

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
 Data File : BM047933.D
 Acq On : 09 Oct 2024 04:56
 Operator : RC/JU
 Sample : P4183-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4EM1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024

Quant Time: Oct 09 05:57:27 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	7.792	152	282996	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1134177	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.427	164	678100	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.168	188	1384846	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	1243881	20.000	ng/u1	0.00
88) Perylene-d12	24.391	264	1423217	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.246	96	10347	1.182	ng/uL	0.00
4) Pyridine-d5	3.681	84	13846m	0.540	ng/u1	0.02
7) Phenol-d5	6.963	99	305105	11.402	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	192883	10.158	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	259636m	13.335	ng/u1	0.00
15) 4-Methylphenol-d8	8.498	113	209072	10.508	ng/u1	0.00
21) Nitrobenzene-d5	8.945	128	118159	13.085	ng/u1	0.00
24) 2-Nitrophenol-d4	9.669	143	124303	14.364	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	235640	13.631	ng/u1	0.00
31) 4-Chloroaniline-d4	10.722	131	79751	2.984	ng/u1	0.00
46) Dimethylphthalate-d6	13.833	166	645648	13.133	ng/u1	-0.01
49) Acenaphthylene-d8	14.121	160	766487	13.150	ng/u1	0.00
54) 4-Nitrophenol-d4	14.627	143	87299	8.919	ng/u1	0.00
60) Fluorene-d10	15.421	176	593696	13.942	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	66106	8.157	ng/u1	0.00
73) Anthracene-d10	17.262	188	926741	13.610	ng/u1	-0.01
81) Pyrene-d10	19.551	212	951522	13.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.186	264	763495	10.339	ng/u1	0.00
Target Compounds					Qvalue	
16) Acetophenone	8.616	105	46504	1.366	ng/u1	92
50) Acenaphthylene	14.151	152	87468	1.331	ng/u1	99
72) Phenanthrene	17.209	178	897538	11.052	ng/u1	100
74) Anthracene	17.298	178	176600	2.132	ng/u1	98
77) Carbazole	17.568	167	105437	1.404	ng/u1	99
80) Fluoranthene	19.221	202	2775455	33.381	ng/u1	99
82) Pyrene	19.580	202	1696128	18.328	ng/u1	98
85) Benzo(a)anthracene	21.374	228	1125598	12.924	ng/u1	97
86) Bis(2-ethylhexyl)phtha...	21.297	149	381843	7.774	ng/u1	97
87) Chrysene	21.433	228	1500300	17.670	ng/u1	97
90) Benzo(b)fluoranthene	23.444	252	2181802	24.582	ng/u1	98
91) Benzo(k)fluoranthene	23.503	252	767494m	8.457	ng/u1	
93) Benzo(a)pyrene	24.250	252	554491	6.578	ng/u1	95
94) Indeno(1,2,3-cd)pyrene	27.768	276	682123	6.315	ng/u1	98
95) Dibenzo(a,h)anthracene	27.815	278	253879	2.868	ng/u1#	92
96) Benzo(g,h,i)perylene	28.820	276	89986	1.063	ng/u1#	91

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

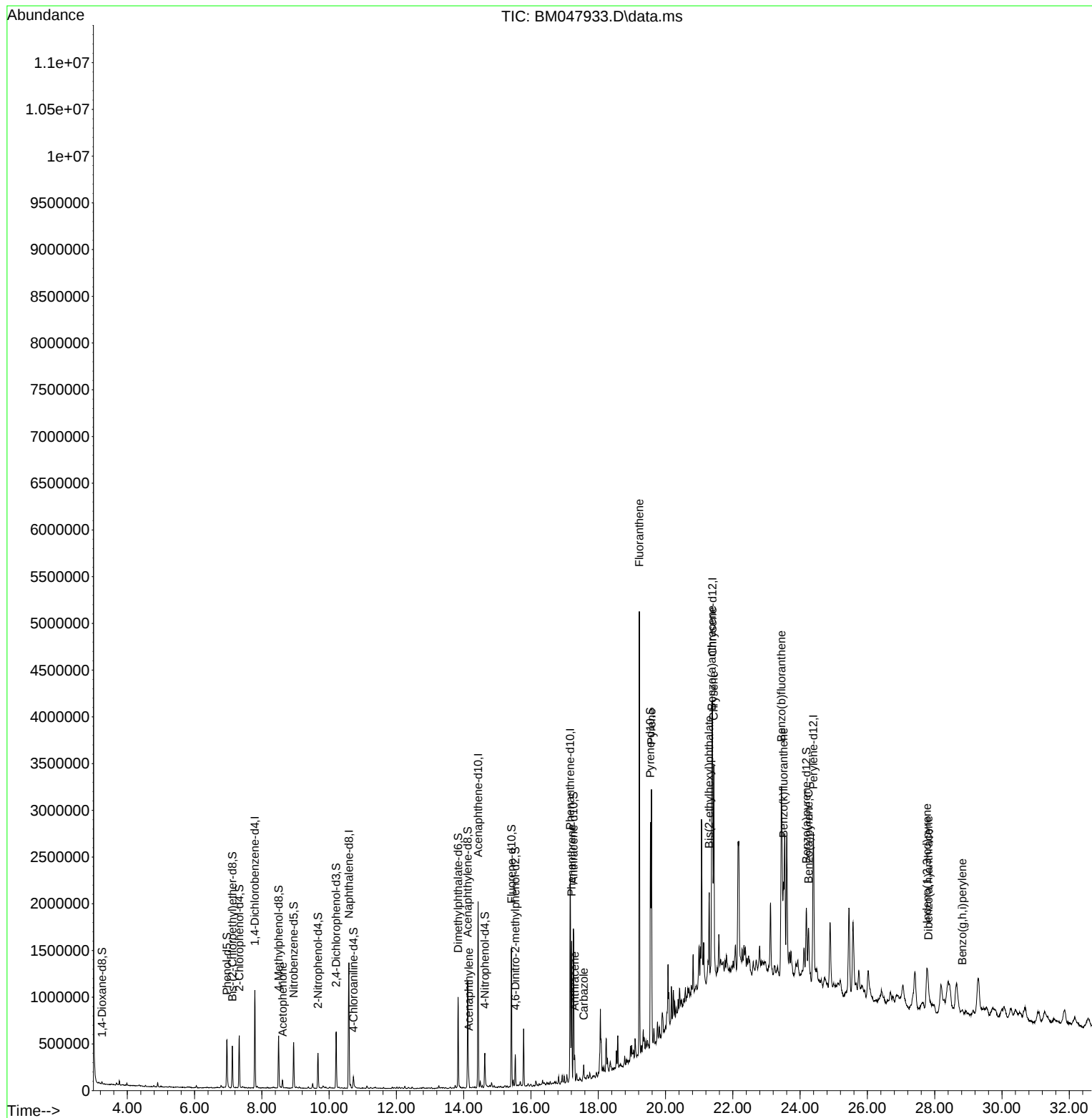
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100724\
Data File : BM047933.D
Acq On : 09 Oct 2024 04:56
Operator : RC/JU
Sample : P4183-05
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ALS Vial : 23 Sample Multiplier: 1

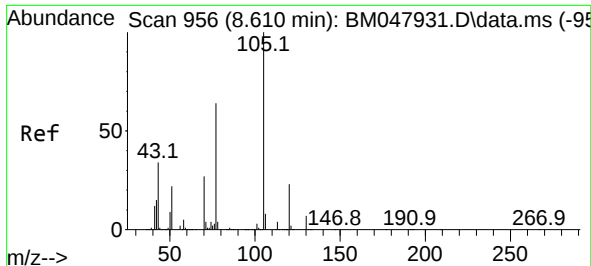
Instrument :
BNA_M
ClientSampleId :
A4EM1

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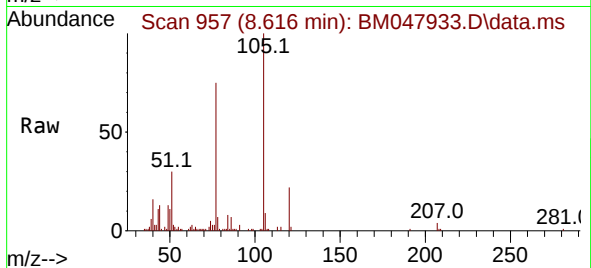
Quant Time: Oct 09 05:57:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM092724.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 08:32:31 2024
Response via : Initial Calibration





#16
Acetophenone
Concen: 1.366 ng/ul
RT: 8.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

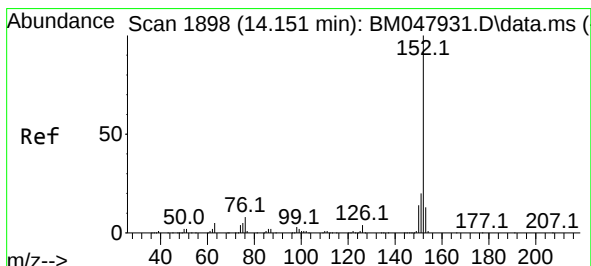
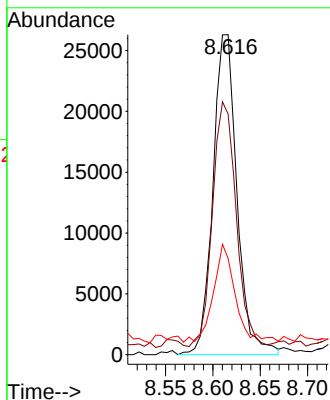
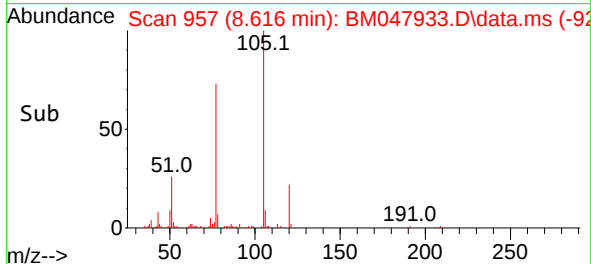
Instrument :
BNA_M
ClientSampleId :
A4EM1



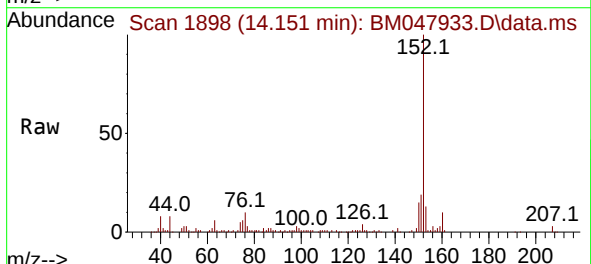
Tgt Ion:105 Resp: 46504
Ion Ratio Lower Upper
105 100
77 75.2 66.6 100.0
51 30.1 27.0 40.4

Manual Integrations
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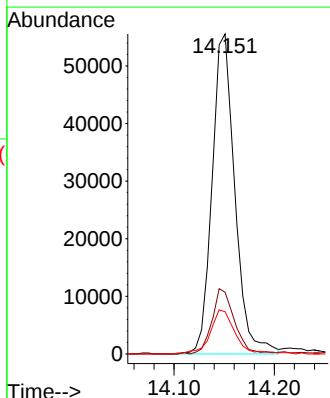
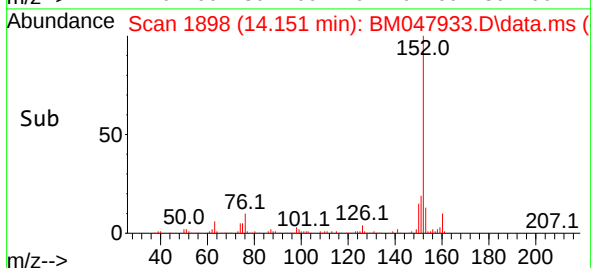
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024

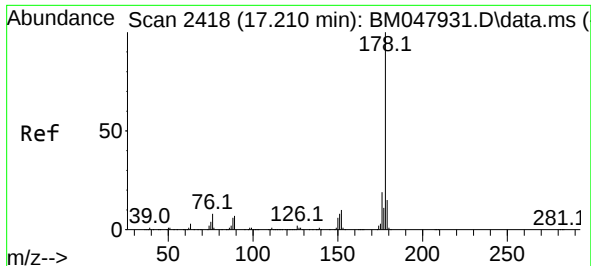


#50
Acenaphthylene
Concen: 1.331 ng/ul
RT: 14.151 min Scan# 1898
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56



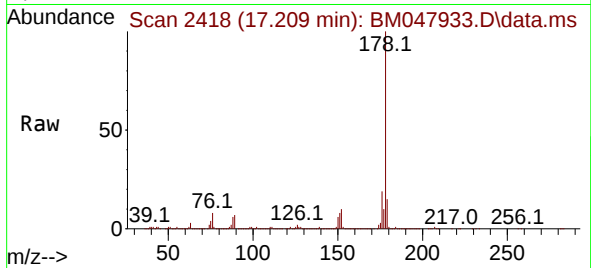
Tgt Ion:152 Resp: 87468
Ion Ratio Lower Upper
152 100
151 19.3 16.2 24.2
153 13.2 10.7 16.1





#72
Phenanthrene
Concen: 11.052 ng/u1
RT: 17.209 min Scan# 2418
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

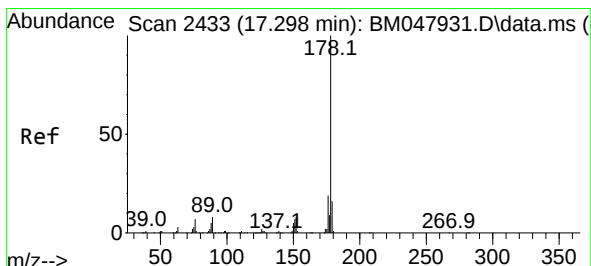
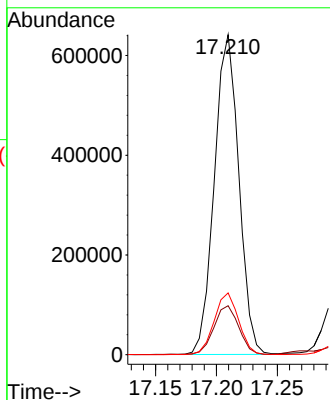
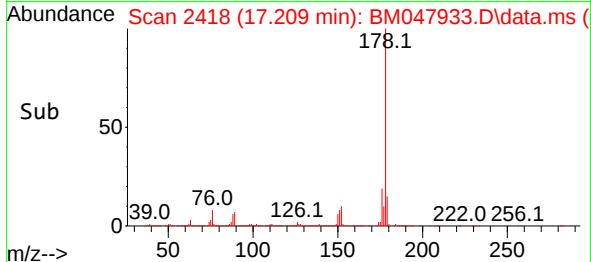
Instrument :
BNA_M
ClientSampleId :
A4EM1



Tgt Ion:178 Resp: 897538
Ion Ratio Lower Upper
178 100
179 15.3 12.0 18.0
176 19.3 15.4 23.0

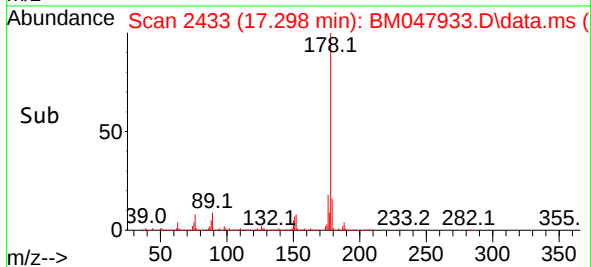
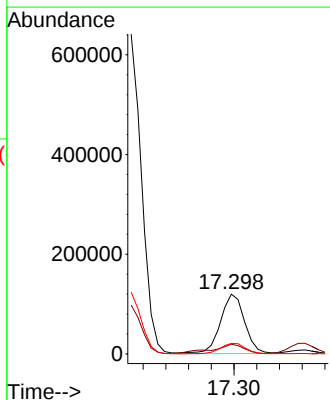
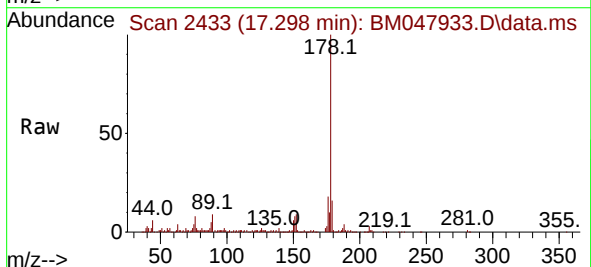
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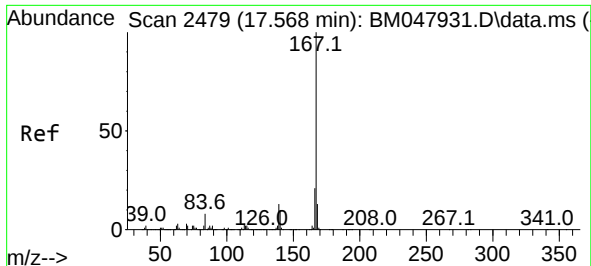
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#74
Anthracene
Concen: 2.132 ng/u1
RT: 17.298 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

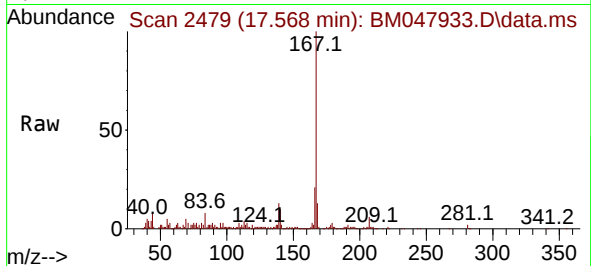
Tgt Ion:178 Resp: 176600
Ion Ratio Lower Upper
178 100
179 16.4 12.4 18.6
176 17.8 14.7 22.1





#77
 Carbazole
 Concen: 1.404 ng/ul
 RT: 17.568 min Scan# 2479
 Delta R.T. -0.006 min
 Lab File: BM047933.D
 Acq: 09 Oct 2024 04:56

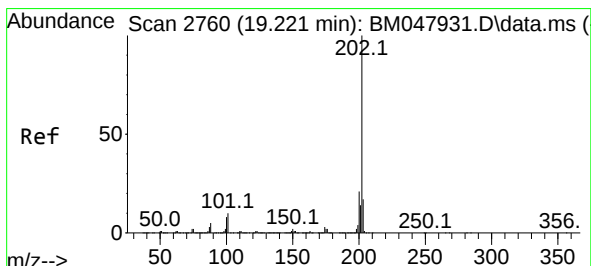
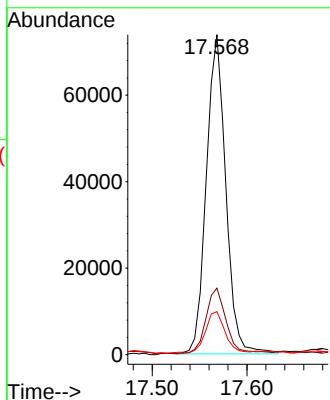
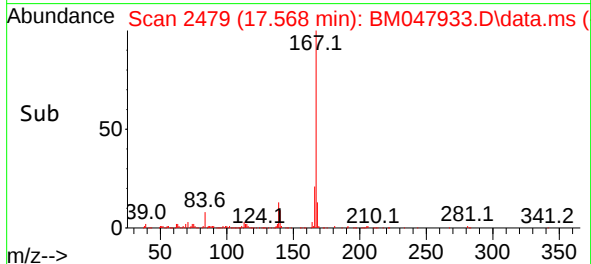
Instrument :
 BNA_M
 ClientSampleId :
 A4EM1



Tgt Ion:167 Resp: 105435
 Ion Ratio Lower Upper
 167 100
 166 20.8 17.4 26.0
 139 13.5 10.9 16.3

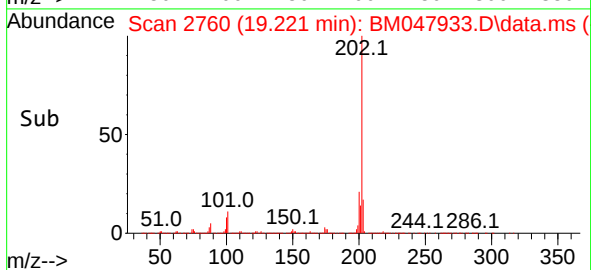
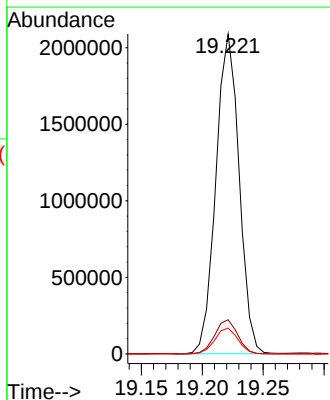
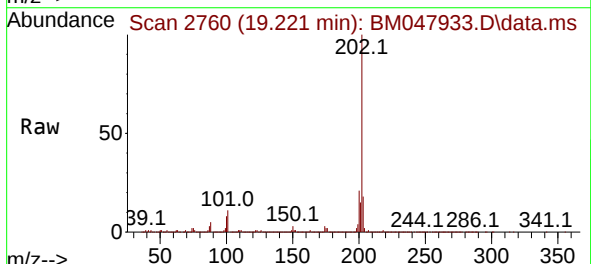
Manual Integrations
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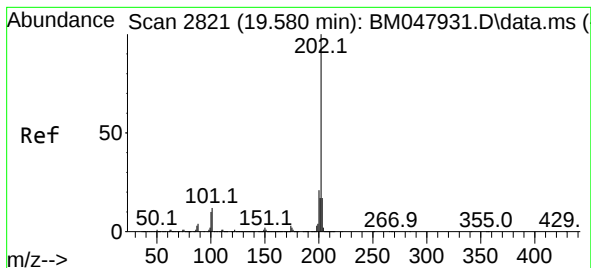
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/11/2024



#80
 Fluoranthene
 Concen: 33.381 ng/ul
 RT: 19.221 min Scan# 2760
 Delta R.T. -0.006 min
 Lab File: BM047933.D
 Acq: 09 Oct 2024 04:56

Tgt Ion:202 Resp: 2775455
 Ion Ratio Lower Upper
 202 100
 101 10.7 9.0 13.4
 100 8.1 6.8 10.2





#82

Pyrene

Concen: 18.328 ng/ul

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BM047933.D

Acq: 09 Oct 2024 04:56

Instrument :

BNA_M

ClientSampleId :

A4EM1

Tgt Ion:202 Resp: 1696128

Ion Ratio Lower Upper

202 100

101 12.8 10.9 16.3

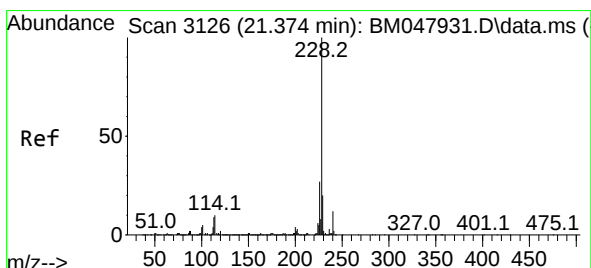
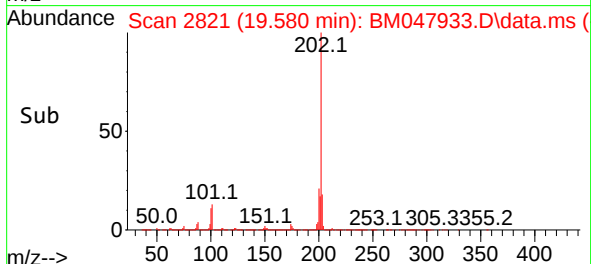
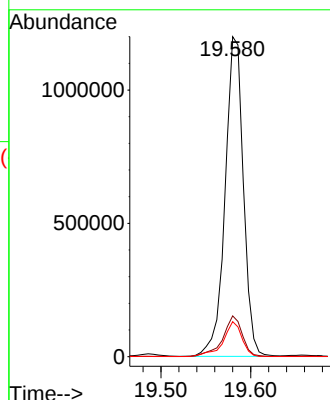
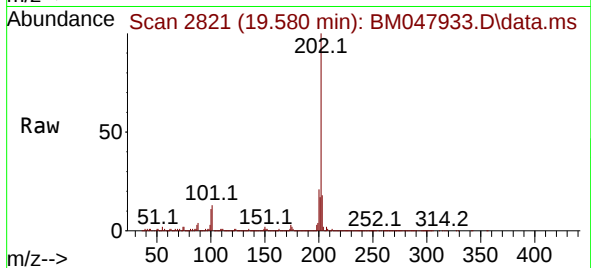
100 10.9 9.4 14.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#85

Benzo(a)anthracene

Concen: 12.924 ng/ul

RT: 21.374 min Scan# 3126

Delta R.T. -0.006 min

Lab File: BM047933.D

Acq: 09 Oct 2024 04:56

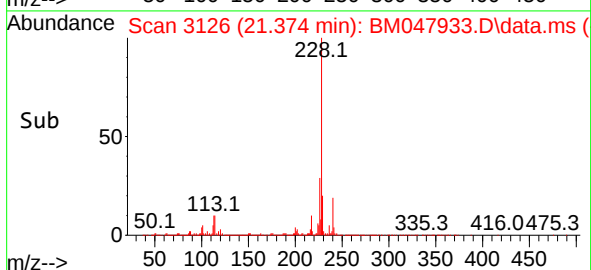
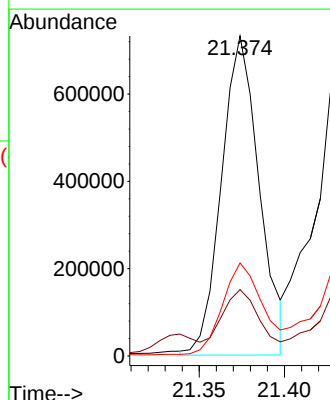
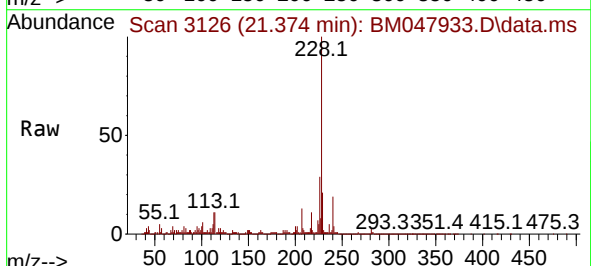
Tgt Ion:228 Resp: 1125598

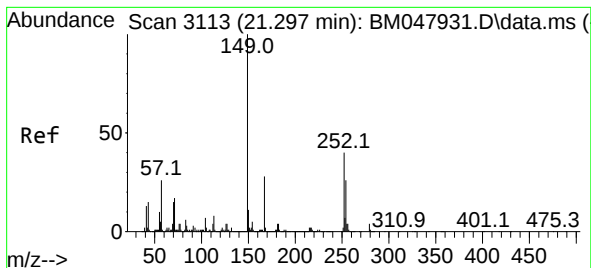
Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

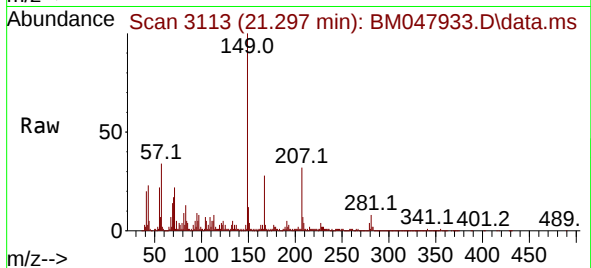
226 29.1 21.9 32.9





#86
Bis(2-ethylhexyl)phthalate
Concen: 7.774 ng/ul
RT: 21.297 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

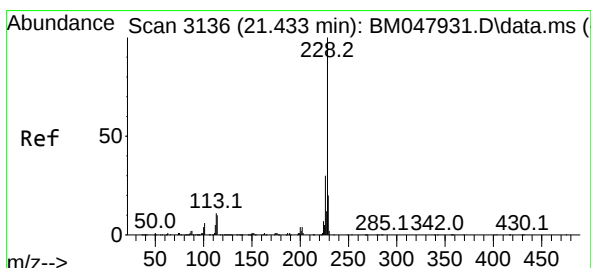
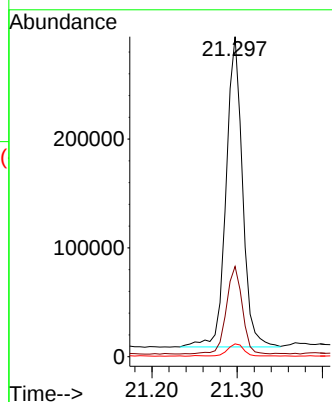
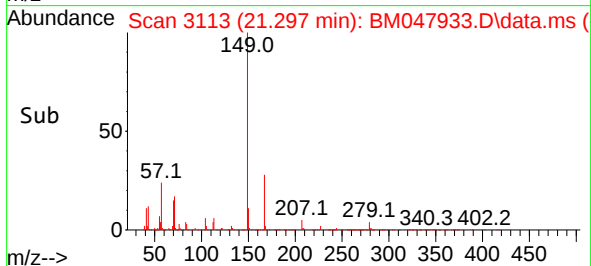
Instrument :
BNA_M
ClientSampleId :
A4EM1



Tgt Ion:149 Resp: 38184
Ion Ratio Lower Upper
149 100
167 28.2 21.3 31.9
279 4.0 2.7 4.1

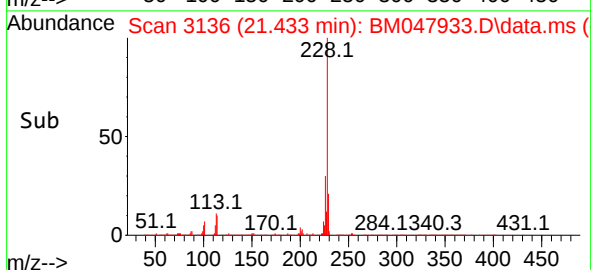
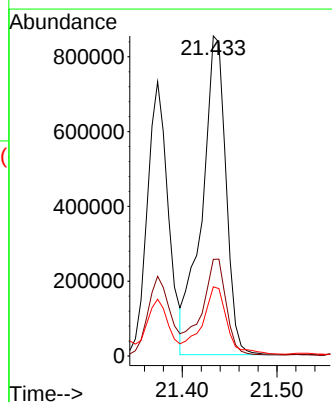
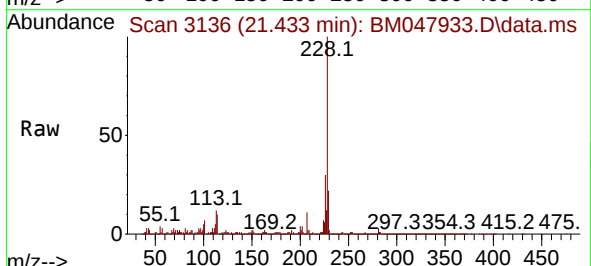
Manual Integrations
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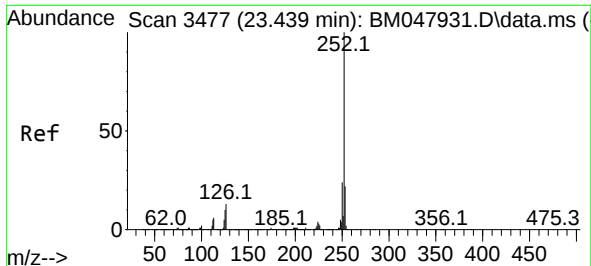
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#87
Chrysene
Concen: 17.670 ng/ul
RT: 21.433 min Scan# 3136
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

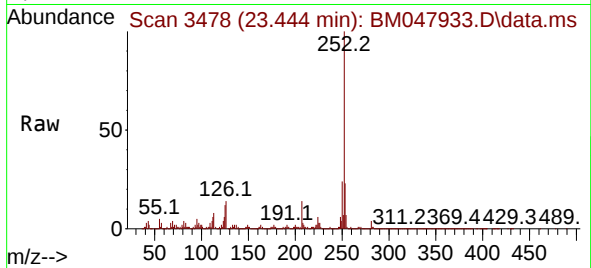
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Ion Ratio Lower Upper
228 100
226 30.2 23.6 35.4
229 21.6 15.3 22.9





#90
Benzo(b)fluoranthene
Concen: 24.582 ng/ul
RT: 23.444 min Scan# 3477
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

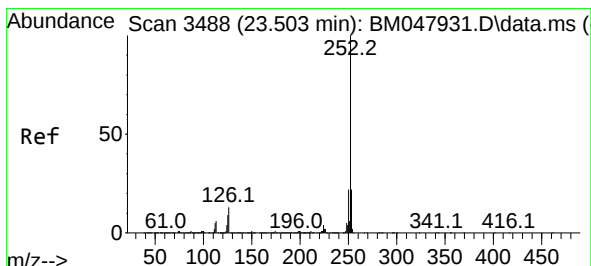
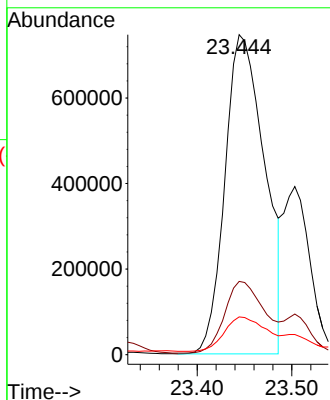
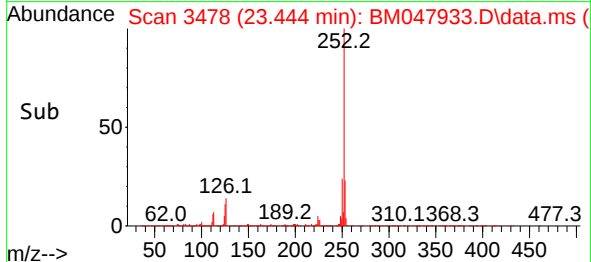
Instrument :
BNA_M
ClientSampleId :
A4EM1



Tgt Ion:252 Resp: 218180
Ion Ratio Lower Upper
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253 22.9 17.4 26.2
125 11.8 9.0 13.4

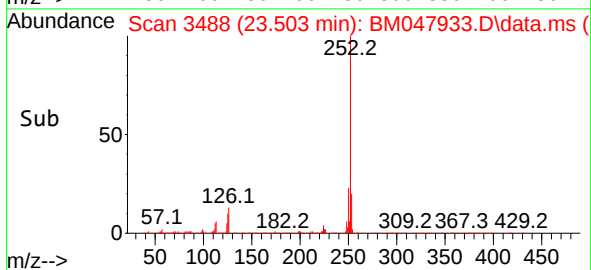
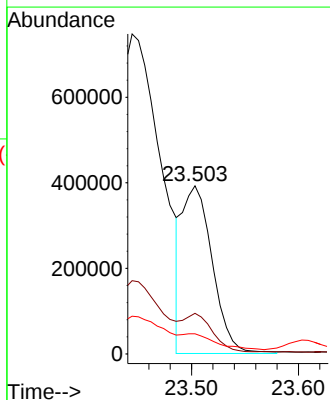
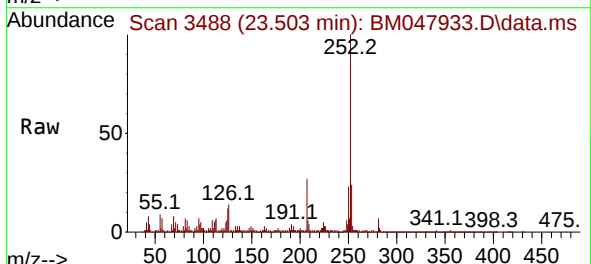
Manual Integrations
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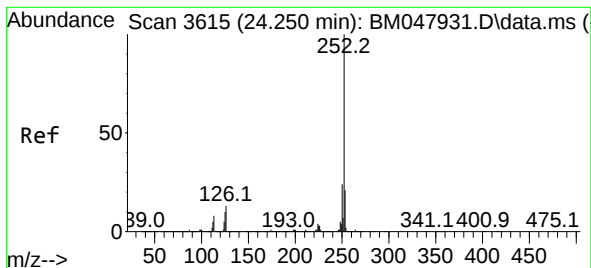
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/11/2024



#91
Benzo(k)fluoranthene
Concen: 8.457 ng/ul m
RT: 23.503 min Scan# 3488
Delta R.T. -0.006 min
Lab File: BM047933.D
Acq: 09 Oct 2024 04:56

Tgt Ion:252 Resp: 767494
Ion Ratio Lower Upper
252 100
253 24.2 17.5 26.3
125 12.0 8.9 13.3





#93

Benzo(a)pyrene

Concen: 6.578 ng/ul

RT: 24.250 min Scan# 3615

Delta R.T. -0.006 min

Lab File: BM047933.D

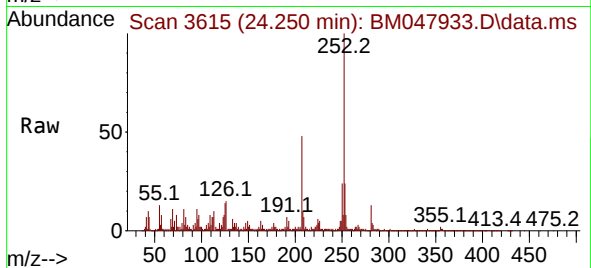
Acq: 09 Oct 2024 04:56

Instrument :

BNA_M

ClientSampleId :

A4EM1



Tgt Ion:252 Resp: 55449

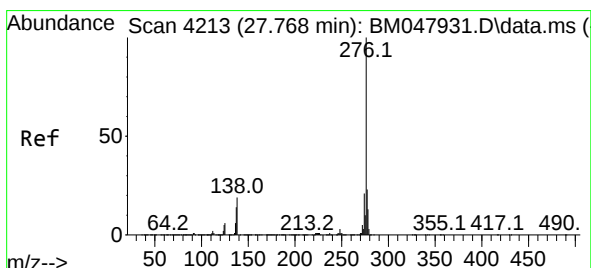
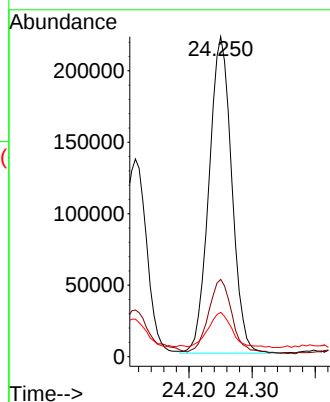
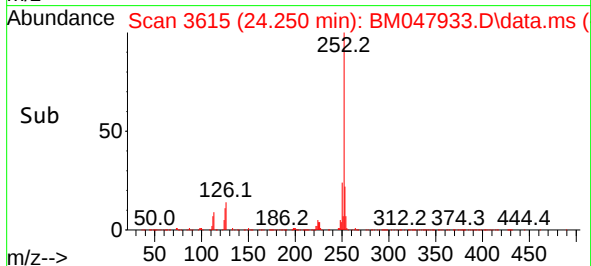
Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.2	25.8
125	13.8	10.1	15.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#94

Indeno(1,2,3-cd)pyrene

Concen: 6.315 ng/ul

RT: 27.768 min Scan# 4213

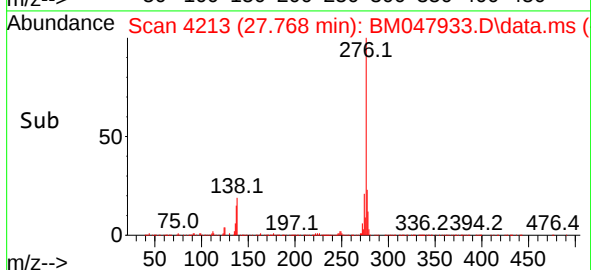
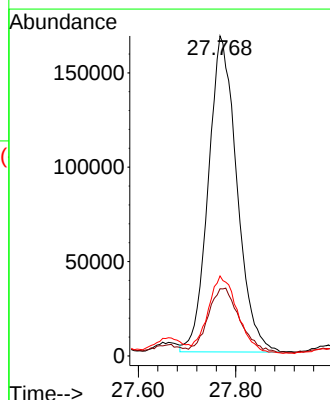
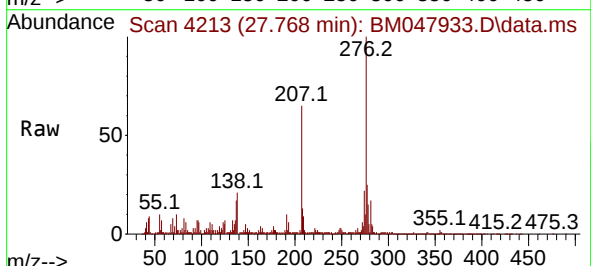
Delta R.T. -0.012 min

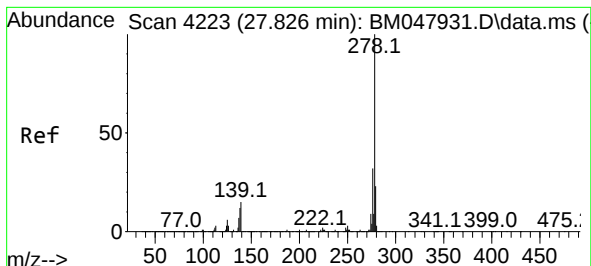
Lab File: BM047933.D

Acq: 09 Oct 2024 04:56

Tgt Ion:276 Resp: 682123

Ion	Ratio	Lower	Upper
276	100		
138	21.0	16.9	25.3
277	25.0	18.9	28.3





#95

Dibenzo(a,h)anthracene

Concen: 2.868 ng/ul

RT: 27.815 min Scan# 4221

Delta R.T. -0.023 min

Lab File: BM047933.D

Acq: 09 Oct 2024 04:56

Instrument :

BNA_M

ClientSampleId :

A4EM1

Tgt Ion:278 Resp: 253879

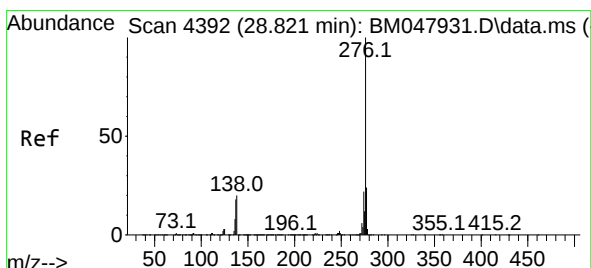
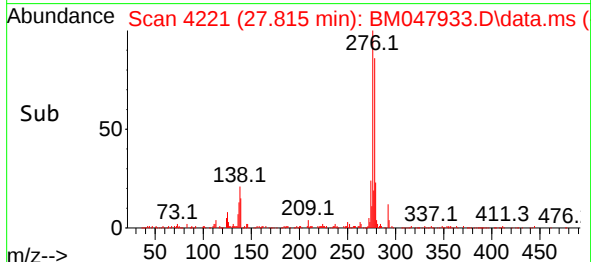
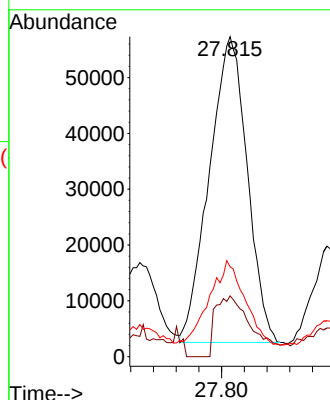
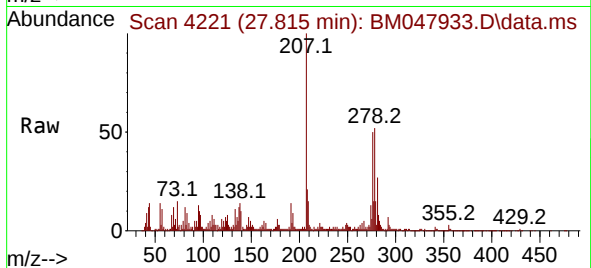
Ion	Ratio	Lower	Upper
278	100		
139	19.0	13.4	20.2
279	28.1	18.4	27.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/11/2024



#96

Benzo(g,h,i)perylene

Concen: 1.063 ng/ul

RT: 28.820 min Scan# 4392

Delta R.T. -0.012 min

Lab File: BM047933.D

Acq: 09 Oct 2024 04:56

Tgt Ion:276 Resp: 89986

Ion	Ratio	Lower	Upper
276	100		
138	28.4	18.7	28.1
277	26.5	18.3	27.5

