

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049423.D
 Acq On : 23 Jan 2025 17:28
 Operator : RC/JU
 Sample : Q1139-13DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZJ0DL

Manual Integrations
 APPROVED

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

Quant Time: Jan 24 01:05:53 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	230164	20.000	ng/u1	0.00
20) Naphthalene-d8	10.275	136	829537	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.157	164	509218	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1001040	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1015233	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1056502	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.122	96	4618	0.830	ng/uL	0.00
4) Pyridine-d5	3.522	84	53791	3.037	ng/u1	0.01
7) Phenol-d5	6.710	99	67325	3.485	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.869	67	48760	3.790	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	57905	3.918	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	47925	3.199	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	22738	3.594	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	20539	2.904	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	47600m	3.299	ng/u1	0.00
31) 4-Chloroaniline-d4	10.434	131	42604	2.244	ng/u1	0.00
46) Dimethylphthalate-d6	13.580	166	150727	3.977	ng/u1	0.00
49) Acenaphthylene-d8	13.845	160	166884	3.857	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.157	176	126134	3.852	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.004	188	202239	4.087	ng/u1	-0.01
81) Pyrene-d10	19.309	212	224283	3.630	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.727	264	193808	3.417	ng/u1	-0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	16.951	178	108713	1.953	ng/u1	99
74) Anthracene	17.039	178	197443	3.535	ng/u1	99
80) Fluoranthene	18.974	202	2111669	29.743	ng/u1	99
82) Pyrene	19.339	202	1518633	20.095	ng/u1	99
85) Benzo(a)anthracene	21.121	228	441756	6.244	ng/u1	99
87) Chrysene	21.180	228	405748	6.282	ng/u1	99
90) Benzo(b)fluoranthene	23.044	252	234985	3.323	ng/u1	98
91) Benzo(k)fluoranthene	23.097	252	95065m	1.348	ng/u1	
93) Benzo(a)pyrene	23.786	252	125638	1.967	ng/u1	99

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

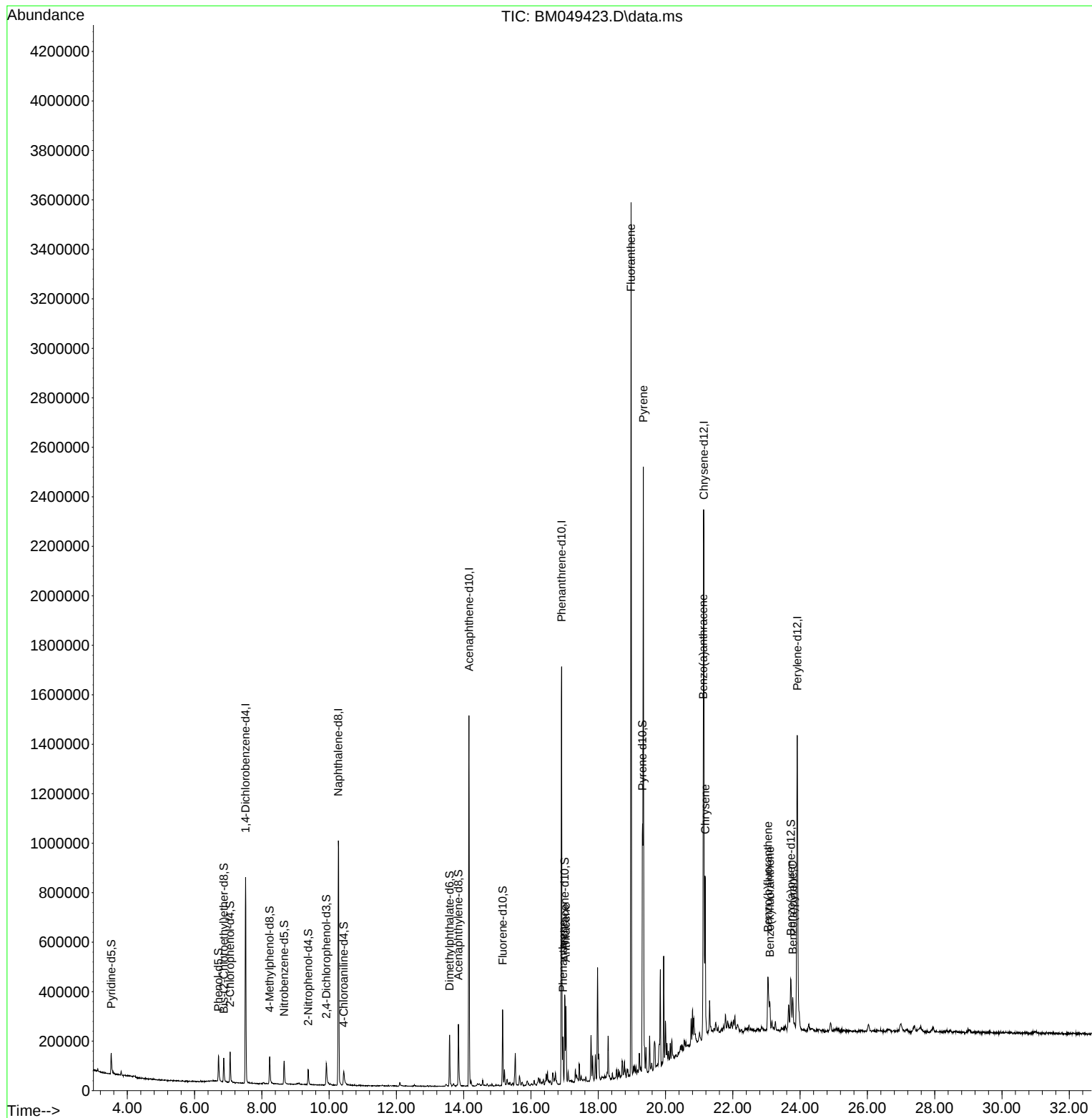
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049423.D
Acq On : 23 Jan 2025 17:28
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

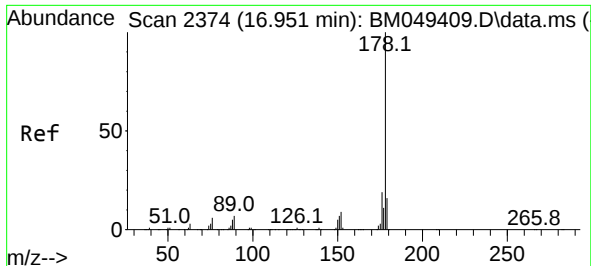
Instrument :
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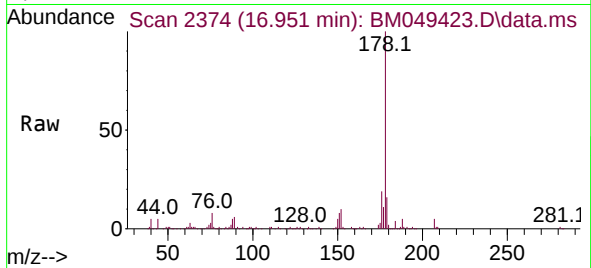
Quant Time: Jan 24 01:05:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 13 16:56:06 2025
Response via : Initial Calibration





#72
Phenanthrene
Concen: 1.953 ng/u1
RT: 16.951 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28

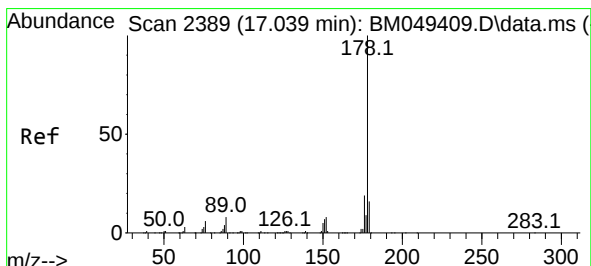
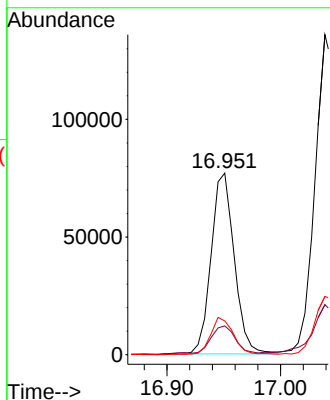
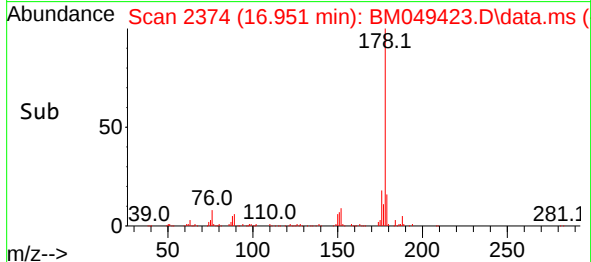
Instrument :
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ClientSampleId :
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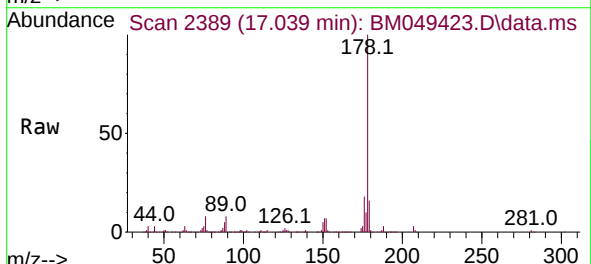
Tgt Ion:178 Resp: 108711
Ion Ratio Lower Upper
178 100
179 15.9 12.6 19.0
176 18.6 15.4 23.2

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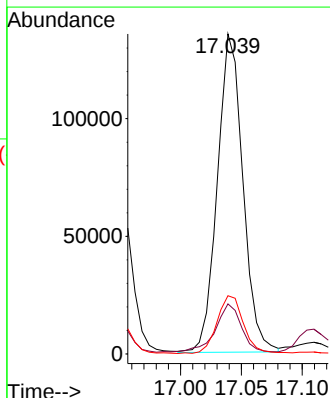
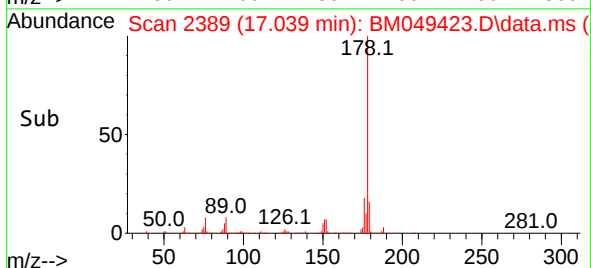
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025

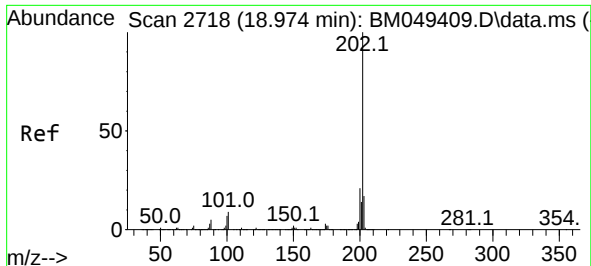


#74
Anthracene
Concen: 3.535 ng/u1
RT: 17.039 min Scan# 2389
Delta R.T. -0.012 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28



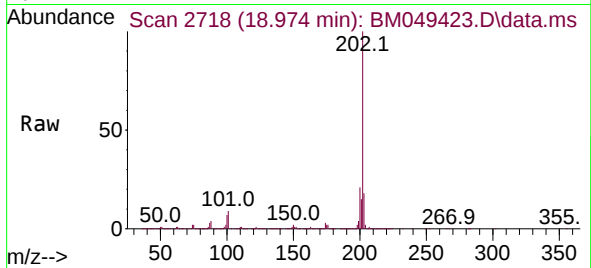
Tgt Ion:178 Resp: 197443
Ion Ratio Lower Upper
178 100
179 15.6 12.5 18.7
176 18.2 15.1 22.7





#80
Fluoranthene
Concen: 29.743 ng/u1
RT: 18.974 min Scan# 2111669
Delta R.T. -0.012 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28

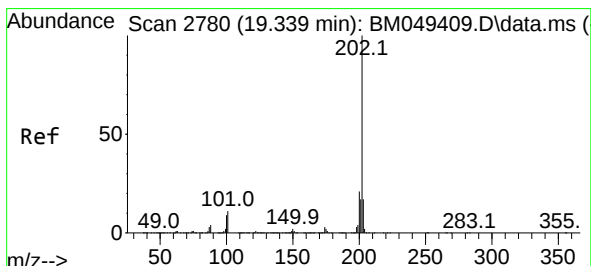
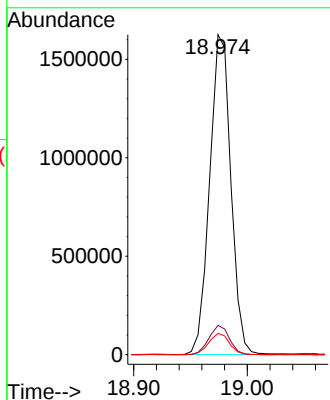
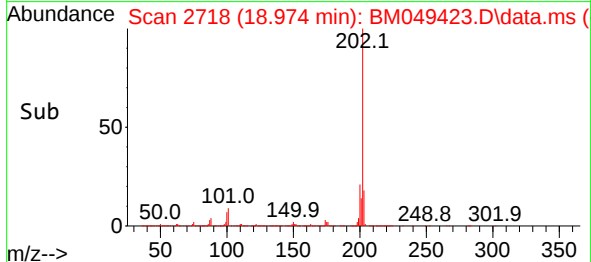
Instrument :
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ClientSampleId :
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Tgt Ion:202 Resp: 2111669
Ion Ratio Lower Upper
202 100
101 9.1 7.0 10.4
100 6.7 5.0 7.6

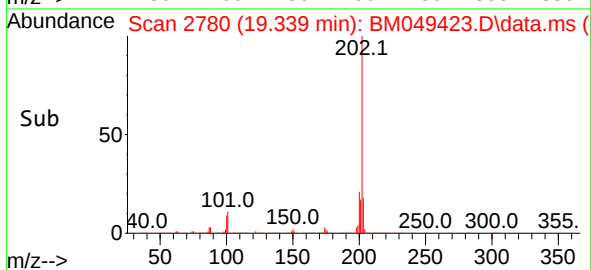
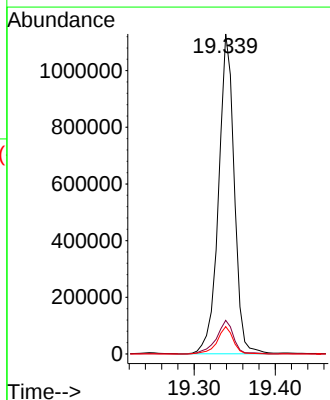
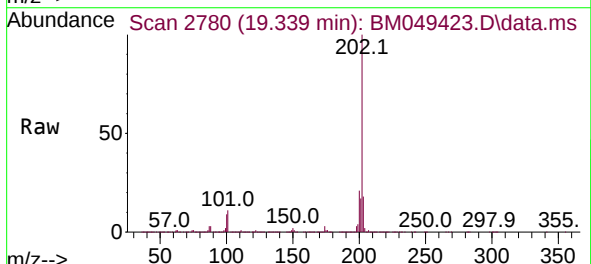
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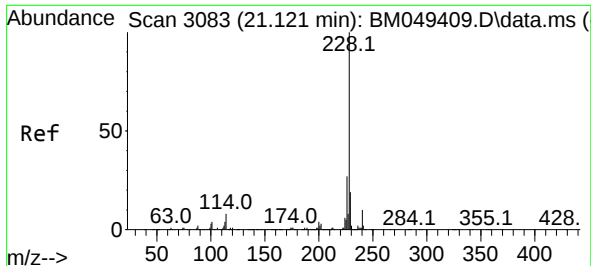
Reviewed By :Yogesh Patel 01/24/2025
Supervised By :mohammad ahmed 01/24/2025



#82
Pyrene
Concen: 20.095 ng/u1
RT: 19.339 min Scan# 2780
Delta R.T. -0.012 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28

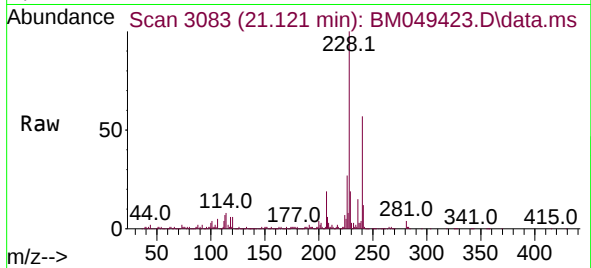
Tgt Ion:202 Resp: 1518633
Ion Ratio Lower Upper
202 100
101 10.5 7.8 11.8
100 8.6 6.6 10.0





#85
Benzo(a)anthracene
Concen: 6.244 ng/u1
RT: 21.121 min Scan# 3083
Delta R.T. -0.012 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28

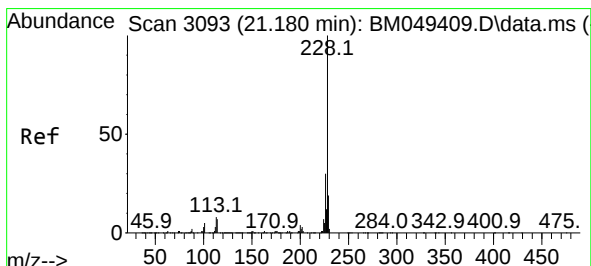
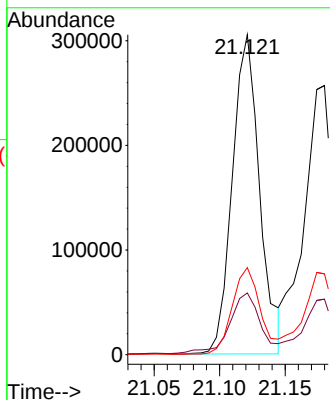
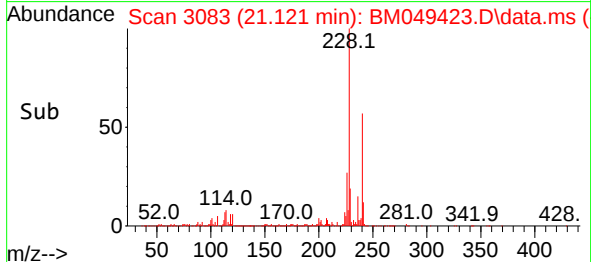
Instrument :
BNA_M
ClientSampleId :
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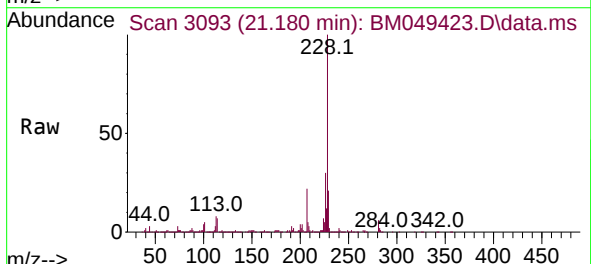
Tgt Ion:228 Resp: 441750
Ion Ratio Lower Upper
228 100
229 19.3 15.8 23.6
226 27.2 22.1 33.1

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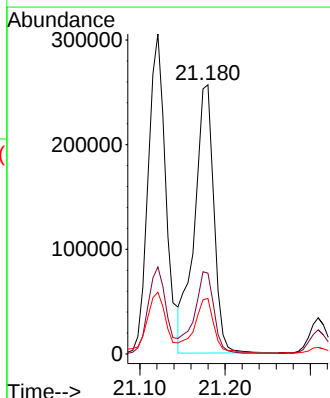
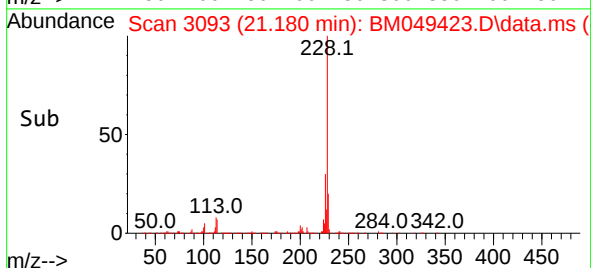
Reviewed By :Yogesh Patel 01/24/2025
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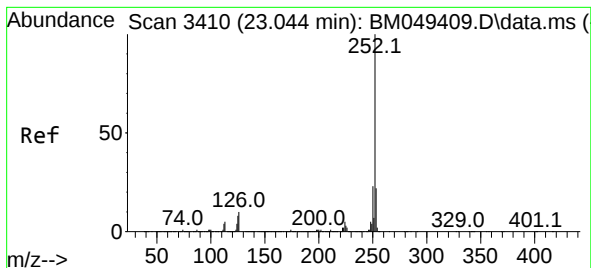


#87
Chrysene
Concen: 6.282 ng/u1
RT: 21.180 min Scan# 3093
Delta R.T. -0.006 min
Lab File: BM049423.D
Acq: 23 Jan 2025 17:28



Tgt Ion:228 Resp: 405748
Ion Ratio Lower Upper
228 100
226 30.0 24.3 36.5
229 20.7 16.0 24.0





#90

Benzo(b)fluoranthene

Concen: 3.323 ng/ul

RT: 23.044 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM049423.D

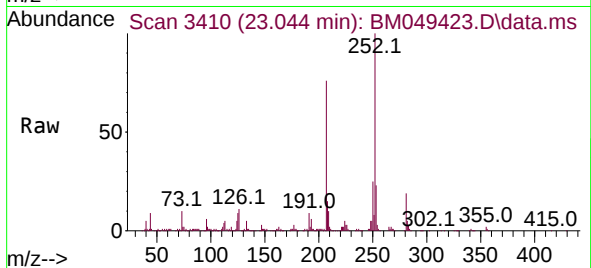
Acq: 23 Jan 2025 17:28

Instrument :

BNA_M

ClientSampleId :

DCZJ0DL



Tgt Ion:252 Resp: 23498

Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.2

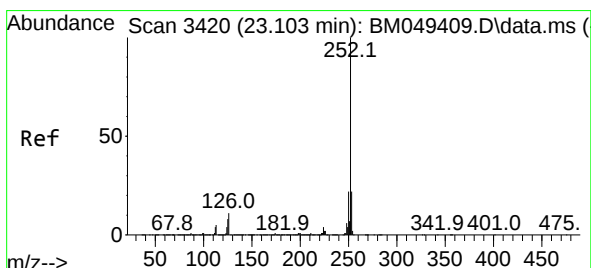
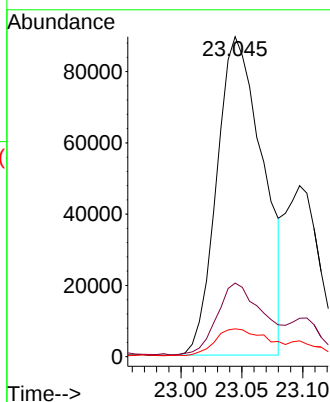
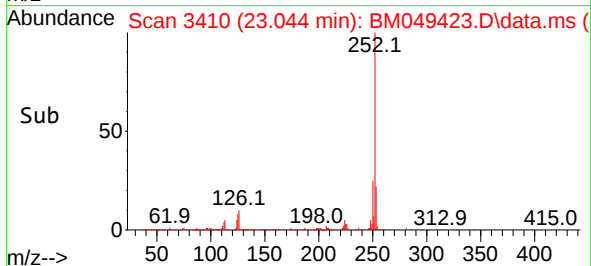
125 8.7 6.6 9.8

Manual Integrations

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#91

Benzo(k)fluoranthene

Concen: 1.348 ng/ul m

RT: 23.097 min Scan# 3419

Delta R.T. -0.018 min

Lab File: BM049423.D

Acq: 23 Jan 2025 17:28

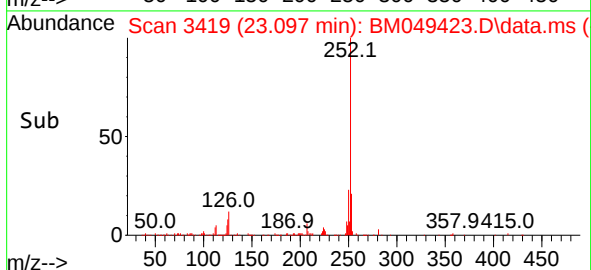
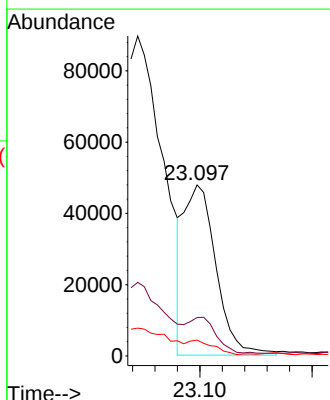
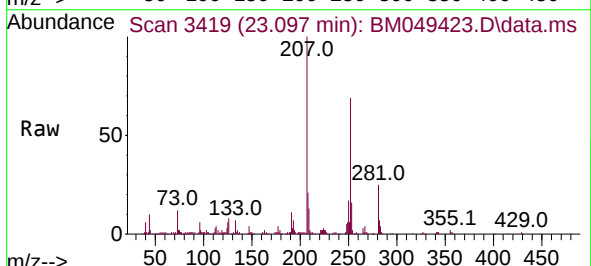
Tgt Ion:252 Resp: 95065

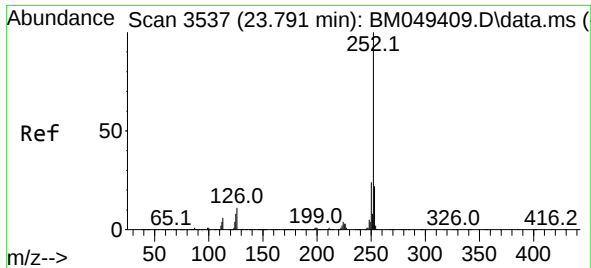
Ion Ratio Lower Upper

252 100

253 22.5 17.6 26.4

125 9.3 6.5 9.7





#93

Benzo(a)pyrene

Concen: 1.967 ng/ul

RT: 23.786 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM049423.D

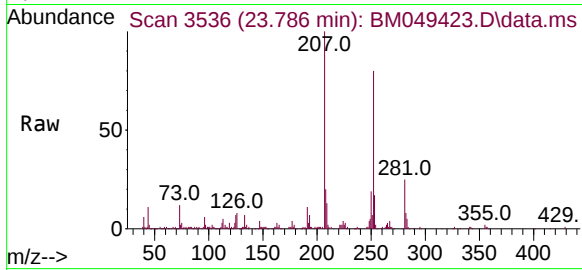
Acq: 23 Jan 2025 17:28

Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:252 Resp: 125638

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 9.3 6.9 10.3

Manual Integrations

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