

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049537.D
 Acq On : 30 Jan 2025 21:47
 Operator : RC/JU
 Sample : Q1189-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R5

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 08:15:12 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	186915	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	716045	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	471028	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.909	188	997692	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1038483	20.000	ng/u1	0.00
88) Perylene-d12	23.921	264	1109827	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	13932	2.762	ng/uL	-0.01
4) Pyridine-d5	3.510	84	28677	1.935	ng/u1	0.00
7) Phenol-d5	6.728	99	262882	17.332	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	175611	16.932	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	218688	18.632	ng/u1	0.00
15) 4-Methylphenol-d8	8.239	113	135195	12.166	ng/u1	0.01
21) Nitrobenzene-d5	8.657	128	103020	18.806	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	120622	20.187	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.922	165	215623	17.684	ng/u1	0.02
31) 4-Chloroaniline-d4	10.422	131	141026	9.017	ng/u1	0.00
46) Dimethylphthalate-d6	13.574	166	700408	20.280	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	743102	18.313	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	97916	17.283	ng/u1	0.05
60) Fluorene-d10	15.157	176	575403	18.946	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	65000	10.339	ng/u1	0.01
73) Anthracene-d10	17.004	188	841688	16.894	ng/u1	0.00
81) Pyrene-d10	19.315	212	889912	14.659	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	478696	8.087	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.757	94	35261	2.215	ng/u1	96
16) Acetophenone	8.328	105	95406	5.163	ng/u1	99
72) Phenanthrene	16.951	178	110916	1.975	ng/u1	99
80) Fluoranthene	18.974	202	318318	4.591	ng/u1	97
82) Pyrene	19.339	202	254510	3.411	ng/u1	99
85) Benzo(a)anthracene	21.121	228	167927	2.302	ng/u1	97
87) Chrysene	21.180	228	221518	3.270	ng/u1	97
90) Benzo(b)fluoranthene	23.050	252	287052	3.990	ng/u1#	97
91) Benzo(k)fluoranthene	23.103	252	108748m	1.496	ng/u1	
93) Benzo(a)pyrene	23.791	252	104349	1.546	ng/u1#	94
94) Indeno(1,2,3-cd)pyrene	27.003	276	102832	1.229	ng/u1	97

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

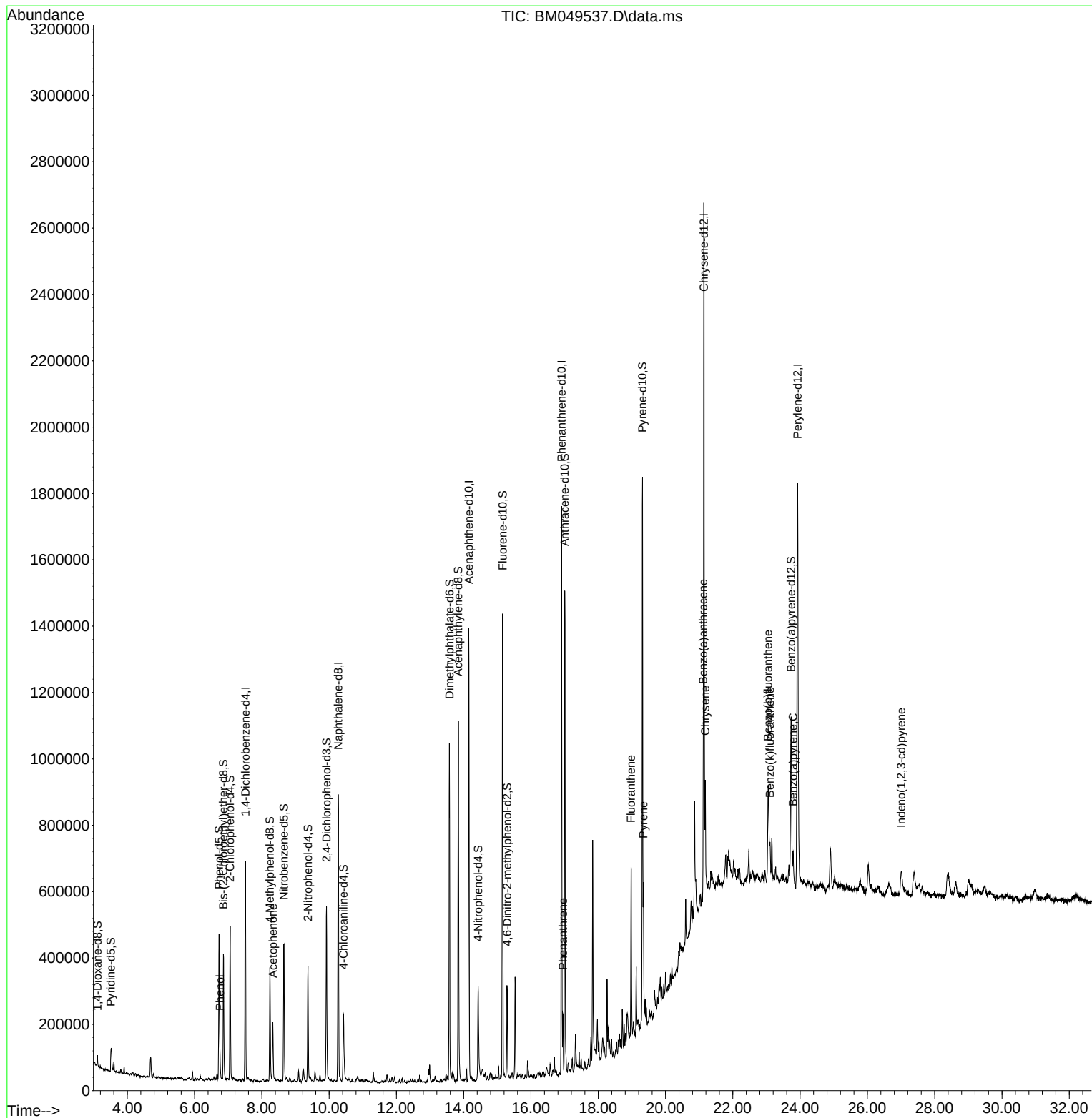
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049537.D
Acq On : 30 Jan 2025 21:47
Operator : RC/JU
Sample : Q1189-14
Misc :
ALS Vial : 17 Sample Multiplier: 1

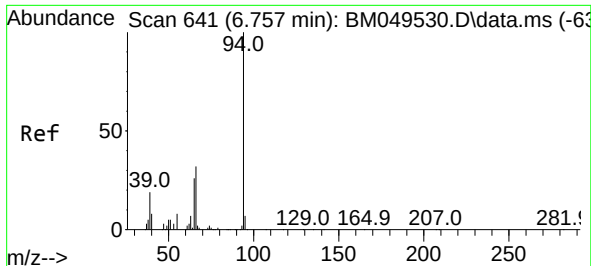
Instrument :
BNA_M
ClientSampleId :
A44R5

Manual Integrations
APPROVED

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

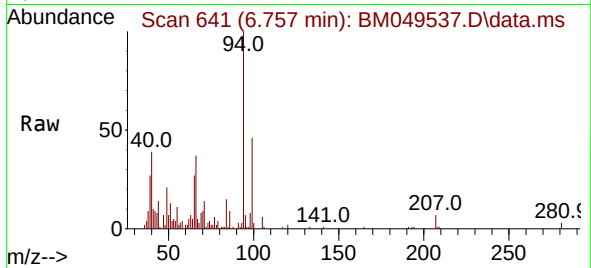
Quant Time: Jan 31 08:15:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 28 14:45:18 2025
Response via : Initial Calibration





#8
Phenol
Concen: 2.215 ng/ul
RT: 6.757 min Scan# 641
Delta R.T. 0.023 min
Lab File: BM049537.D
Acq: 30 Jan 2025 21:47

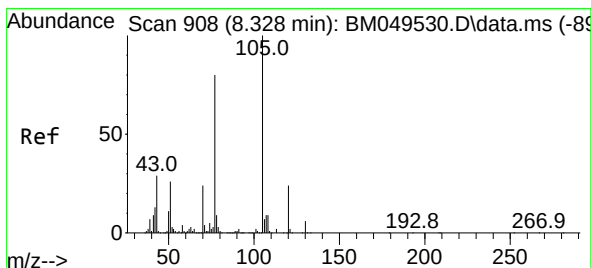
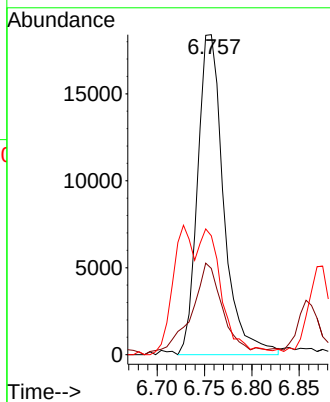
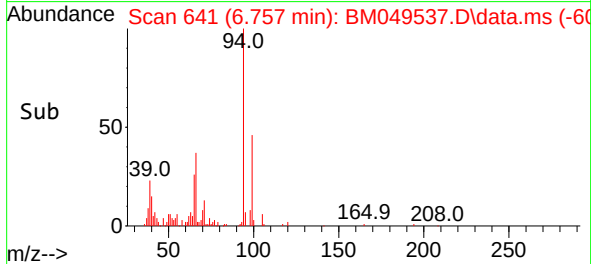
Instrument :
BNA_M
ClientSampleId :
A44R5



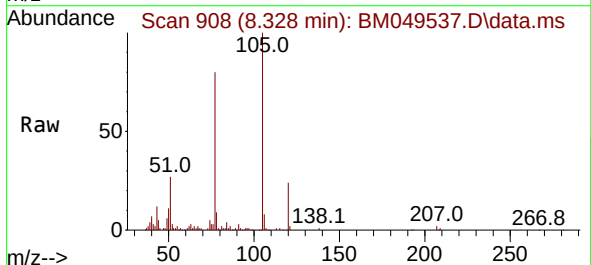
Tgt Ion: 94 Resp: 3526
Ion Ratio Lower Upper
94 100
65 27.0 23.4 35.0
66 37.2 27.8 41.8

Manual Integrations
APPROVED

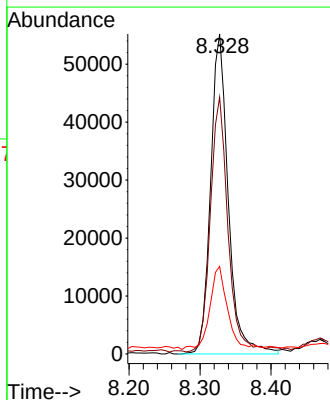
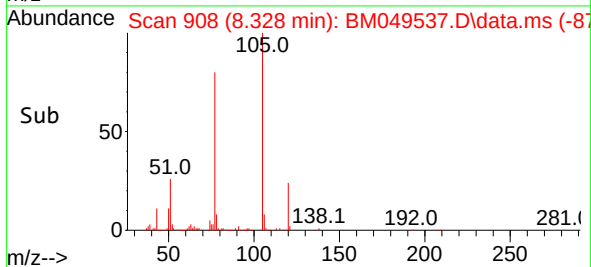
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

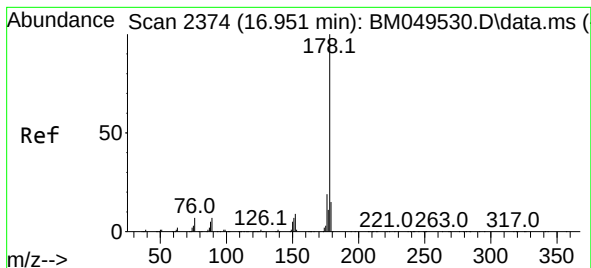


#16
Acetophenone
Concen: 5.163 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM049537.D
Acq: 30 Jan 2025 21:47



Tgt Ion:105 Resp: 95406
Ion Ratio Lower Upper
105 100
77 80.3 64.6 97.0
51 27.4 23.3 34.9





#72

Phenanthrene

Concen: 1.975 ng/ul

RT: 16.951 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

Instrument :

BNA_M

ClientSampleId :

A44R5

Tgt Ion:178 Resp: 110910

Ion Ratio Lower Upper

178 100

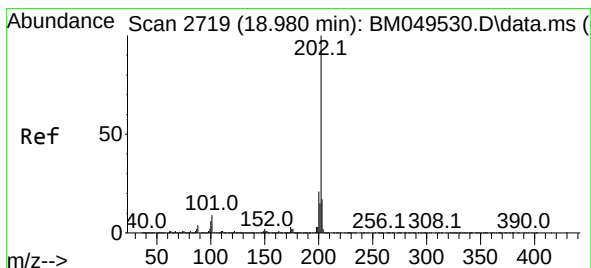
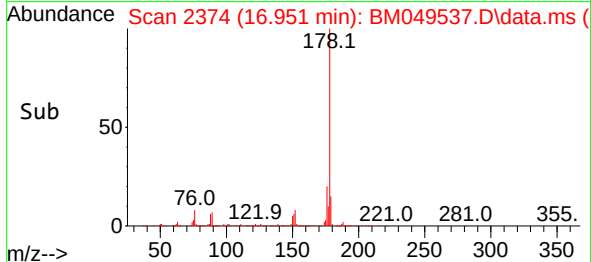
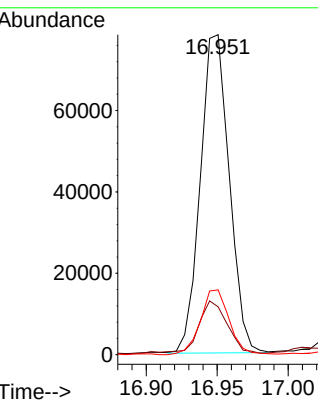
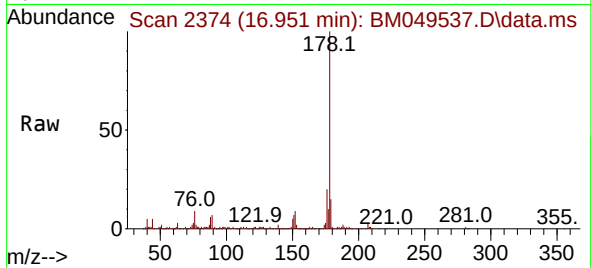
179 15.0 12.4 18.6

176 20.2 15.6 23.4

Manual Integrations

APPROVED

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



#80

Fluoranthene

Concen: 4.591 ng/ul

RT: 18.974 min Scan# 2718

Delta R.T. -0.000 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

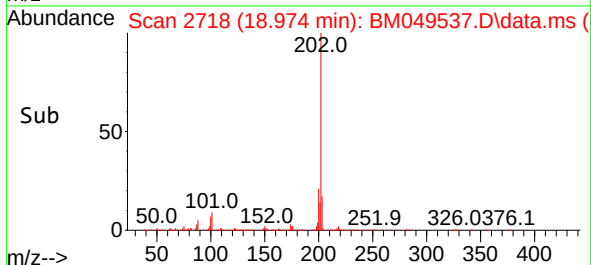
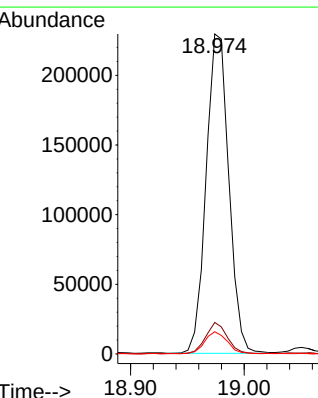
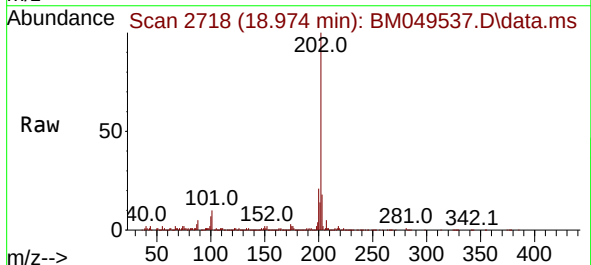
Tgt Ion:202 Resp: 318318

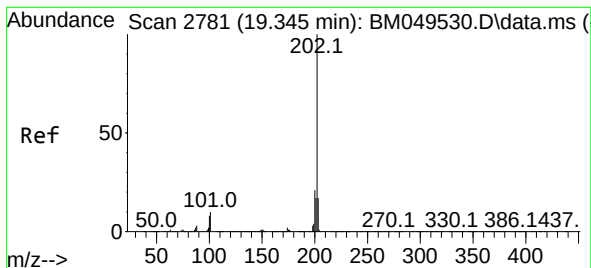
Ion Ratio Lower Upper

202 100

101 9.8 6.9 10.3

100 7.0 5.1 7.7





#82

Pyrene

Concen: 3.411 ng/ul

RT: 19.339 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

Instrument :

BNA_M

ClientSampleId :

A44R5

Tgt Ion:202 Resp: 254510

Ion Ratio Lower Upper

202 100

101 10.6 8.3 12.5

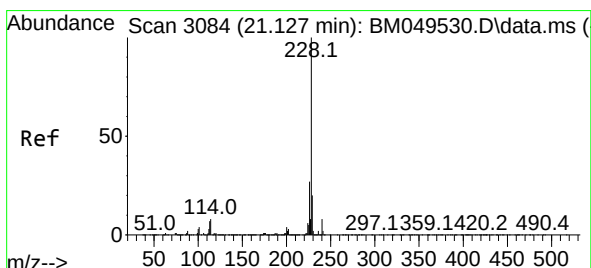
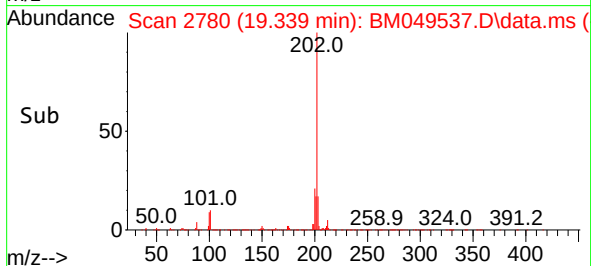
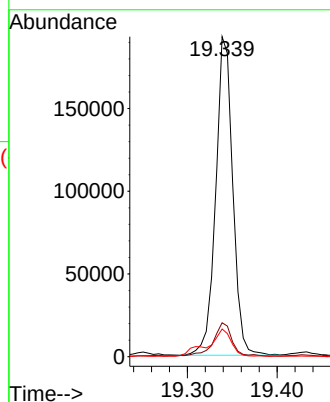
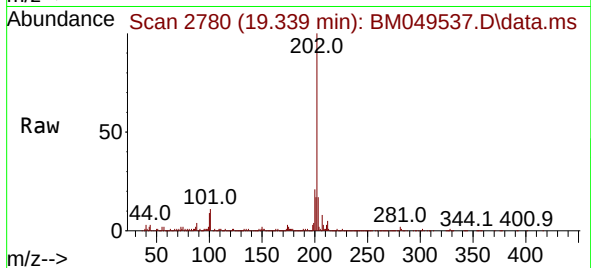
100 8.7 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 01/31/2025

Supervised By :mohammad ahmed 02/04/2025



#85

Benzo(a)anthracene

Concen: 2.302 ng/ul

RT: 21.121 min Scan# 3083

Delta R.T. 0.006 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

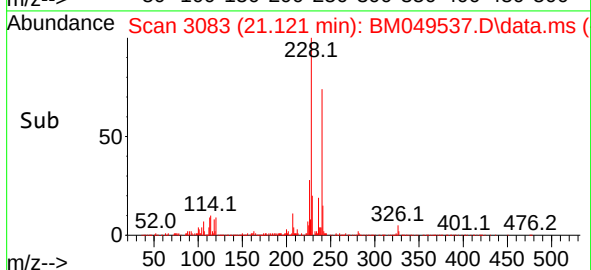
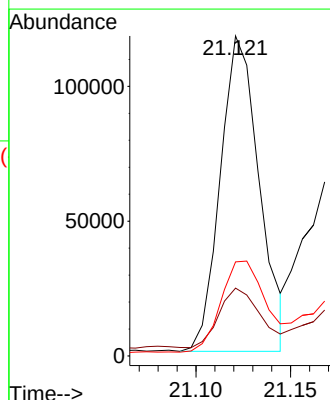
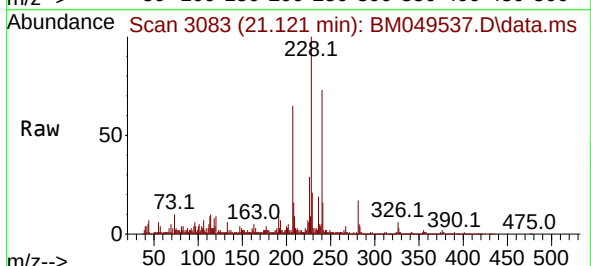
Tgt Ion:228 Resp: 167927

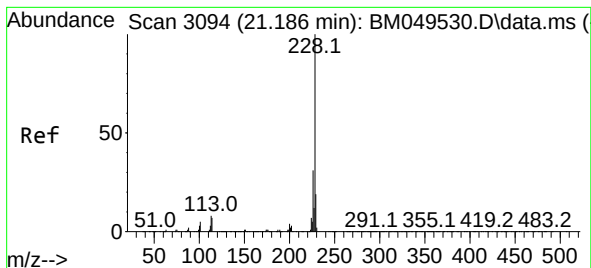
Ion Ratio Lower Upper

228 100

229 21.2 15.7 23.5

226 29.4 22.1 33.1





#87

Chrysene

Concen: 3.270 ng/ul

RT: 21.180 min Scan# 3094

Delta R.T. 0.006 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

Instrument :

BNA_M

ClientSampleId :

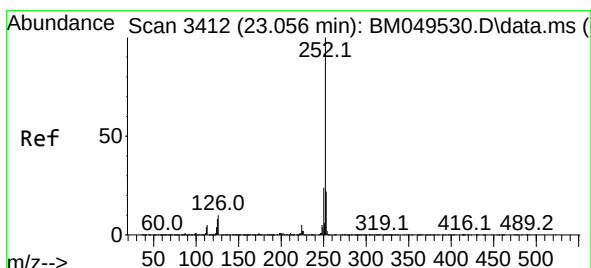
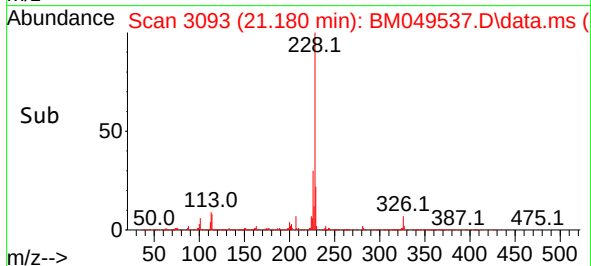
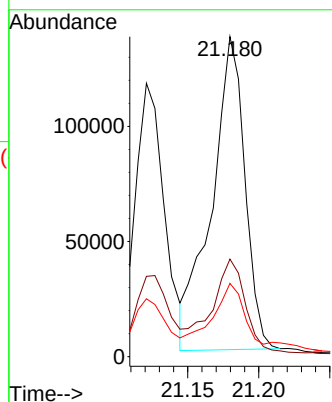
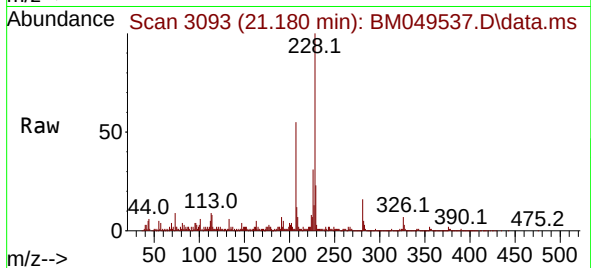
A44R5

Tgt Ion:228	Resp: 221518
Ion Ratio	Lower Upper
228 100	
226 30.5	24.6 37.0
229 22.9	15.9 23.9

Manual Integrations

APPROVED

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



#90

Benzo(b)fluoranthene

Concen: 3.990 ng/ul

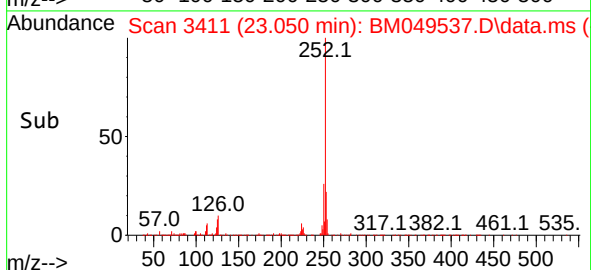
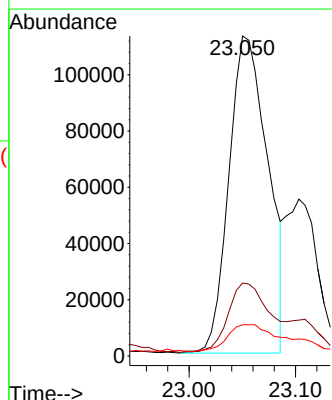
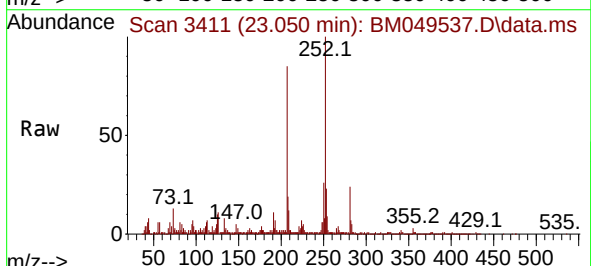
RT: 23.050 min Scan# 3411

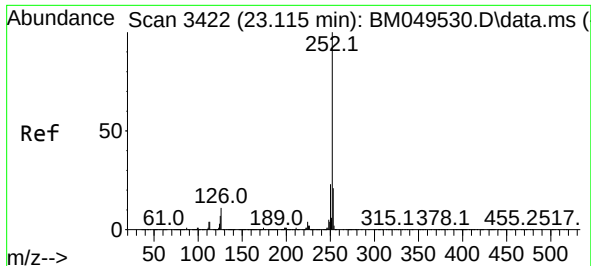
Delta R.T. 0.006 min

Lab File: BM049537.D

Acq: 30 Jan 2025 21:47

Tgt Ion:252	Resp: 287052
Ion Ratio	Lower Upper
252 100	
253 22.8	17.6 26.4
125 9.8	6.3 9.5





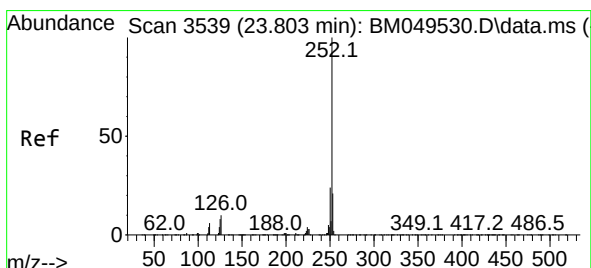
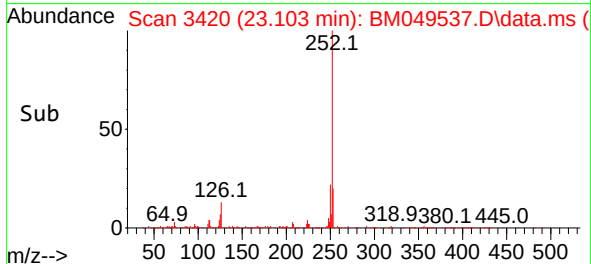
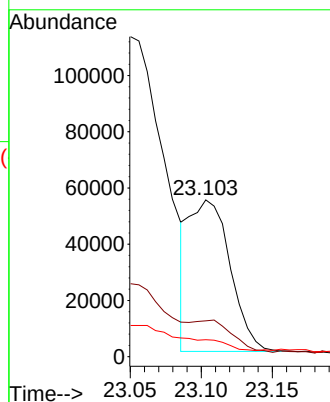
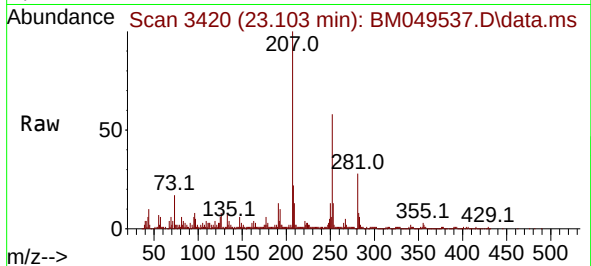
#91
Benzo(k)fluoranthene
Concen: 1.496 ng/ul m
RT: 23.103 min Scan# 3422
Delta R.T. 0.006 min
Lab File: BM049537.D
Acq: 30 Jan 2025 21:47

Instrument :
BNA_M
ClientSampleId :
A44R5

Tgt Ion:252 Resp: 108744
Ion Ratio Lower Upper
252 100
253 22.8 17.5 26.3
125 10.8 6.5 9.7

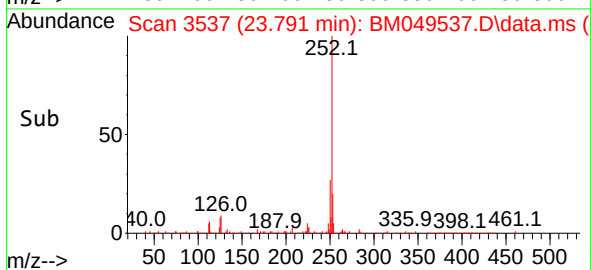
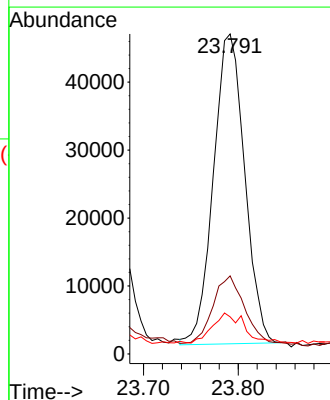
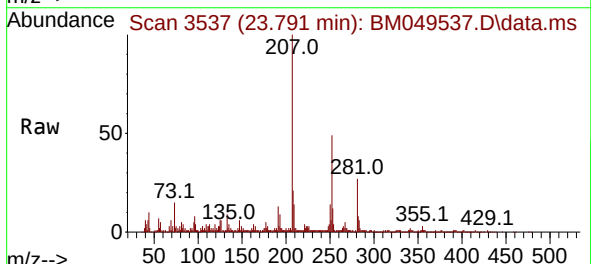
Manual Integrations
APPROVED

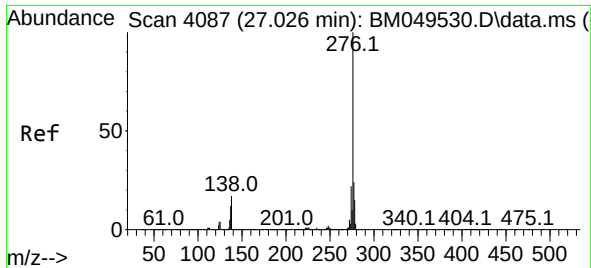
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#93
Benzo(a)pyrene
Concen: 1.546 ng/ul
RT: 23.791 min Scan# 3537
Delta R.T. 0.012 min
Lab File: BM049537.D
Acq: 30 Jan 2025 21:47

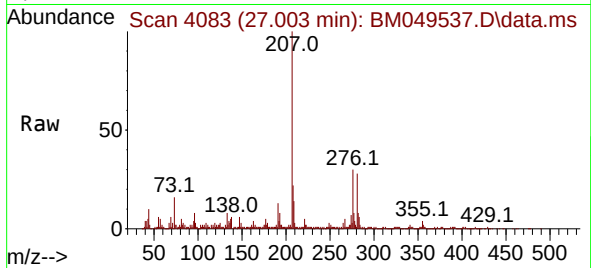
Tgt Ion:252 Resp: 104349
Ion Ratio Lower Upper
252 100
253 24.4 17.3 25.9
125 11.6 7.0 10.6





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.229 ng/ul
 RT: 27.003 min Scan# 4083
 Delta R.T. 0.012 min
 Lab File: BM049537.D
 Acq: 30 Jan 2025 21:47

Instrument :
 BNA_M
 ClientSampleId :
 A44R5



Tgt Ion: 276 Resp: 10283
 Ion Ratio Lower Upper
 276 100
 138 18.4 13.8 20.6
 277 25.1 19.0 28.6

Manual Integrations
 APPROVED

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

