

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049555.D
 Acq On : 31 Jan 2025 13:20
 Operator : RC/JU
 Sample : Q1190-15
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44T4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/03/2025
 Supervised By :mohammad ahmed 02/04/2025

Quant Time: Feb 03 08:01:32 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	7.504	152	229420	20.000	ng/u1	0.00
20) Naphthalene-d8	10.269	136	875568	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.151	164	584166	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.910	188	1258736	20.000	ng/u1	0.00
79) Chrysene-d12	21.145	240	1325313	20.000	ng/u1	0.01
88) Perylene-d12	23.933	264	1430920	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	10145m	1.638	ng/uL	-0.01
4) Pyridine-d5	3.511	84	45009	2.474	ng/u1	0.00
7) Phenol-d5	6.722	99	221242	11.884	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	6.857	67	124160	9.753	ng/u1	0.00
11) 2-Chlorophenol-d4	7.051	132	169636	11.775	ng/u1	0.00
15) 4-Methylphenol-d8	8.234	113	142550	10.451	ng/u1	0.00
21) Nitrobenzene-d5	8.651	128	73436	10.963	ng/u1	0.00
24) 2-Nitrophenol-d4	9.369	143	85715	11.732	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	177807	11.926	ng/u1	0.01
31) 4-Chloroaniline-d4	10.434	131	42127m	2.203	ng/u1	0.01
46) Dimethylphthalate-d6	13.575	166	534628	12.482	ng/u1	0.00
49) Acenaphthylene-d8	13.839	160	613484	12.190	ng/u1	0.00
54) 4-Nitrophenol-d4	14.427	143	66860m	9.516	ng/u1	0.05
60) Fluorene-d10	15.151	176	479619	12.733	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.292	200	44701	5.636	ng/u1	0.01
73) Anthracene-d10	17.004	188	777231	12.365	ng/u1	0.00
81) Pyrene-d10	19.315	212	815075	10.520	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.744	264	574716	7.530	ng/u1	0.02
Target Compounds						
					Qvalue	
8) Phenol	6.751	94	46734	2.392	ng/u1	99
16) Acetophenone	8.322	105	185157	8.163	ng/u1	99
72) Phenanthrene	16.951	178	191445	2.702	ng/u1	98
80) Fluoranthene	18.980	202	485036	5.481	ng/u1	99
82) Pyrene	19.345	202	362714	3.809	ng/u1	99
85) Benzo(a)anthracene	21.127	228	206189	2.215	ng/u1#	90
87) Chrysene	21.186	228	265426	3.070	ng/u1#	94
90) Benzo(b)fluoranthene	23.062	252	351880	3.794	ng/u1#	93
91) Benzo(k)fluoranthene	23.115	252	128352	1.369	ng/u1#	81
93) Benzo(a)pyrene	23.809	252	135262	1.555	ng/u1#	84
94) Indeno(1,2,3-cd)pyrene	27.027	276	139944	1.298	ng/u1#	90

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

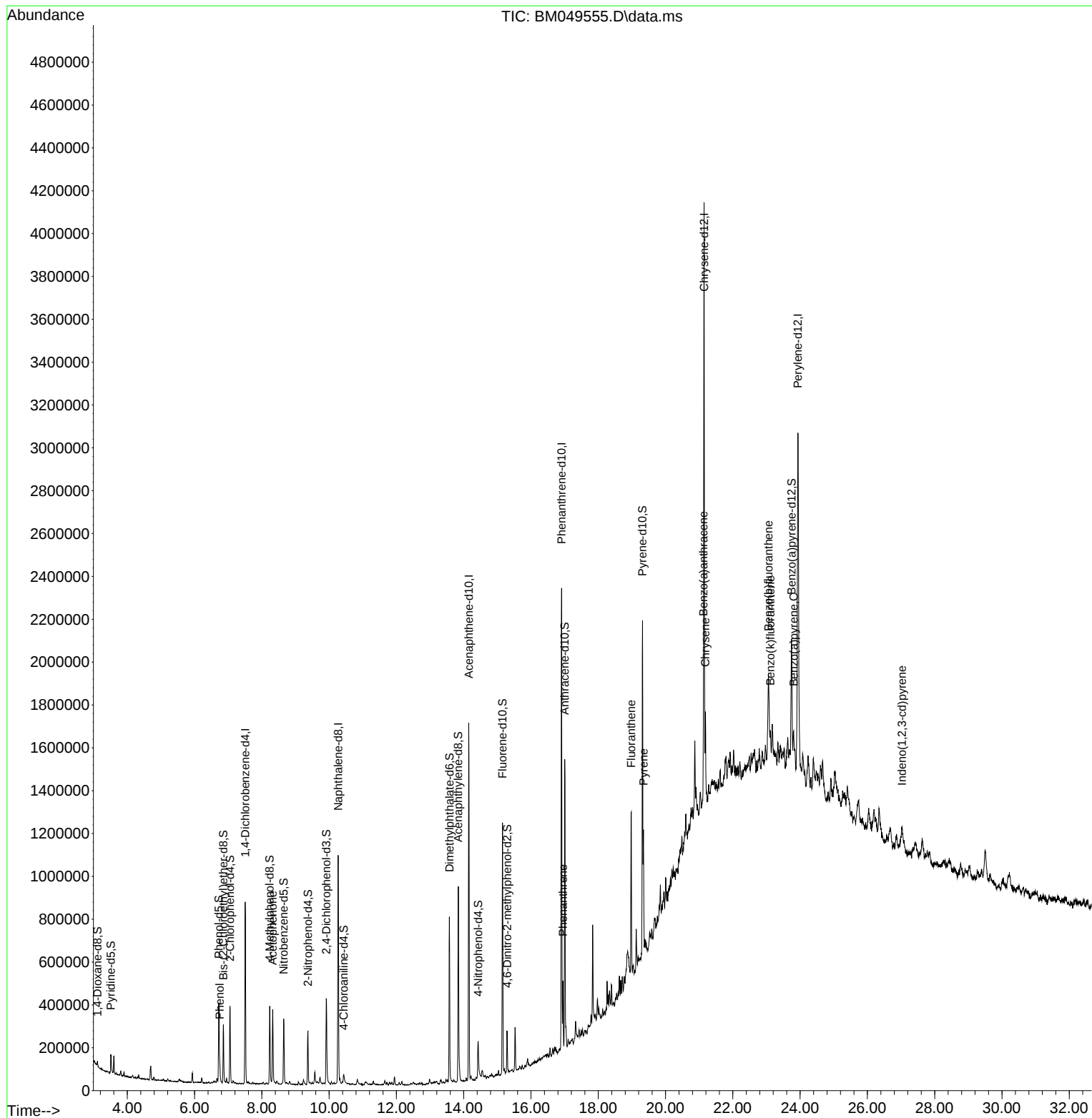
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049555.D
Acq On : 31 Jan 2025 13:20
Operator : RC/JU
Sample : Q1190-15
Misc :
ALS Vial : 36 Sample Multiplier: 1

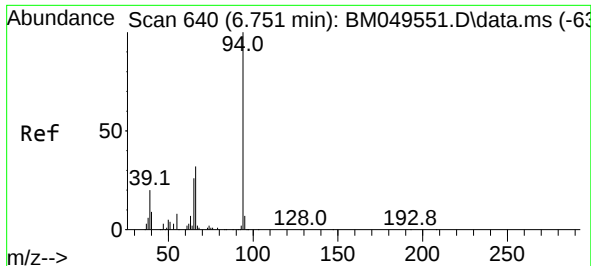
Instrument :
BNA_M
ClientSampleId :
A44T4

Quant Time: Feb 03 08:01:32 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
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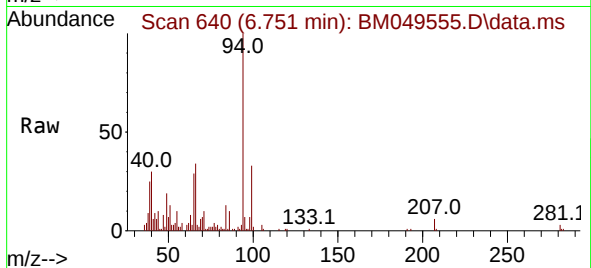
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025





#8
Phenol
Concen: 2.392 ng/ul
RT: 6.751 min Scan# 640
Delta R.T. 0.018 min
Lab File: BM049555.D
Acq: 31 Jan 2025 13:20

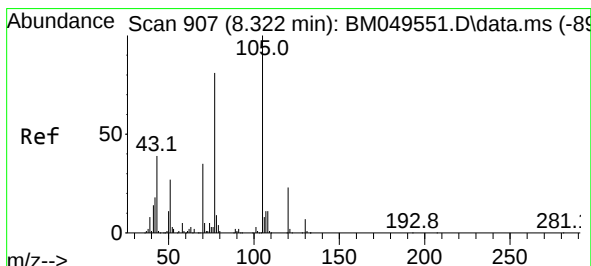
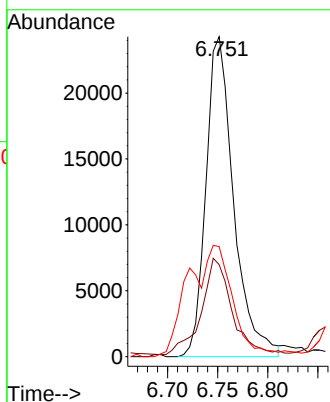
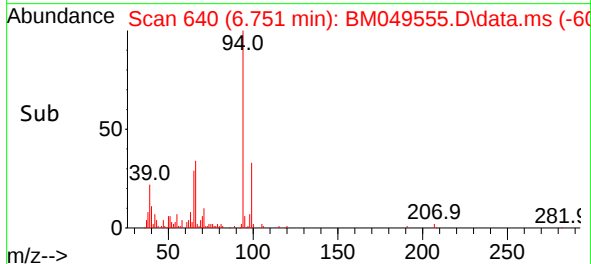
Instrument :
BNA_M
ClientSampleId :
A44T4



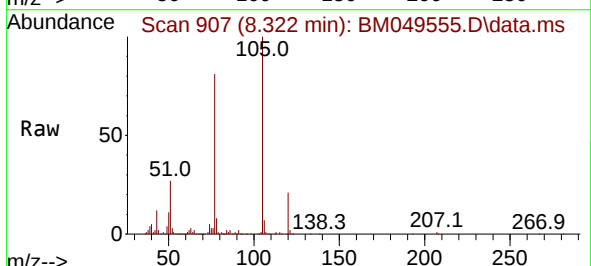
Tgt Ion: 94 Resp: 46734
Ion Ratio Lower Upper
94 100
65 28.7 23.4 35.0
66 34.4 27.8 41.8

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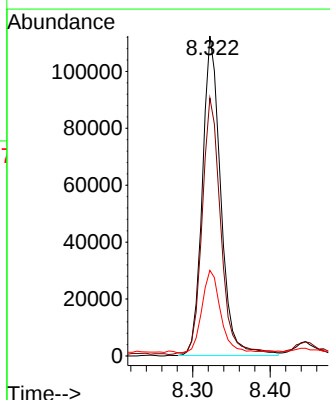
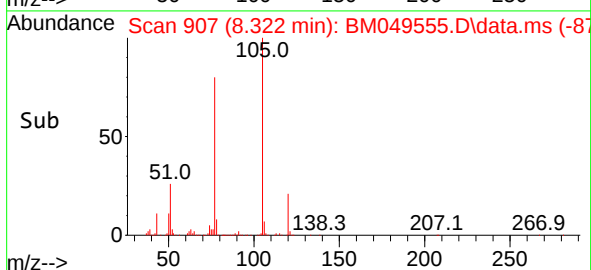
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

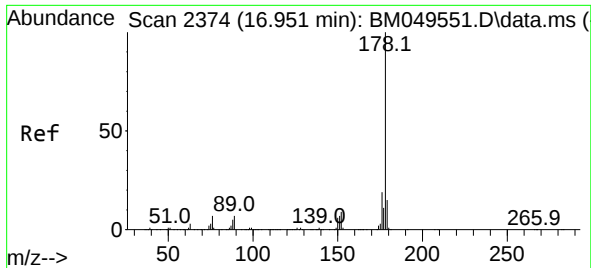


#16
Acetophenone
Concen: 8.163 ng/ul
RT: 8.322 min Scan# 907
Delta R.T. -0.006 min
Lab File: BM049555.D
Acq: 31 Jan 2025 13:20



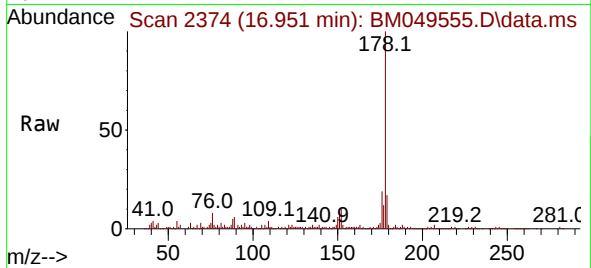
Tgt Ion:105 Resp: 185157
Ion Ratio Lower Upper
105 100
77 80.7 64.6 97.0
51 26.8 23.3 34.9





#72
Phenanthrene
Concen: 2.702 ng/ul
RT: 16.951 min Scan# 2374
Delta R.T. 0.006 min
Lab File: BM049555.D
Acq: 31 Jan 2025 13:20

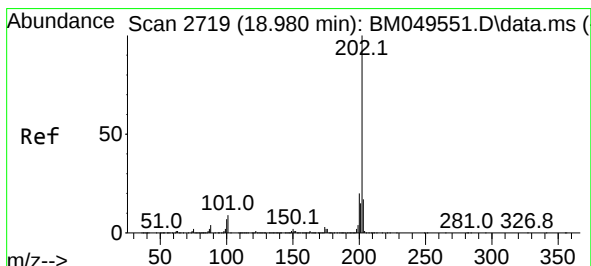
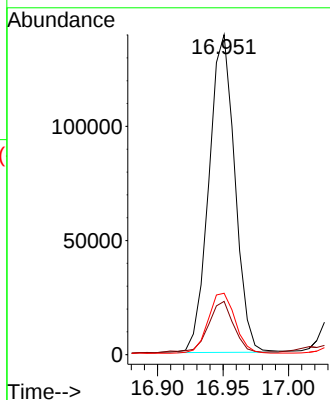
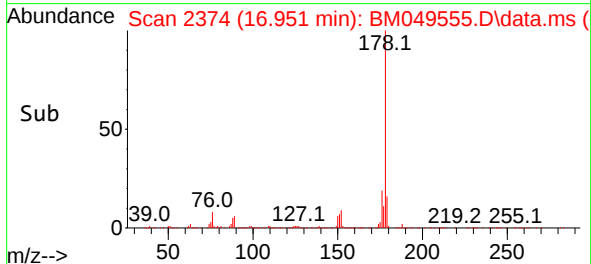
Instrument :
BNA_M
ClientSampleId :
A44T4



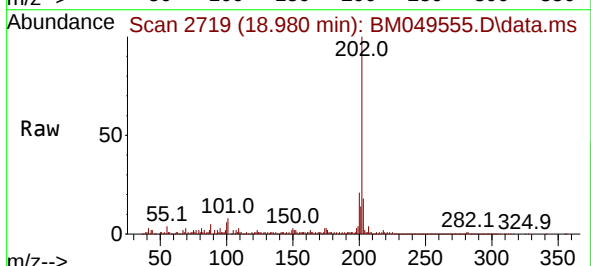
Tgt Ion:178 Resp: 191445
Ion Ratio Lower Upper
178 100
179 16.6 12.4 18.6
176 19.2 15.6 23.4

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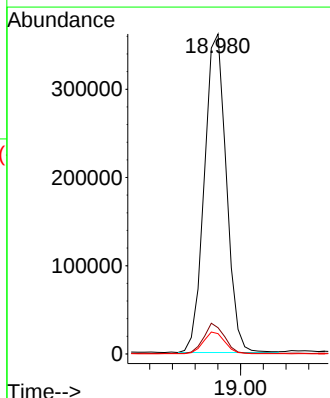
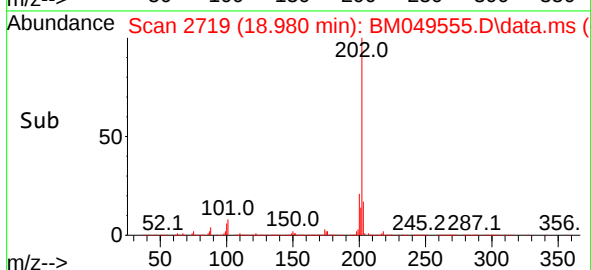
Reviewed By :Jagrut Upadhyay 02/03/2025
Supervised By :mohammad ahmed 02/04/2025

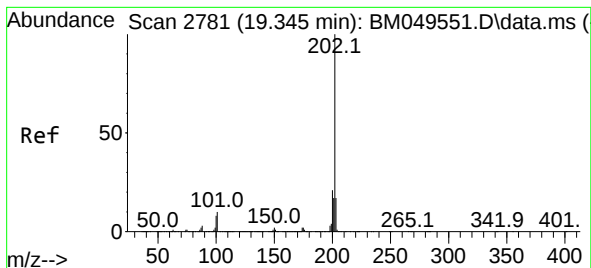


#80
Fluoranthene
Concen: 5.481 ng/ul
RT: 18.980 min Scan# 2719
Delta R.T. 0.006 min
Lab File: BM049555.D
Acq: 31 Jan 2025 13:20



Tgt Ion:202 Resp: 485036
Ion Ratio Lower Upper
202 100
101 8.2 6.9 10.3
100 6.3 5.1 7.7





#82

Pyrene

Concen: 3.809 ng/ul

RT: 19.345 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM049555.D

Acq: 31 Jan 2025 13:20

Instrument :

BNA_M

ClientSampleId :

A44T4

Tgt Ion:202 Resp: 362714

Ion Ratio Lower Upper

202 100

101 10.7 8.3 12.5

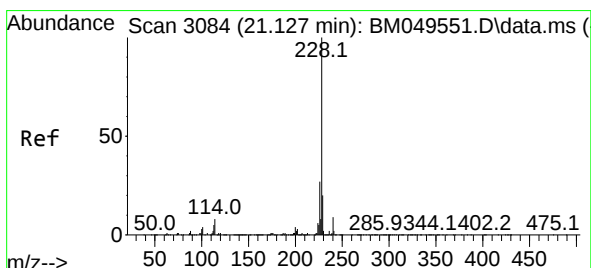
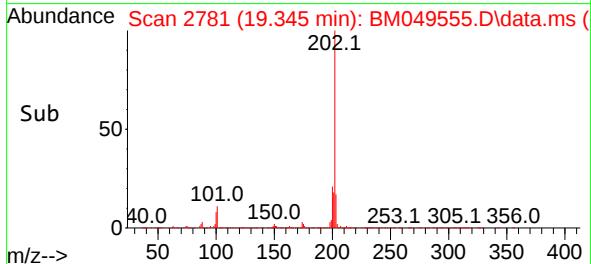
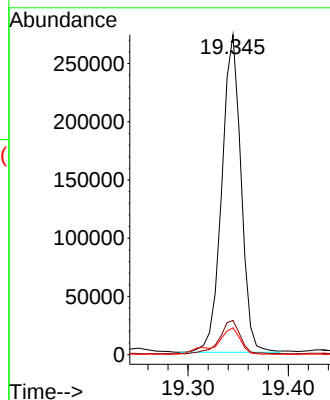
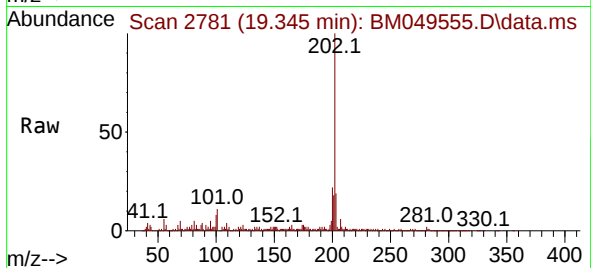
100 8.4 6.6 9.8

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#85

Benzo(a)anthracene

Concen: 2.215 ng/ul

RT: 21.127 min Scan# 3084

Delta R.T. 0.012 min

Lab File: BM049555.D

Acq: 31 Jan 2025 13:20

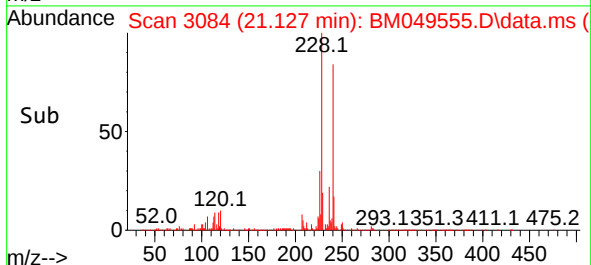
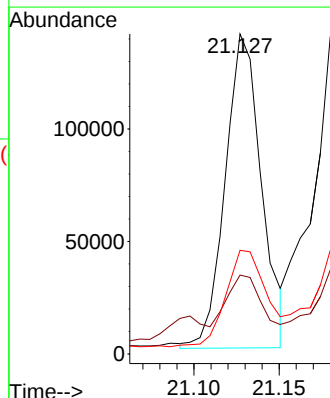
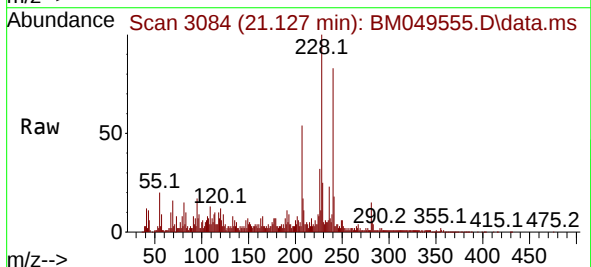
Tgt Ion:228 Resp: 206189

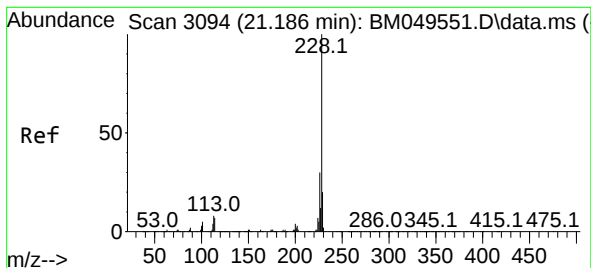
Ion Ratio Lower Upper

228 100

229 24.7 15.7 23.5#

226 32.4 22.1 33.1





#87

Chrysene

Concen: 3.070 ng/ul

RT: 21.186 min Scan# 3094

Delta R.T. 0.012 min

Lab File: BM049555.D

Acq: 31 Jan 2025 13:20

Instrument :

BNA_M

ClientSampleId :

A44T4

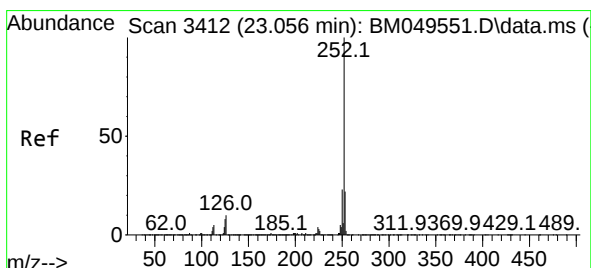
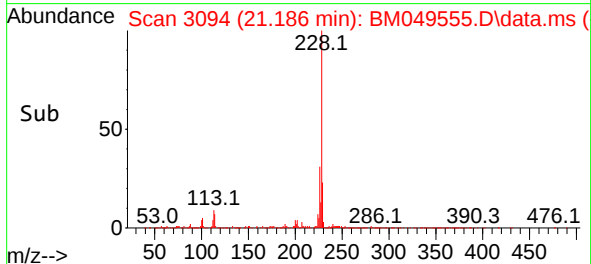
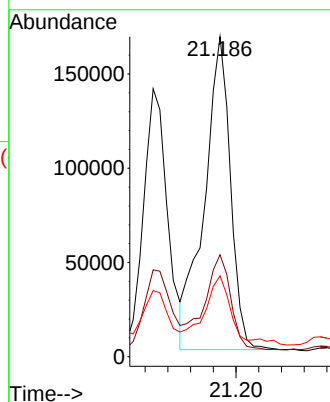
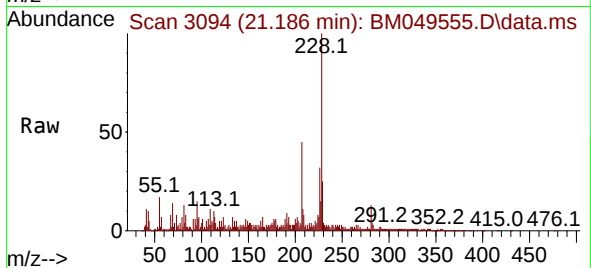
Tgt Ion:228 Resp: 265420

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.6	37.0
229	25.2	15.9	23.9

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#90

Benzo(b)fluoranthene

Concen: 3.794 ng/ul

RT: 23.062 min Scan# 3413

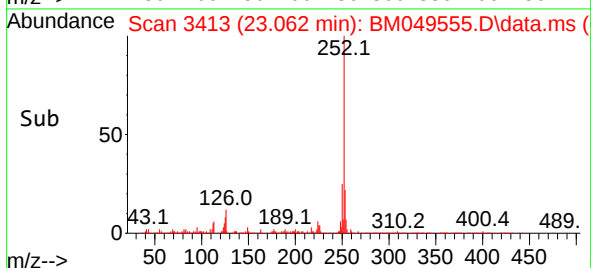
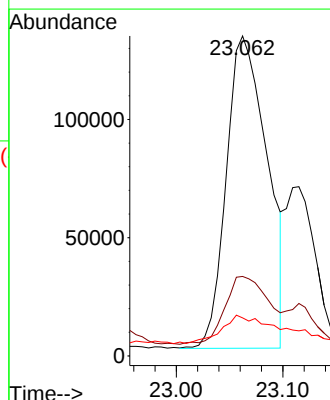
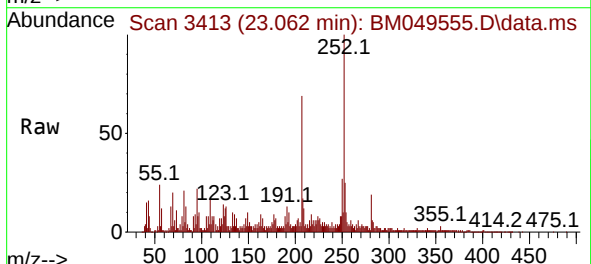
Delta R.T. 0.018 min

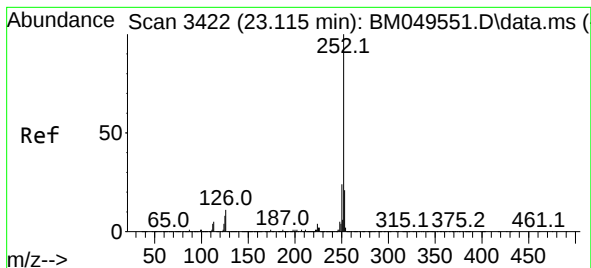
Lab File: BM049555.D

Acq: 31 Jan 2025 13:20

Tgt Ion:252 Resp: 351880

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.6	26.4
125	11.9	6.3	9.5





#91

Benzo(k)fluoranthene

Concen: 1.369 ng/ul

RT: 23.115 min Scan# 34

Delta R.T. 0.018 min

Lab File: BM049555.D

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Instrument :

BNA_M

ClientSampleId :

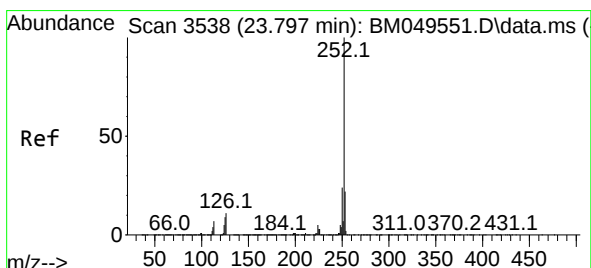
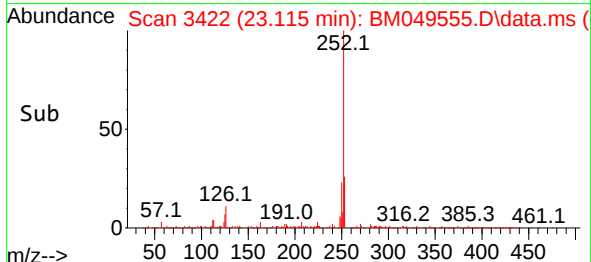
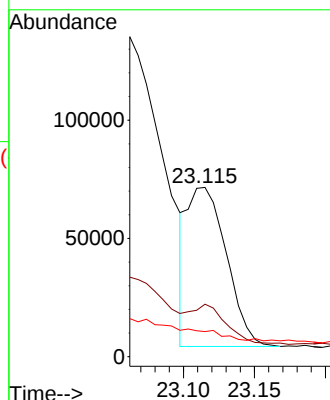
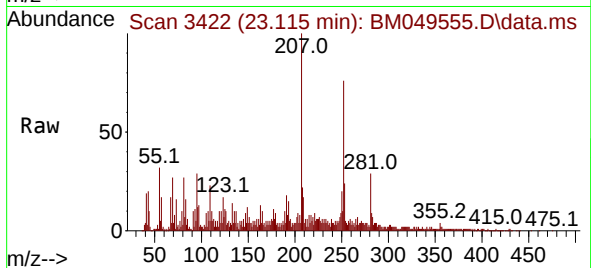
A44T4

Tgt Ion:252 Resp: 128352
 Ion Ratio Lower Upper
 252 100
 253 31.0 17.5 26.3#
 125 14.8 6.5 9.7#

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#93

Benzo(a)pyrene

Concen: 1.555 ng/ul

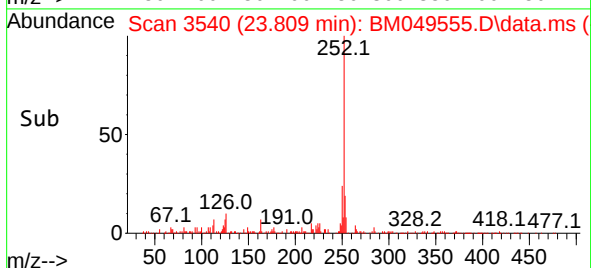
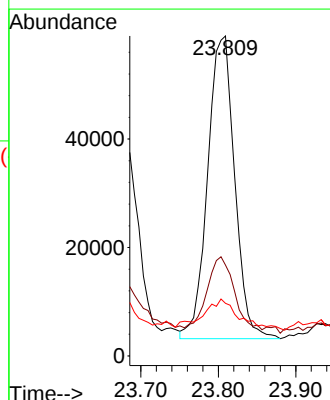
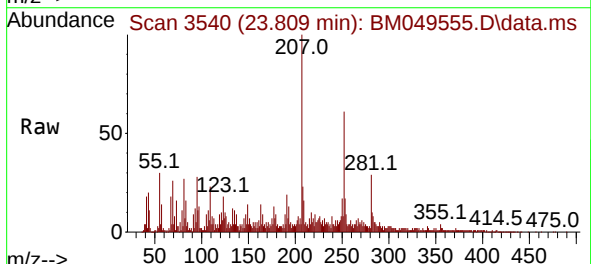
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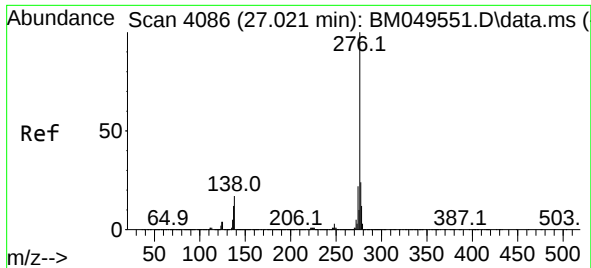
Delta R.T. 0.029 min

Lab File: BM049555.D

Acq: 31 Jan 2025 13:20

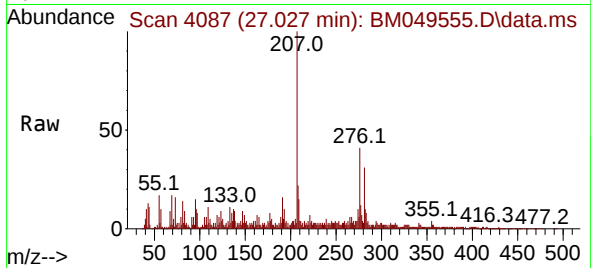
Tgt Ion:252 Resp: 135262
 Ion Ratio Lower Upper
 252 100
 253 28.4 17.3 25.9#
 125 16.5 7.0 10.6#





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.298 ng/ul
 RT: 27.027 min Scan# 4087
 Delta R.T. 0.035 min
 Lab File: BM049555.D
 Acq: 31 Jan 2025 13:20

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Tgt Ion:276 Resp: 139944
 Ion Ratio Lower Upper
 276 100
 138 21.8 13.8 20.6
 277 28.6 19.0 28.6

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