

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
 Data File : BM043394.D
 Acq On : 18 Dec 2023 15:42
 Operator : MA/JU
 Sample : 05626-15DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCLG1DL

Quant Time: Dec 19 01:19:43 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 22:09:25 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/19/2023
 Supervised By :mohammad ahmed 12/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.992	152	463476	20.000	ng/u1	0.00
20) Naphthalene-d8	10.804	136	1990493	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.621	164	1012619	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.368	188	1710421	20.000	ng/u1	0.00
79) Chrysene-d12	21.544	240	1182564	20.000	ng/u1	0.00
88) Perylene-d12	23.968	264	1378753	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	8269	0.580	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	7.151	99	166493	3.158	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	105857	3.170	ng/u1	0.00
11) 2-Chlorophenol-d4	7.522	132	125233	3.111	ng/u1	0.00
15) 4-Methylphenol-d8	8.704	113	129433	3.164	ng/u1	0.00
21) Nitrobenzene-d5	9.163	128	60992	3.167	ng/u1	0.00
24) 2-Nitrophenol-d4	9.886	143	60252	3.028	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.422	165	110217	3.138	ng/u1	0.00
31) 4-Chloroaniline-d4	10.945	131	111037	2.149	ng/u1	0.00
46) Dimethylphthalate-d6	14.039	166	313951	3.444	ng/u1	0.00
49) Acenaphthylene-d8	14.315	160	362620	3.353	ng/u1	0.00
54) 4-Nitrophenol-d4	14.821	143	35084	2.033	ng/u1	0.00
60) Fluorene-d10	15.615	176	254992	3.383	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.733	200	23054	2.038	ng/u1	0.00
73) Anthracene-d10	17.462	188	350342	3.652	ng/u1	0.00
81) Pyrene-d10	19.750	212	331829	3.554	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.809	264	301878	3.548	ng/u1	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.851	128	140383	1.107	ng/u1	99
61) Fluorene	15.668	166	90574	1.003	ng/u1	98
72) Phenanthrene	17.409	178	572447	4.938	ng/u1	100
74) Anthracene	17.498	178	246522	2.107	ng/u1	99
80) Fluoranthene	19.421	202	2028142	17.542	ng/u1	99
82) Pyrene	19.780	202	1784049	15.010	ng/u1	96
85) Benzo(a)anthracene	21.527	228	531423	5.374	ng/u1	97
87) Chrysene	21.580	228	948107	10.658	ng/u1	99
90) Benzo(b)fluoranthene	23.233	252	1268739	12.008	ng/u1	98
91) Benzo(k)fluoranthene	23.280	252	406050m	3.940	ng/u1	
93) Benzo(a)pyrene	23.862	252	395207	4.100	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	315228	2.739	ng/u1	98
96) Benzo(g,h,i)perylene	27.273	276	109915	1.218	ng/u1	98

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

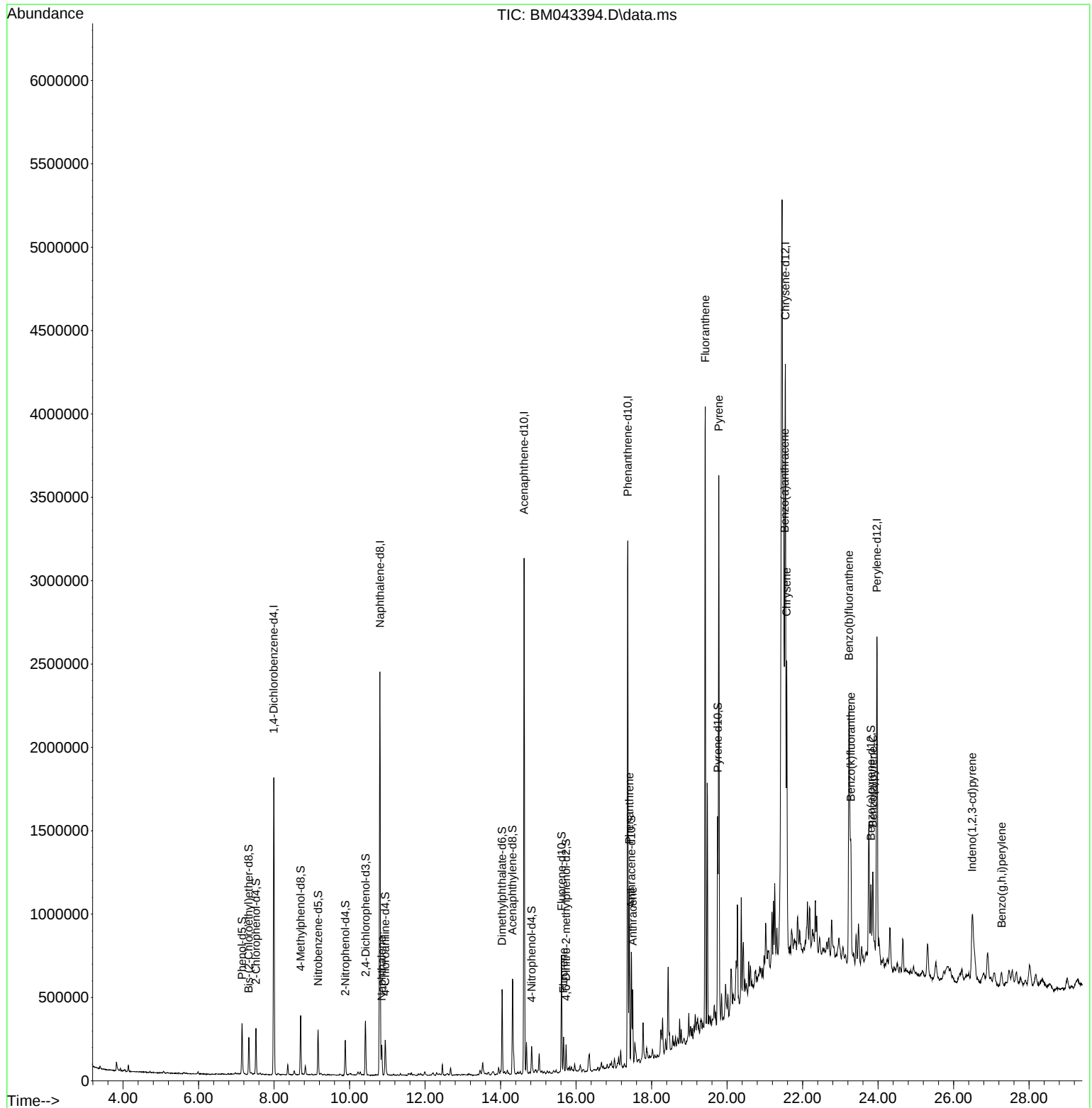
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121823\
Data File : BM043394.D
Acq On : 18 Dec 2023 15:42
Operator : MA/JU
Sample : 05626-15DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

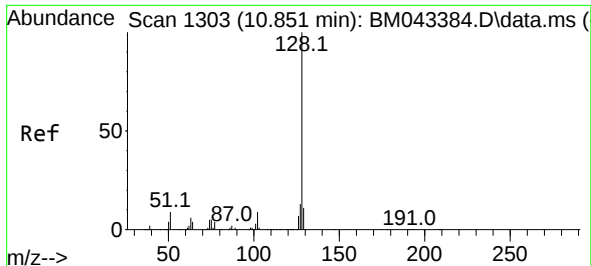
Instrument :
BNA_M
ClientSampleId :
DCLG1DL

Quant Time: Dec 19 01:19:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121523.MA.M
Quant Title : SVOA CALIBRATION
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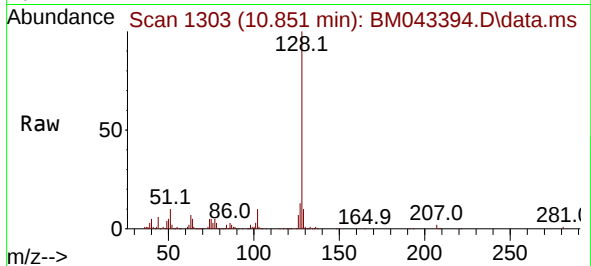
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023





#30
Naphthalene
Concen: 1.107 ng/ul
RT: 10.851 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

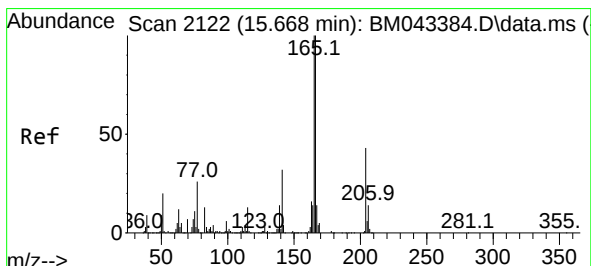
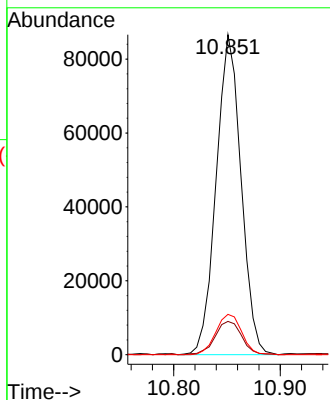
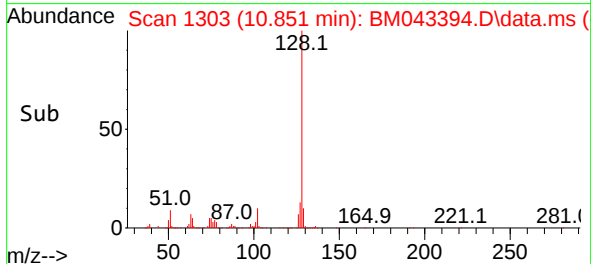
Instrument :
BNA_M
ClientSampleId :
DCLG1DL



Tgt Ion:128 Resp: 14038
Ion Ratio Lower Upper
128 100
129 10.4 8.8 13.2
127 12.6 10.2 15.4

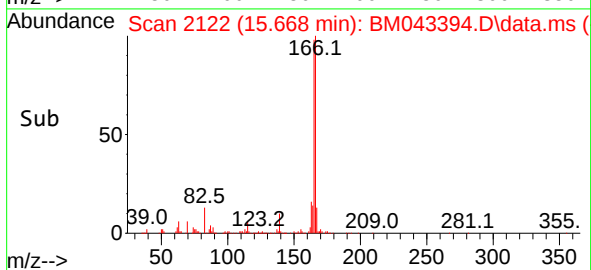
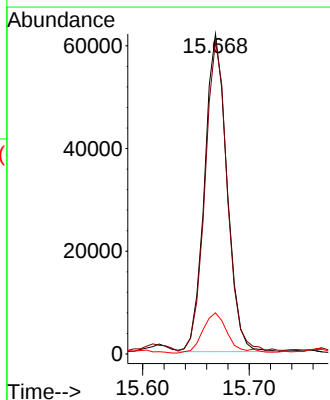
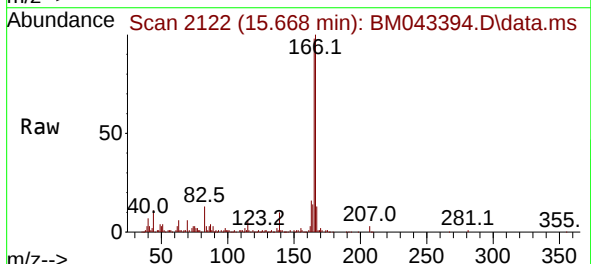
Manual Integrations
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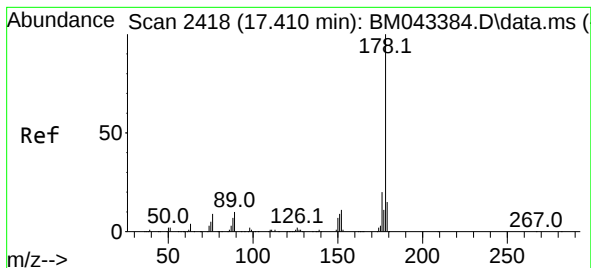
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#61
Fluorene
Concen: 1.003 ng/ul
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

Tgt Ion:166 Resp: 90574
Ion Ratio Lower Upper
166 100
165 97.9 76.9 115.3
167 12.9 10.9 16.3





#72

Phenanthrene

Concen: 4.938 ng/ul

RT: 17.409 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

Instrument :

BNA_M

ClientSampleId :

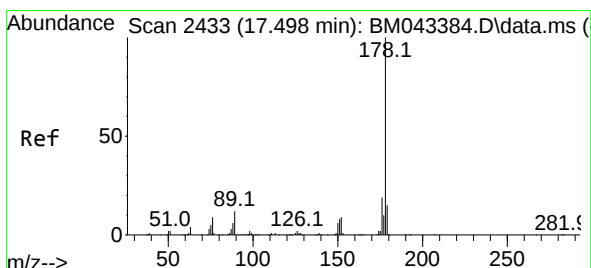
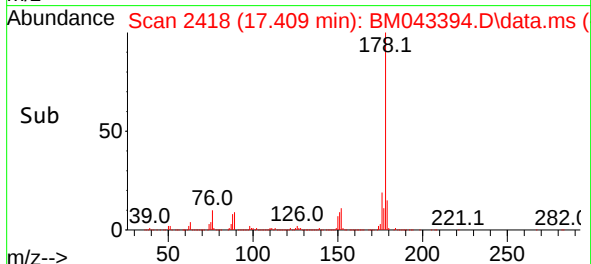
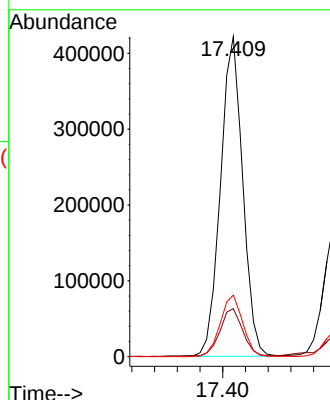
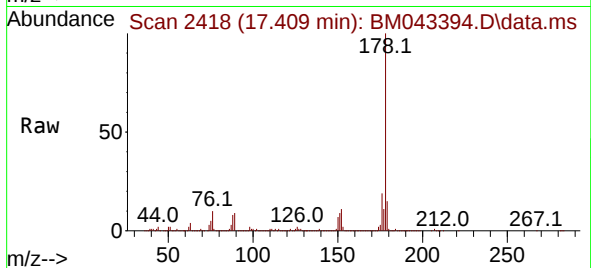
DCLG1DL

Tgt Ion:178	Resp: 57244
Ion Ratio	Lower Upper
178	100
179	15.0 12.2 18.4
176	19.3 15.5 23.3

Manual Integrations

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Supervised By :mohammad ahmed 12/20/2023



#74

Anthracene

Concen: 2.107 ng/ul

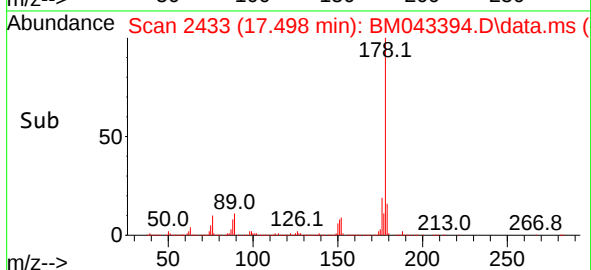
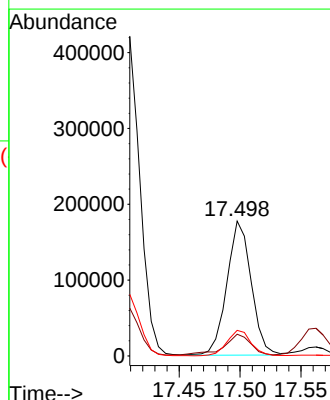
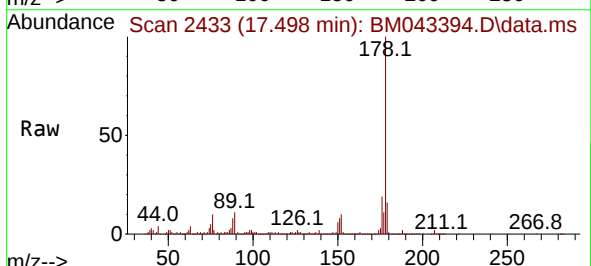
RT: 17.498 min Scan# 2433

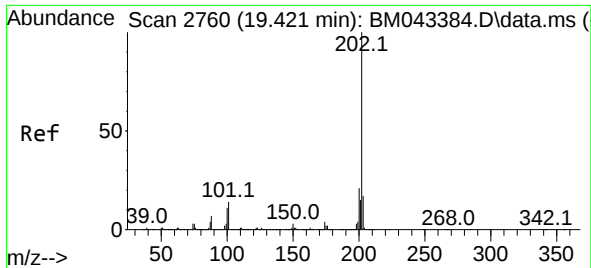
Delta R.T. -0.000 min

Lab File: BM043394.D

Acq: 18 Dec 2023 15:42

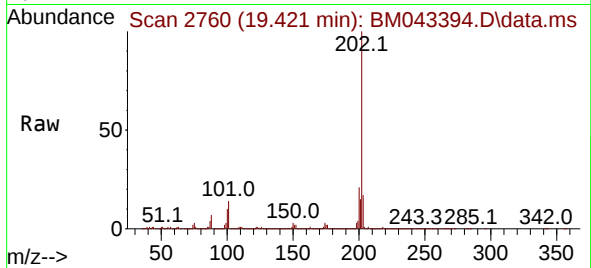
Tgt Ion:178	Resp: 246522
Ion Ratio	Lower Upper
178	100
179	16.2 12.4 18.6
176	19.0 15.2 22.8





#80
Fluoranthene
Concen: 17.542 ng/ul
RT: 19.421 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

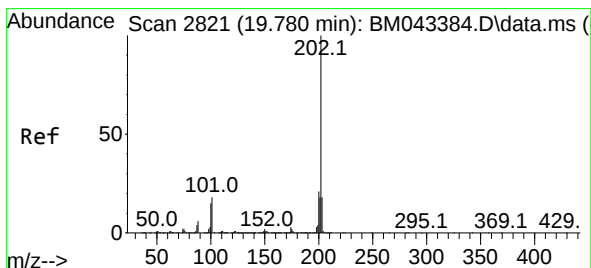
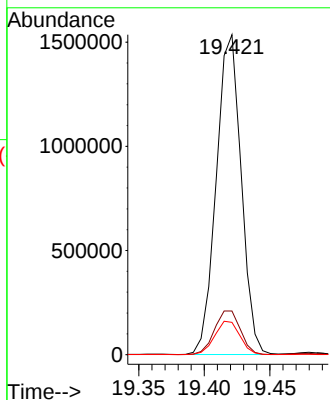
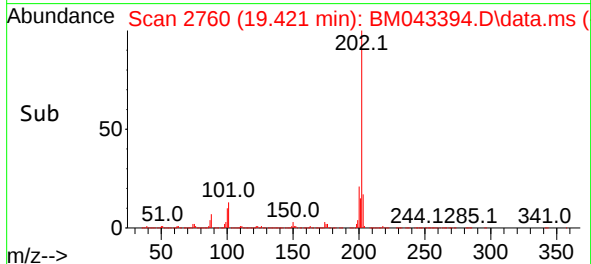
Instrument :
BNA_M
ClientSampleId :
DCLG1DL



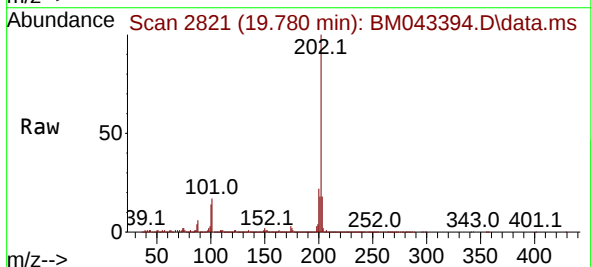
Tgt Ion:202 Resp: 202814
Ion Ratio Lower Upper
202 100
101 13.7 11.4 17.0
100 10.1 8.2 12.4

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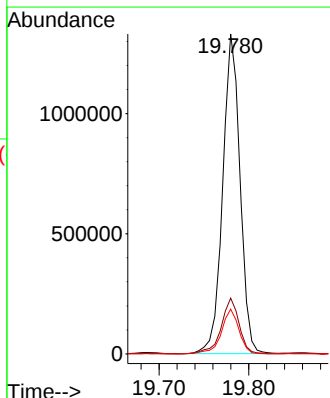
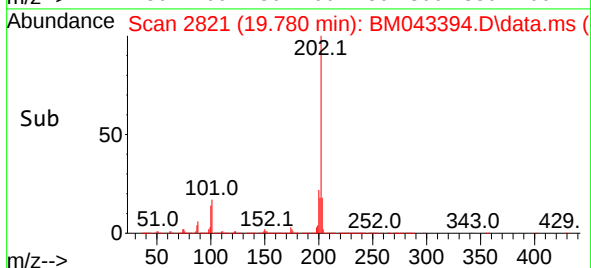
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

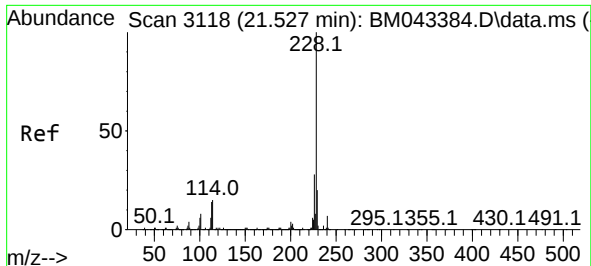


#82
Pyrene
Concen: 15.010 ng/ul
RT: 19.780 min Scan# 2821
Delta R.T. -0.000 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42



Tgt Ion:202 Resp: 1784049
Ion Ratio Lower Upper
202 100
101 17.4 12.7 19.1
100 14.0 10.1 15.1





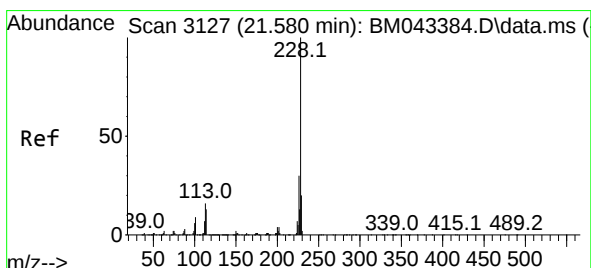
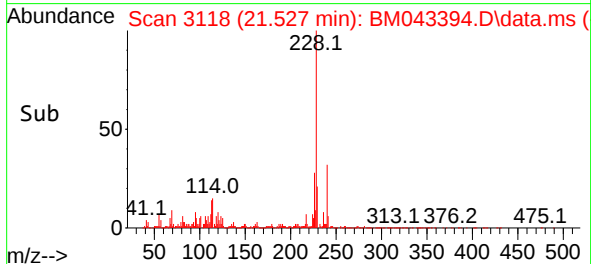
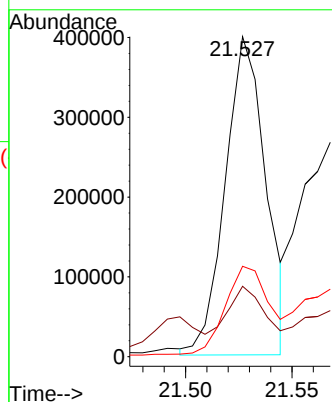
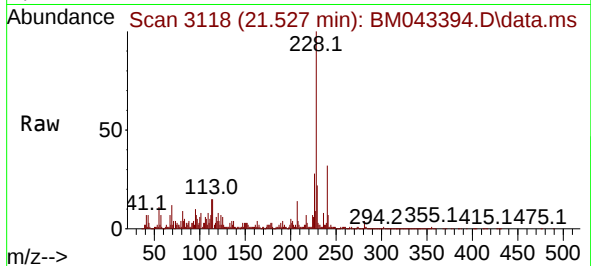
#85
Benzo(a)anthracene
Concen: 5.374 ng/uI
RT: 21.527 min Scan# 3118
Delta R.T. 0.006 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

Instrument :
BNA_M
ClientSampleId :
DCLG1DL

Tgt Ion:228 Resp: 53142
Ion Ratio Lower Upper
228 100
229 22.0 15.6 23.4
226 28.3 22.2 33.2

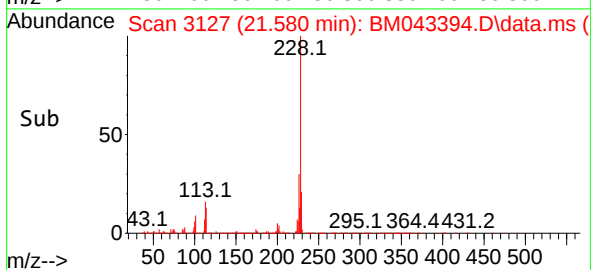
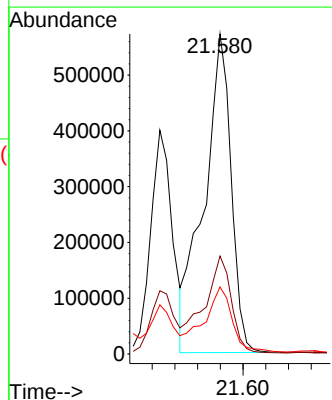
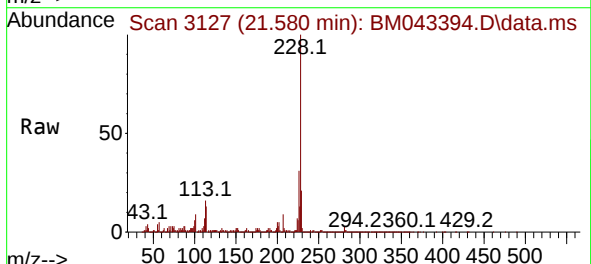
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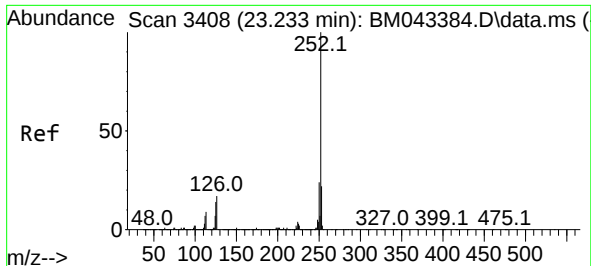
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023



#87
Chrysene
Concen: 10.658 ng/uI
RT: 21.580 min Scan# 3127
Delta R.T. 0.006 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

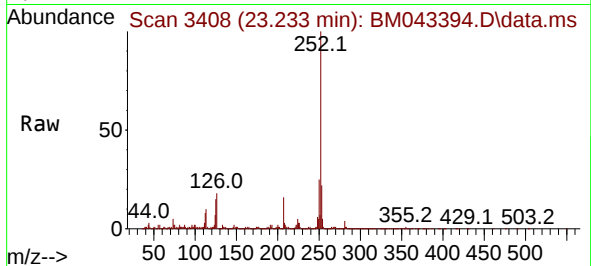
Tgt Ion:228 Resp: 948107
Ion Ratio Lower Upper
228 100
226 30.6 24.2 36.2
229 21.0 15.9 23.9





#90
Benzo(b)fluoranthene
Concen: 12.008 ng/ul
RT: 23.233 min Scan# 3408
Delta R.T. 0.012 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

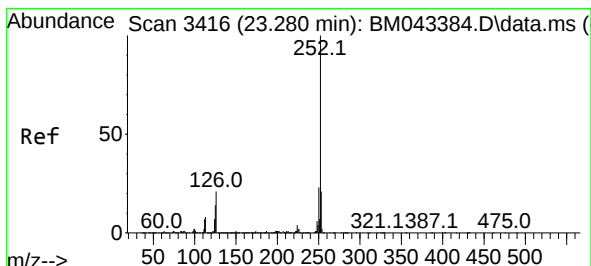
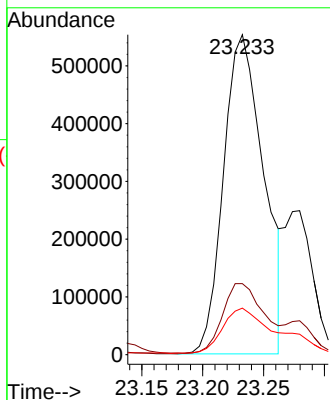
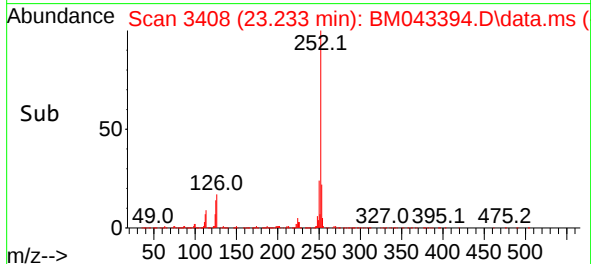
Instrument :
BNA_M
ClientSampleId :
DCLG1DL



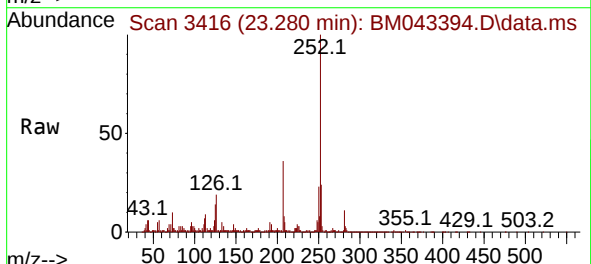
Tgt Ion:252 Resp: 1268739
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 14.6 10.4 15.6

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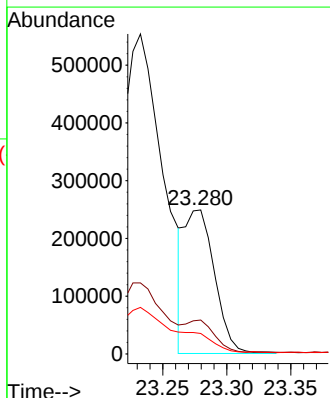
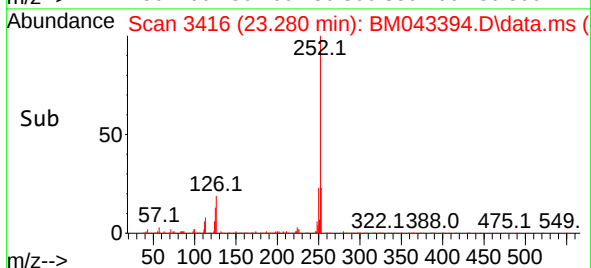
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

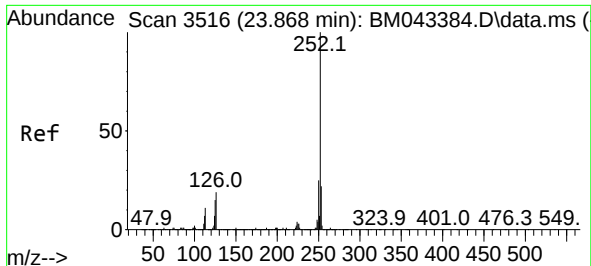


#91
Benzo(k)fluoranthene
Concen: 3.940 ng/ul m
RT: 23.280 min Scan# 3416
Delta R.T. 0.012 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42



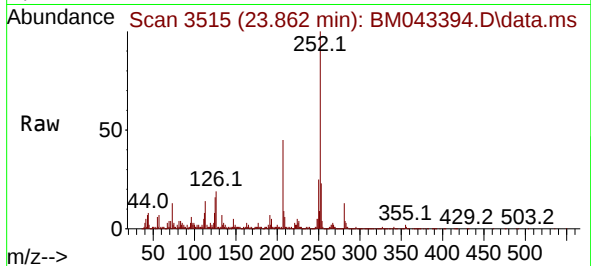
Tgt Ion:252 Resp: 406050
Ion Ratio Lower Upper
252 100
253 23.6 17.5 26.3
125 14.3 10.2 15.4





#93
Benzo(a)pyrene
Concen: 4.100 ng/u1
RT: 23.862 min Scan# 31
Delta R.T. 0.012 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

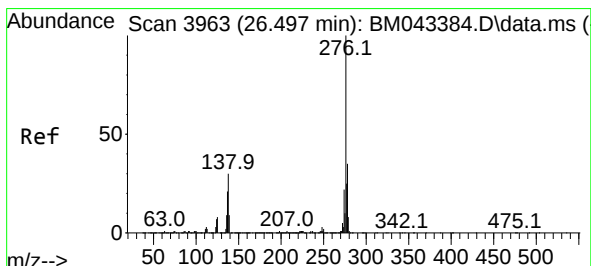
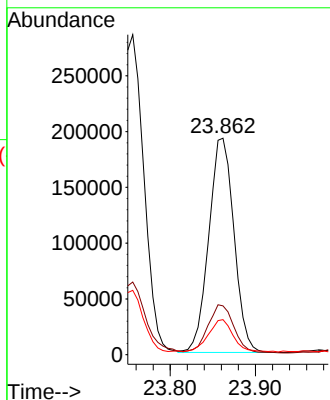
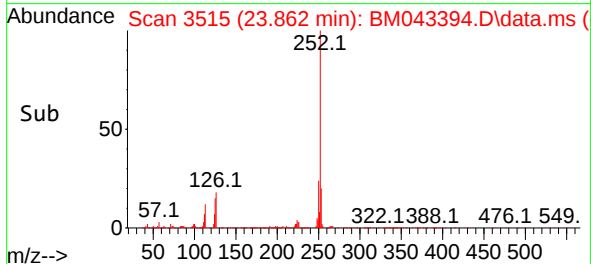
Instrument :
BNA_M
ClientSampleId :
DCLG1DL



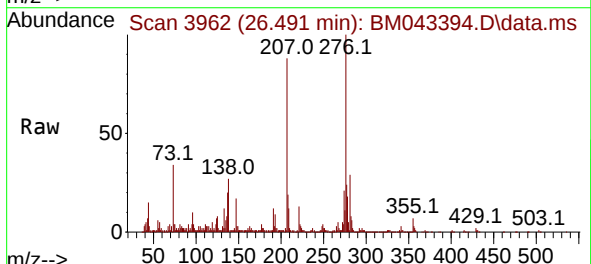
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Ion Ratio Lower Upper
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253 22.5 17.9 26.9
125 16.2 11.4 17.2

Manual Integrations
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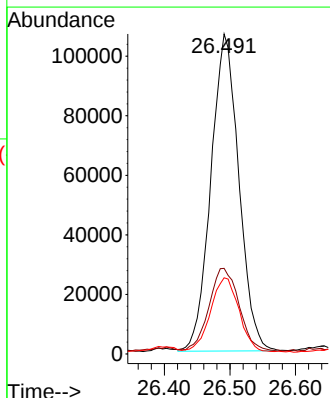
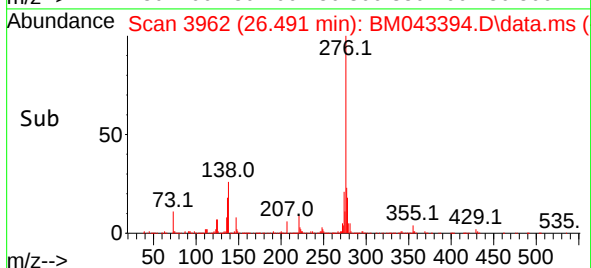
Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

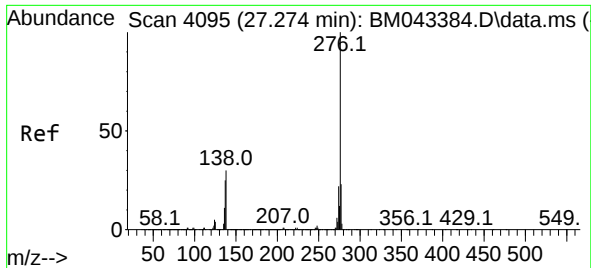


#94
Indeno(1,2,3-cd)pyrene
Concen: 2.739 ng/u1
RT: 26.491 min Scan# 3962
Delta R.T. 0.012 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42



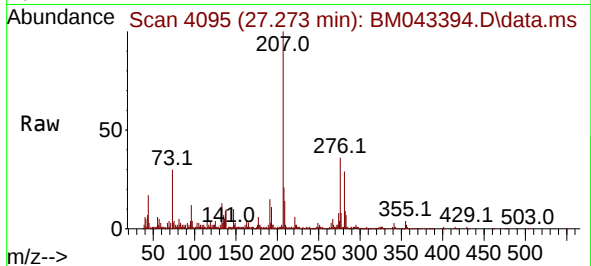
Tgt Ion:276 Resp: 315228
Ion Ratio Lower Upper
276 100
138 26.8 22.6 34.0
277 23.8 19.7 29.5





#96
Benzo(g,h,i)perylene
Concen: 1.218 ng/ul
RT: 27.273 min Scan# 4095
Delta R.T. 0.023 min
Lab File: BM043394.D
Acq: 18 Dec 2023 15:42

Instrument :
BNA_M
ClientSampleId :
DCLG1DL



Tgt Ion:276 Resp: 109915
Ion Ratio Lower Upper
276 100
138 27.3 22.4 33.6
277 22.6 19.1 28.7

Manual Integrations
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Reviewed By :Yogesh Patel 12/19/2023
Supervised By :mohammad ahmed 12/20/2023

