

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047872.D
 Acq On : 05 Oct 2024 11:27
 Operator : RC/JU
 Sample : P4083-15
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/06/2024
 Supervised By :mohammad ahmed 10/06/2024

Quant Time: Oct 05 23:18:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Oct 04 08:32:31 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.798	152	371395	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1475781	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	903144	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1842462	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1715988	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	1980971	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	11516	1.002	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.963	99	162044	4.614	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	143747	5.768	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	167120	6.541	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	91846	3.518	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	88432	7.526	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	94505	8.393	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	167424	7.443	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	57245	1.646	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	564620	8.623	ng/u1	0.00
49) Acenaphthylene-d8	14.121	160	639153	8.233	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	60673	4.654	ng/u1	0.00
60) Fluorene-d10	15.421	176	507559	8.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	46578	4.320	ng/u1	0.00
73) Anthracene-d10	17.268	188	767816	8.475	ng/u1	0.00
81) Pyrene-d10	19.556	212	755025	7.753	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	514411	5.005	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.616	105	114778	2.569	ng/u1	90
72) Phenanthrene	17.209	178	733179	6.786	ng/u1	99
74) Anthracene	17.304	178	137084	1.244	ng/u1	99
80) Fluoranthene	19.221	202	2012924	17.549	ng/u1	99
82) Pyrene	19.586	202	1234676	9.671	ng/u1#	95
85) Benzo(a)anthracene	21.374	228	854438	7.112	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	231453	3.416	ng/u1	99
87) Chrysene	21.439	228	1015023	8.666	ng/u1	97
90) Benzo(b)fluoranthene	23.450	252	1423865	11.526	ng/u1	98
91) Benzo(k)fluoranthene	23.503	252	536460m	4.247	ng/u1	
93) Benzo(a)pyrene	24.250	252	377424	3.217	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	27.773	276	441608	2.937	ng/u1	98
95) Dibenzo(a,h)anthracene	27.815	278	166753	1.353	ng/u1#	90

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

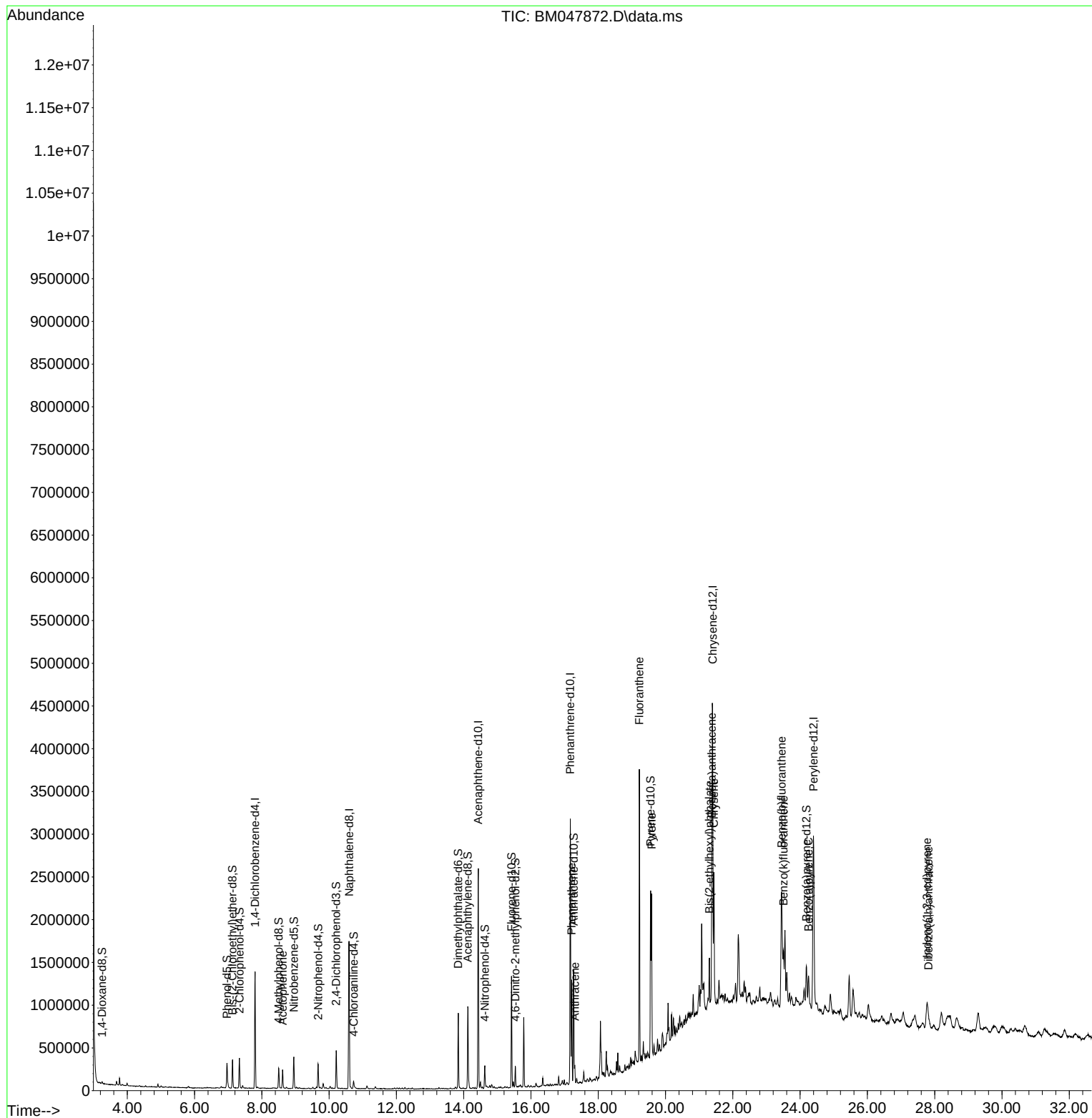
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047872.D
Acq On : 05 Oct 2024 11:27
Operator : RC/JU
Sample : P4083-15
Misc :
ALS Vial : 28 Sample Multiplier: 1

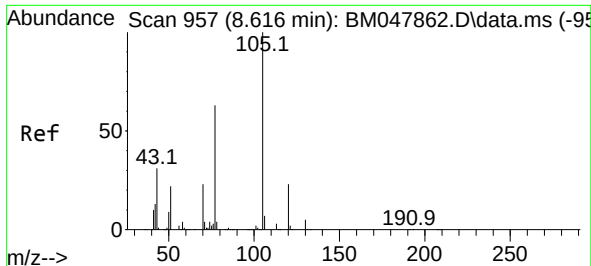
Instrument :
BNA_M
ClientSampleId :
A4EG6

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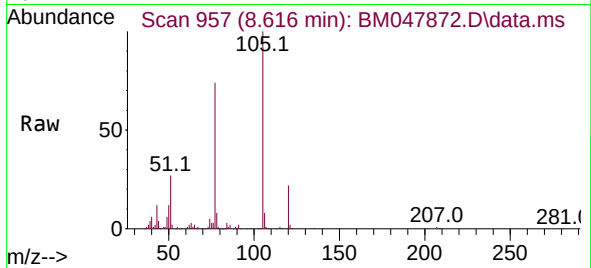
Quant Time: Oct 05 23:18:24 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 2.569 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

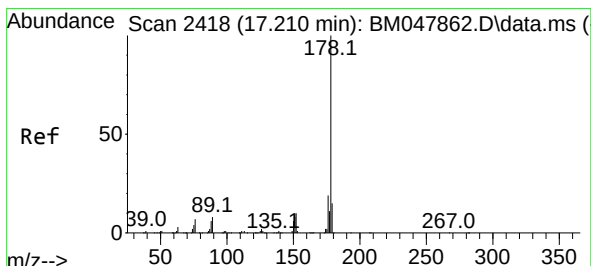
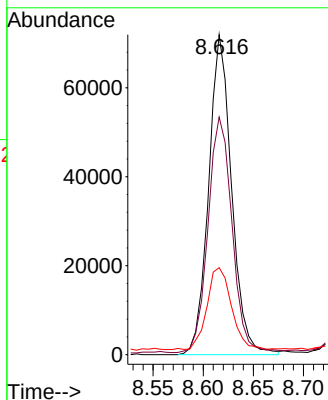
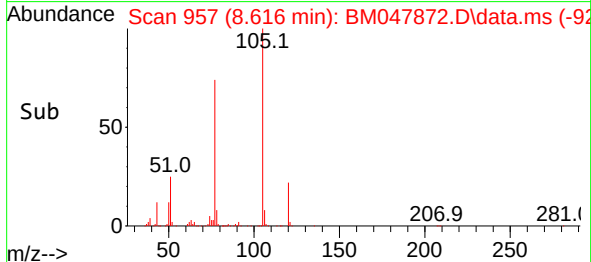
Instrument :
BNA_M
ClientSampleId :
A4EG6



Tgt Ion:105 Resp: 114778
Ion Ratio Lower Upper
105 100
77 74.3 66.6 100.0
51 27.2 27.0 40.4

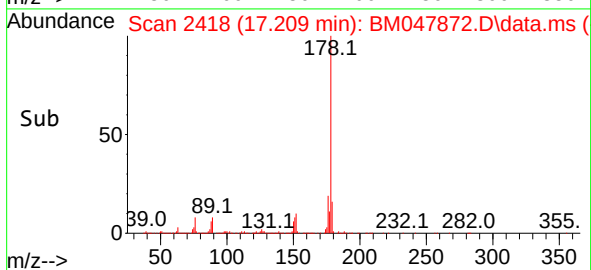
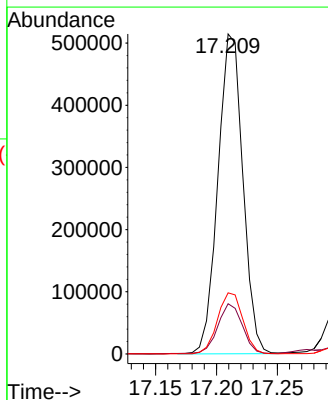
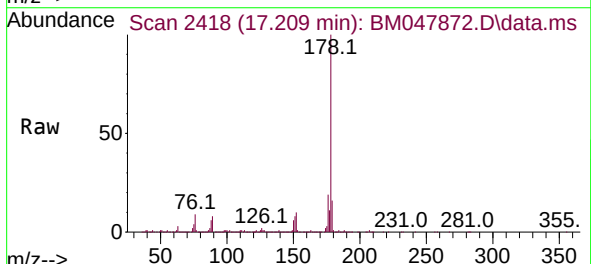
Manual Integrations
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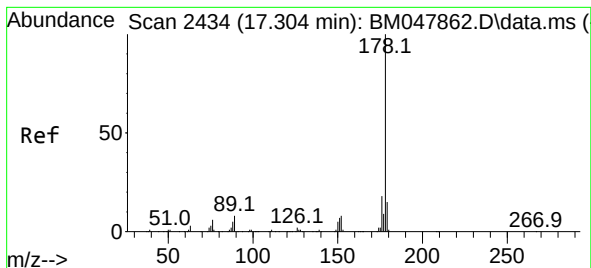
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 6.786 ng/ul
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

Tgt Ion:178 Resp: 733179
Ion Ratio Lower Upper
178 100
179 15.7 12.0 18.0
176 19.1 15.4 23.0





#74

Anthracene

Concen: 1.244 ng/ul

RT: 17.304 min Scan# 2434

Delta R.T. 0.000 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :

A4EG6

Tgt Ion:178 Resp: 137084

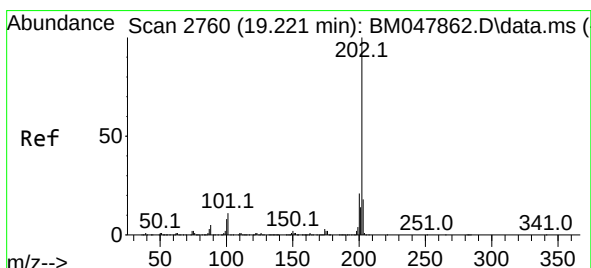
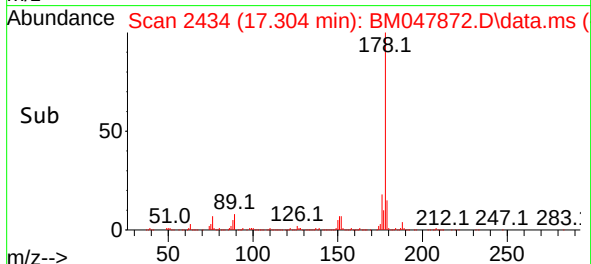
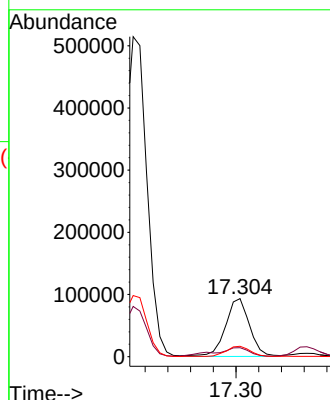
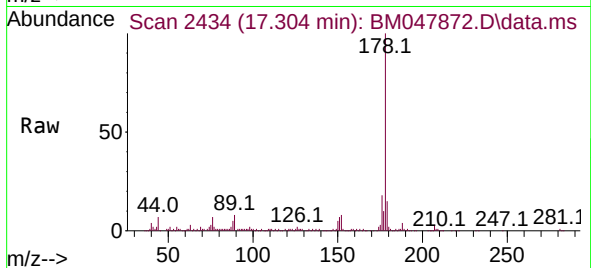
Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	17.9	14.7	22.1

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#80

Fluoranthene

Concen: 17.549 ng/ul

RT: 19.221 min Scan# 2760

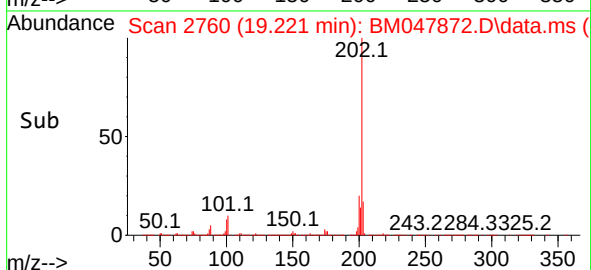
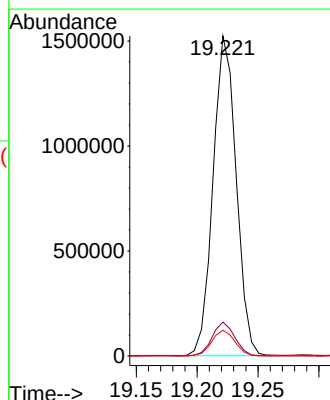
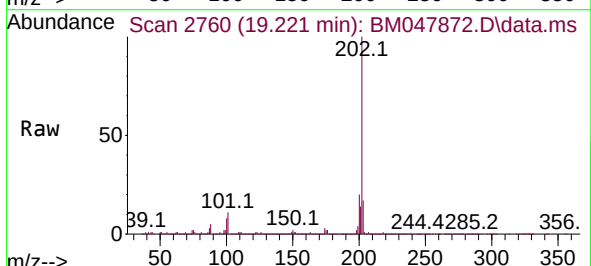
Delta R.T. -0.006 min

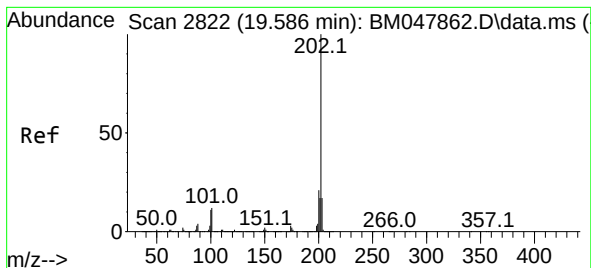
Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Tgt Ion:202 Resp: 2012924

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.0	13.4
100	8.0	6.8	10.2





#82

Pyrene

Concen: 9.671 ng/ul

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :

A4EG6

Tgt Ion:202 Resp: 1234670

Ion Ratio Lower Upper

202 100

101 11.8 10.9 16.3

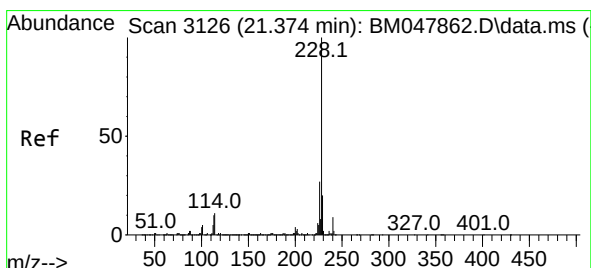
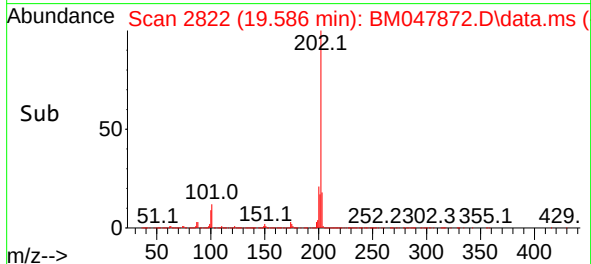
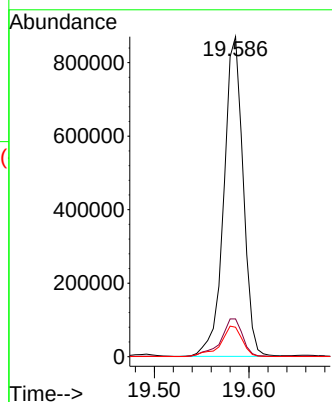
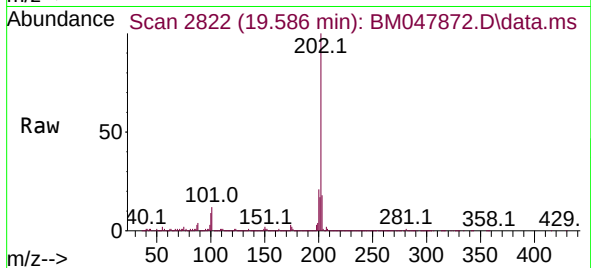
100 9.2 9.4 14.2

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Supervised By :mohammad ahmed 10/06/2024



#85

Benzo(a)anthracene

Concen: 7.112 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

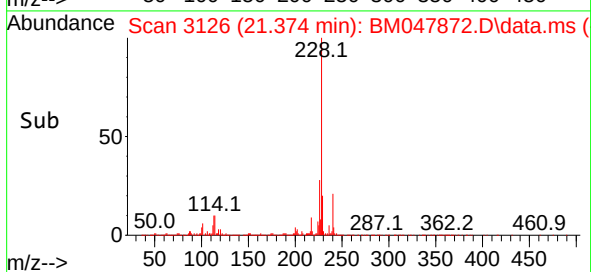
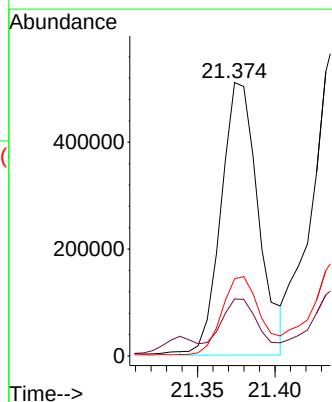
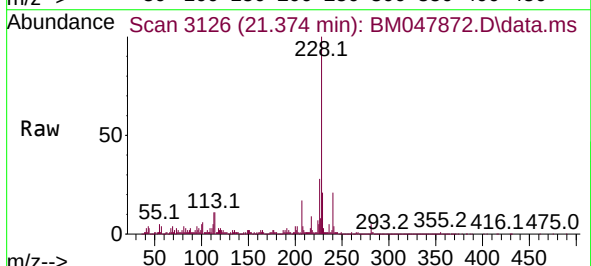
Tgt Ion:228 Resp: 854438

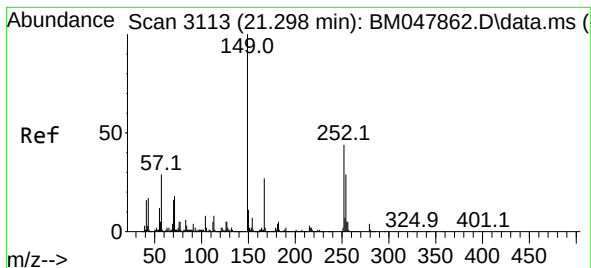
Ion Ratio Lower Upper

228 100

229 20.8 15.6 23.4

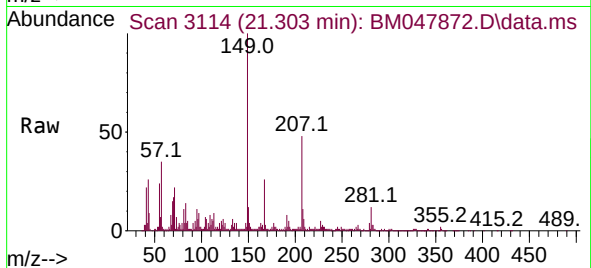
226 28.2 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 3.416 ng/ul
RT: 21.303 min Scan# 3114
Delta R.T. 0.000 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

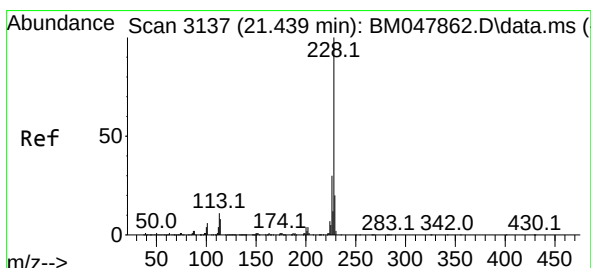
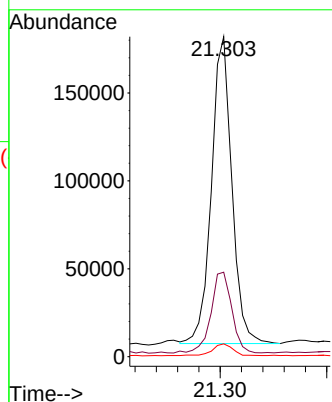
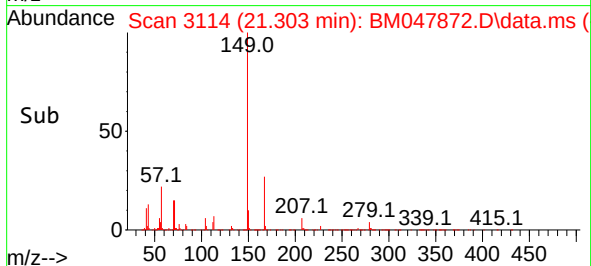
Instrument :
BNA_M
ClientSampleId :
A4EG6



Tgt Ion:149 Resp: 23145
Ion Ratio Lower Upper
149 100
167 26.4 21.3 31.9
279 4.0 2.7 4.1

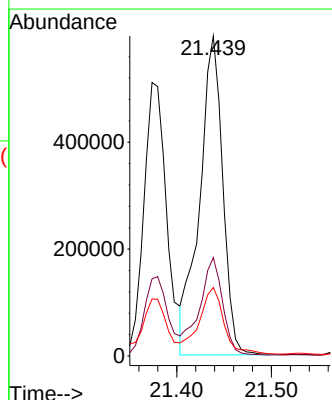
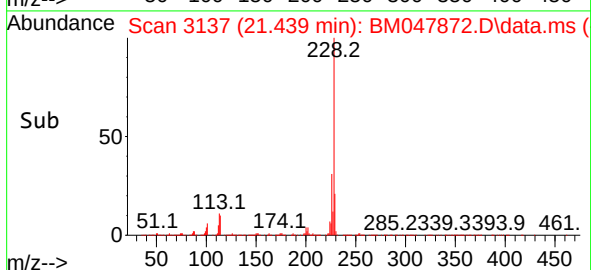
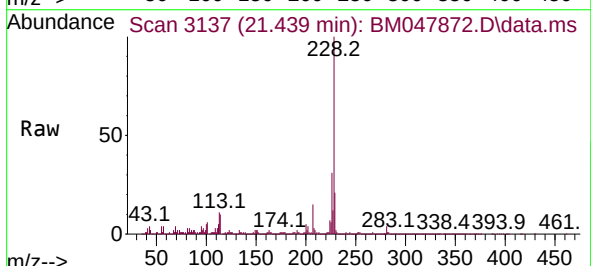
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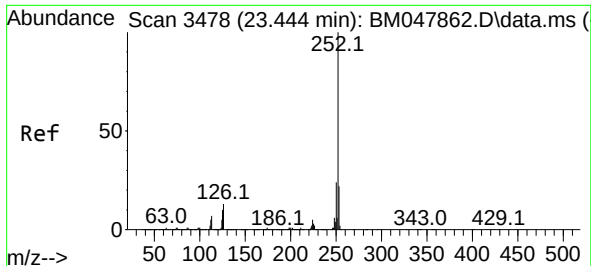
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#87
Chrysene
Concen: 8.666 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

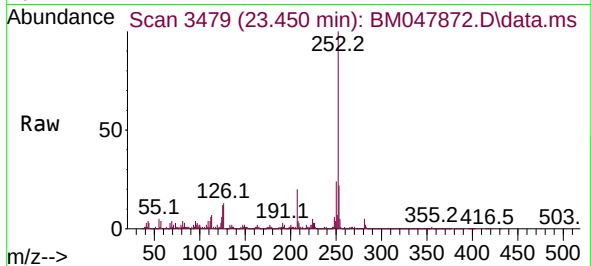
Tgt Ion:228 Resp: 1015023
Ion Ratio Lower Upper
228 100
226 30.8 23.6 35.4
229 21.4 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 11.526 ng/ul
RT: 23.450 min Scan# 3478
Delta R.T. 0.000 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

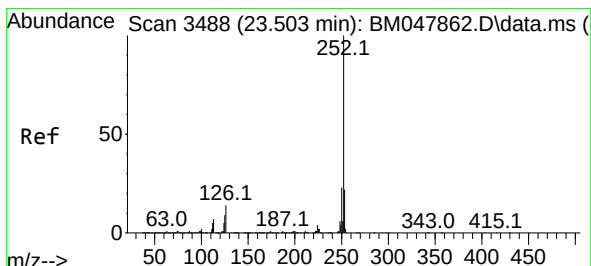
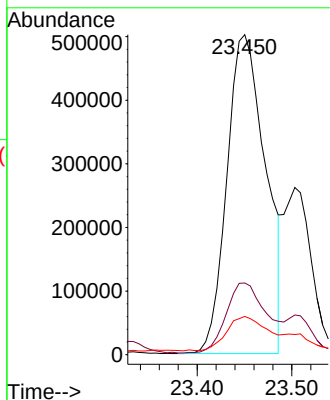
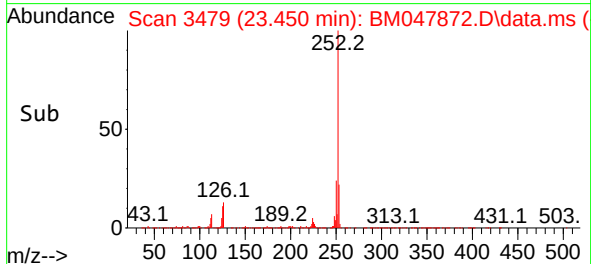
Instrument :
BNA_M
ClientSampleId :
A4EG6



Tgt Ion:252 Resp: 142386
Ion Ratio Lower Upper
252 100
253 22.4 17.4 26.2
125 12.0 9.0 13.4

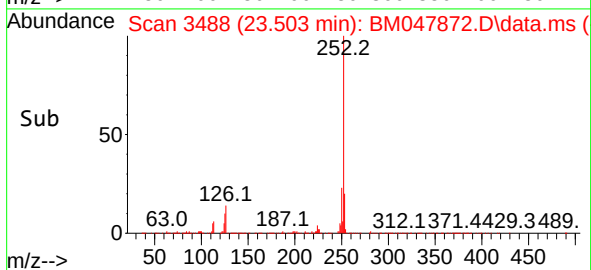
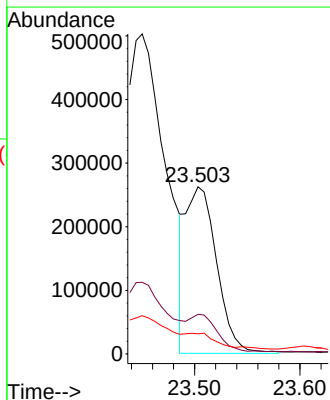
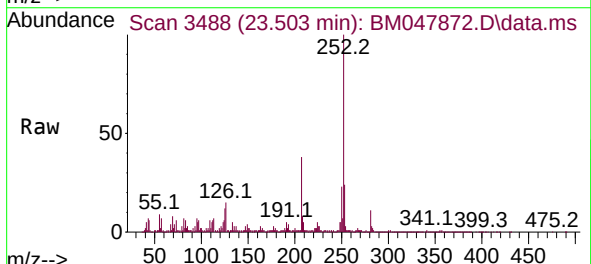
Manual Integrations
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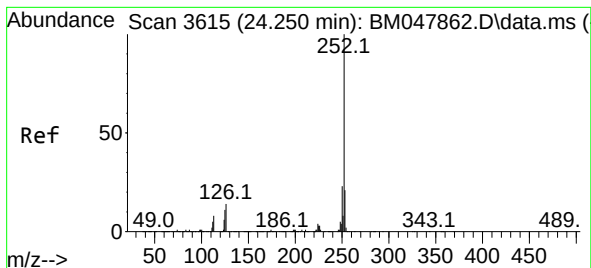
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#91
Benzo(k)fluoranthene
Concen: 4.247 ng/ul m
RT: 23.503 min Scan# 3488
Delta R.T. -0.006 min
Lab File: BM047872.D
Acq: 05 Oct 2024 11:27

Tgt Ion:252 Resp: 536460
Ion Ratio Lower Upper
252 100
253 23.8 17.5 26.3
125 12.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 3.217 ng/ul

RT: 24.250 min Scan# 30

Delta R.T. -0.006 min

Lab File: BM047872.D

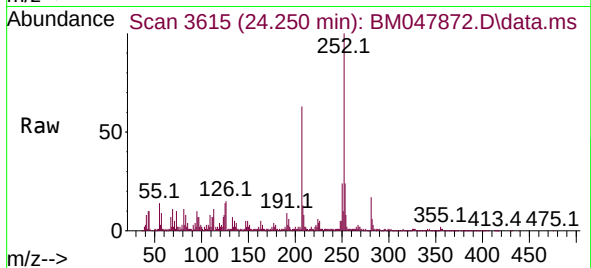
Acq: 05 Oct 2024 11:27

Instrument :

BNA_M

ClientSampleId :

A4EG6



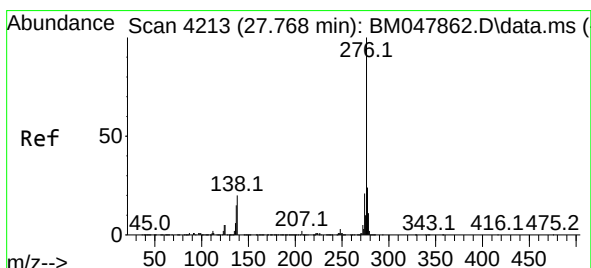
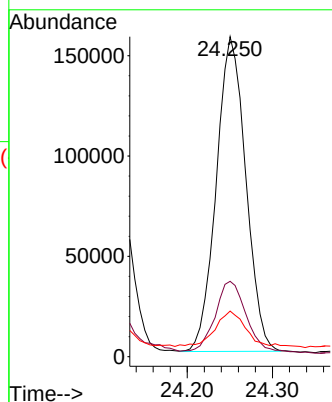
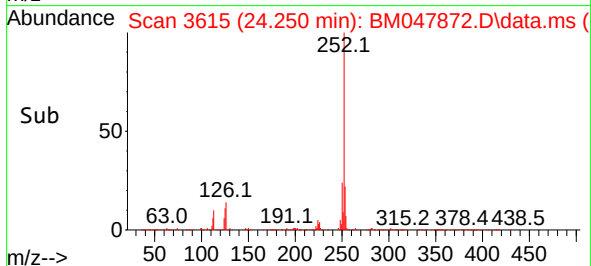
Tgt Ion:	252	Resp:	377424
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.2	25.8
125	14.2	10.1	15.1

Manual Integrations

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Supervised By :mohammad ahmed 10/06/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 2.937 ng/ul

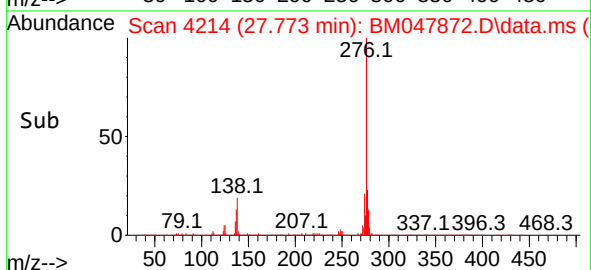
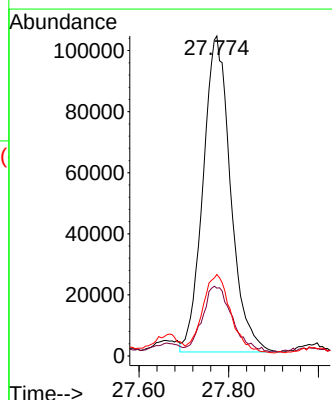
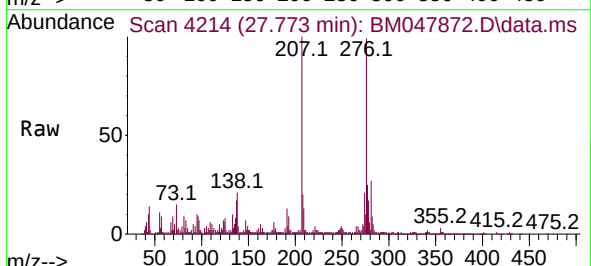
RT: 27.773 min Scan# 4214

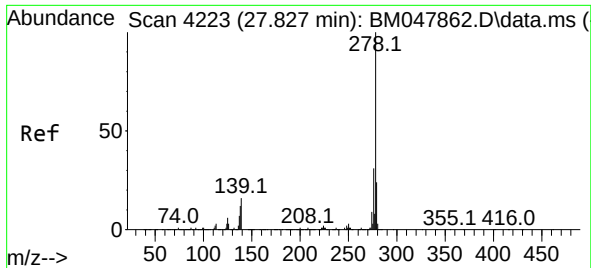
Delta R.T. -0.006 min

Lab File: BM047872.D

Acq: 05 Oct 2024 11:27

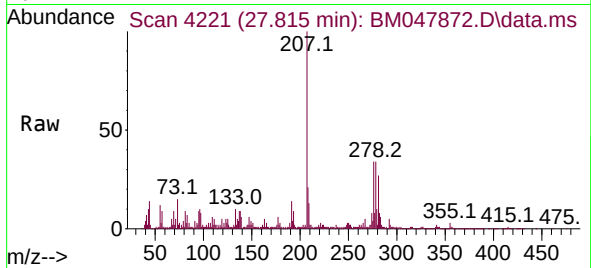
Tgt Ion:	276	Resp:	441608
Ion Ratio	Lower	Upper	
276	100		
138	21.2	16.9	25.3
277	25.4	18.9	28.3





#95
 Dibenzo(a,h)anthracene
 Concen: 1.353 ng/ul
 RT: 27.815 min Scan# 41
 Delta R.T. -0.023 min
 Lab File: BM047872.D
 Acq: 05 Oct 2024 11:27

Instrument :
 BNA_M
 ClientSampleId :
 A4EG6



Tgt Ion:278 Resp: 16675
 Ion Ratio Lower Upper
 278 100
 139 18.8 13.4 20.2
 279 29.5 18.4 27.6

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