

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049536.D
 Acq On : 30 Jan 2025 21:08
 Operator : RC/JU
 Sample : Q1189-15
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R6

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Jan 31 08:08:32 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 28 14:45:18 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	219238	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	823914	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	539957	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	1132412	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1213079	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1303939	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	13448	2.273	ng/uL	-0.01
4) Pyridine-d5	3.510	84	41527	2.389	ng/u1	0.00
7) Phenol-d5	6.728	99	270358	15.197	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	173619	14.272	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	221817	16.112	ng/u1	0.00
15) 4-Methylphenol-d8	8.239	113	150035	11.511	ng/u1	0.01
21) Nitrobenzene-d5	8.657	128	102088	16.196	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	115619	16.816	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	222075	15.828	ng/u1	0.02
31) 4-Chloroaniline-d4	10.422	131	173063m	9.616	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	678607	17.141	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	731988	15.736	ng/u1	0.00
54) 4-Nitrophenol-d4	14.433	143	94725m	14.585	ng/u1	0.05
60) Fluorene-d10	15.157	176	563278	16.179	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	50707	7.106	ng/u1	0.01
73) Anthracene-d10	17.004	188	828079	14.643	ng/u1	0.00
81) Pyrene-d10	19.309	212	923169	13.018	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	619173	8.903	ng/u1	0.00
Target Compounds					Qvalue	
8) Phenol	6.757	94	36633	1.962	ng/u1	96
16) Acetophenone	8.328	105	88564	4.086	ng/u1	95
80) Fluoranthene	18.980	202	225652	2.786	ng/u1	100
82) Pyrene	19.339	202	200111	2.296	ng/u1	99
85) Benzo(a)anthracene	21.127	228	146152	1.715	ng/u1	92
87) Chrysene	21.180	228	171687	2.170	ng/u1	98
90) Benzo(b)fluoranthene	23.056	252	270252	3.198	ng/u1#	97
91) Benzo(k)fluoranthene	23.103	252	92561	1.084	ng/u1#	92
93) Benzo(a)pyrene	23.791	252	88324	1.114	ng/u1#	93

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

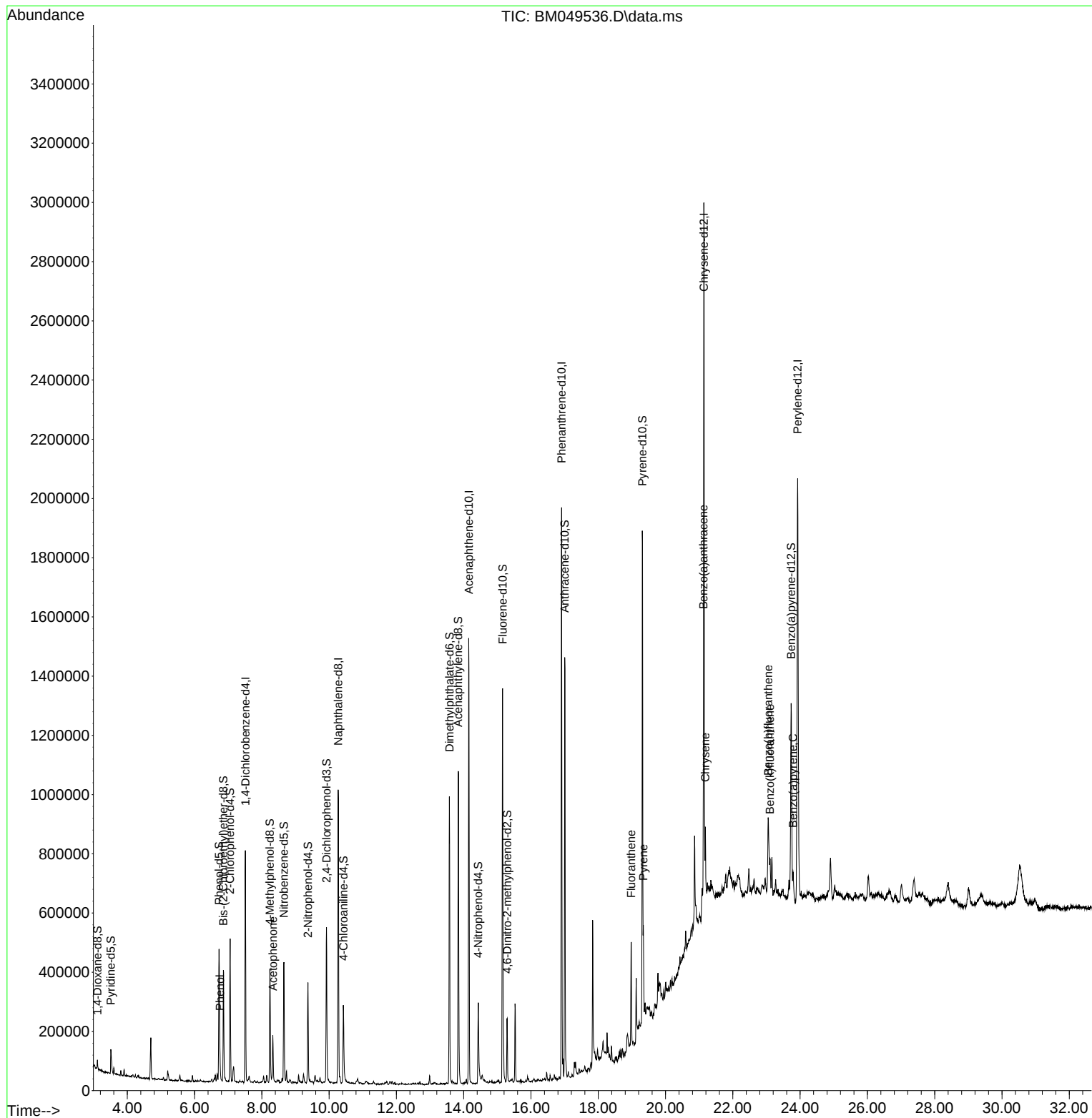
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049536.D
Acq On : 30 Jan 2025 21:08
Operator : RC/JU
Sample : Q1189-15
Misc :
ALS Vial : 16 Sample Multiplier: 1

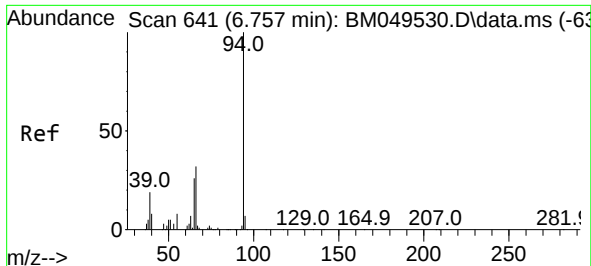
Instrument :
BNA_M
ClientSampleId :
A44R6

Quant Time: Jan 31 08:08:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration

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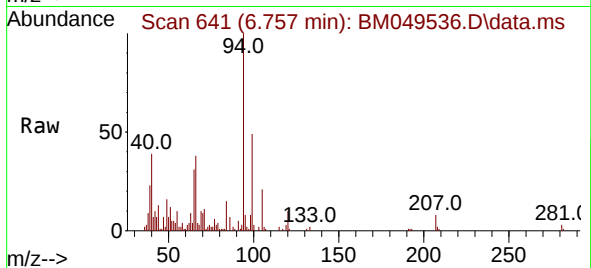
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025





#8
Phenol
Concen: 1.962 ng/ul
RT: 6.757 min Scan# 641
Delta R.T. 0.023 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

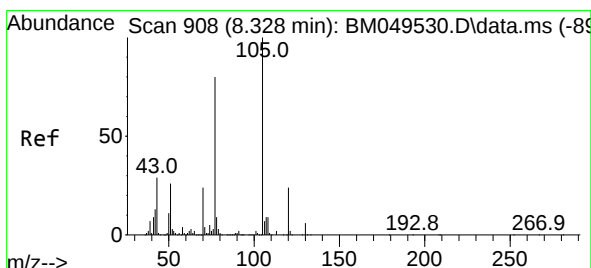
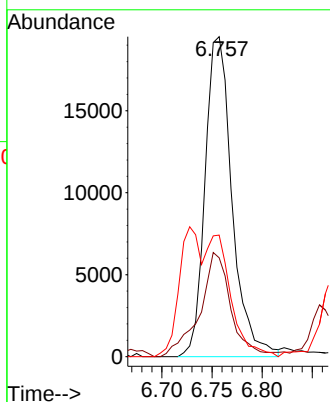
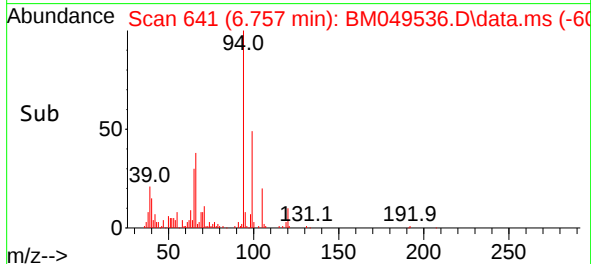
Instrument :
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ClientSampleId :
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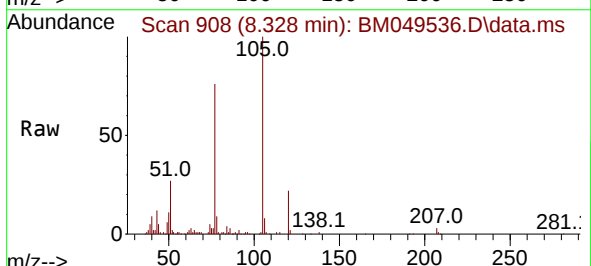
Tgt Ion: 94 Resp: 3663
Ion Ratio Lower Upper
94 100
65 30.9 23.4 35.0
66 38.0 27.8 41.8

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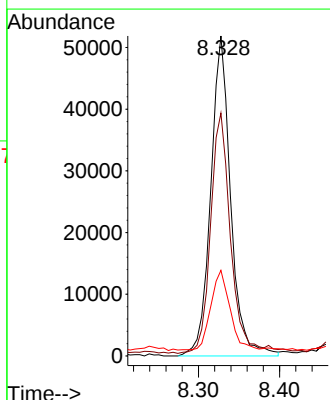
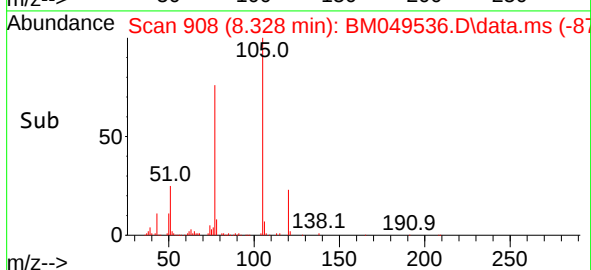
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Supervised By :mohammad ahmed 02/04/2025

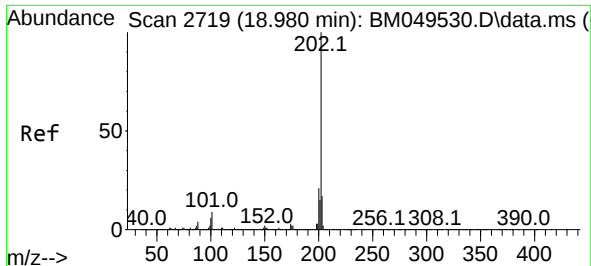


#16
Acetophenone
Concen: 4.086 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08



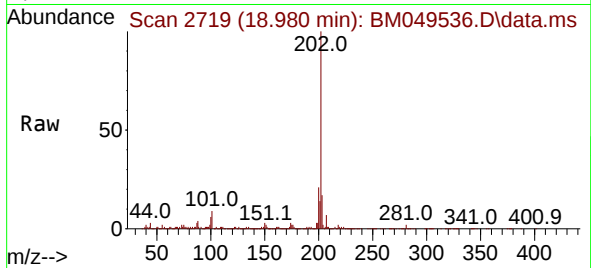
Tgt Ion:105 Resp: 88564
Ion Ratio Lower Upper
105 100
77 75.9 64.6 97.0
51 26.7 23.3 34.9





#80
Fluoranthene
Concen: 2.786 ng/ul
RT: 18.980 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

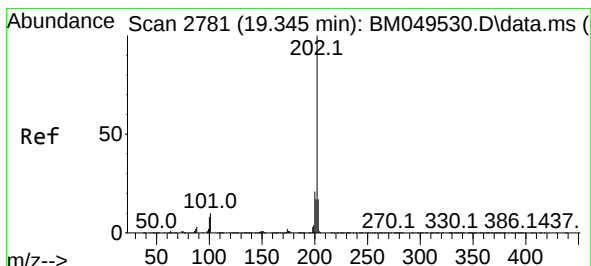
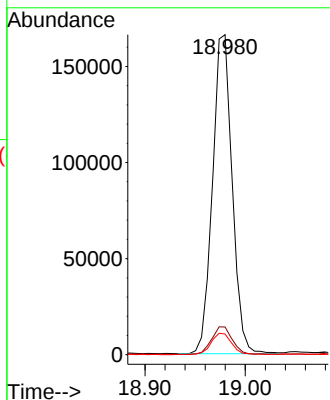
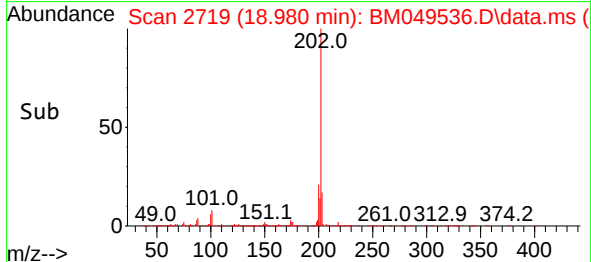
Instrument :
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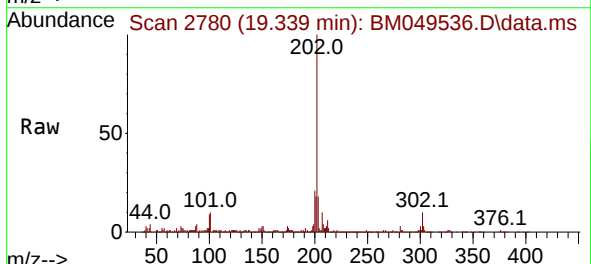
Tgt Ion:202 Resp: 225652
Ion Ratio Lower Upper
202 100
101 8.6 6.9 10.3
100 6.4 5.1 7.7

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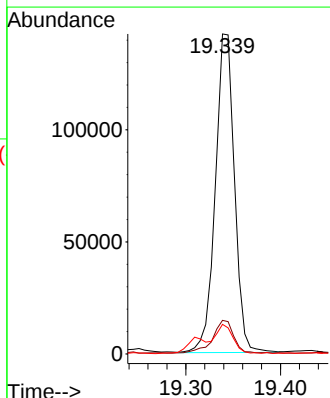
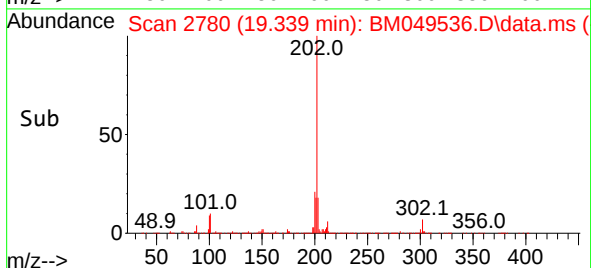
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

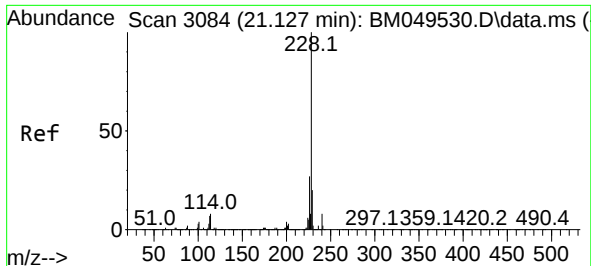


#82
Pyrene
Concen: 2.296 ng/ul
RT: 19.339 min Scan# 2780
Delta R.T. -0.000 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08



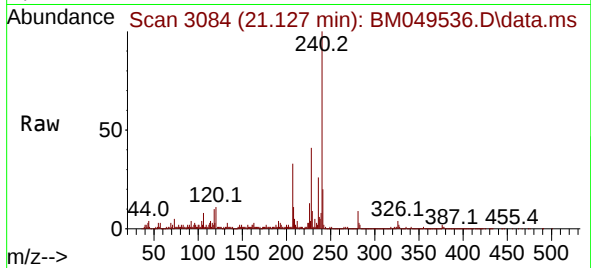
Tgt Ion:202 Resp: 200111
Ion Ratio Lower Upper
202 100
101 10.5 8.3 12.5
100 9.3 6.6 9.8





#85
Benzo(a)anthracene
Concen: 1.715 ng/ul
RT: 21.127 min Scan# 3084
Delta R.T. 0.011 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

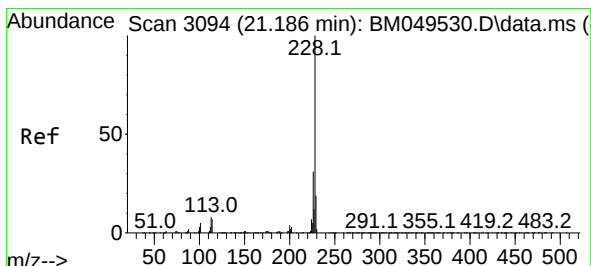
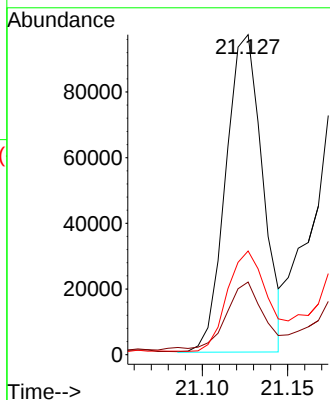
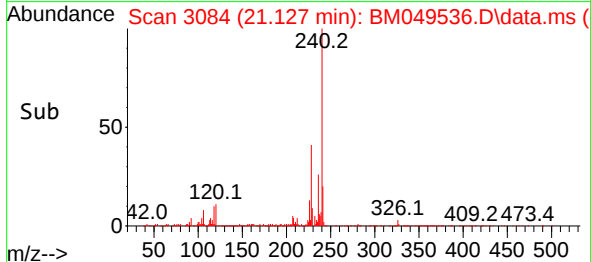
Instrument :
BNA_M
ClientSampleId :
A44R6



Tgt Ion:228 Resp: 146152
Ion Ratio Lower Upper
228 100
229 22.7 15.7 23.5
226 32.4 22.1 33.1

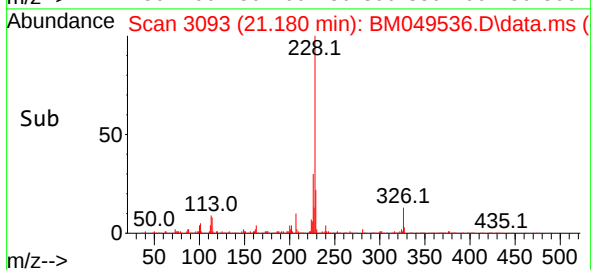
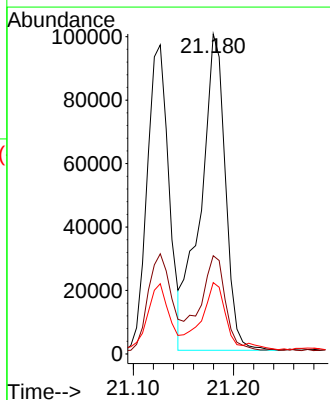
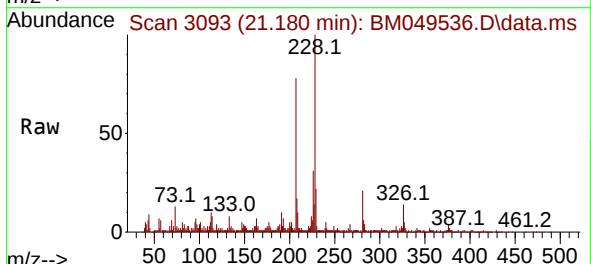
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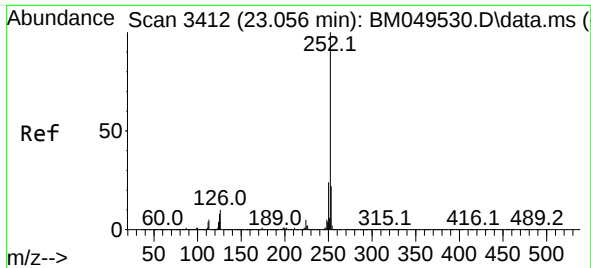
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#87
Chrysene
Concen: 2.170 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

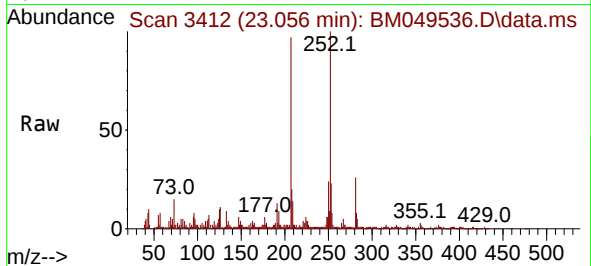
Tgt Ion:228 Resp: 171687
Ion Ratio Lower Upper
228 100
226 30.7 24.6 37.0
229 22.3 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 3.198 ng/ul
RT: 23.056 min Scan# 3412
Delta R.T. 0.011 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

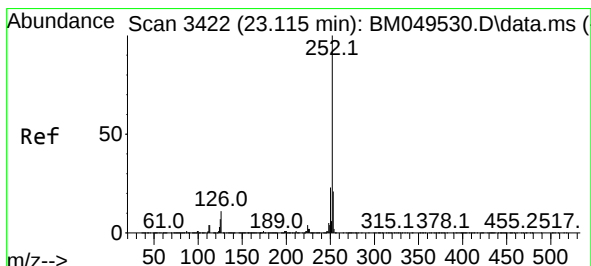
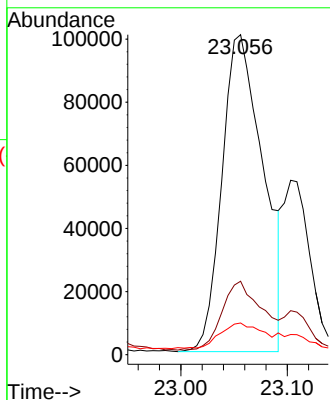
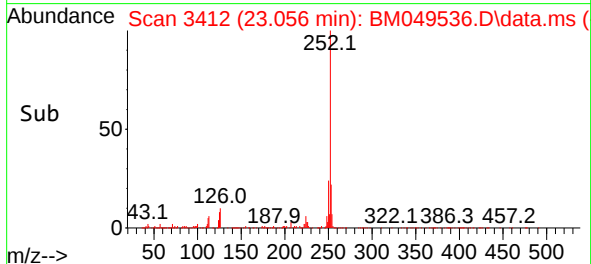
Instrument :
BNA_M
ClientSampleId :
A44R6



Tgt Ion:252 Resp: 27025
Ion Ratio Lower Upper
252 100
253 23.0 17.6 26.4
125 9.9 6.3 9.5

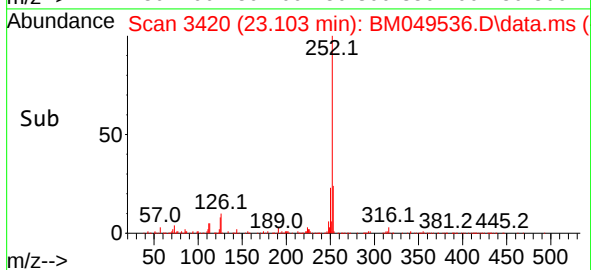
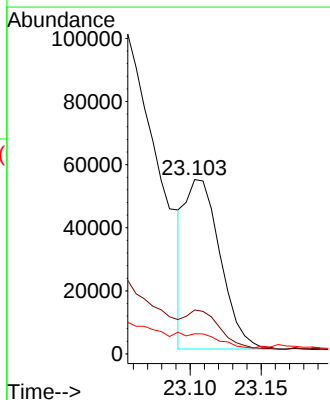
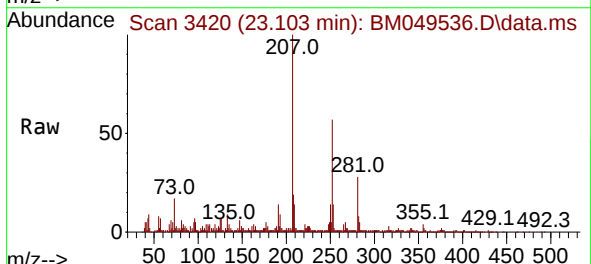
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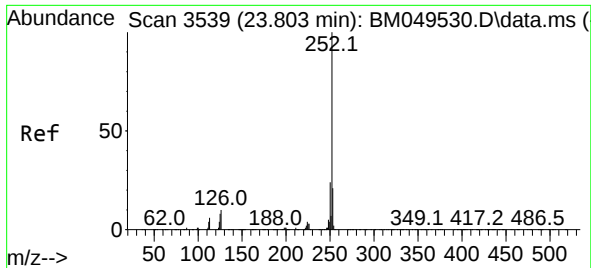
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#91
Benzo(k)fluoranthene
Concen: 1.084 ng/ul
RT: 23.103 min Scan# 3420
Delta R.T. 0.006 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

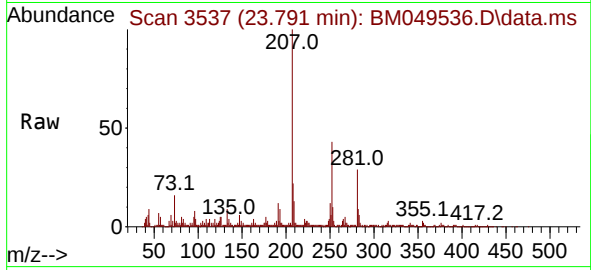
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Ion Ratio Lower Upper
252 100
253 25.3 17.5 26.3
125 11.6 6.5 9.7





#93
Benzo(a)pyrene
Concen: 1.114 ng/ul
RT: 23.791 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM049536.D
Acq: 30 Jan 2025 21:08

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:252 Resp: 88324
Ion Ratio Lower Upper
252 100
253 24.5 17.3 25.9
125 12.4 7.0 10.6

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