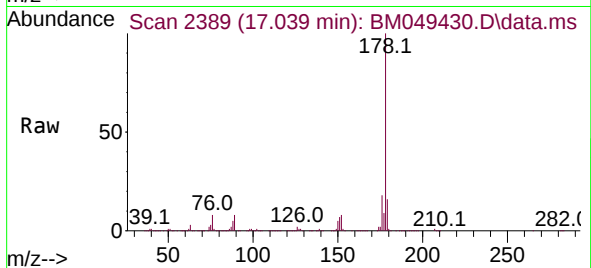
176 18.3 15.1 22.7

Manual Integrations

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Supervised By :mohammad ahmed 01/24/2025



#80

Fluoranthene

Concen: 43.506 ng/u1

RT: 18.974 min Scan# 2718

Delta R.T. -0.012 min

Lab File: BM049430.D

Acq: 23 Jan 2025 22:40

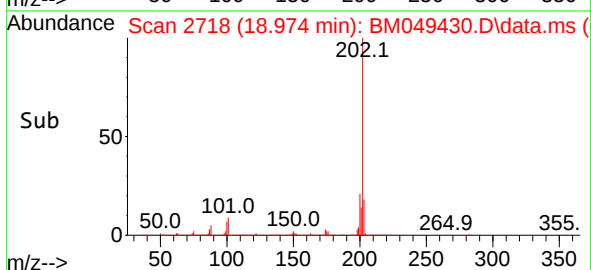
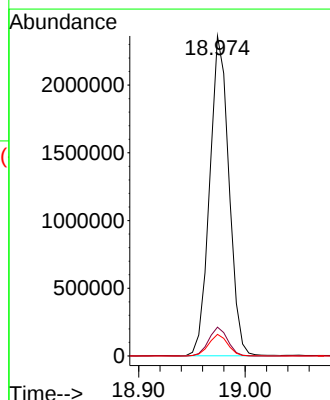
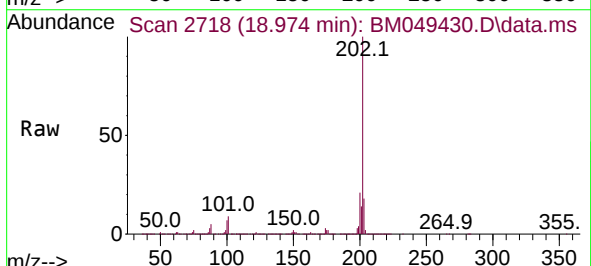
Tgt Ion:202 Resp: 2969130

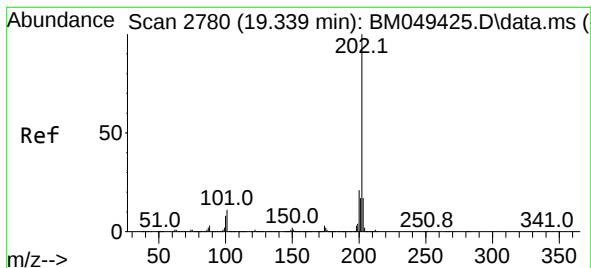
Ion Ratio Lower Upper

202 100

101 9.0 7.0 10.4

100 6.8 5.0 7.6





#82

Pyrene

Concen: 19.039 ng/u1

RT: 19.339 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM049430.D

Acq: 23 Jan 2025 22:40

Instrument :

BNA_M

ClientSampleId :

DCZH4DL2

Tgt Ion:202 Resp: 138309

Ion Ratio Lower Upper

202 100

101 10.2 7.8 11.8

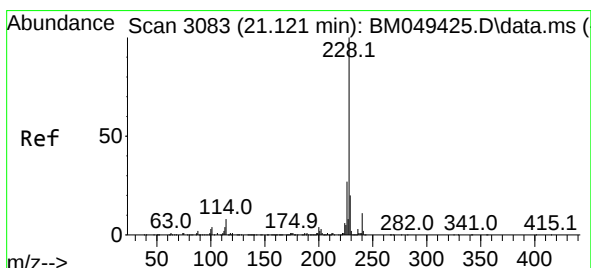
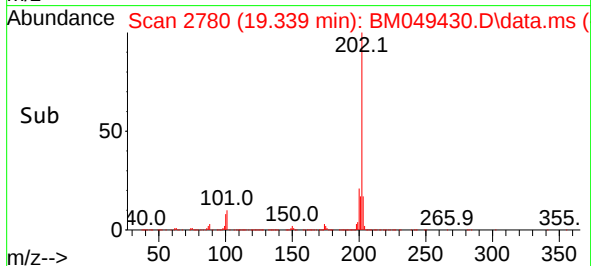
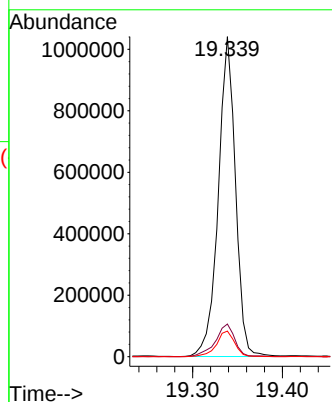
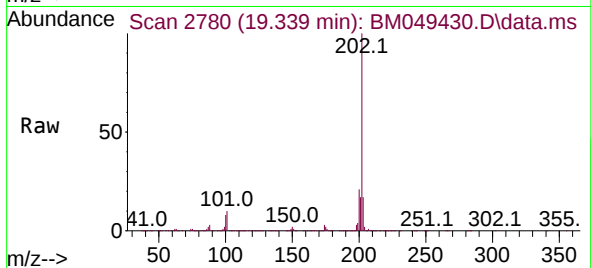
100 8.0 6.6 10.0

Manual Integrations

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Supervised By :mohammad ahmed 01/24/2025



#85

Benzo(a)anthracene

Concen: 5.728 ng/u1

RT: 21.121 min Scan# 3083

Delta R.T. -0.012 min

Lab File: BM049430.D

Acq: 23 Jan 2025 22:40

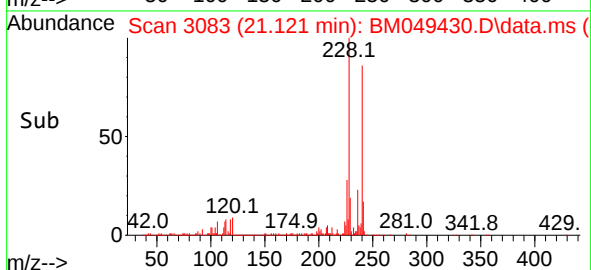
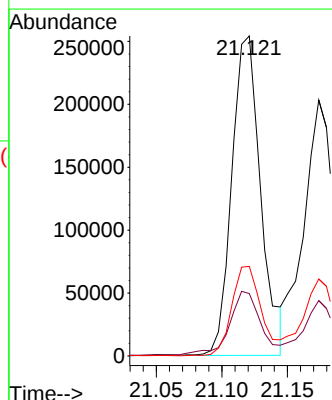
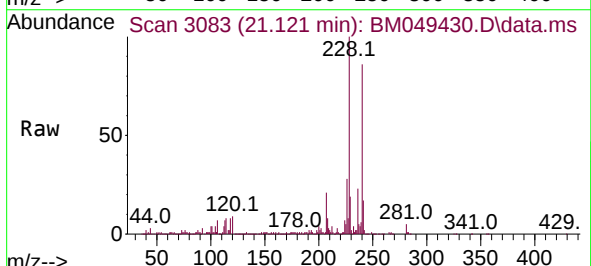
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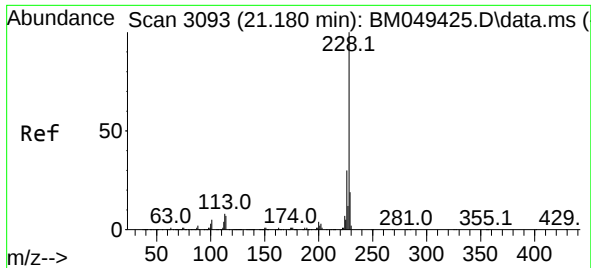
Ion Ratio Lower Upper

228 100

229 19.5 15.8 23.6

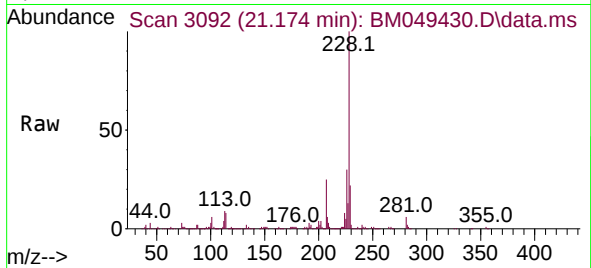
226 28.0 22.1 33.1





#87
Chrysene
Concen: 5.204 ng/ul
RT: 21.174 min Scan# 3093
Delta R.T. -0.012 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

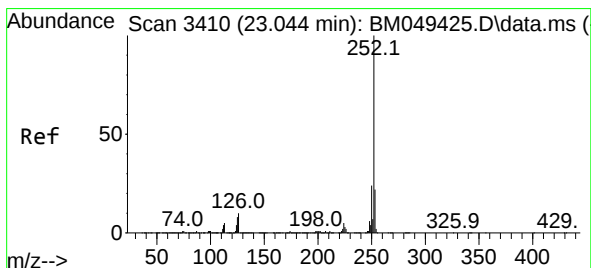
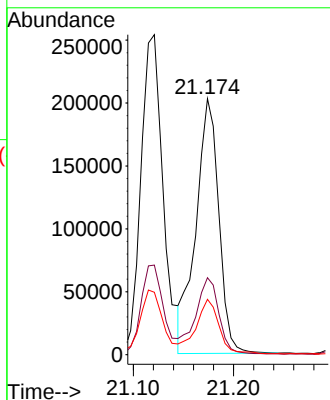
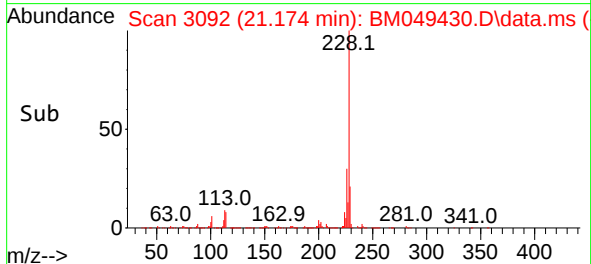
Instrument :
BNA_M
ClientSampleId :
DCZH4DL2



Tgt Ion:228 Resp: 32312
Ion Ratio Lower Upper
228 100
226 30.1 24.3 36.5
229 21.6 16.0 24.0

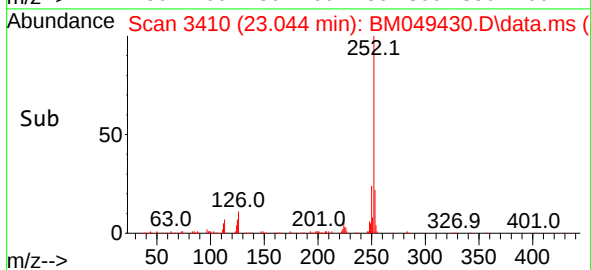
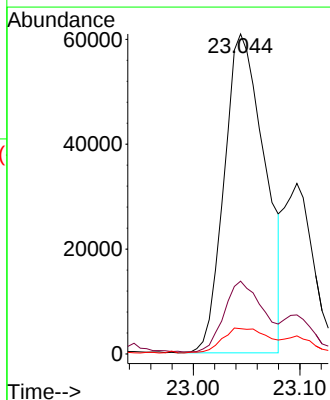
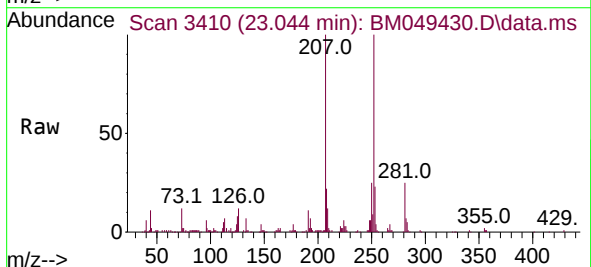
Manual Integrations
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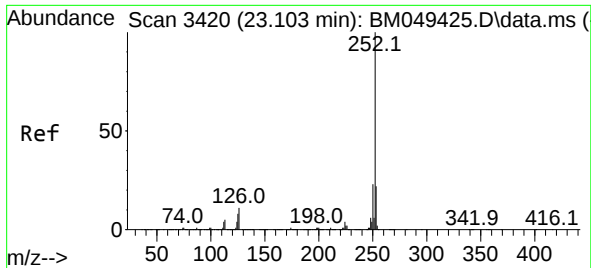
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#90
Benzo(b)fluoranthene
Concen: 2.542 ng/ul
RT: 23.044 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

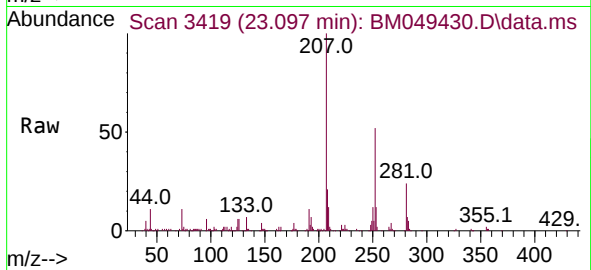
Tgt Ion:252 Resp: 161230
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 7.9 6.6 9.8





#91
Benzo(k)fluoranthene
Concen: 1.028 ng/ul m
RT: 23.097 min Scan# 34
Delta R.T. -0.018 min
Lab File: BM049430.D
Acq: 23 Jan 2025 22:40

Instrument :
BNA_M
ClientSampleId :
DCZH4DL2



Tgt Ion:252 Resp: 64984
Ion Ratio Lower Upper
252 100
253 22.9 17.6 26.4
125 10.6 6.5 9.7

Manual Integrations
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Supervised By :mohammad ahmed 01/24/2025

