

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049418.D
 Acq On : 23 Jan 2025 14:13
 Operator : RC/JU
 Sample : Q1139-11DL 10X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZH8DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 23 22:58:06 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.516	152	209149	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	753463	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	461448	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	939866	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	951120	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	941653	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	3879	0.767	ng/uL	0.00
4) Pyridine-d5	3.522	84	37184	2.311	ng/u1	0.01
7) Phenol-d5	6.716	99	40343	2.298	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	31389	2.685	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	35946	2.676	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	28252	2.075	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	14296	2.488	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	12176	1.896	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	28485	2.173	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	27044	1.568	ng/u1	0.00
46) Dimethylphthalate-d6	13.580	166	99414	2.895	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	110077	2.808	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	0.00
60) Fluorene-d10	15.157	176	86281	2.908	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	4242m	0.708	ng/u1	0.00
73) Anthracene-d10	17.004	188	133985	2.884	ng/u1	-0.01
81) Pyrene-d10	19.309	212	159115	2.749	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	124883	2.471	ng/u1	-0.02
Target Compounds						
					Qvalue	
30) Naphthalene	10.328	128	103540	2.589	ng/u1	98
52) Acenaphthene	14.222	153	373146	12.993	ng/u1	97
61) Fluorene	15.210	166	447316	13.424	ng/u1	98
72) Phenanthrene	16.951	178	1960330	37.518	ng/u1	99
74) Anthracene	17.039	178	878582	16.752	ng/u1	99
80) Fluoranthene	18.980	202	4576142	68.800	ng/u1	100
82) Pyrene	19.339	202	3040423	42.943	ng/u1	98
85) Benzo(a)anthracene	21.121	228	654125	9.869	ng/u1	99
87) Chrysene	21.174	228	644294	10.648	ng/u1	100
90) Benzo(b)fluoranthene	23.045	252	365509	5.799	ng/u1	99
91) Benzo(k)fluoranthene	23.103	252	109804	1.747	ng/u1	99
93) Benzo(a)pyrene	23.786	252	186576	3.277	ng/u1	99
96) Benzo(g,h,i)perylene	27.944	276	52705m	1.081	ng/u1	

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

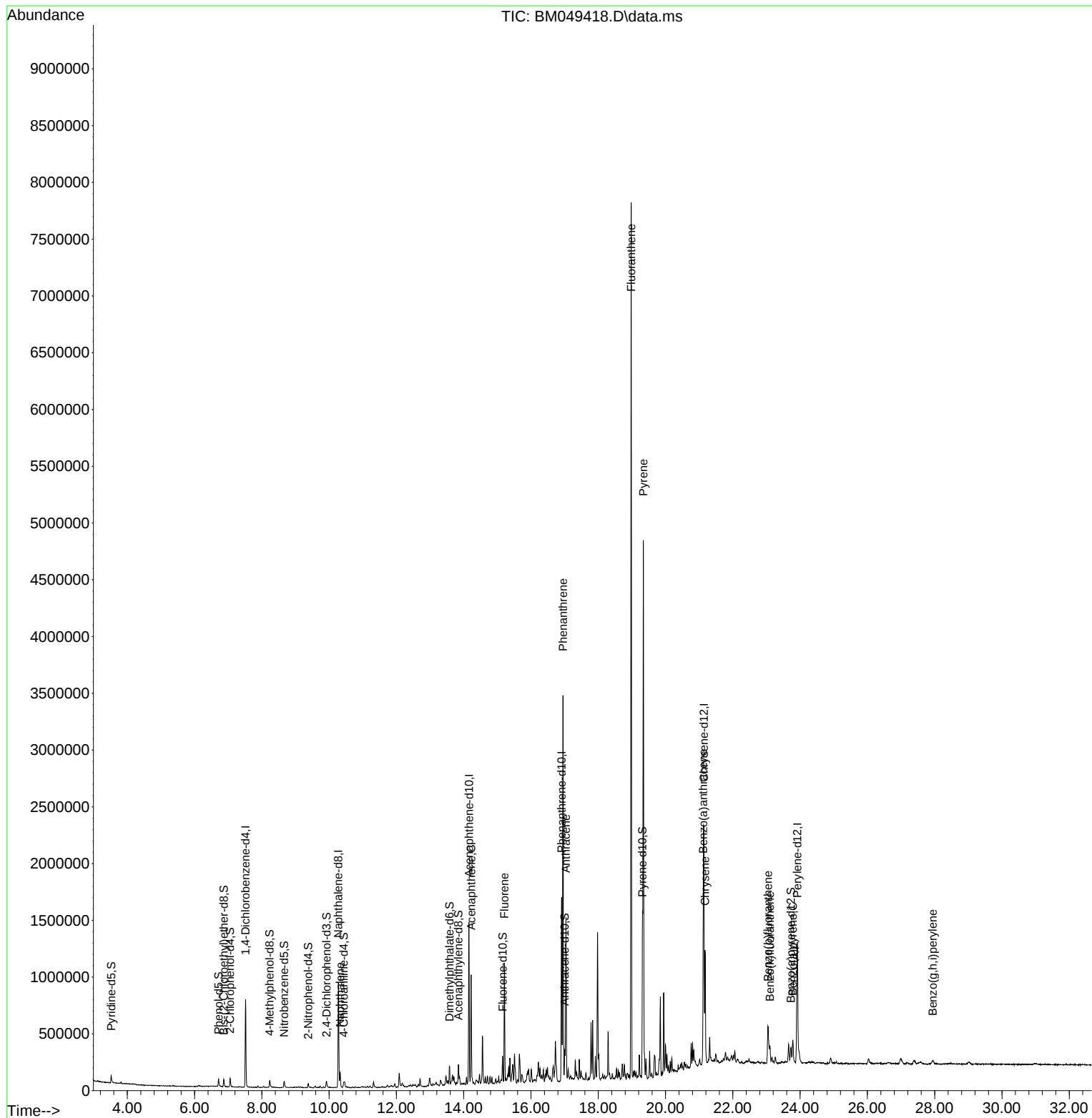
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049418.D
Acq On : 23 Jan 2025 14:13
Operator : RC/JU
Sample : Q1139-11DL 10X
Misc :
ALS Vial : 40 Sample Multiplier: 1

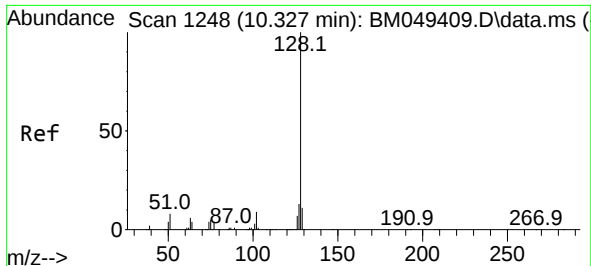
Instrument :
BNA_M
ClientSampleId :
DCZH8DL

Quant Time: Jan 23 22:58:06 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

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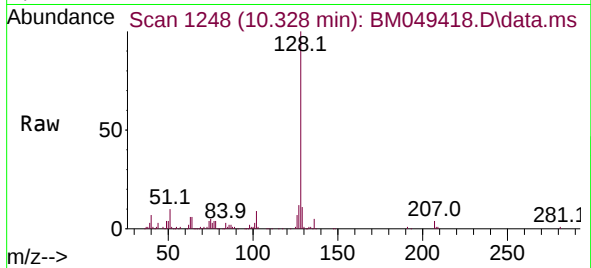
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025





#30
Naphthalene
Concen: 2.589 ng/u1
RT: 10.328 min Scan# 1248
Delta R.T. -0.006 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

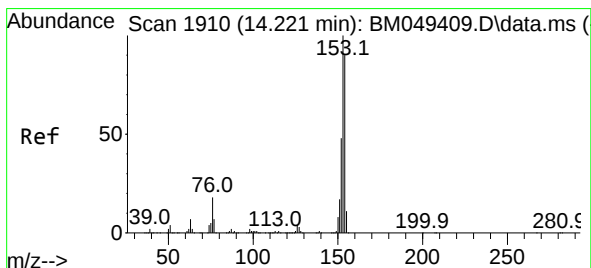
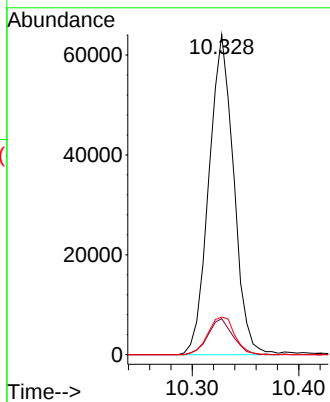
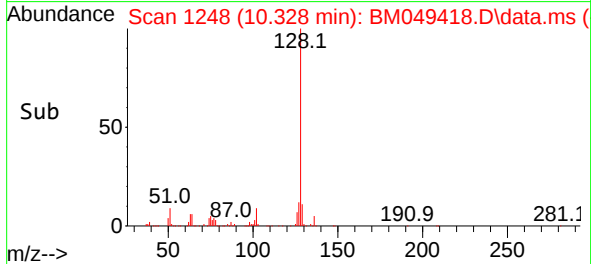
Instrument :
BNA_M
ClientSampleId :
DCZH8DL



Tgt Ion:128 Resp: 103540
Ion Ratio Lower Upper
128 100
129 11.3 8.5 12.7
127 11.8 10.2 15.2

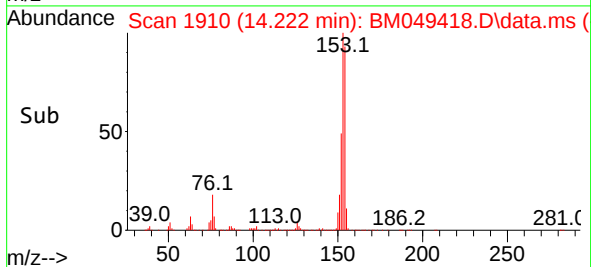
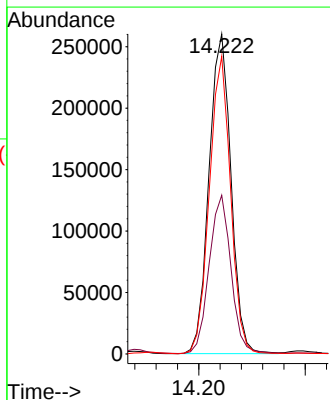
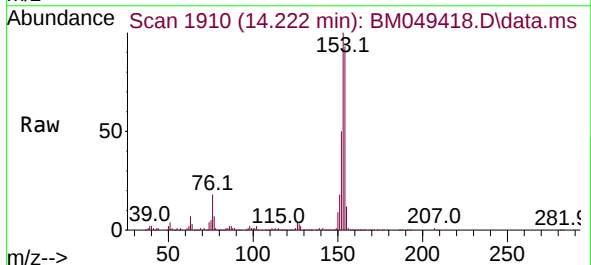
Manual Integrations
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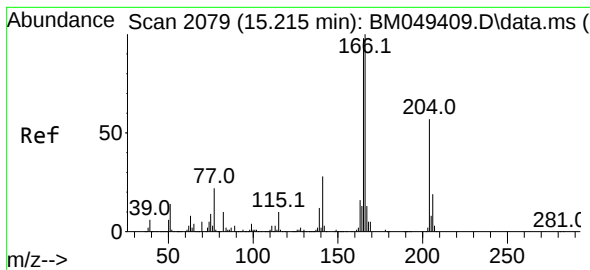
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#52
Acenaphthene
Concen: 12.993 ng/u1
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

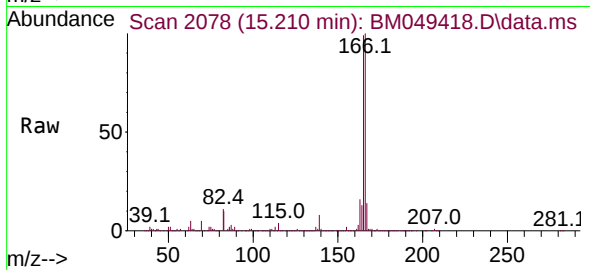
Tgt Ion:153 Resp: 373146
Ion Ratio Lower Upper
153 100
152 49.6 39.0 58.6
154 93.0 71.6 107.4





#61
Fluorene
Concen: 13.424 ng/ul
RT: 15.210 min Scan# 2079
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

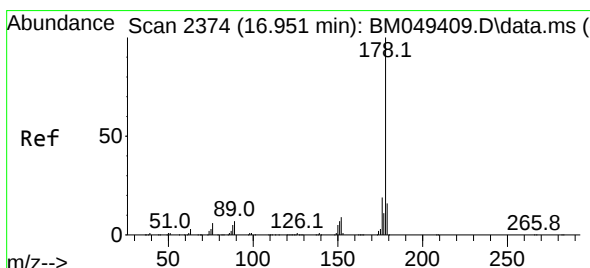
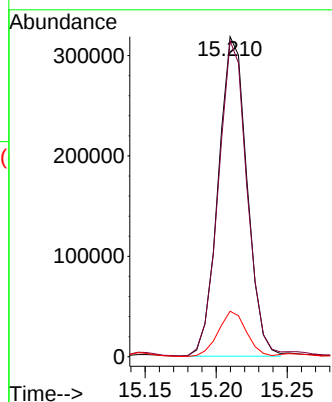
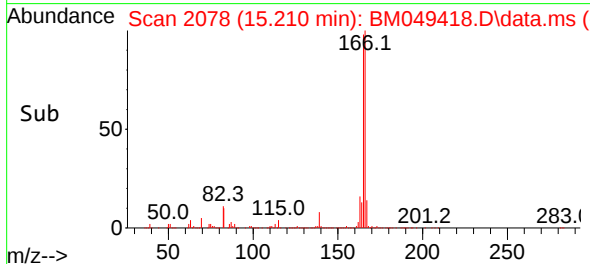
Instrument :
BNA_M
ClientSampleId :
DCZH8DL



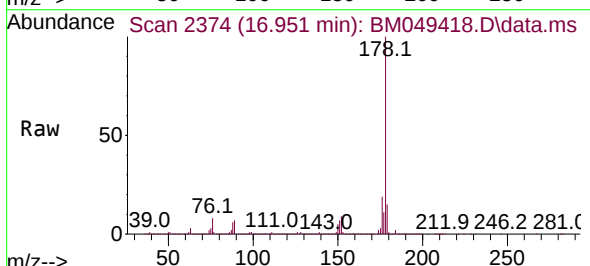
Tgt Ion:166 Resp: 447310
Ion Ratio Lower Upper
166 100
165 98.7 77.7 116.5
167 14.2 10.7 16.1

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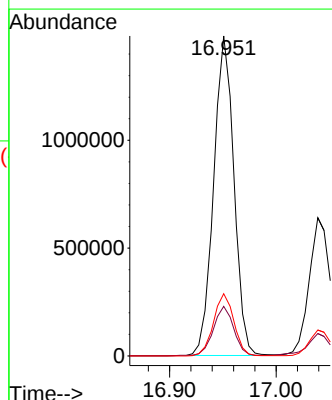
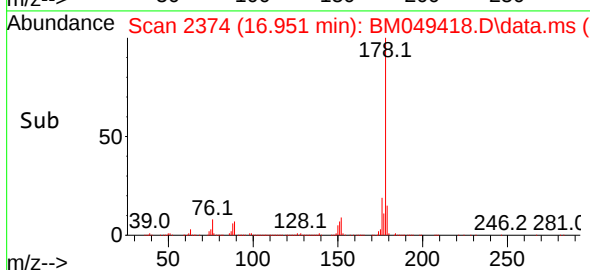
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

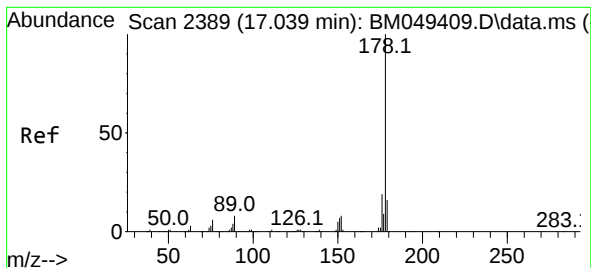


#72
Phenanthrene
Concen: 37.518 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. -0.006 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13



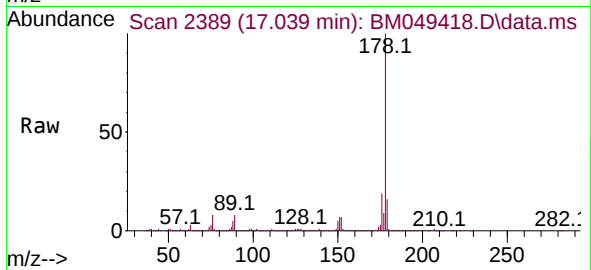
Tgt Ion:178 Resp: 1960330
Ion Ratio Lower Upper
178 100
179 15.5 12.6 19.0
176 19.5 15.4 23.2





#74
 Anthracene
 Concen: 16.752 ng/u1
 RT: 17.039 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM049418.D
 Acq: 23 Jan 2025 14:13

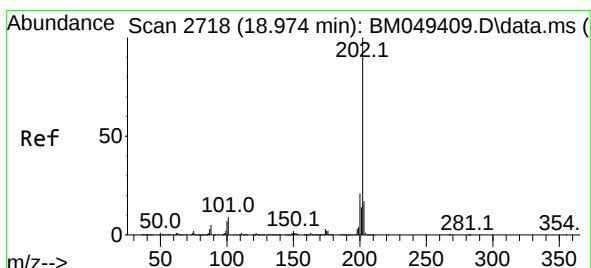
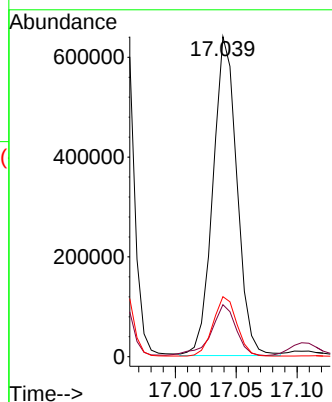
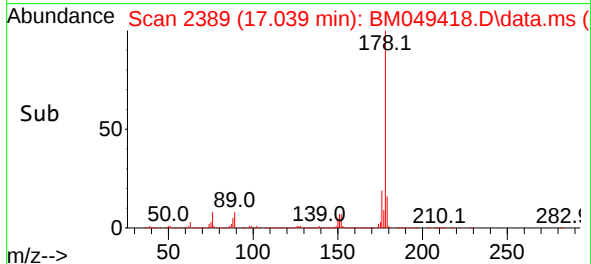
Instrument :
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 ClientSampleId :
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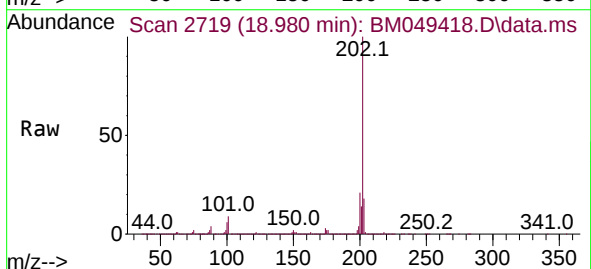
Tgt Ion:178 Resp: 87858
 Ion Ratio Lower Upper
 178 100
 179 16.2 12.5 18.7
 176 18.8 15.1 22.7

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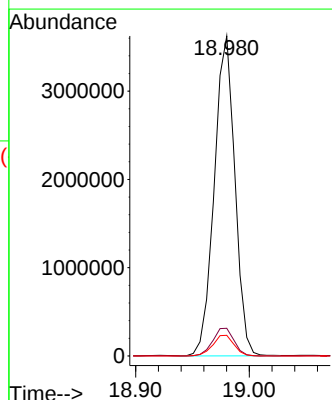
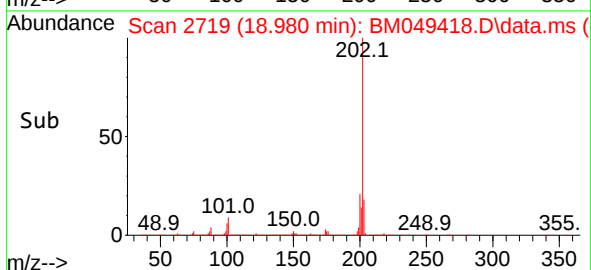
Reviewed By :Yogesh Patel 01/24/2025
 Supervised By :mohammad ahmed 01/24/2025

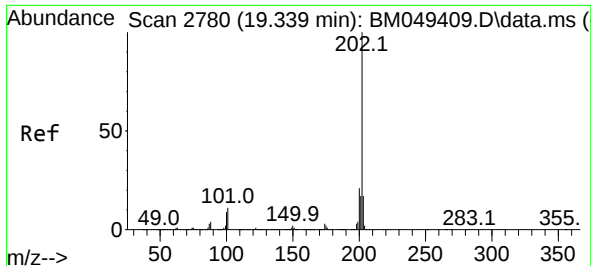


#80
 Fluoranthene
 Concen: 68.800 ng/u1
 RT: 18.980 min Scan# 2719
 Delta R.T. -0.006 min
 Lab File: BM049418.D
 Acq: 23 Jan 2025 14:13



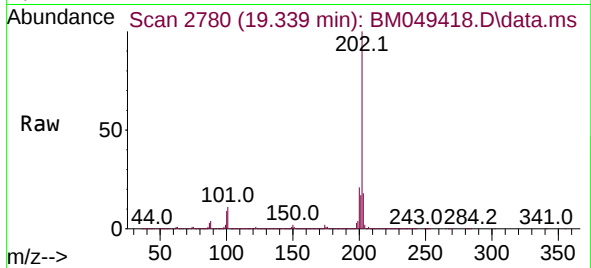
Tgt Ion:202 Resp: 4576142
 Ion Ratio Lower Upper
 202 100
 101 8.7 7.0 10.4
 100 6.4 5.0 7.6





#82
Pyrene
Concen: 42.943 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

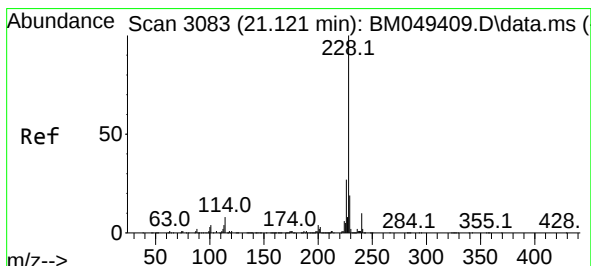
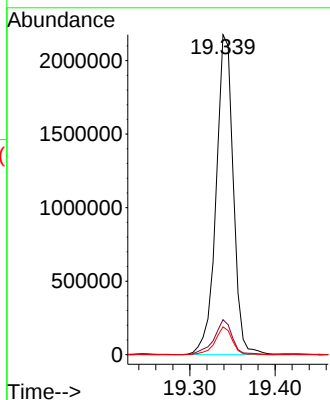
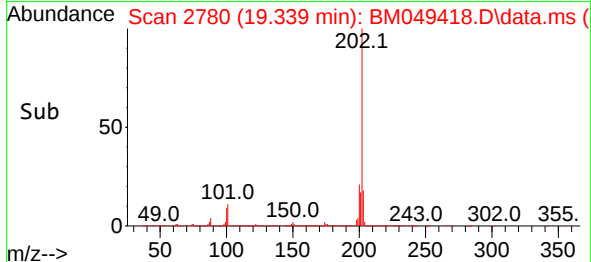
Instrument :
BNA_M
ClientSampleId :
DCZH8DL



Tgt Ion:202 Resp: 304042
Ion Ratio Lower Upper
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101 11.0 7.8 11.8
100 8.7 6.6 10.0

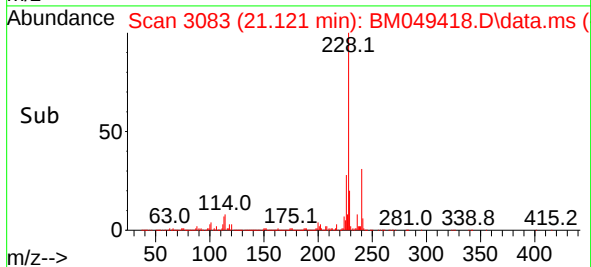
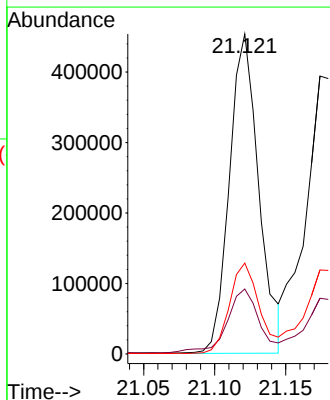
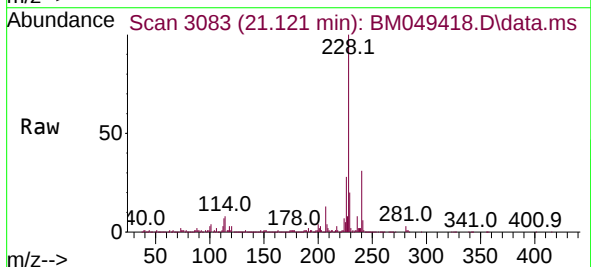
Manual Integrations
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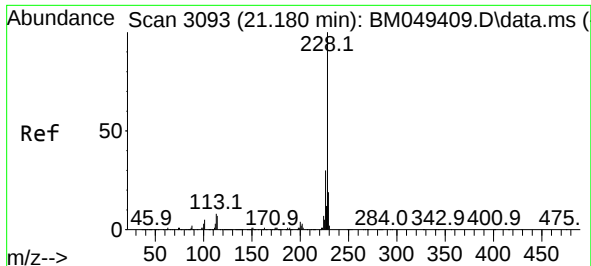
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#85
Benzo(a)anthracene
Concen: 9.869 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

Tgt Ion:228 Resp: 654125
Ion Ratio Lower Upper
228 100
229 20.3 15.8 23.6
226 28.4 22.1 33.1





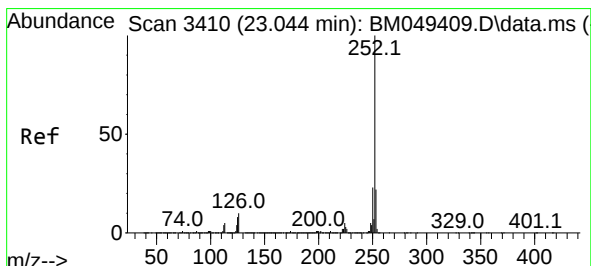
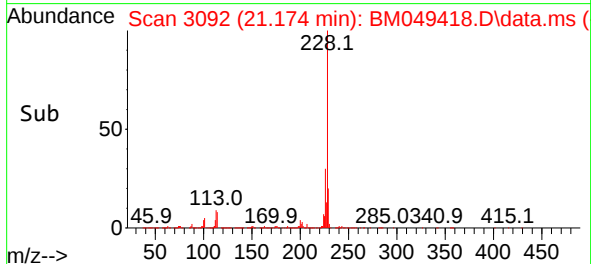
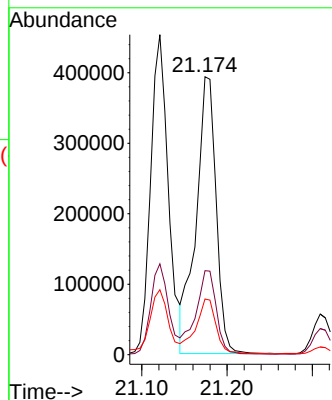
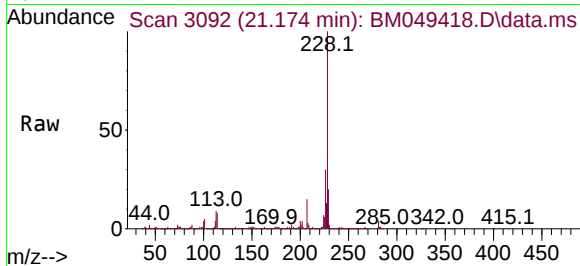
#87
Chrysene
Concen: 10.648 ng/u1
RT: 21.174 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

Instrument :
BNA_M
ClientSampleId :
DCZH8DL

Tgt Ion:228 Resp: 644294
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.0 16.0 24.0

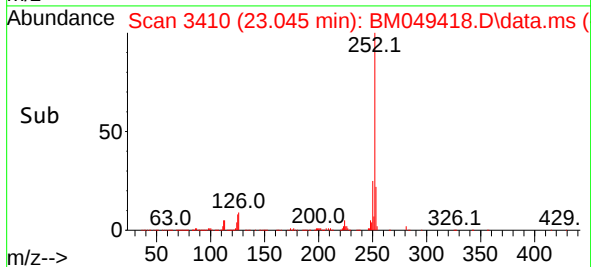
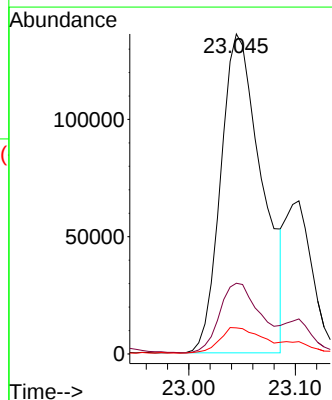
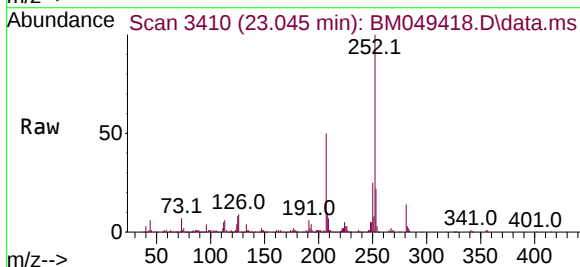
Manual Integrations
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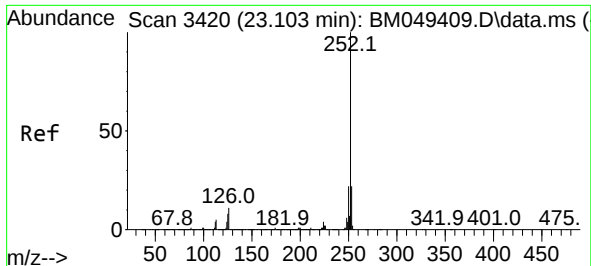
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#90
Benzo(b)fluoranthene
Concen: 5.799 ng/u1
RT: 23.045 min Scan# 3410
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

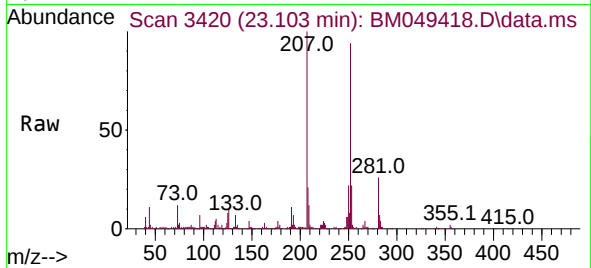
Tgt Ion:252 Resp: 365509
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 8.2 6.6 9.8





#91
Benzo(k)fluoranthene
Concen: 1.747 ng/ul
RT: 23.103 min Scan# 3420
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

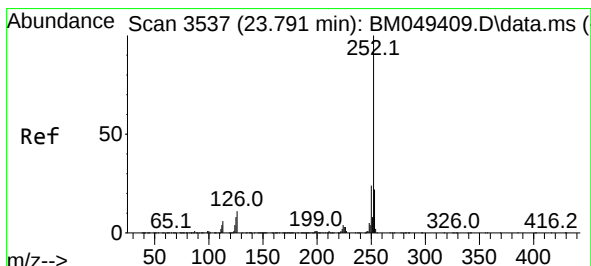
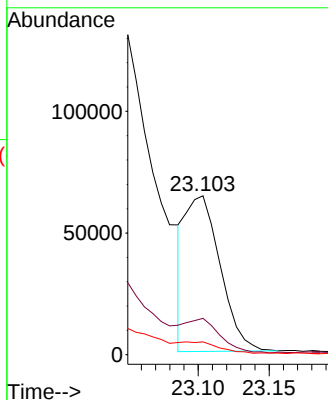
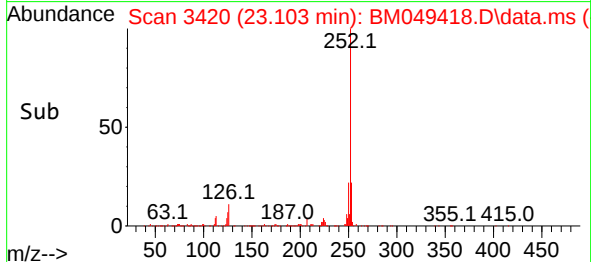
Instrument :
BNA_M
ClientSampleId :
DCZH8DL



Tgt Ion:252 Resp: 109804
Ion Ratio Lower Upper
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253 22.9 17.6 26.4
125 8.1 6.5 9.7

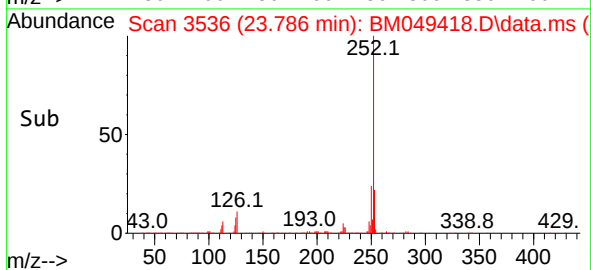
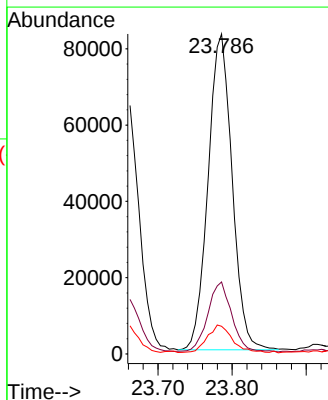
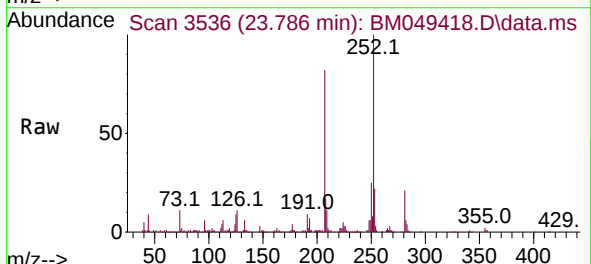
Manual Integrations
APPROVED

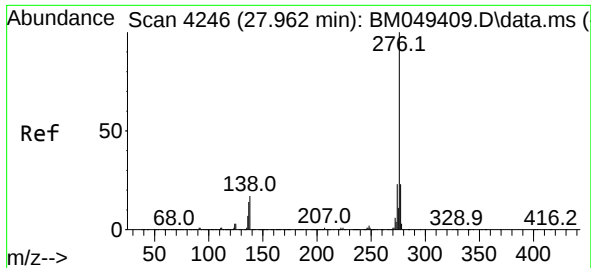
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#93
Benzo(a)pyrene
Concen: 3.277 ng/ul
RT: 23.786 min Scan# 3536
Delta R.T. -0.012 min
Lab File: BM049418.D
Acq: 23 Jan 2025 14:13

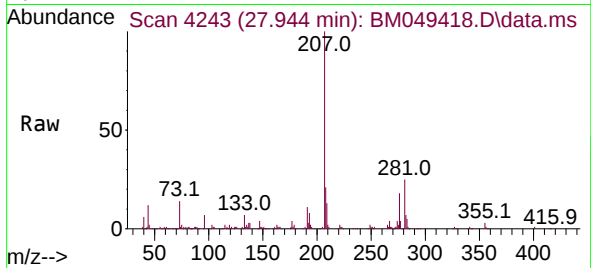
Tgt Ion:252 Resp: 186576
Ion Ratio Lower Upper
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253 22.5 17.4 26.2
125 8.7 6.9 10.3





#96
 Benzo(g,h,i)perylene
 Concen: 1.081 ng/ul m
 RT: 27.944 min Scan# 41
 Delta R.T. -0.035 min
 Lab File: BM049418.D
 Acq: 23 Jan 2025 14:13

Instrument :
 BNA_M
 ClientSampleId :
 DCZH8DL



Tgt Ion: 276 Resp: 5270

Ion	Ratio	Lower	Upper
276	100		
138	16.1	14.1	21.1
277	24.3	19.4	29.0

Manual Integrations
 APPROVED

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

