

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
 Data File : BM048054.D
 Acq On : 15 Oct 2024 08:44
 Operator : RC/JU
 Sample : P4238-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EZ7

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/16/2024
 Supervised By :mohammad ahmed 10/17/2024

Quant Time: Oct 15 09:18:36 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 10 05:10:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	309484	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	1243623	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.421	164	760775	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.162	188	1544961	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1421355	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1688121	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	19926	2.081	ng/uL	0.00
4) Pyridine-d5	3.663	84	159111	5.674	ng/u1	0.00
7) Phenol-d5	6.963	99	365051	12.474	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	213513	10.282	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	321709	15.109	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	265858	12.219	ng/u1	0.00
21) Nitrobenzene-d5	8.939	128	152308	15.382	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	174040	18.341	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.204	165	317049	16.726	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	306038	10.443	ng/u1	0.00
46) Dimethylphthalate-d6	13.827	166	960964	17.422	ng/u1	0.00
49) Acenaphthylene-d8	14.116	160	1161994	17.768	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	97171	8.848	ng/u1	0.02
60) Fluorene-d10	15.415	176	903488	18.911	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	56032	6.198	ng/u1	0.00
73) Anthracene-d10	17.262	188	1480582	19.490	ng/u1	0.00
81) Pyrene-d10	19.551	212	1744861	21.630	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	1841600	21.026	ng/u1	0.02
Target Compounds						
					Qvalue	
72) Phenanthrene	17.204	178	444039	4.901	ng/u1	99
74) Anthracene	17.298	178	95282	1.031	ng/u1	97
80) Fluoranthene	19.215	202	777296	8.181	ng/u1	99
82) Pyrene	19.580	202	781205	7.388	ng/u1	96
85) Benzo(a)anthracene	21.374	228	375833	3.776	ng/u1	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	142900	2.546	ng/u1#	97
87) Chrysene	21.433	228	402244	4.146	ng/u1	96
90) Benzo(b)fluoranthene	23.444	252	528500	5.020	ng/u1	95
91) Benzo(k)fluoranthene	23.497	252	162810m	1.512	ng/u1	
93) Benzo(a)pyrene	24.250	252	382436	3.825	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	27.768	276	268308	2.094	ng/u1	95
96) Benzo(g,h,i)perylene	28.826	276	266022	2.650	ng/u1	99

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

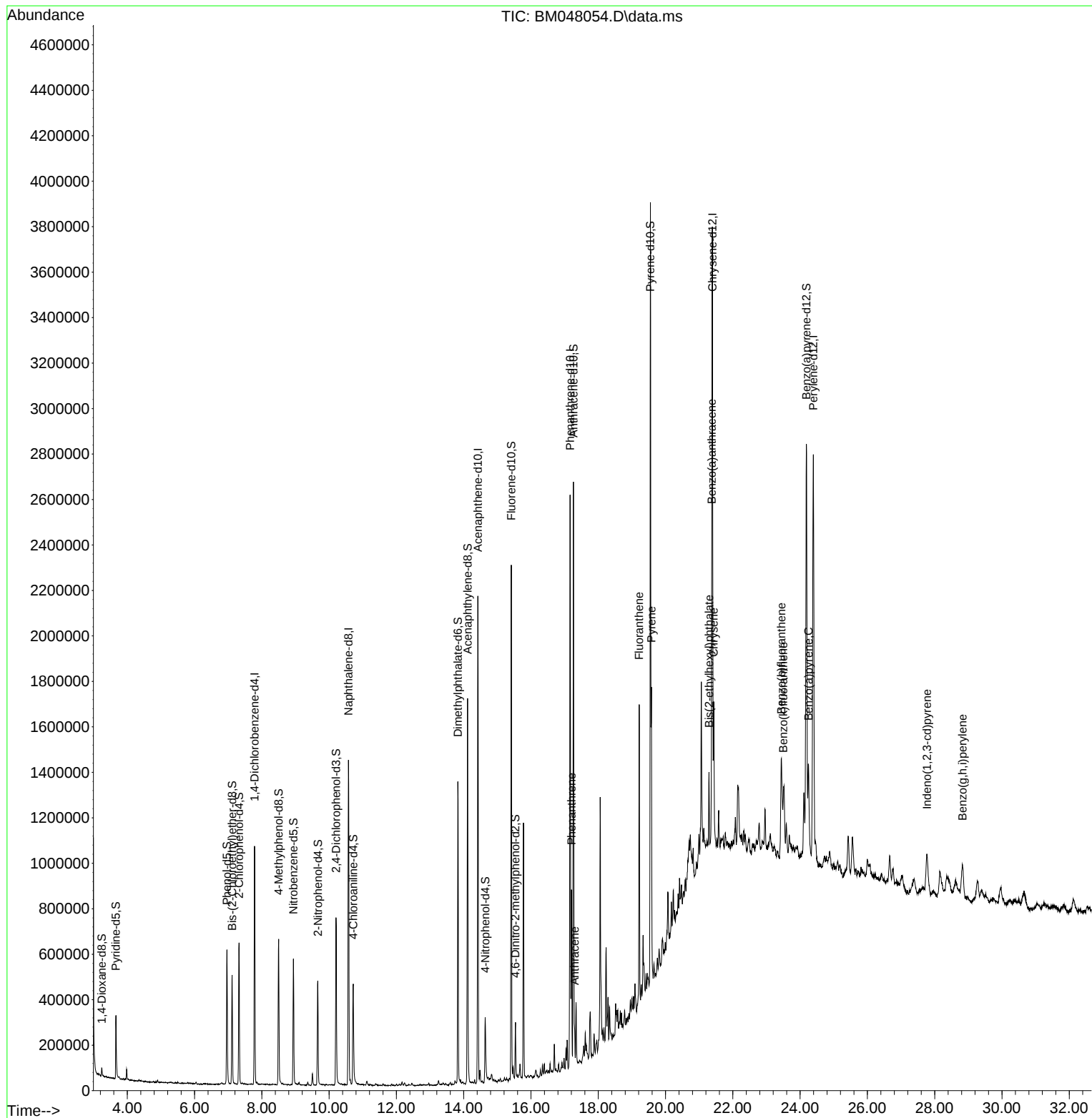
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101424\
Data File : BM048054.D
Acq On : 15 Oct 2024 08:44
Operator : RC/JU
Sample : P4238-15
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ALS Vial : 32 Sample Multiplier: 1

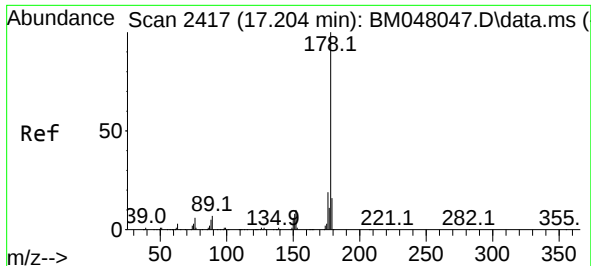
Instrument :
BNA_M
ClientSampleId :
A4EZ7

Quant Time: Oct 15 09:18:36 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 10 05:10:14 2024
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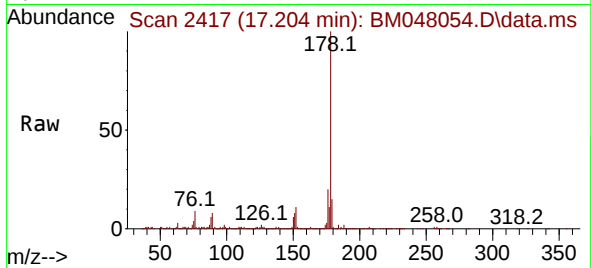
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024





#72
Phenanthrene
Concen: 4.901 ng/u1
RT: 17.204 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM048054.D
Acq: 15 Oct 2024 08:44

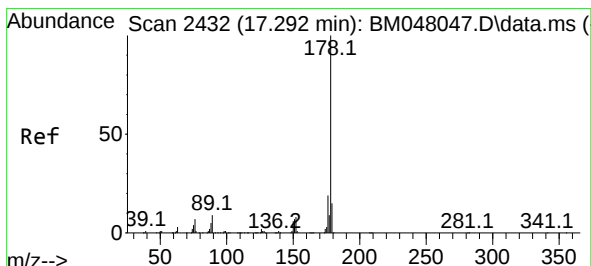
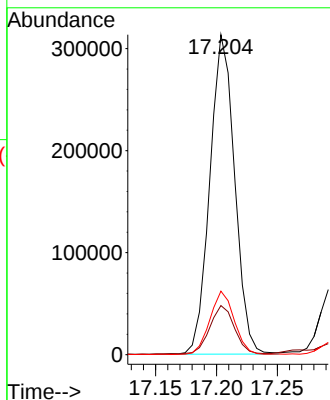
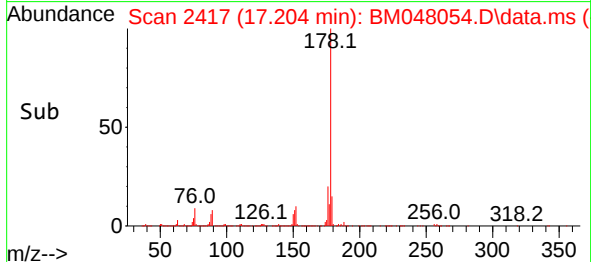
Instrument :
BNA_M
ClientSampleId :
A4EZ7



Tgt Ion:178 Resp: 444039
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.9 15.4 23.0

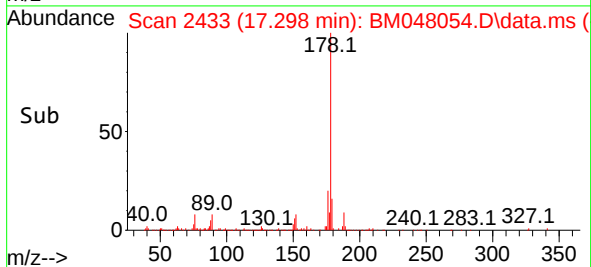
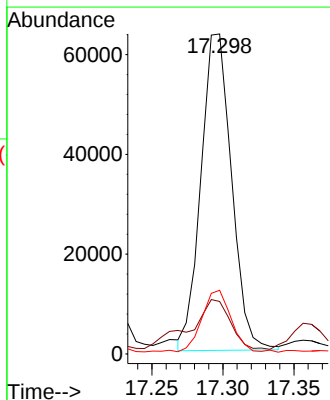
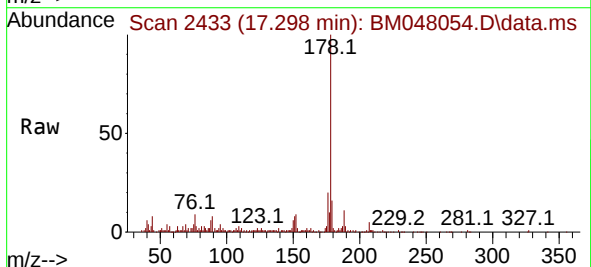
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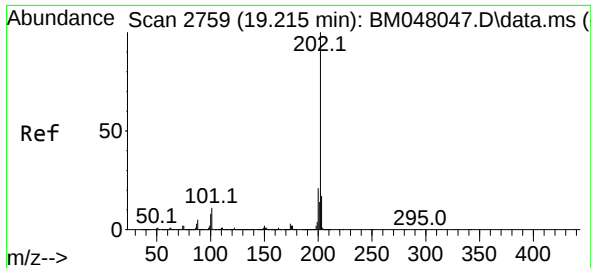
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#74
Anthracene
Concen: 1.031 ng/u1
RT: 17.298 min Scan# 2433
Delta R.T. 0.006 min
Lab File: BM048054.D
Acq: 15 Oct 2024 08:44

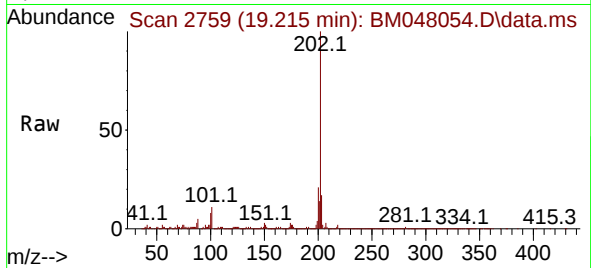
Tgt Ion:178 Resp: 95282
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 19.9 14.7 22.1





#80
Fluoranthene
Concen: 8.181 ng/u1
RT: 19.215 min Scan# 2759
Delta R.T. 0.000 min
Lab File: BM048054.D
Acq: 15 Oct 2024 08:44

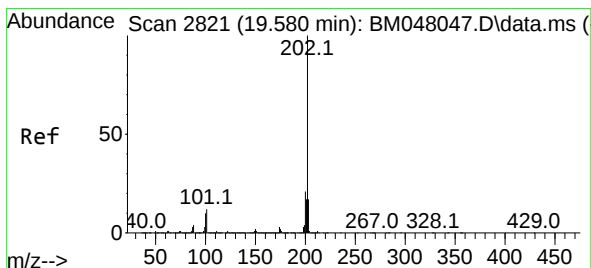
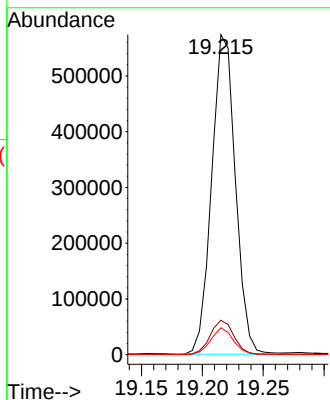
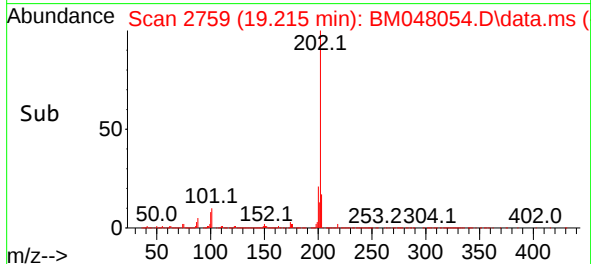
Instrument :
BNA_M
ClientSampleId :
A4EZ7



Tgt Ion:202 Resp: 777290
Ion Ratio Lower Upper
202 100
101 10.7 9.0 13.4
100 8.4 6.8 10.2

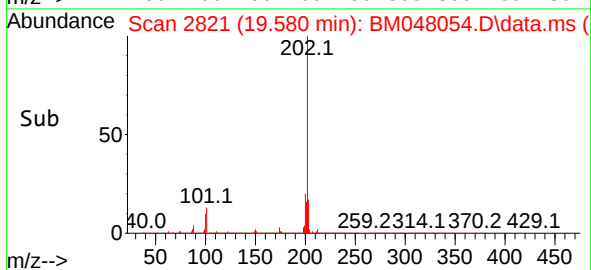
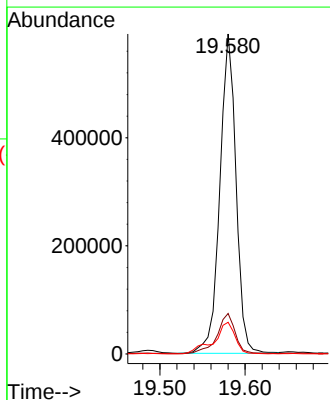
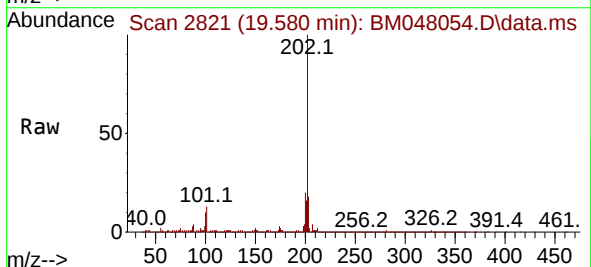
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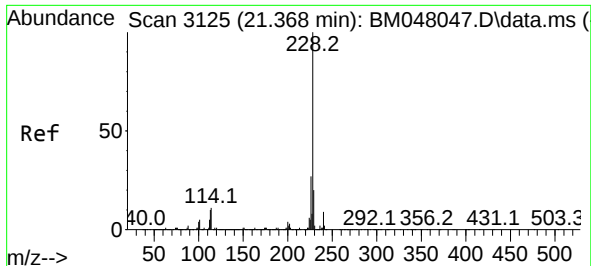
Reviewed By :Yogesh Patel 10/16/2024
Supervised By :mohammad ahmed 10/17/2024



#82
Pyrene
Concen: 7.388 ng/u1
RT: 19.580 min Scan# 2821
Delta R.T. 0.006 min
Lab File: BM048054.D
Acq: 15 Oct 2024 08:44

Tgt Ion:202 Resp: 781205
Ion Ratio Lower Upper
202 100
101 12.6 10.9 16.3
100 9.9 9.4 14.2





#85

Benzo(a)anthracene

Concen: 3.776 ng/ul

RT: 21.374 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Instrument :

BNM

ClientSampleId :

A4EZ7

Tgt Ion:228 Resp: 37583

Ion Ratio Lower Upper

228 100

229 22.3 15.6 23.4

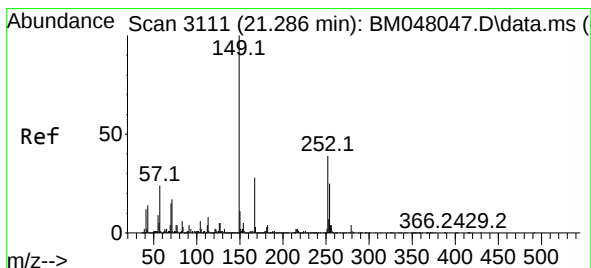
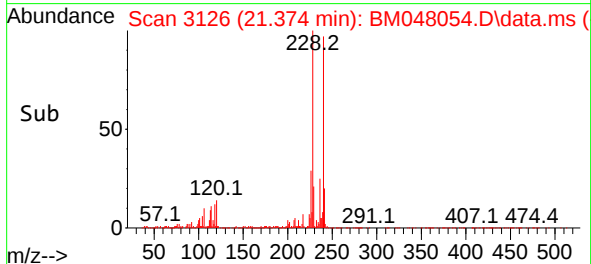
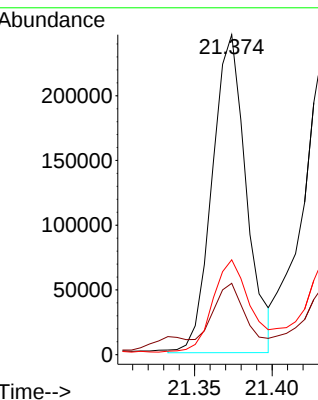
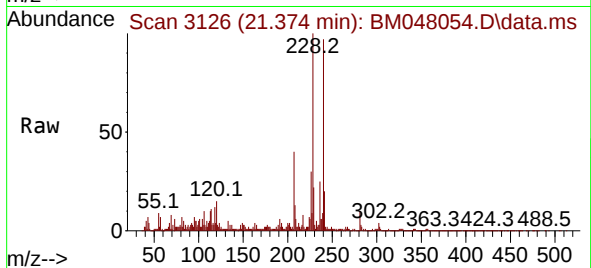
226 29.7 21.9 32.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 2.546 ng/ul

RT: 21.292 min Scan# 3112

Delta R.T. 0.006 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

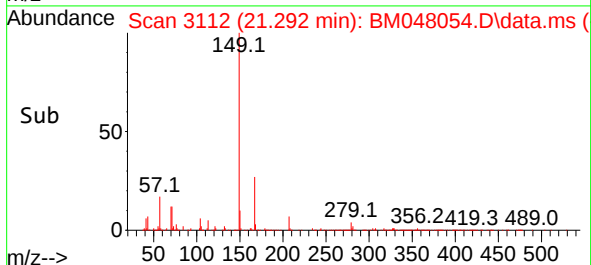
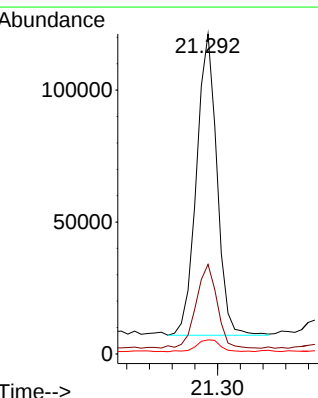
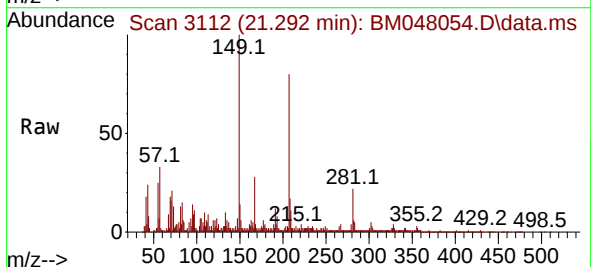
Tgt Ion:149 Resp: 142900

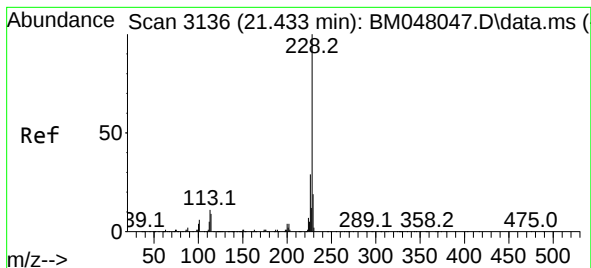
Ion Ratio Lower Upper

149 100

167 28.0 21.3 31.9

279 4.4 2.7 4.1#





#87

Chrysene

Concen: 4.146 ng/u1

RT: 21.433 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Instrument :

BNA_M

ClientSampleId :

A4EZ7

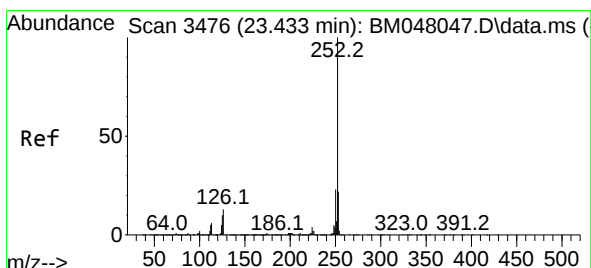
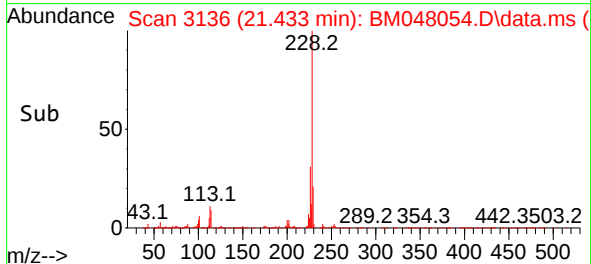
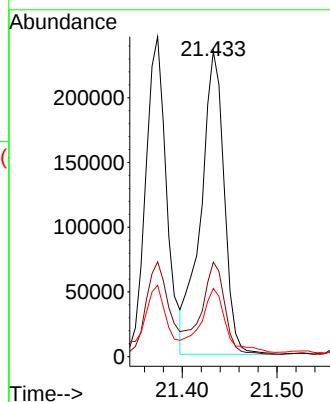
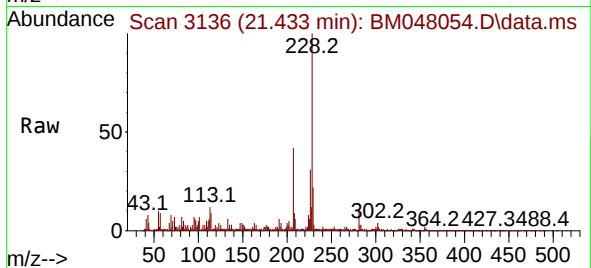
Tgt Ion:	228	Resp:	40224
Ion Ratio	Lower	Upper	
228	100		
226	31.0	23.6	35.4
229	22.3	15.3	22.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#90

Benzo(b)fluoranthene

Concen: 5.020 ng/u1

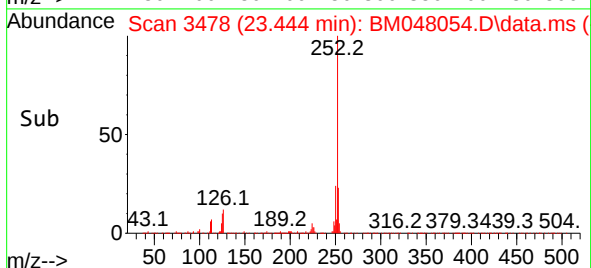
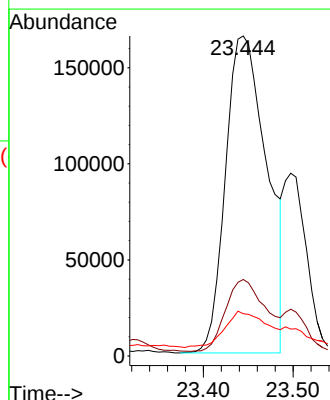
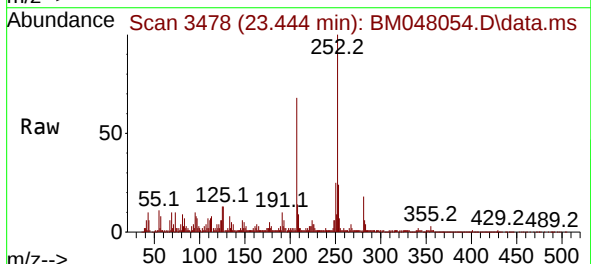
RT: 23.444 min Scan# 3478

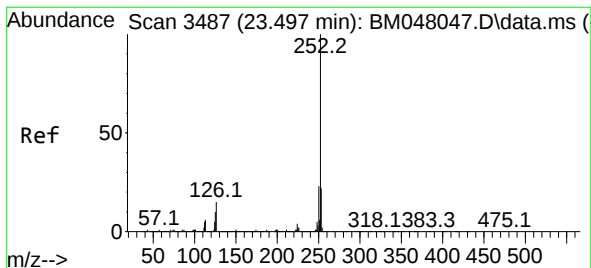
Delta R.T. 0.018 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Tgt Ion:	252	Resp:	528500
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.2
125	13.2	9.0	13.4





#91

Benzo(k)fluoranthene

Concen: 1.512 ng/ul m

RT: 23.497 min Scan# 34

Delta R.T. 0.012 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Instrument :

BNA_M

ClientSampleId :

A4EZ7

Tgt Ion:252 Resp: 162810

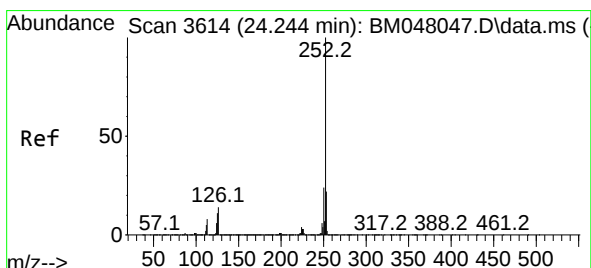
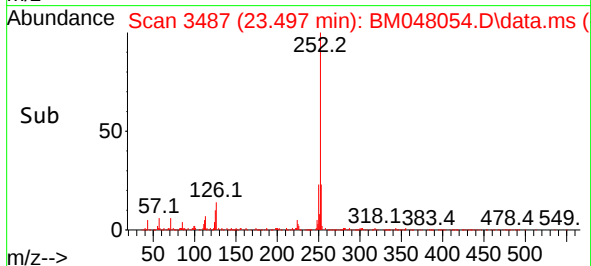
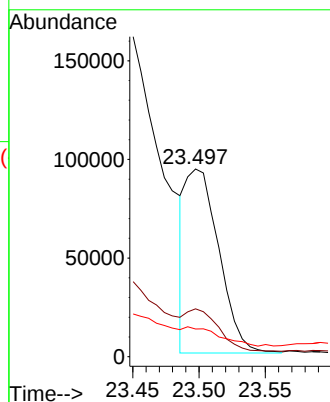
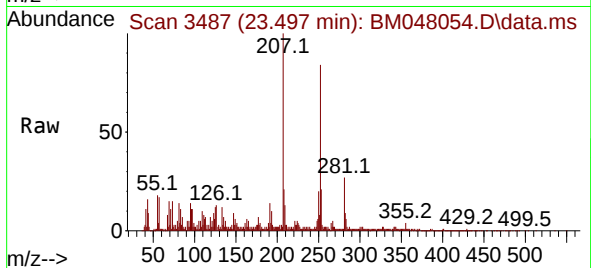
Ion	Ratio	Lower	Upper
252	100		
253	25.5	17.5	26.3
125	14.7	8.9	13.3

Manual Integrations

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Supervised By :mohammad ahmed 10/17/2024



#93

Benzo(a)pyrene

Concen: 3.825 ng/ul

RT: 24.250 min Scan# 3615

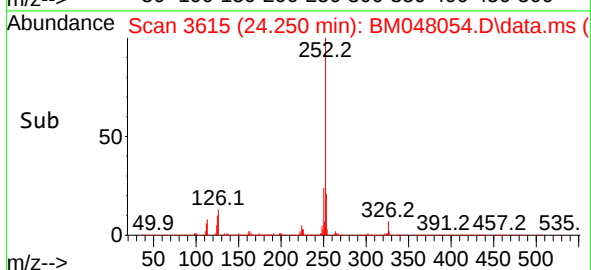
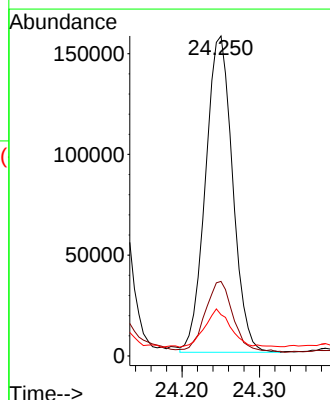
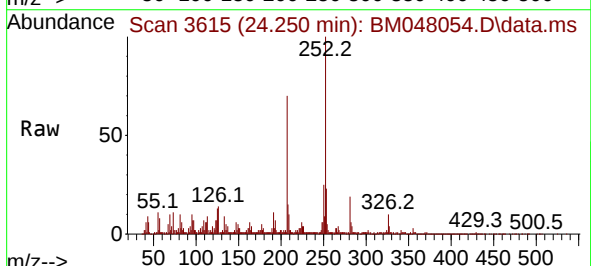
Delta R.T. 0.018 min

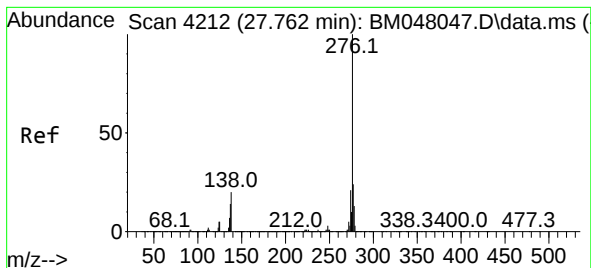
Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Tgt Ion:252 Resp: 382436

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.2	25.8
125	12.9	10.1	15.1





#94

Indeno(1,2,3-cd)pyrene

Concen: 2.094 ng/ul

RT: 27.768 min Scan# 41

Delta R.T. 0.024 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Instrument :

BNA_M

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A4EZ7

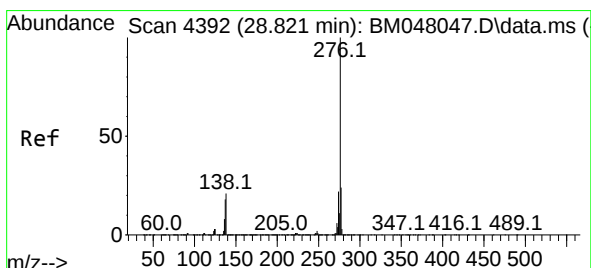
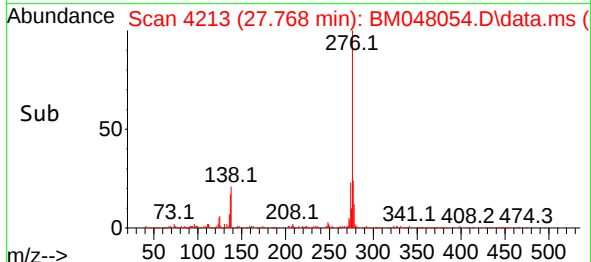
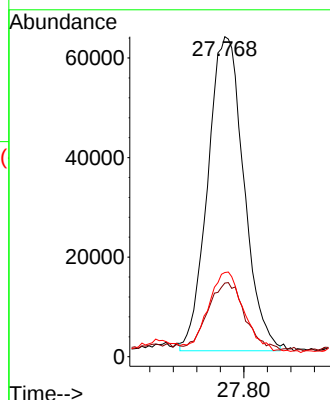
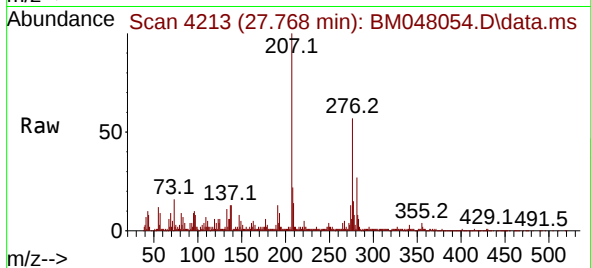
Tgt Ion:	276	Resp:	268308
Ion Ratio	Lower	Upper	
276	100		
138	23.0	16.9	25.3
277	26.3	18.9	28.3

Manual Integrations

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Reviewed By :Yogesh Patel 10/16/2024

Supervised By :mohammad ahmed 10/17/2024



#96

Benzo(g,h,i)perylene

Concen: 2.650 ng/ul

RT: 28.826 min Scan# 4393

Delta R.T. 0.035 min

Lab File: BM048054.D

Acq: 15 Oct 2024 08:44

Tgt Ion:	276	Resp:	266022
Ion Ratio	Lower	Upper	
276	100		
138	22.9	18.7	28.1
277	23.2	18.3	27.5

