

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049540.D
 Acq On : 30 Jan 2025 23:45
 Operator : RC/JU
 Sample : Q1189-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44Q7

Manual Integrations
 APPROVED

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

Quant Time: Jan 31 08:31:17 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	274802	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	1046539	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	693948	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.904	188	1474297	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1494995	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1597029	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	18048	2.433	ng/uL	-0.01
4) Pyridine-d5	3.510	84	105353	4.835	ng/u1	0.00
7) Phenol-d5	6.728	99	348302	15.619	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	6.857	67	227949	14.949	ng/u1	0.00
11) 2-Chlorophenol-d4	7.057	132	287484	16.660	ng/u1	0.00
15) 4-Methylphenol-d8	8.240	113	230732	14.122	ng/u1	0.01
21) Nitrobenzene-d5	8.651	128	136293	17.023	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	149290	17.095	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	291510	16.358	ng/u1	0.01
31) 4-Chloroaniline-d4	10.428	131	115217m	5.040	ng/u1	0.00
46) Dimethylphthalate-d6	13.575	166	836776	16.446	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	972247	16.263	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	109829	13.158	ng/u1	0.05
60) Fluorene-d10	15.151	176	775707	17.336	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.286	200	74746	8.046	ng/u1	0.00
73) Anthracene-d10	17.004	188	1147815	15.591	ng/u1	0.00
81) Pyrene-d10	19.309	212	1250393	14.307	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.733	264	842490	9.891	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	6.751	94	51936	2.219	ng/u1	99
16) Acetophenone	8.328	105	147208	5.418	ng/u1	95
72) Phenanthrene	16.951	178	129971	1.566	ng/u1	99
80) Fluoranthene	18.974	202	422565	4.233	ng/u1	98
82) Pyrene	19.339	202	306035	2.849	ng/u1	99
85) Benzo(a)anthracene	21.121	228	178031	1.695	ng/u1	99
87) Chrysene	21.180	228	223367	2.290	ng/u1	98
90) Benzo(b)fluoranthene	23.056	252	315275	3.046	ng/u1#	95
93) Benzo(a)pyrene	23.791	252	112614	1.160	ng/u1#	94

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

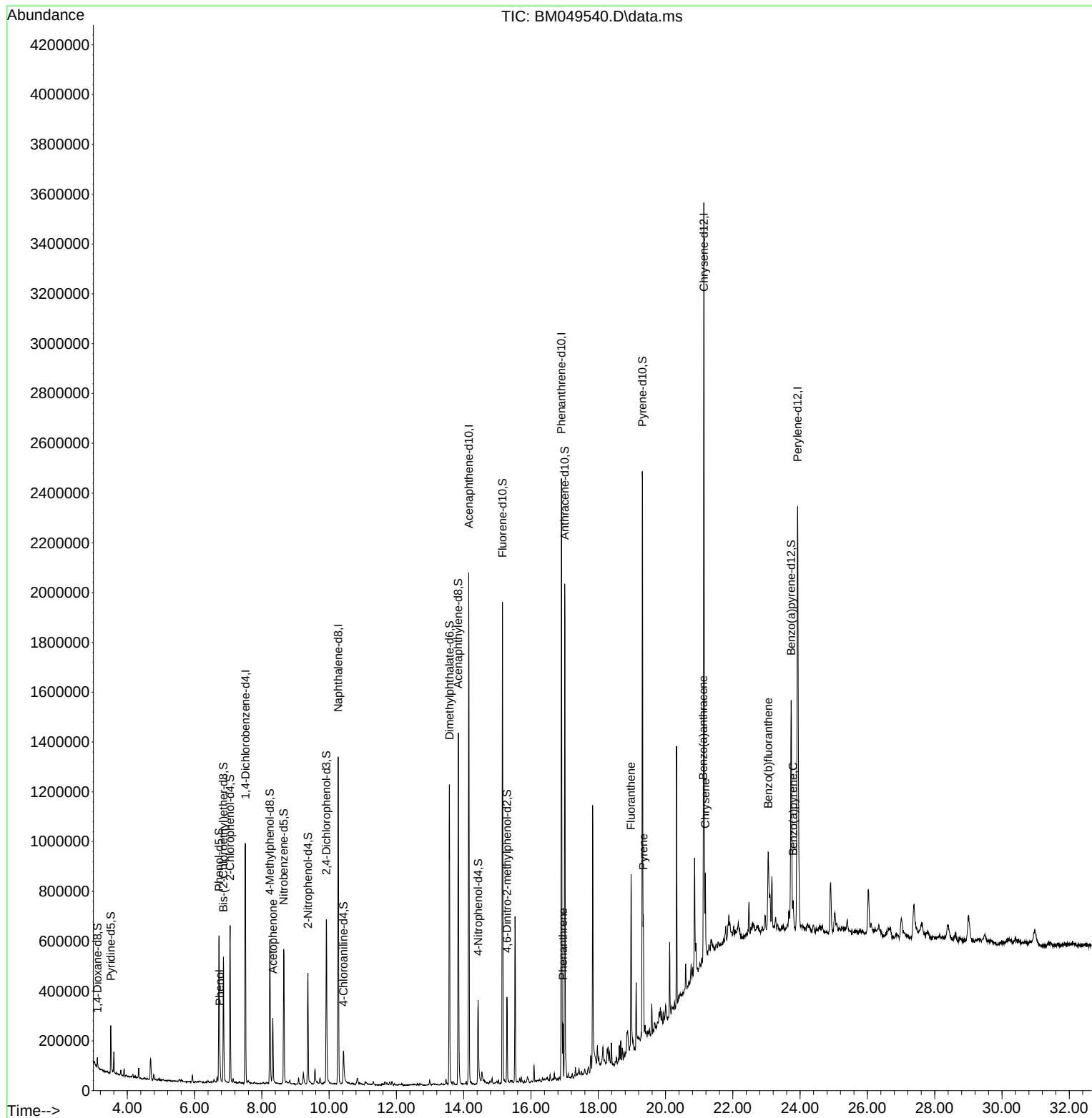
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049540.D
Acq On : 30 Jan 2025 23:45
Operator : RC/JU
Sample : Q1189-04
Misc :
ALS Vial : 20 Sample Multiplier: 1

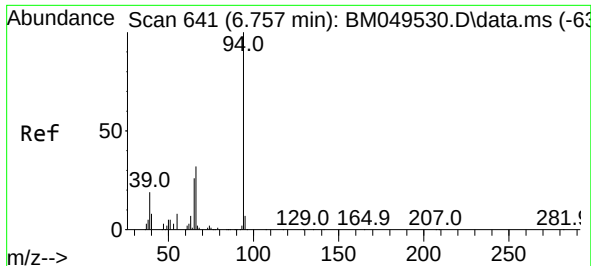
Instrument :
BNA_M
ClientSampleId :
A44Q7

Quant Time: Jan 31 08:31:17 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

Manual Integrations
APPROVED

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





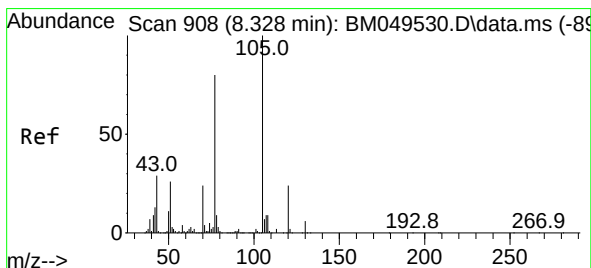
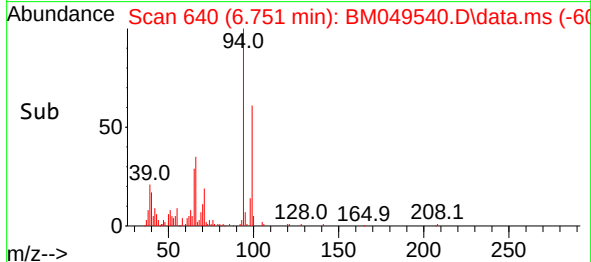
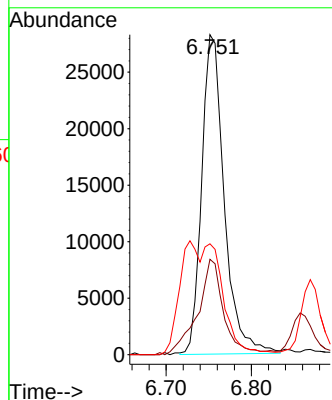
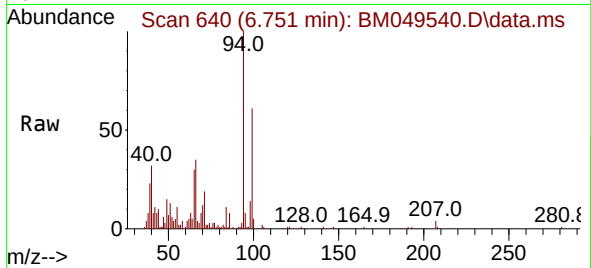
#8
Phenol
Concen: 2.219 ng/ul
RT: 6.751 min Scan# 641
Delta R.T. 0.018 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

Instrument :
BNA_M
ClientSampleId :
A44Q7

Tgt Ion: 94 Resp: 51930
Ion Ratio Lower Upper
94 100
65 29.8 23.4 35.0
66 34.7 27.8 41.8

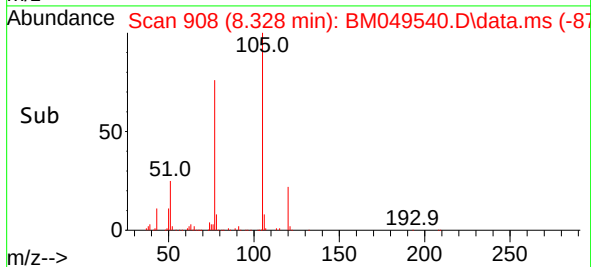
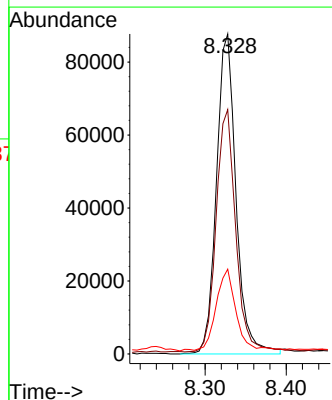
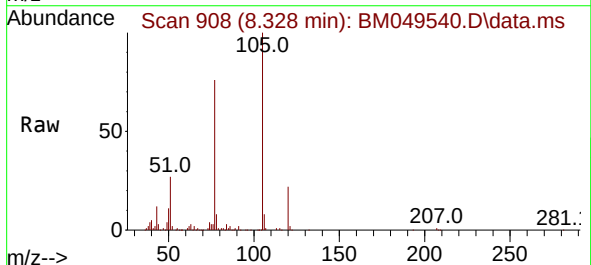
Manual Integrations
APPROVED

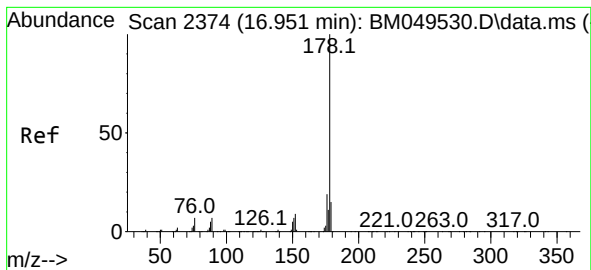
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#16
Acetophenone
Concen: 5.418 ng/ul
RT: 8.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

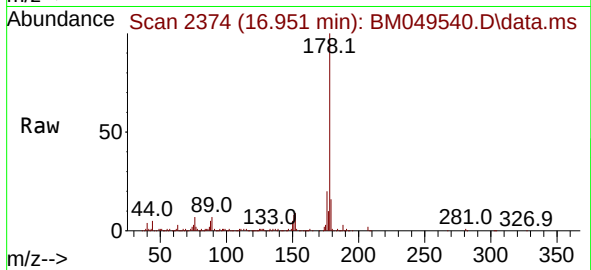
Tgt Ion:105 Resp: 147208
Ion Ratio Lower Upper
105 100
77 76.4 64.6 97.0
51 26.5 23.3 34.9





#72
Phenanthrene
Concen: 1.566 ng/ul
RT: 16.951 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

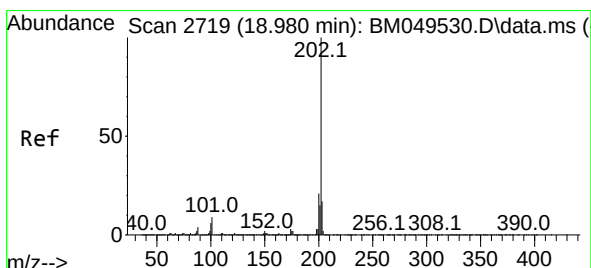
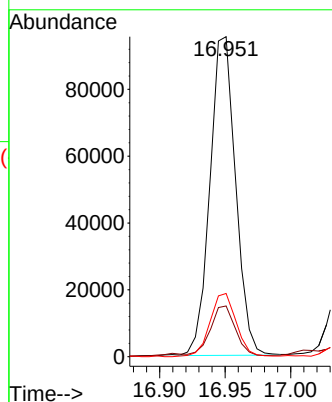
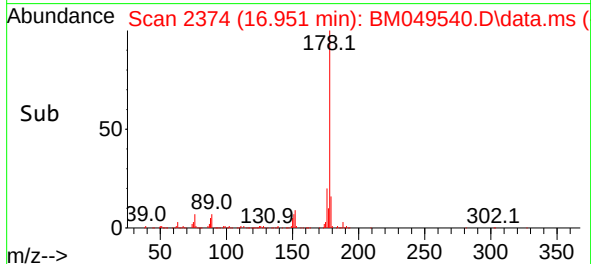
Instrument :
BNA_M
ClientSampleId :
A44Q7



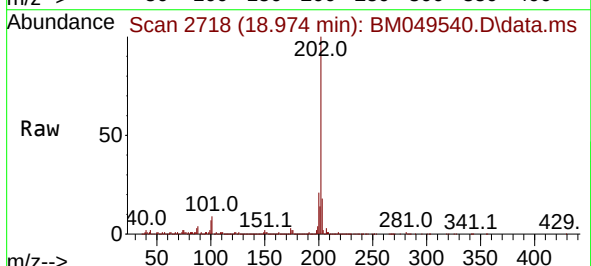
Tgt Ion:178 Resp: 12997
Ion Ratio Lower Upper
178 100
179 15.9 12.4 18.6
176 19.8 15.6 23.4

Manual Integrations
APPROVED

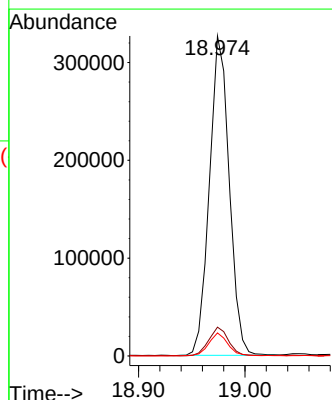
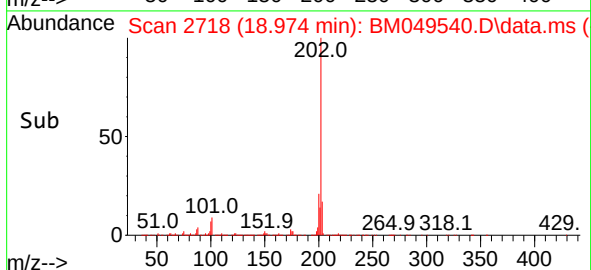
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025

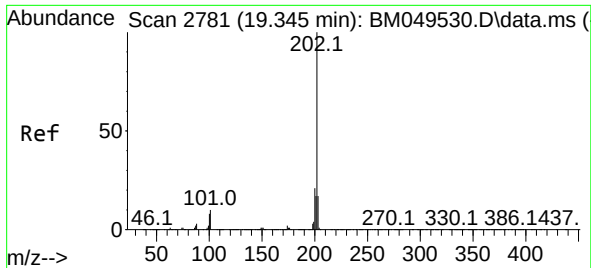


#80
Fluoranthene
Concen: 4.233 ng/ul
RT: 18.974 min Scan# 2718
Delta R.T. -0.000 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45



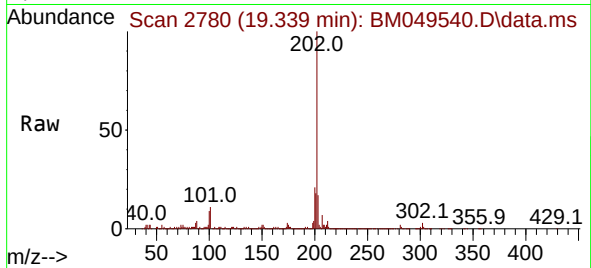
Tgt Ion:202 Resp: 422565
Ion Ratio Lower Upper
202 100
101 9.0 6.9 10.3
100 7.2 5.1 7.7





#82
Pyrene
Concen: 2.849 ng/ul
RT: 19.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

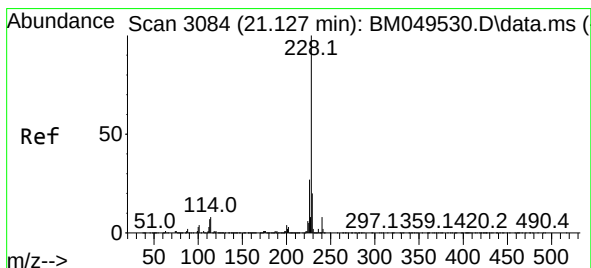
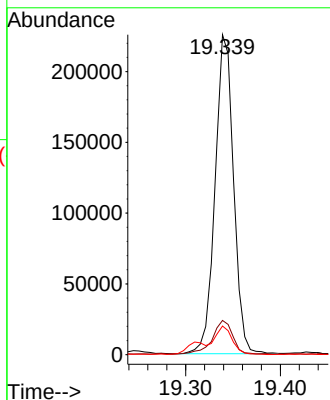
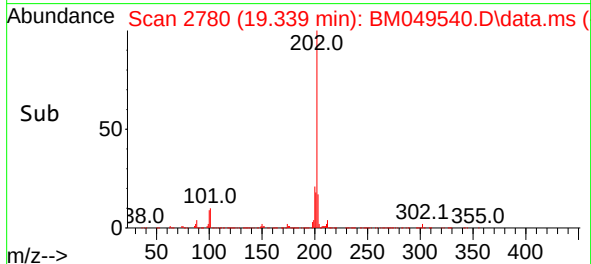
Instrument :
BNA_M
ClientSampleId :
A44Q7



Tgt Ion:202 Resp: 306035
Ion Ratio Lower Upper
202 100
101 10.7 8.3 12.5
100 9.0 6.6 9.8

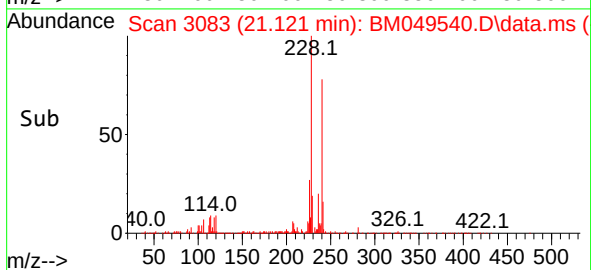
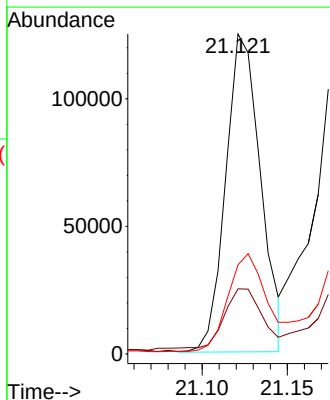
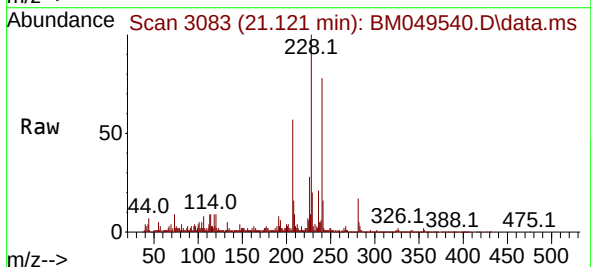
Manual Integrations
APPROVED

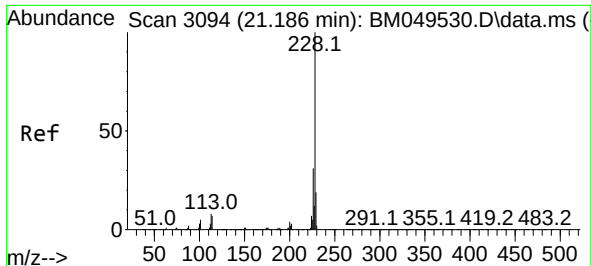
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#85
Benzo(a)anthracene
Concen: 1.695 ng/ul
RT: 21.121 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

Tgt Ion:228 Resp: 178031
Ion Ratio Lower Upper
228 100
229 20.4 15.7 23.5
226 27.8 22.1 33.1





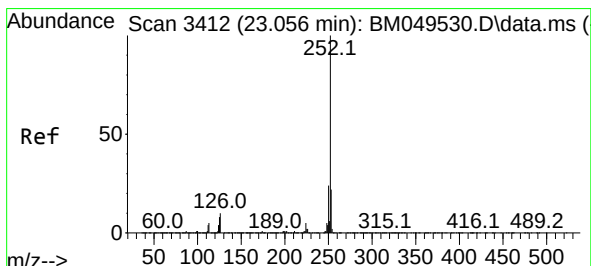
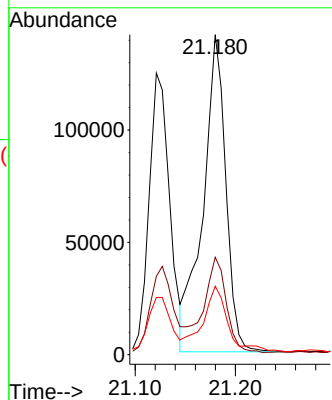
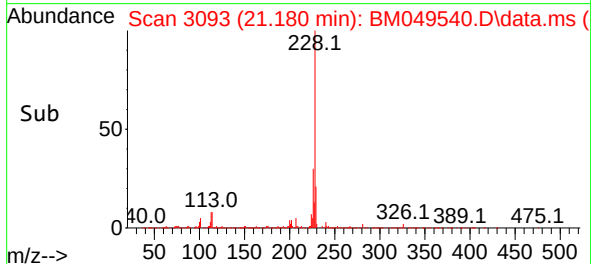
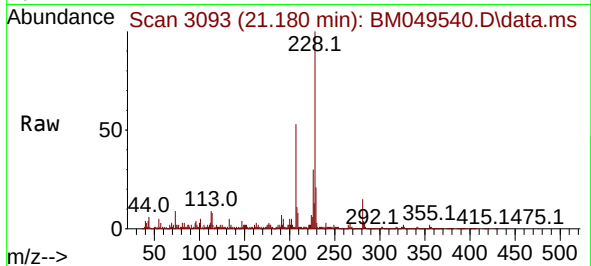
#87
Chrysene
Concen: 2.290 ng/ul
RT: 21.180 min Scan# 3093
Delta R.T. 0.006 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

Instrument :
BNA_M
ClientSampleId :
A44Q7

Tgt Ion:228 Resp: 22336
Ion Ratio Lower Upper
228 100
226 30.5 24.6 37.0
229 21.4 15.9 23.9

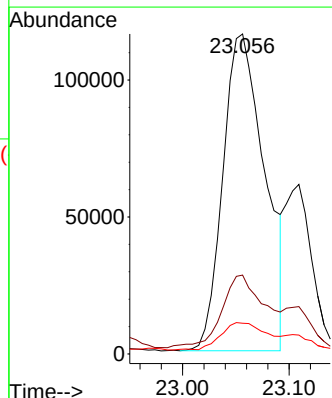
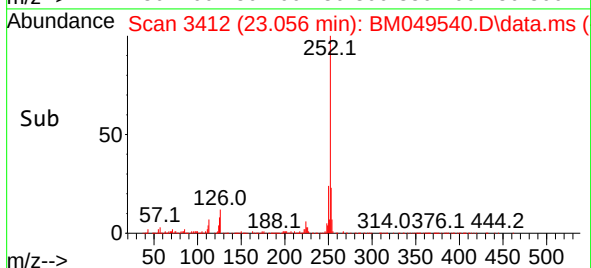
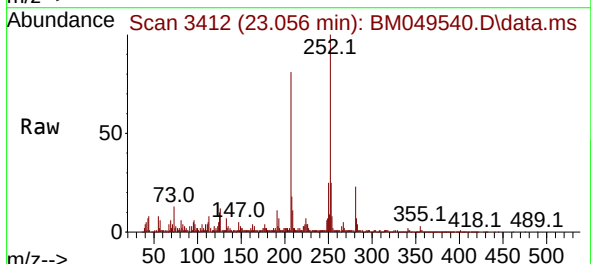
Manual Integrations
APPROVED

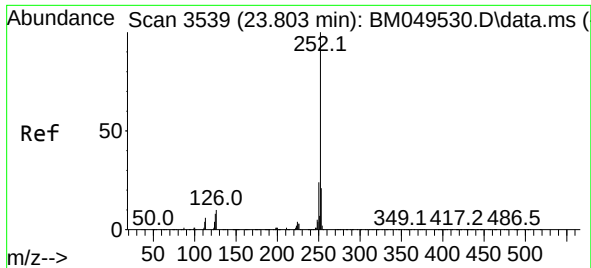
Reviewed By :Jagrut Upadhyay 01/31/2025
Supervised By :mohammad ahmed 02/04/2025



#90
Benzo(b)fluoranthene
Concen: 3.046 ng/ul
RT: 23.056 min Scan# 3412
Delta R.T. 0.012 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

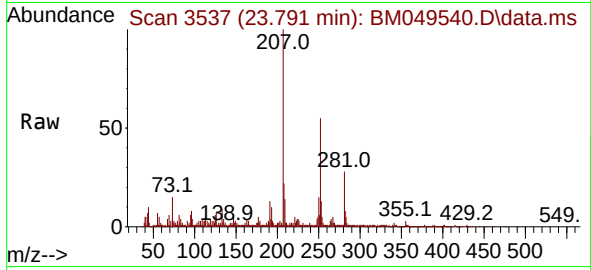
Tgt Ion:252 Resp: 315275
Ion Ratio Lower Upper
252 100
253 24.7 17.6 26.4
125 9.6 6.3 9.5#





#93
Benzo(a)pyrene
Concen: 1.160 ng/ul
RT: 23.791 min Scan# 30
Delta R.T. 0.012 min
Lab File: BM049540.D
Acq: 30 Jan 2025 23:45

Instrument :
BNA_M
ClientSampleId :
A44Q7



Tgt Ion:252 Resp: 112614
Ion Ratio Lower Upper
252 100
253 24.1 17.3 25.9
125 11.8 7.0 10.6

Manual Integrations
APPROVED

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

