

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
 Data File : BM047873.D
 Acq On : 05 Oct 2024 12:07
 Operator : RC/JU
 Sample : P4083-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EG9

Manual Integrations
 APPROVED

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

Quant Time: Oct 05 23:21:25 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	385553	20.000	ng/u1	0.00
20) Naphthalene-d8	10.592	136	1539419	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.433	164	942980	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1930638	20.000	ng/u1	0.00
79) Chrysene-d12	21.397	240	1784324	20.000	ng/u1	0.00
88) Perylene-d12	24.397	264	2047047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	10815	0.906	ng/uL	0.00
4) Pyridine-d5	3.681	84	24817m	0.710	ng/u1	0.02
7) Phenol-d5	6.963	99	182510	5.006	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.128	67	127539	4.930	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	166120	6.263	ng/u1	0.00
15) 4-Methylphenol-d8	8.504	113	90407	3.335	ng/u1	0.00
21) Nitrobenzene-d5	8.951	128	80877m	6.598	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	85233	7.256	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	164617	7.016	ng/u1	0.00
31) 4-Chloroaniline-d4	10.728	131	74517	2.054	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	531751	7.778	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	597651	7.373	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	55922	4.108	ng/u1	0.00
60) Fluorene-d10	15.421	176	487711	8.236	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.539	200	36627	3.242	ng/u1	0.00
73) Anthracene-d10	17.268	188	727611	7.665	ng/u1	0.00
81) Pyrene-d10	19.556	212	717364	7.084	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.191	264	489124	4.605	ng/u1	0.00
Target Compounds						
					Qvalue	
16) Acetophenone	8.616	105	86066	1.856	ng/u1	96
72) Phenanthrene	17.210	178	580924	5.131	ng/u1	99
80) Fluoranthene	19.227	202	1453012	12.183	ng/u1	97
82) Pyrene	19.586	202	910744	6.861	ng/u1	96
85) Benzo(a)anthracene	21.380	228	659182	5.276	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.303	149	323598	4.593	ng/u1	96
87) Chrysene	21.439	228	736756	6.049	ng/u1	96
90) Benzo(b)fluoranthene	23.444	252	1043378	8.173	ng/u1	97
91) Benzo(k)fluoranthene	23.503	252	324095m	2.483	ng/u1	
93) Benzo(a)pyrene	24.250	252	276875	2.284	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.774	276	295293	1.901	ng/u1	98

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

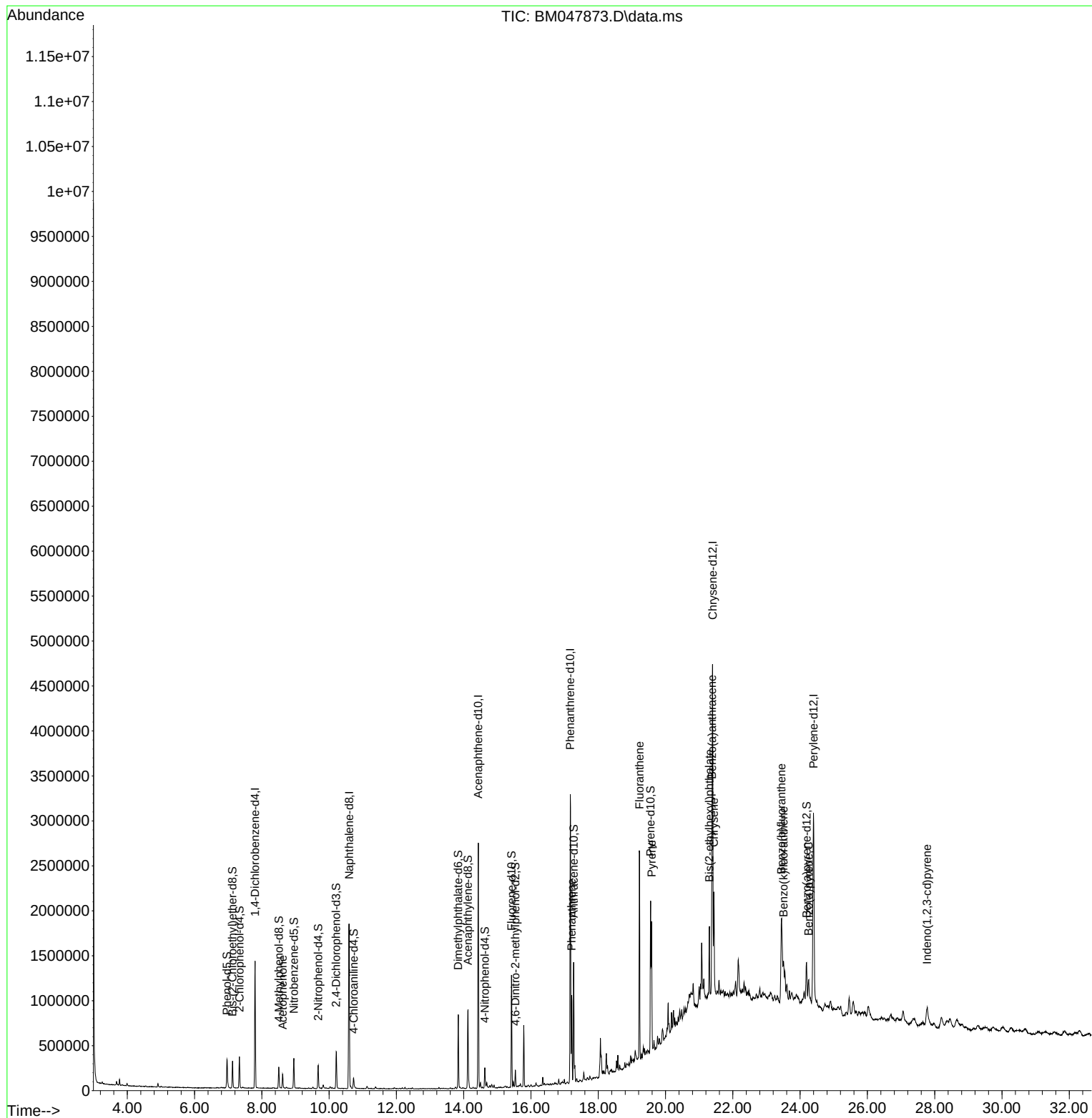
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100324\
Data File : BM047873.D
Acq On : 05 Oct 2024 12:07
Operator : RC/JU
Sample : P4083-16
Misc :
ALS Vial : 29 Sample Multiplier: 1

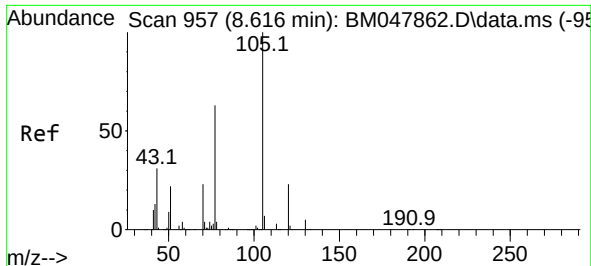
Instrument :
BNA_M
ClientSampleId :
A4EG9

Quant Time: Oct 05 23:21:25 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

Manual Integrations
APPROVED

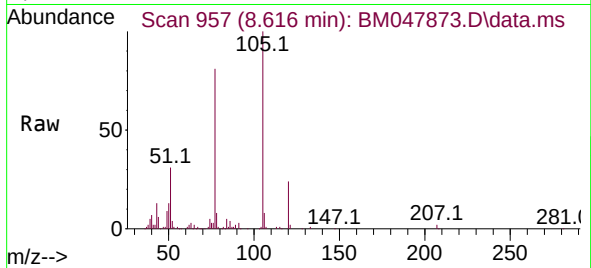
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024





#16
Acetophenone
Concen: 1.856 ng/ul
RT: 8.616 min Scan# 957
Delta R.T. -0.006 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

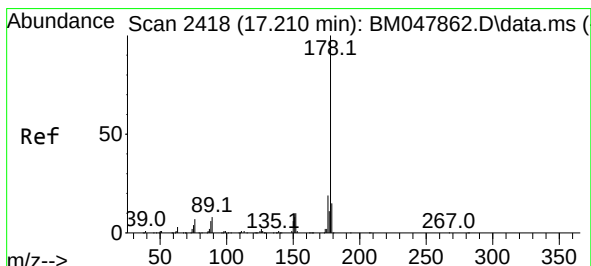
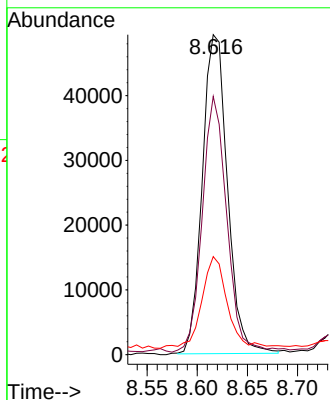
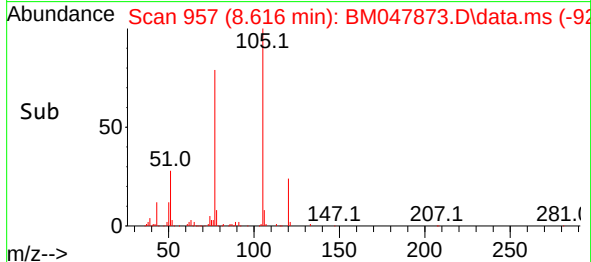
Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:105 Resp: 86060
Ion Ratio Lower Upper
105 100
77 80.7 66.6 100.0
51 30.6 27.0 40.4

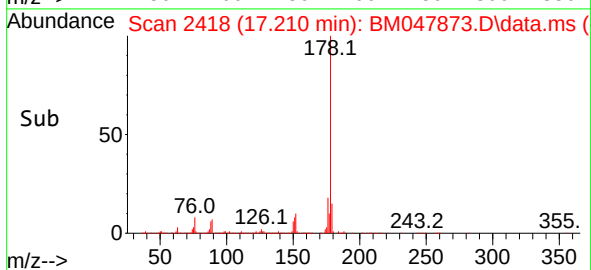
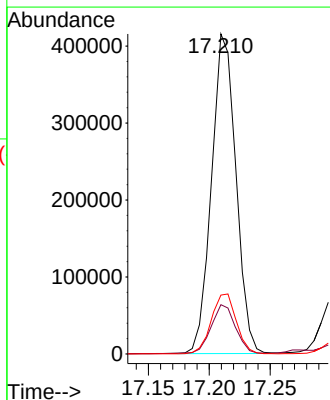
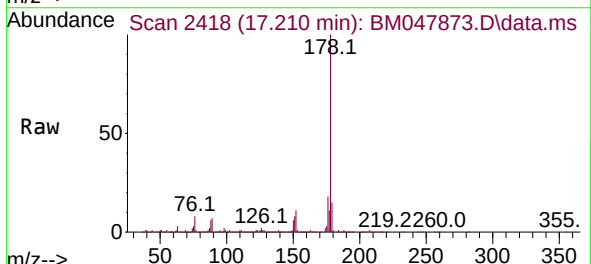
Manual Integrations
APPROVED

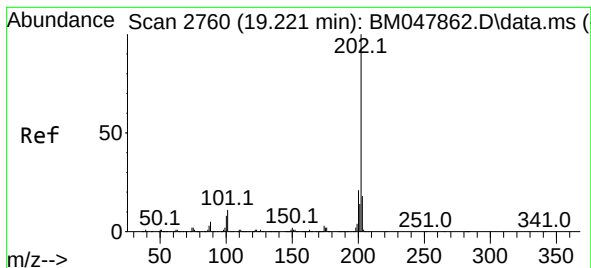
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#72
Phenanthrene
Concen: 5.131 ng/ul
RT: 17.210 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

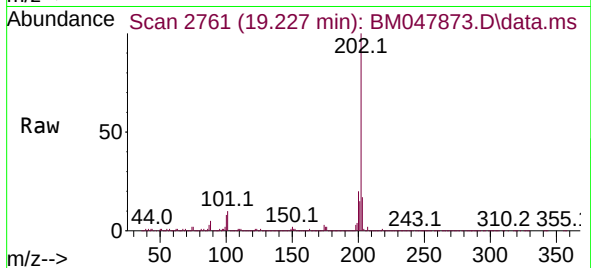
Tgt Ion:178 Resp: 580924
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 18.4 15.4 23.0





#80
Fluoranthene
Concen: 12.183 ng/u1
RT: 19.227 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

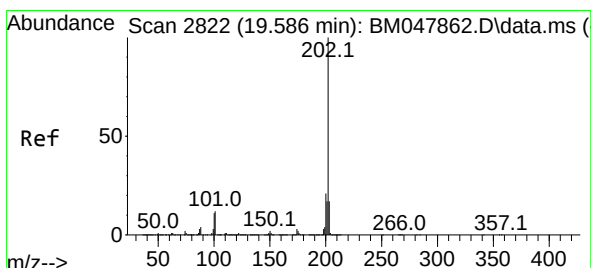
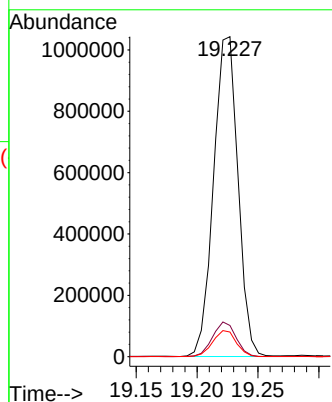
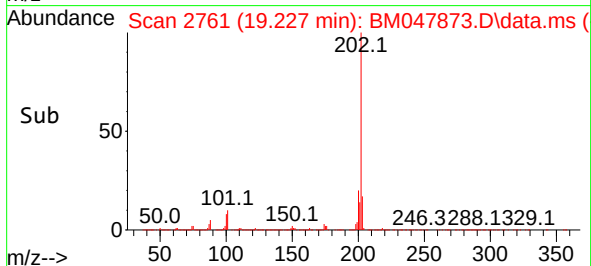
Instrument :
BNA_M
ClientSampleId :
A4EG9



Tgt Ion:202 Resp: 145301
Ion Ratio Lower Upper
202 100
101 9.7 9.0 13.4
100 7.7 6.8 10.2

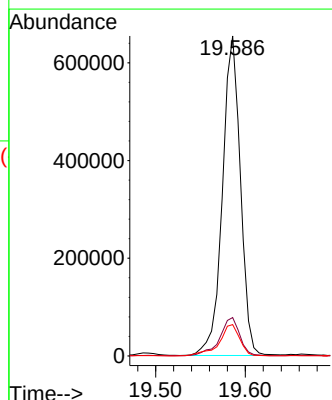
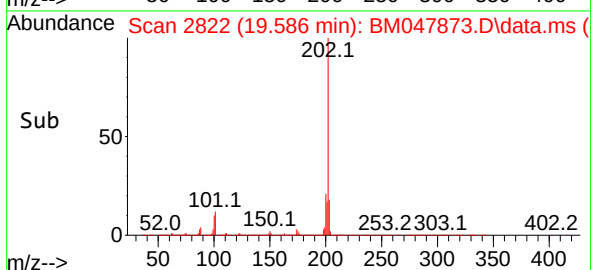
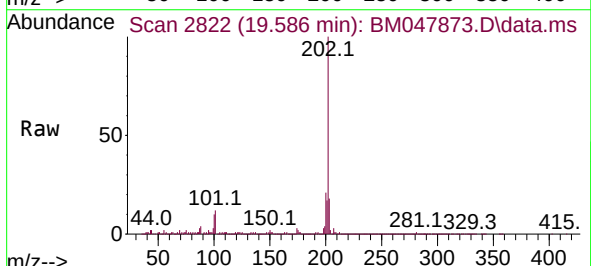
Manual Integrations
APPROVED

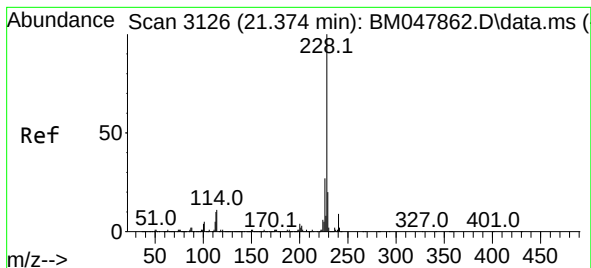
Reviewed By :Yogesh Patel 10/06/2024
Supervised By :mohammad ahmed 10/06/2024



#82
Pyrene
Concen: 6.861 ng/u1
RT: 19.586 min Scan# 2822
Delta R.T. 0.000 min
Lab File: BM047873.D
Acq: 05 Oct 2024 12:07

Tgt Ion:202 Resp: 910744
Ion Ratio Lower Upper
202 100
101 12.0 10.9 16.3
100 9.8 9.4 14.2





#85

Benzo(a)anthracene

Concen: 5.276 ng/ul

RT: 21.380 min Scan# 3126

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

A4EG9

Tgt Ion:228 Resp: 65918

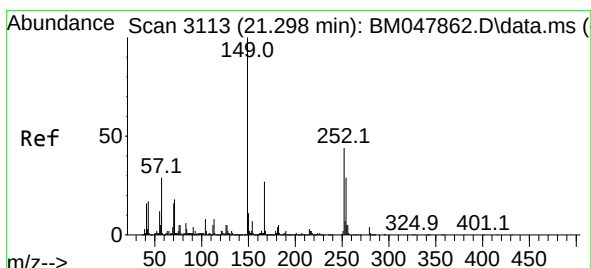
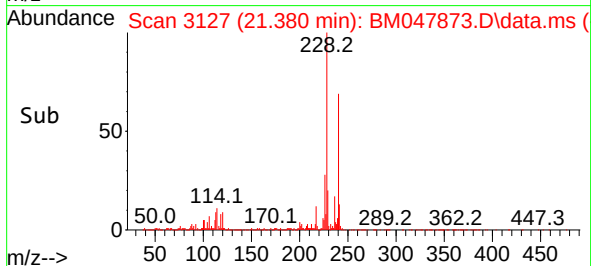
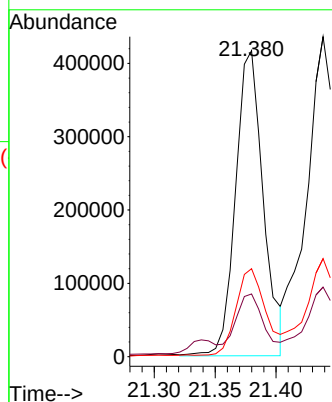
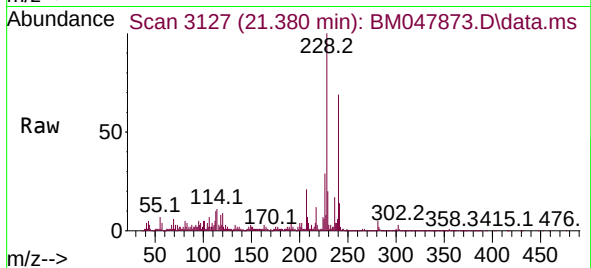
Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.7	21.9	32.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024



#86

Bis(2-ethylhexyl)phthalate

Concen: 4.593 ng/ul

RT: 21.303 min Scan# 3114

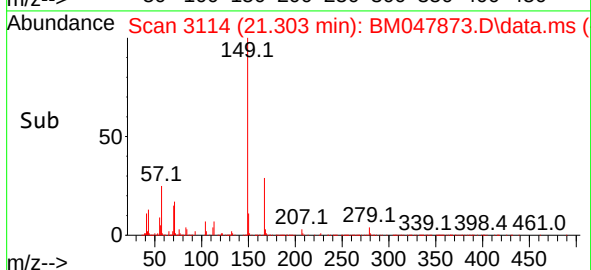
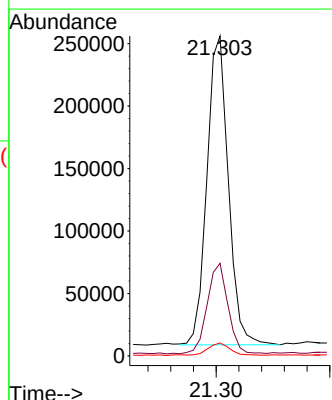
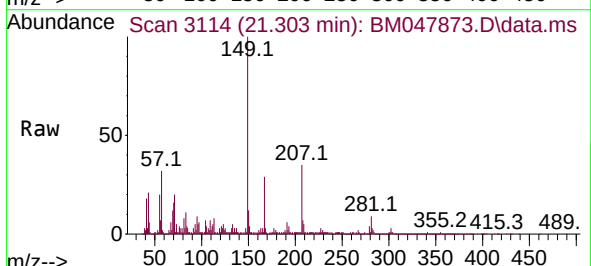
Delta R.T. 0.000 min

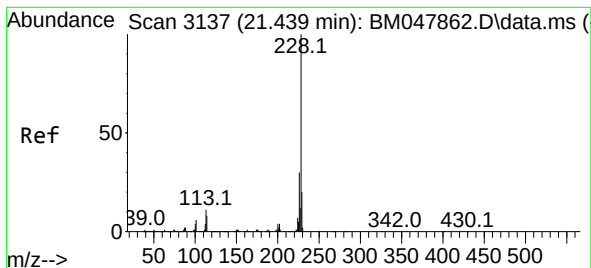
Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Tgt Ion:149 Resp: 323598

Ion	Ratio	Lower	Upper
149	100		
167	28.9	21.3	31.9
279	4.0	2.7	4.1





#87

Chrysene

Concen: 6.049 ng/ul

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

A4EG9

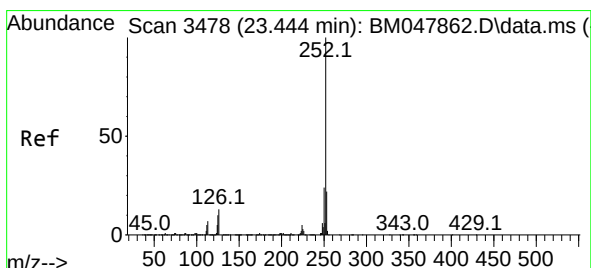
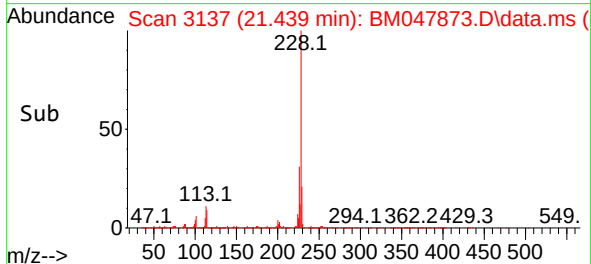
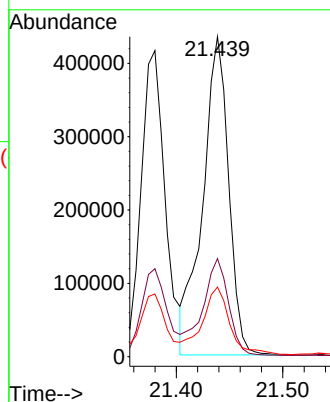
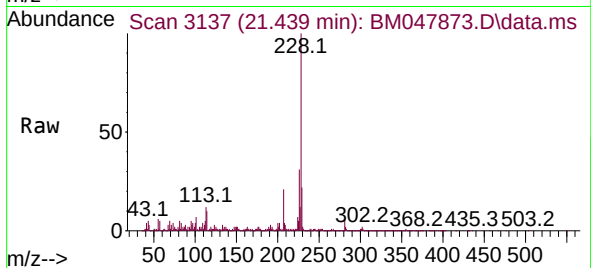
Tgt Ion:	228	Resp:	736750
Ion Ratio	Lower	Upper	
228	100		
226	30.7	23.6	35.4
229	21.8	15.3	22.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024



#90

Benzo(b)fluoranthene

Concen: 8.173 ng/ul

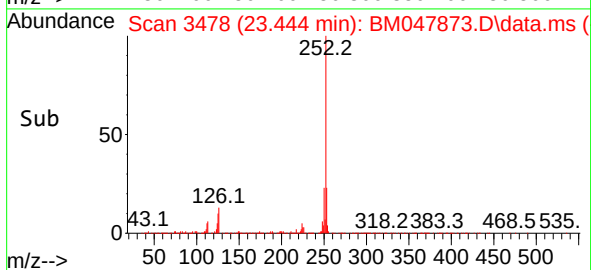
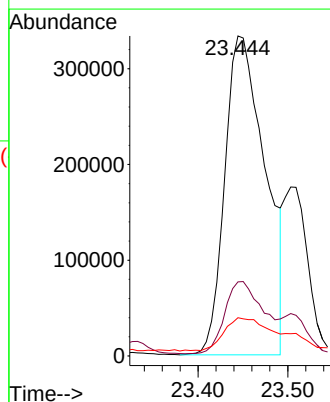
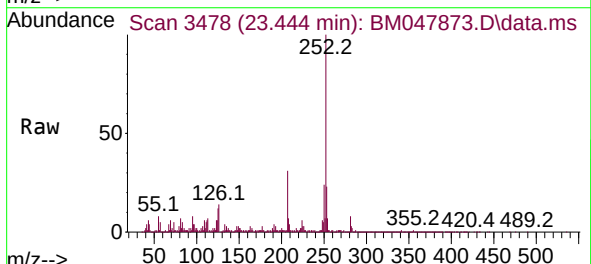
RT: 23.444 min Scan# 3478

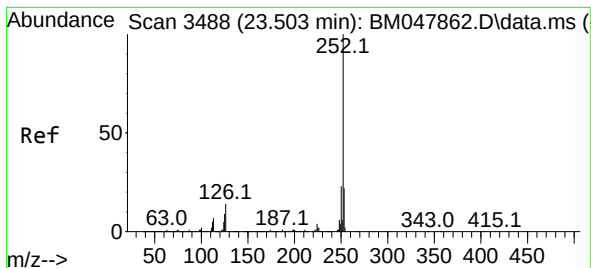
Delta R.T. -0.006 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Tgt Ion:	252	Resp:	1043378
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.2
125	12.0	9.0	13.4





#91

Benzo(k)fluoranthene

Concen: 2.483 ng/ul m

RT: 23.503 min Scan# 3488

Delta R.T. -0.006 min

Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Instrument :

BNA_M

ClientSampleId :

A4EG9

Tgt Ion:252 Resp: 324095

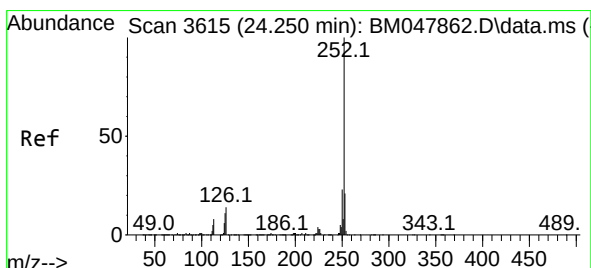
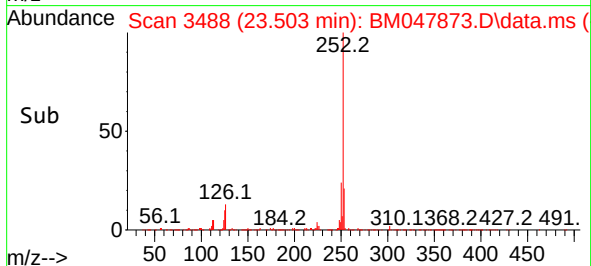
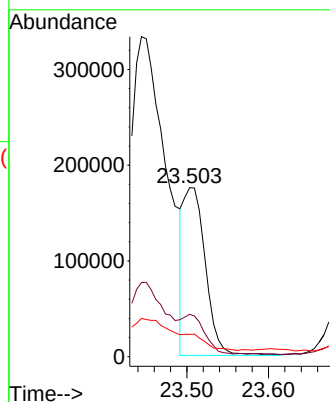
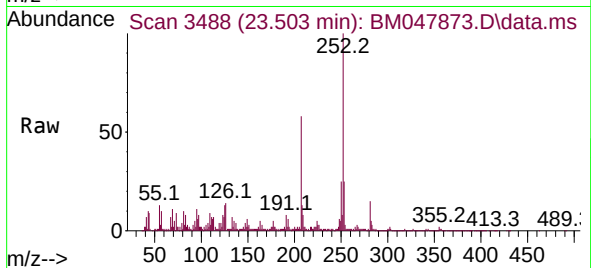
Ion	Ratio	Lower	Upper
252	100		
253	25.1	17.5	26.3
125	13.2	8.9	13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/06/2024

Supervised By :mohammad ahmed 10/06/2024



#93

Benzo(a)pyrene

Concen: 2.284 ng/ul

RT: 24.250 min Scan# 3615

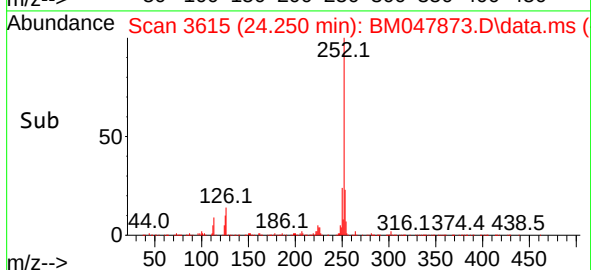
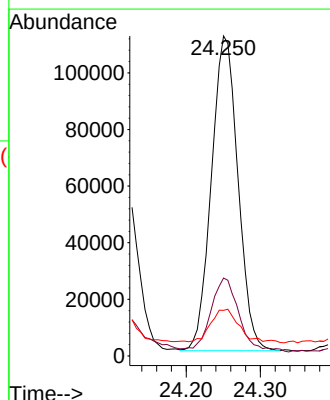
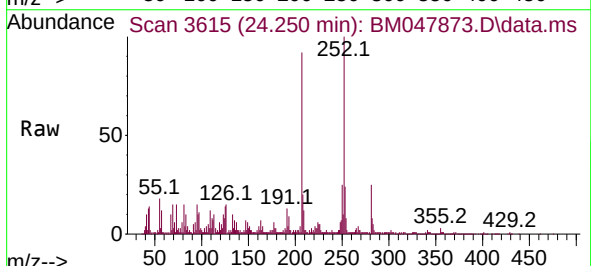
Delta R.T. -0.006 min

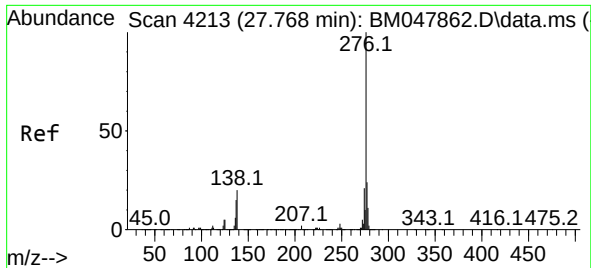
Lab File: BM047873.D

Acq: 05 Oct 2024 12:07

Tgt Ion:252 Resp: 276875

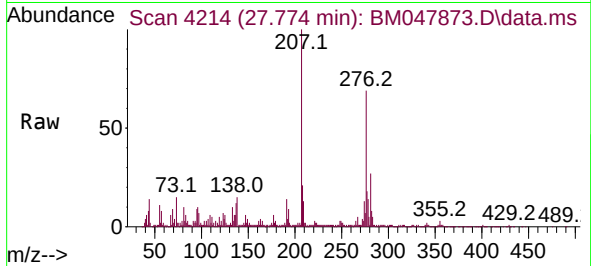
Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.2	25.8
125	14.3	10.1	15.1





#94
 Indeno(1,2,3-cd)pyrene
 Concen: 1.901 ng/ul
 RT: 27.774 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: BM047873.D
 Acq: 05 Oct 2024 12:07

Instrument :
 BNA_M
 ClientSampleId :
 A4EG9



Tgt Ion:276 Resp: 29529
 Ion Ratio Lower Upper
 276 100
 138 21.3 16.9 25.3
 277 25.4 18.9 28.3

Manual Integrations
 APPROVED

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

