

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
 Data File : BM044112.D
 Acq On : 15 Feb 2024 22:11
 Operator : MA/JU
 Sample : P1329-09
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COFL8

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/17/2024
 Supervised By :mohammad ahmed 02/19/2024

Quant Time: Feb 17 02:27:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM021524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 15 13:40:24 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	10255	0.400	ng/ul	0.00
4) Naphthalene-d8	10.705	136	33477	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.543	164	17077	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.296	188	35559m	0.400	ng/ul	0.00
17) Chrysene-d12	21.499	240	21371m	0.400	ng/ul	0.00
23) Perylene-d12	23.890	264	24021	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	77537	5.339	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.294	152	15653	0.334	ng/ul	0.00
18) Fluoranthene-d10	19.331	212	29089	0.456	ng/ul	0.00
Target Compounds						
						Qvalue
14) Pentachlorophenol	16.942	266	389	0.031	ng/ul	96
15) Phenanthrene	17.339	178	9287	0.082	ng/ul	98
19) Fluoranthene	19.358	202	37307	0.383	ng/ul	96
20) Pyrene	19.726	202	31945m	0.312	ng/ul	
21) Benzo(a)anthracene	21.482	228	15234	0.156	ng/ul	97
22) Chrysene	21.534	228	15310	0.145	ng/ul	96
24) Benzo(b)fluoranthene	23.165	252	15770	0.159	ng/ul	84
25) Benzo(k)fluoranthene	23.209	252	6885m	0.064	ng/ul	
26) Benzo(a)pyrene	23.788	252	9289	0.101	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.366	276	4997	0.043	ng/ul#	97
29) Benzo(g,h,i)perylene	27.127	276	4660	0.045	ng/ul#	86

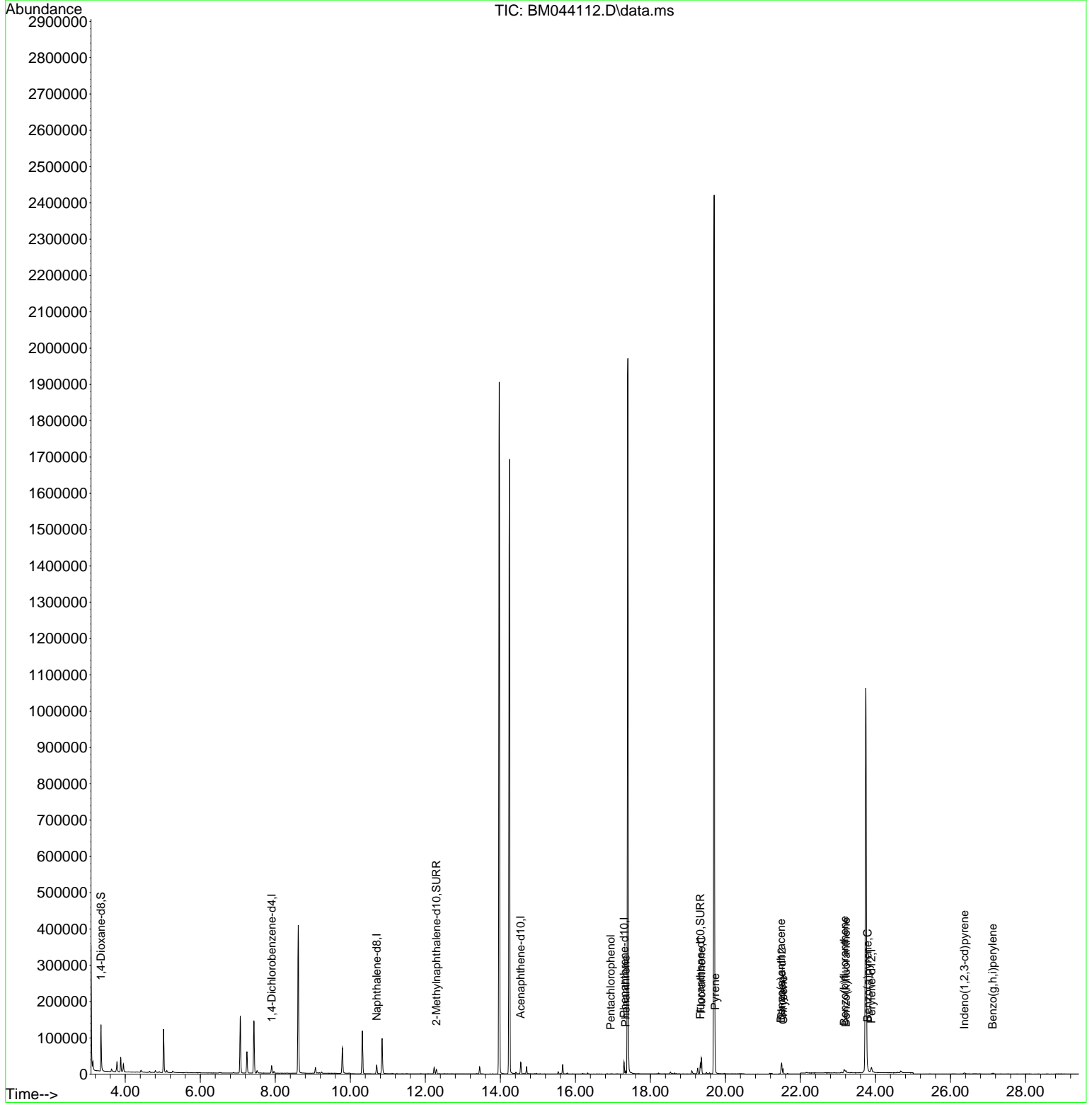
(#) = qualifier out of range (m) = manual integration (+) = signals summed

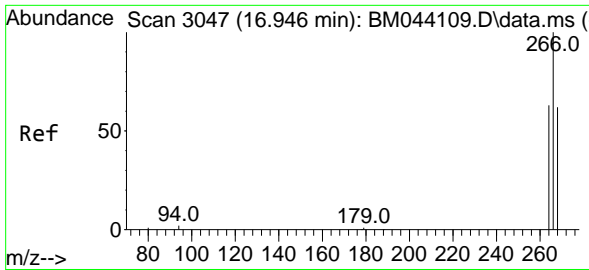
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021524\
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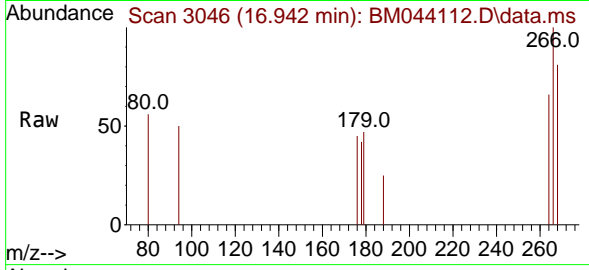
Manual Integrations
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#14
 Pentachlorophenol
 Concen: 0.031 ng/u1
 RT: 16.942 min Scan# 3046
 Delta R.T. -0.004 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11

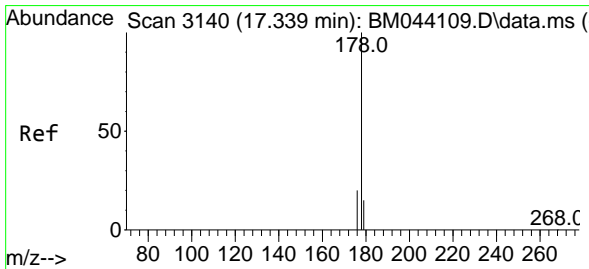
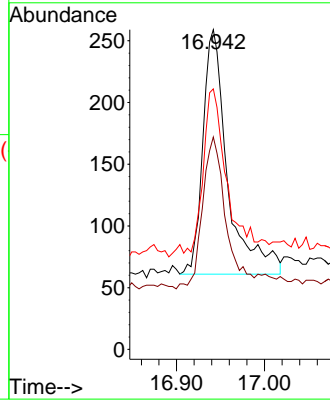
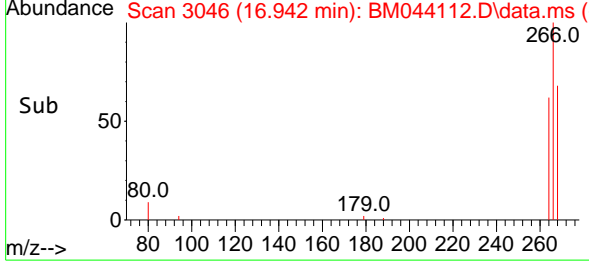
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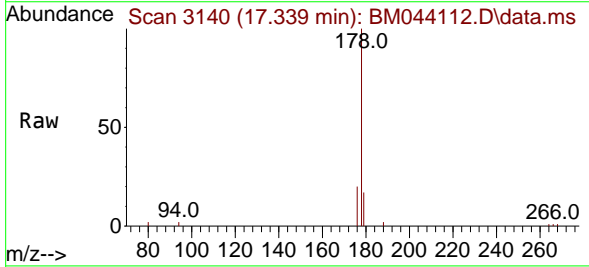
Tgt Ion:266 Resp: 389
 Ion Ratio Lower Upper
 266 100
 264 65.6 49.4 74.0
 268 67.4 52.1 78.1

Manual Integrations
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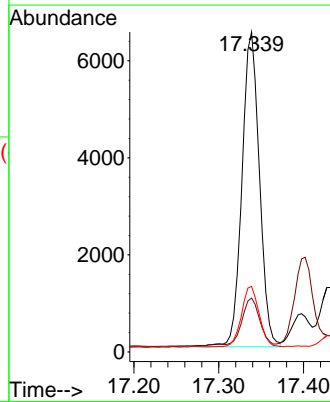
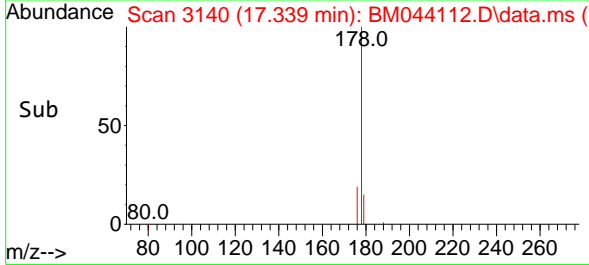
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 Supervised By :mohammad ahmed 02/19/2024

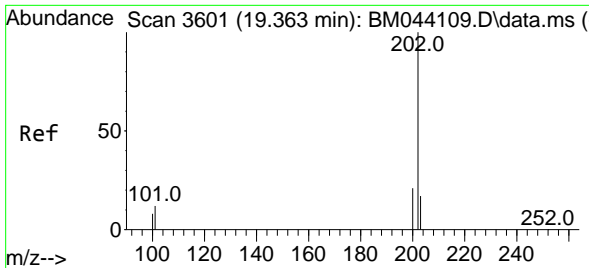


#15
 Phenanthrene
 Concen: 0.082 ng/u1
 RT: 17.339 min Scan# 3140
 Delta R.T. 0.000 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11



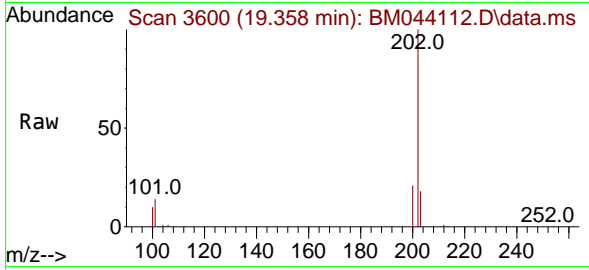
Tgt Ion:178 Resp: 9287
 Ion Ratio Lower Upper
 178 100
 179 16.8 12.6 19.0
 176 20.5 16.0 24.0





#19
 Fluoranthene
 Concen: 0.383 ng/u/l
 RT: 19.358 min Scan# 3600
 Delta R.T. -0.005 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11

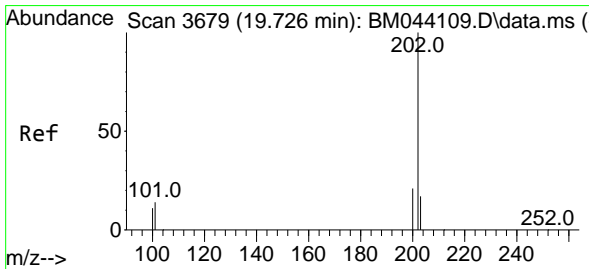
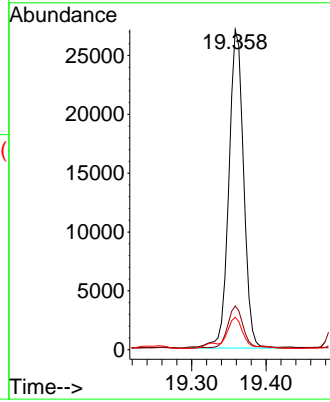
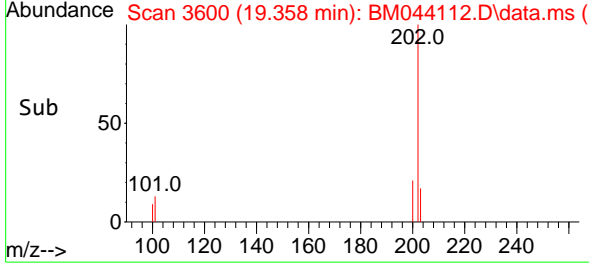
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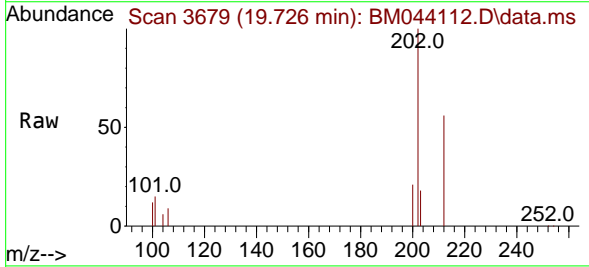
Tgt Ion:202 Resp: 3730
 Ion Ratio Lower Upper
 202 100
 101 13.7 9.8 14.6
 100 10.2 7.0 10.4

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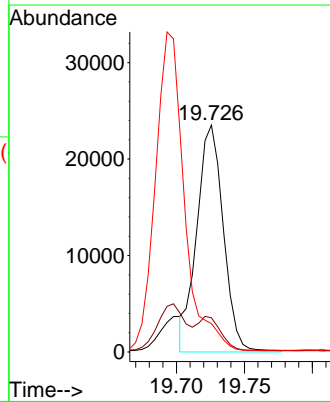
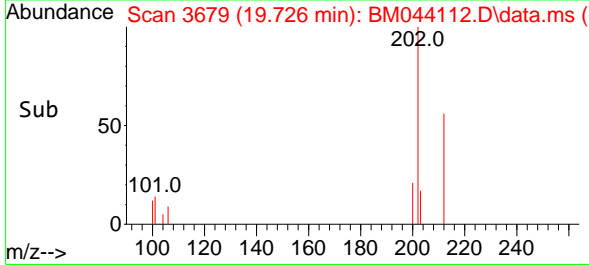
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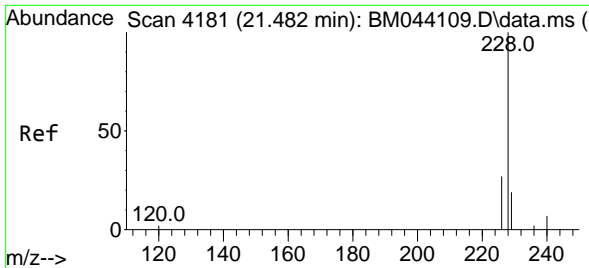


#20
 Pyrene
 Concen: 0.312 ng/u/l m
 RT: 19.726 min Scan# 3679
 Delta R.T. -0.000 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11



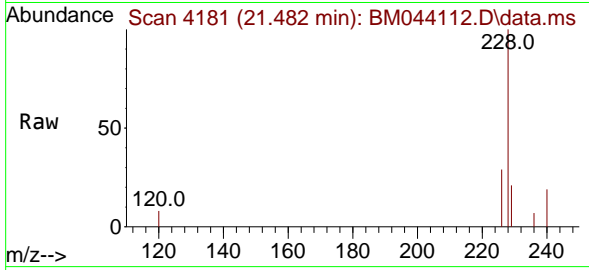
Tgt Ion:202 Resp: 31945
 Ion Ratio Lower Upper
 202 100
 101 15.1 11.2 16.8
 100 12.5 8.6 13.0





#21
 Benzo(a)anthracene
 Concen: 0.156 ng/u1
 RT: 21.482 min Scan# 4181
 Delta R.T. -0.003 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11

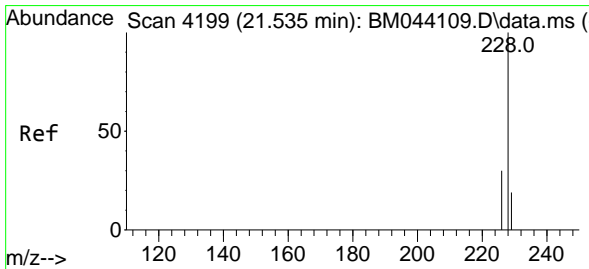
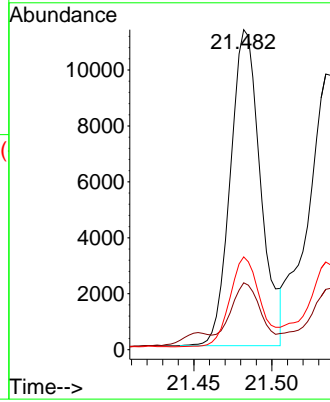
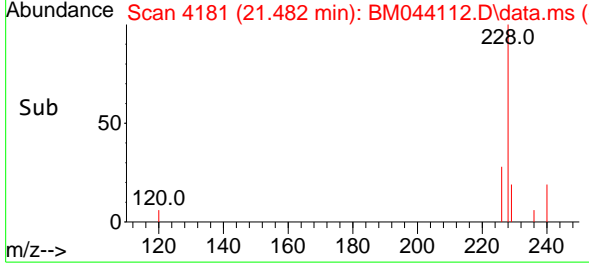
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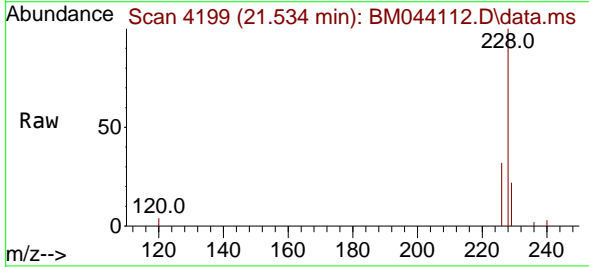
Tgt Ion:228 Resp: 15234
 Ion Ratio Lower Upper
 228 100
 229 20.9 15.4 23.2
 226 29.0 22.1 33.1

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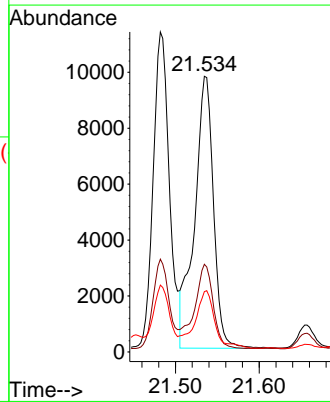
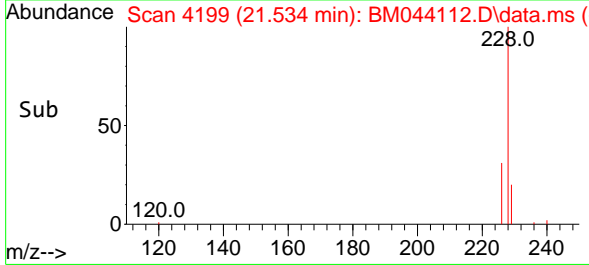
Reviewed By :Yogesh Patel 02/17/2024
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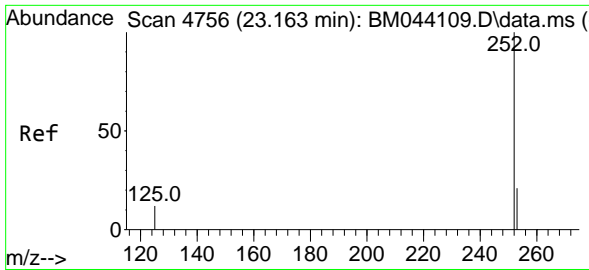


#22
 Chrysene
 Concen: 0.145 ng/u1
 RT: 21.534 min Scan# 4199
 Delta R.T. -0.003 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11



Tgt Ion:228 Resp: 15310
 Ion Ratio Lower Upper
 228 100
 226 31.8 24.2 36.2
 229 21.9 15.8 23.6





#24
 Benzo(b)fluoranthene
 Concen: 0.159 ng/u1
 RT: 23.165 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11

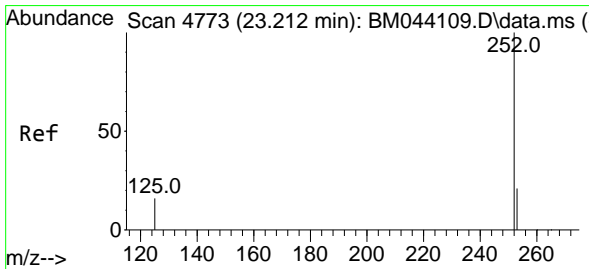
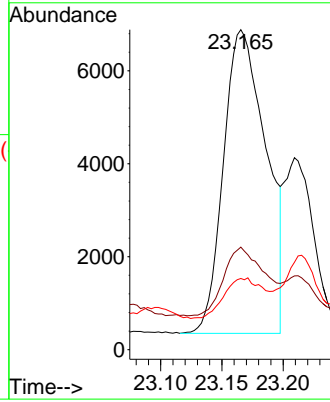
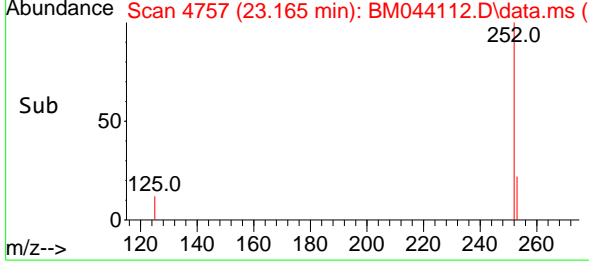
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 ClientSampleId :
 COFL8



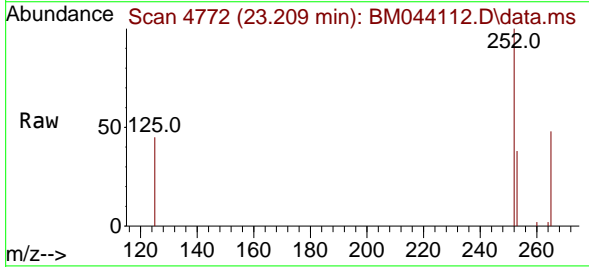
Tgt Ion:252 Resp: 15770
 Ion Ratio Lower Upper
 252 100
 253 32.1 0.0 50.0
 125 22.2 0.0 28.2

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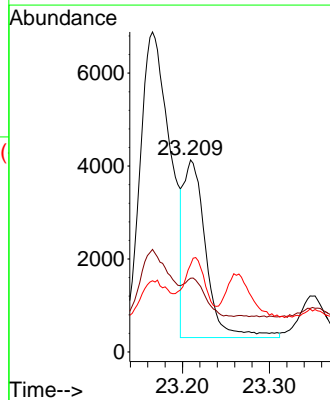
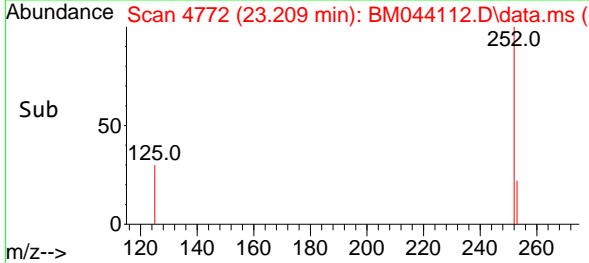
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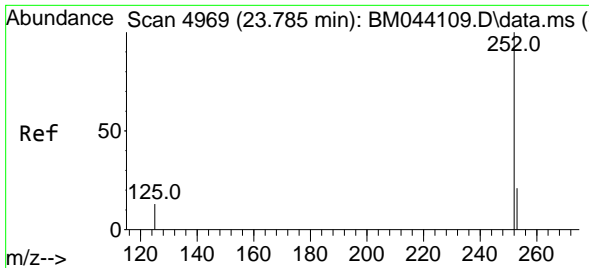


#25
 Benzo(k)fluoranthene
 Concen: 0.064 ng/u1 m
 RT: 23.209 min Scan# 4772
 Delta R.T. -0.003 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11



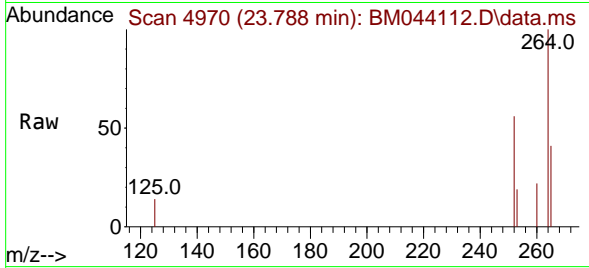
Tgt Ion:252 Resp: 6885
 Ion Ratio Lower Upper
 252 100
 253 38.4 20.1 30.1#
 125 45.5 12.3 18.5#





#26
 Benzo(a)pyrene
 Concen: 0.101 ng/u1
 RT: 23.788 min Scan# 4969
 Delta R.T. 0.003 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11

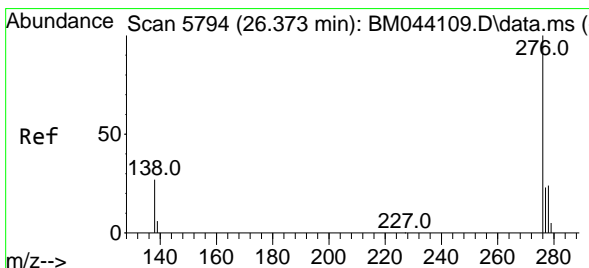
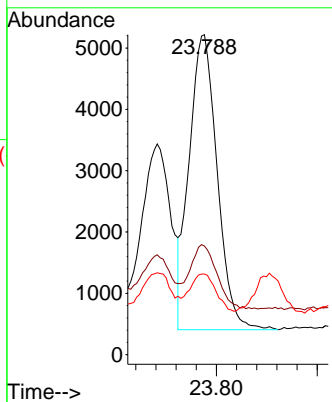
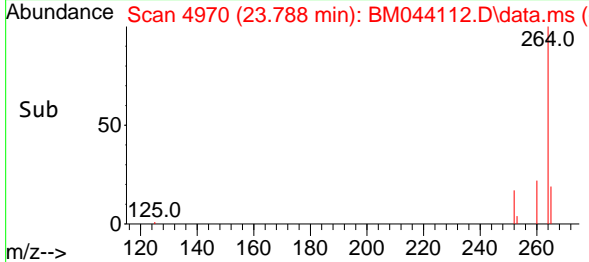
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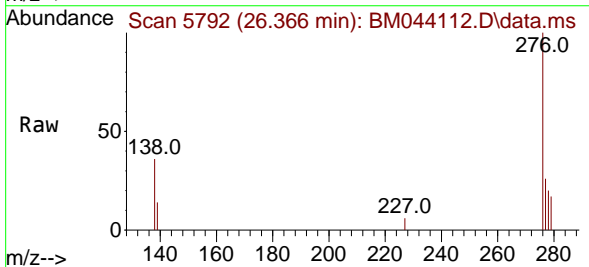
Tgt Ion:252 Resp: 9289
 Ion Ratio Lower Upper
 252 100
 253 33.9 21.4 32.2
 125 25.2 13.3 19.9

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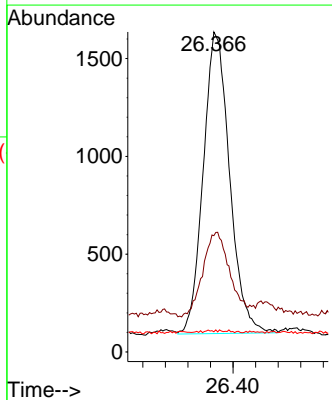
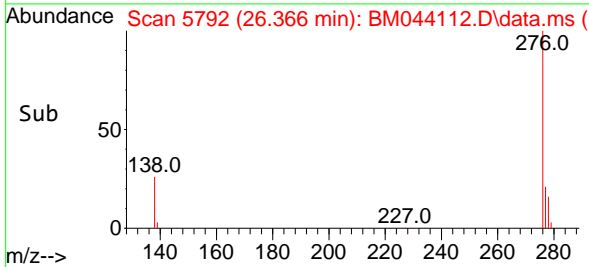
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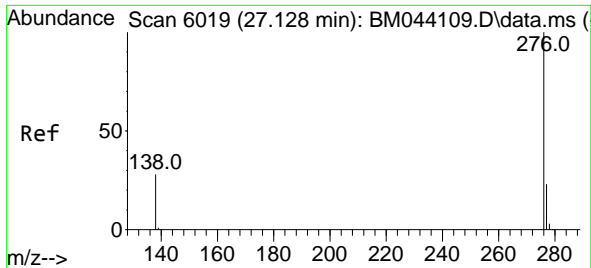


#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.043 ng/u1
 RT: 26.366 min Scan# 5792
 Delta R.T. -0.004 min
 Lab File: BM044112.D
 Acq: 15 Feb 2024 22:11



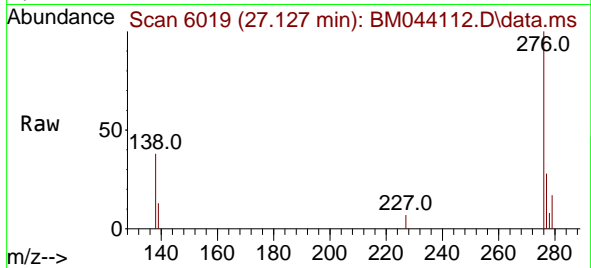
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 Ion Ratio Lower Upper
 276 100
 138 29.6 25.2 37.8
 227 0.2 0.1 0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.045 ng/ul
 RT: 27.127 min Scan# 6019
 Delta R.T. -0.000 min
 Lab File: BM044112.D
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Instrument :
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Tgt Ion:276 Resp: 4660
 Ion Ratio Lower Upper
 276 100
 138 38.2 22.7 34.1
 277 27.8 19.0 28.6

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