

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048372.D
 Acq On : 01 Nov 2024 00:27
 Operator : RC/JU
 Sample : P4530-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H39

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

Quant Time: Nov 03 07:04:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 31 14:58:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	4344	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.496	136	13841	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.350	164	7525	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.096	188	15871m	0.400	ng/ul	-0.02
17) Chrysene-d12	21.272	240	14709m	0.400	ng/ul	-0.02
23) Perylene-d12	23.511	264	12942m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	22529	4.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	5178	0.294	ng/ul	-0.02
18) Fluoranthene-d10	19.124	212	12230	0.328	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.541	128	1896	0.052	ng/ul#	88
10) Acenaphthylene	14.073	152	11223	0.386	ng/ul	99
12) Fluorene	15.400	166	731	0.028	ng/ul#	94
15) Phenanthrene	17.134	178	8286m	0.210	ng/ul	
16) Anthracene	17.226	178	53285m	1.443	ng/ul	
19) Fluoranthene	19.152	202	190846	3.763	ng/ul	98
20) Pyrene	19.514	202	237264	4.360	ng/ul	98
21) Benzo(a)anthracene	21.258	228	121960	2.768	ng/ul	99
22) Chrysene	21.307	228	158248	2.610	ng/ul	99
24) Benzo(b)fluoranthene	22.836	252	223363m	5.050	ng/ul	
25) Benzo(k)fluoranthene	22.874	252	75777m	1.447	ng/ul	
26) Benzo(a)pyrene	23.409	252	113524	2.733	ng/ul#	77
27) Indeno(1,2,3-cd)pyrene	25.773	276	81180	1.398	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.776	278	18934	0.418	ng/ul	95
29) Benzo(g,h,i)perylene	26.467	276	74308	1.518	ng/ul	97

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

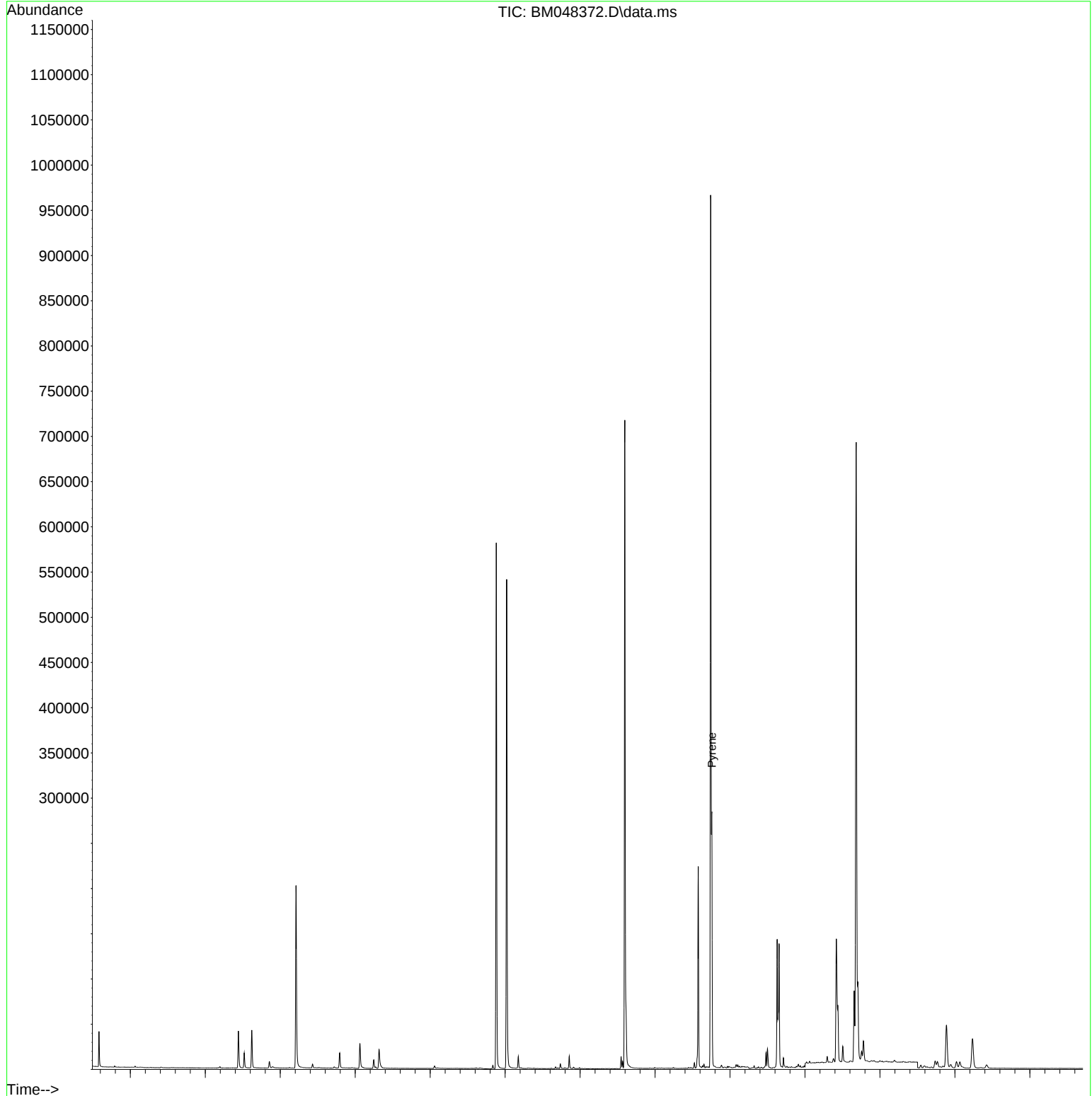
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048372.D
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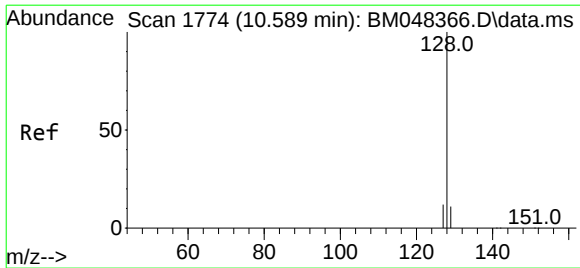
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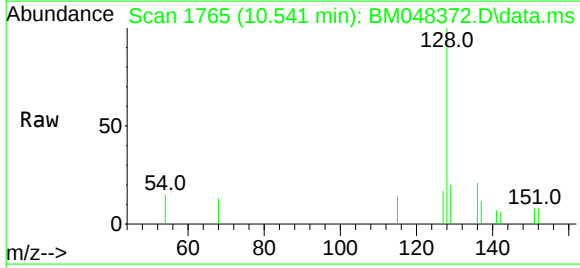
Quant Time: Nov 03 07:04:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.052 ng/u1
RT: 10.541 min Scan# 17
Delta R.T. -0.039 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

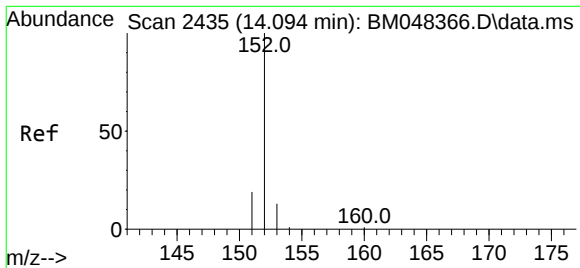
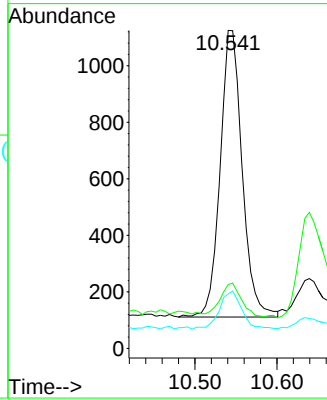
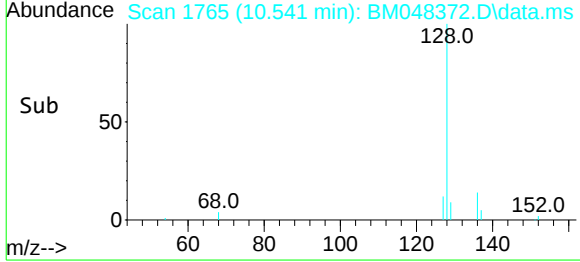
Instrument :
BNA_M
ClientSampleId :
F7H39



Tgt Ion:128 Resp: 1896
Ion Ratio Lower Upper
128 100
129 20.1 10.6 15.8#
127 17.2 11.4 17.2

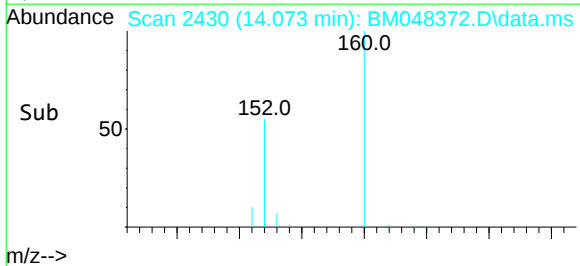
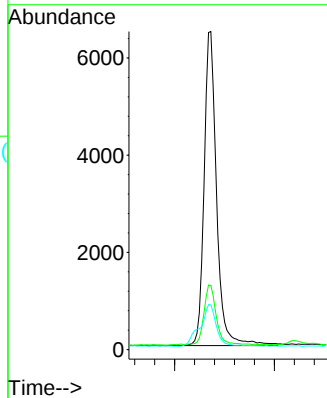
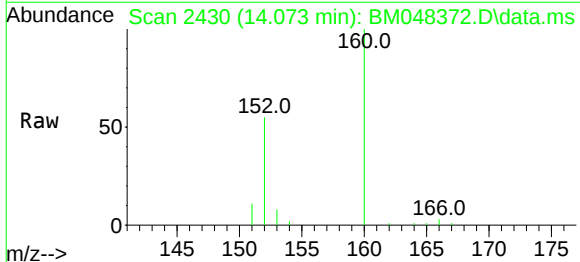
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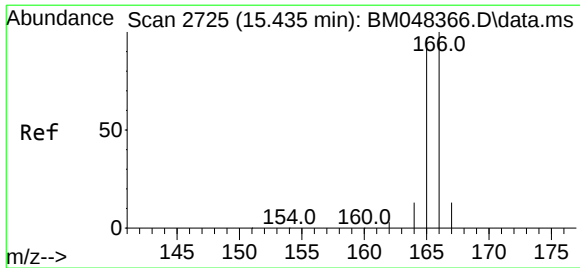
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#10
Acenaphthylene
Concen: 0.386 ng/u1
RT: 14.073 min Scan# 2430
Delta R.T. -0.018 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

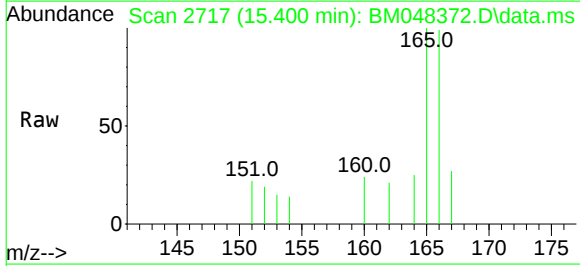
Tgt Ion:152 Resp: 11223
Ion Ratio Lower Upper
152 100
151 20.2 16.6 24.8
153 14.1 11.8 17.6





#12
Fluorene
Concen: 0.028 ng/u1
RT: 15.400 min Scan# 2717
Delta R.T. -0.032 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

Instrument :
BNA_M
ClientSampleId :
F7H39



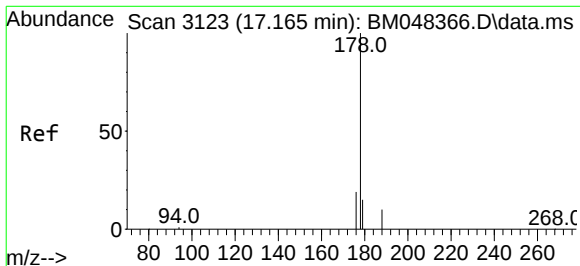
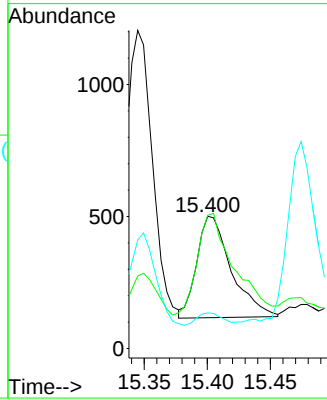
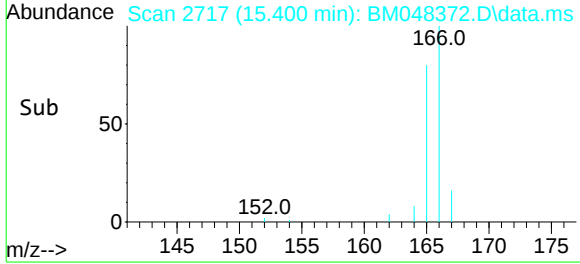
Tgt Ion:166 Resp: 731
Ion Ratio Lower Upper
166 100
165 100.8 78.6 118.0
167 26.9 12.1 18.1#

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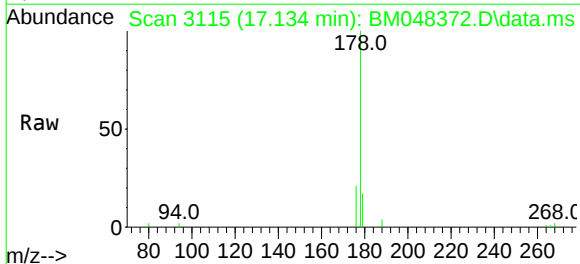
Reviewed By :Yogesh
Patel

11/04/2024
Supervised By :mohammad
ahmed

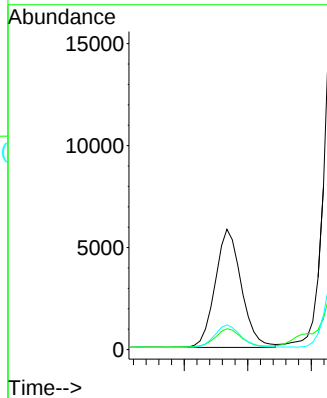
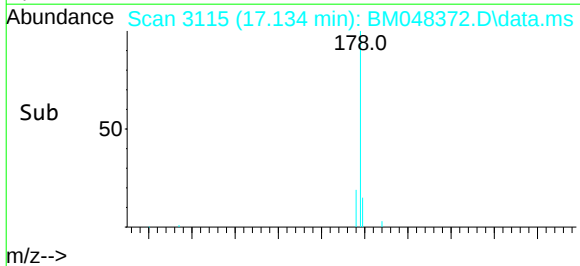
11/04/2024

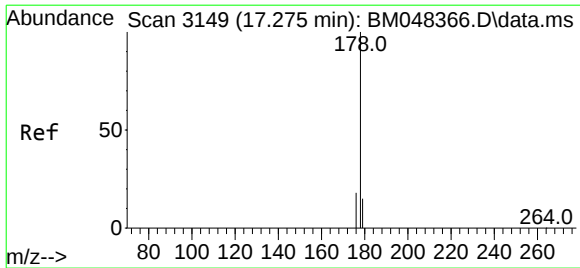


#15
Phenanthrene
Concen: 0.210 ng/u1 m
RT: 17.134 min Scan# 3115
Delta R.T. -0.025 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27



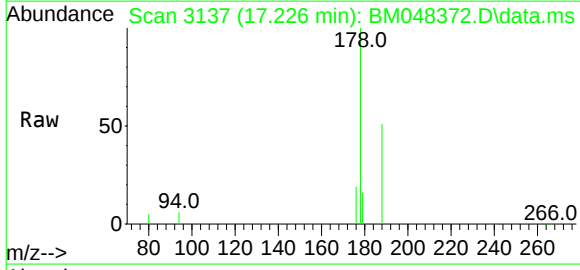
Tgt Ion:178 Resp: 8286
Ion Ratio Lower Upper
178 100
179 17.3 13.9 20.9
176 20.6 16.0 24.0





#16
Anthracene
 Concen: 1.443 ng/ul m
 RT: 17.226 min Scan# 31
 Delta R.T. -0.033 min
 Lab File: BM048372.D
 Acq: 01 Nov 2024 00:27

Instrument :
 BNA_M
ClientSampleId :
 F7H39



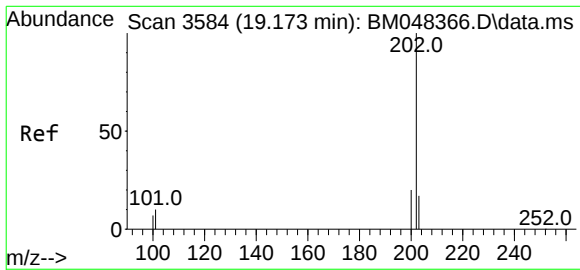
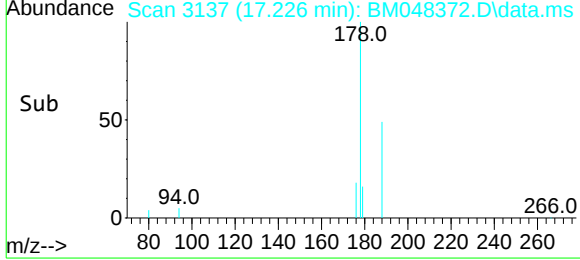
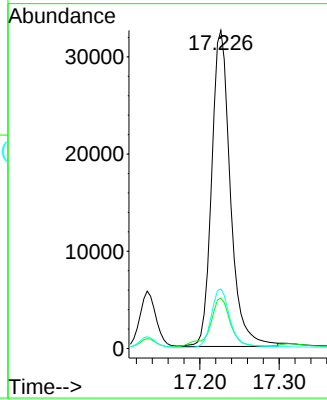
Tgt Ion:	178	Resp:	53285
Ion Ratio	Lower	Upper	
178	100		
179	15.9	14.2	21.2
176	18.7	15.8	23.6

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Reviewed By :Yogesh
 Patel

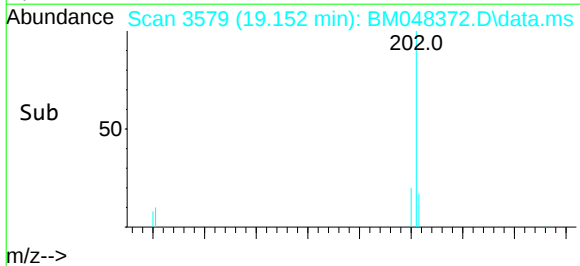
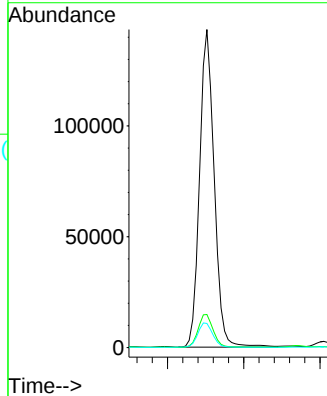
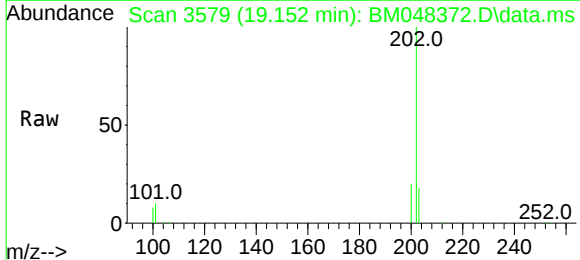
11/04/2024
 Supervised By :mohammad
 ahmed

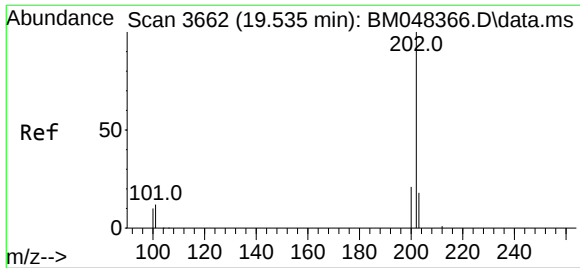
11/04/2024



#19
Fluoranthene
 Concen: 3.763 ng/ul
 RT: 19.152 min Scan# 3579
 Delta R.T. -0.018 min
 Lab File: BM048372.D
 Acq: 01 Nov 2024 00:27

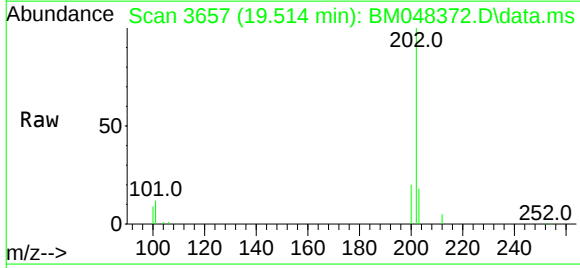
Tgt Ion:	202	Resp:	190846
Ion Ratio	Lower	Upper	
202	100		
101	10.4	9.0	13.4
100	7.6	6.6	10.0





#20
Pyrene
Concen: 4.360 ng/u1
RT: 19.514 min Scan# 36
Delta R.T. -0.018 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

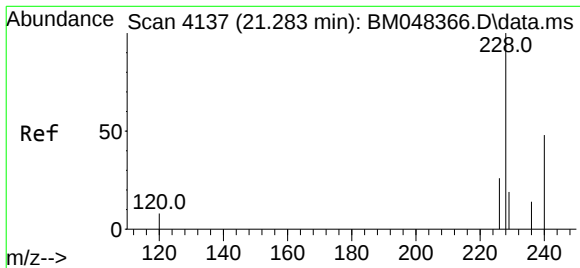
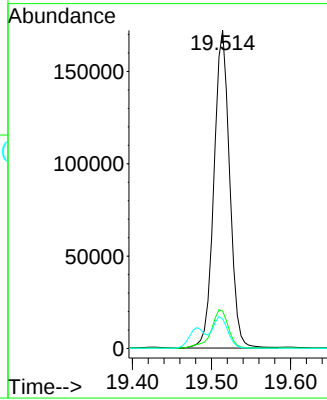
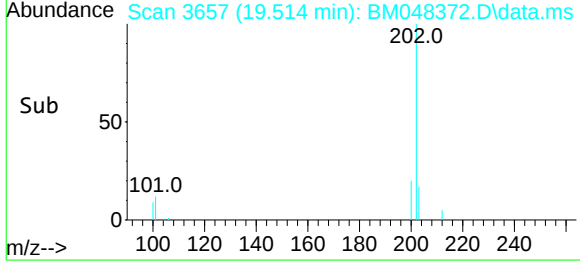
Instrument :
BNA_M
ClientSampleId :
F7H39



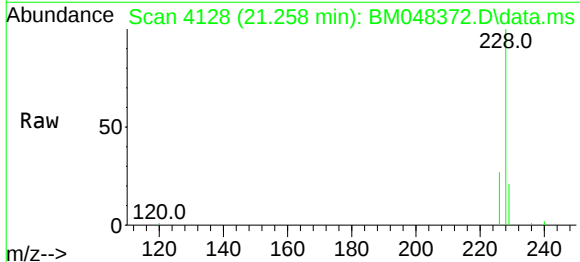
Tgt Ion:202 Resp: 237264
Ion Ratio Lower Upper
202 100
101 11.8 10.0 15.0
100 9.2 8.0 12.0

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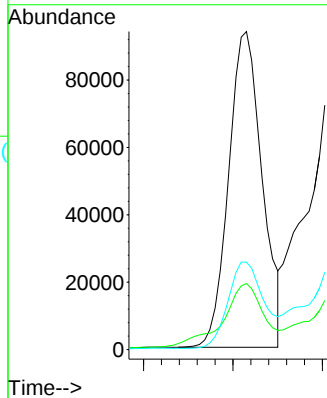
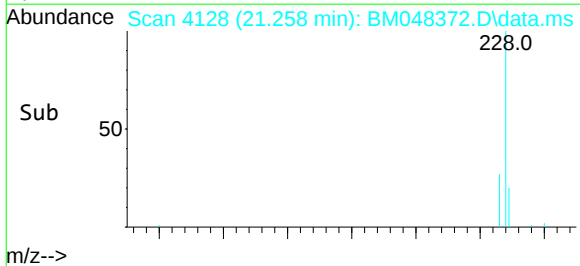
Reviewed By :Yogesh Patel 11/04/2024
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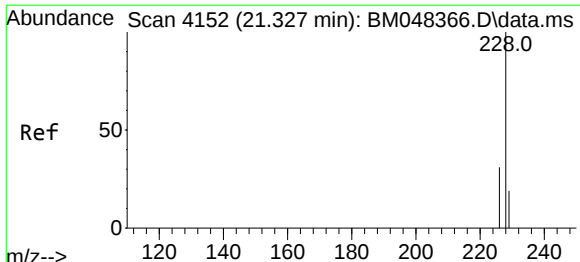


#21
Benzo(a)anthracene
Concen: 2.768 ng/u1
RT: 21.258 min Scan# 4128
Delta R.T. -0.023 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27



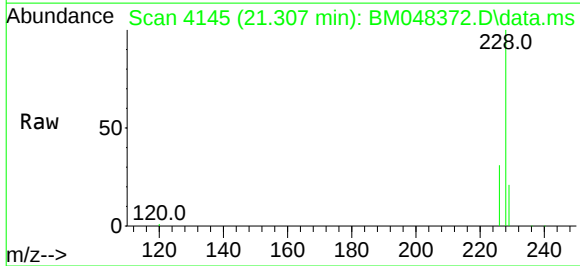
Tgt Ion:228 Resp: 121960
Ion Ratio Lower Upper
228 100
229 20.8 15.9 23.9
226 27.5 22.1 33.1





#22
Chrysene
Concen: 2.610 ng/u1
RT: 21.307 min Scan# 4152
Delta R.T. -0.020 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

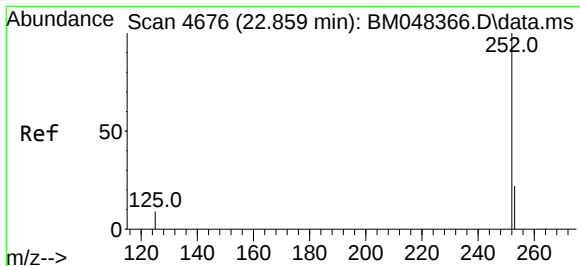
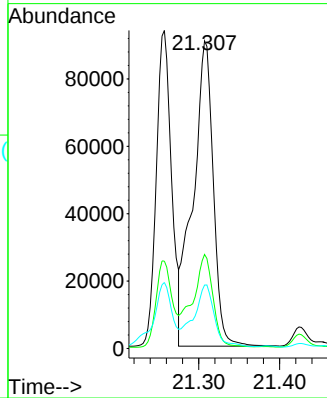
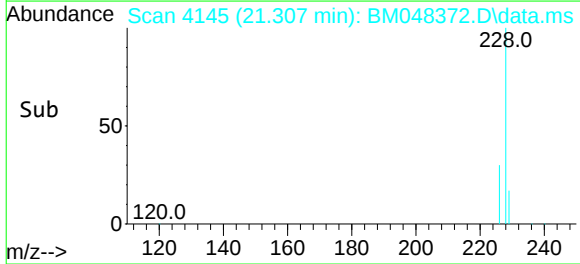
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Tgt Ion:228 Resp: 158248
Ion Ratio Lower Upper
228 100
226 30.6 24.1 36.1
229 20.6 15.9 23.9

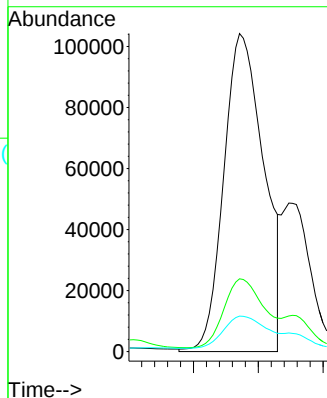
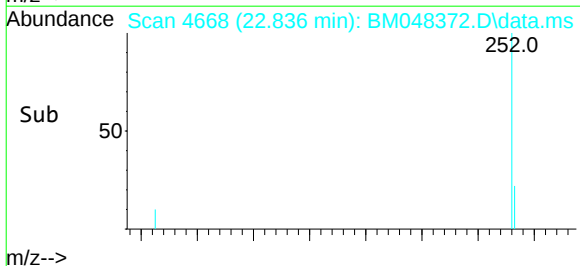
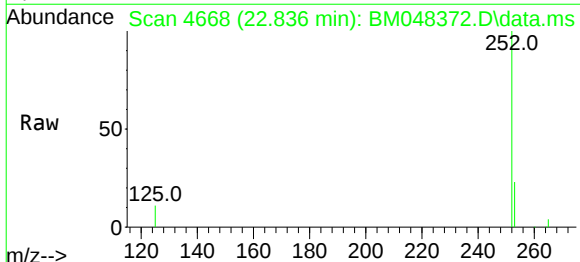
Manual Integrations
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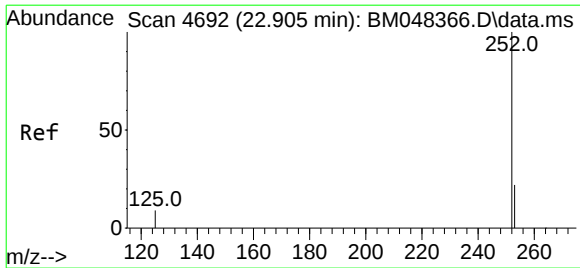
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#24
Benzo(b)fluoranthene
Concen: 5.050 ng/u1 m
RT: 22.836 min Scan# 4668
Delta R.T. -0.026 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

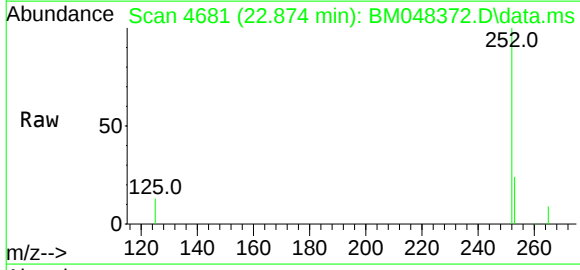
Tgt Ion:252 Resp: 223363
Ion Ratio Lower Upper
252 100
253 22.9 0.0 59.4
125 11.2 0.0 38.0





#25
Benzo(k)fluoranthene
Concen: 1.447 ng/u1 m
RT: 22.874 min Scan# 46
Delta R.T. -0.031 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

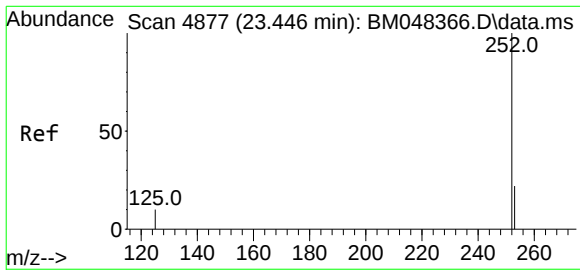
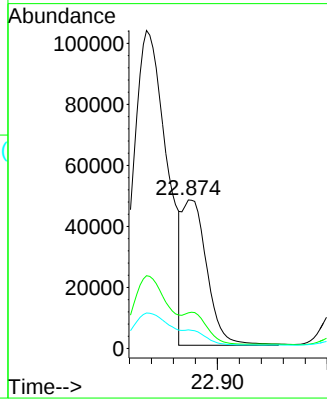
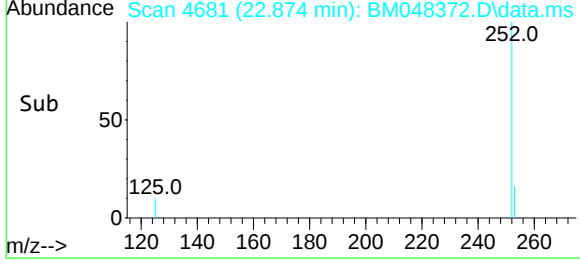
Instrument :
BNA_M
ClientSampleId :
F7H39



Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	23.4	35.0
125	12.5	15.3	22.9#

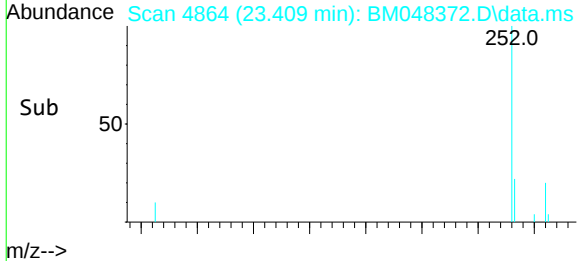
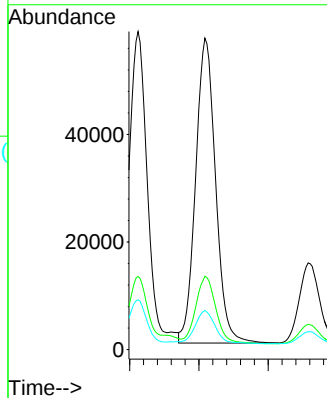
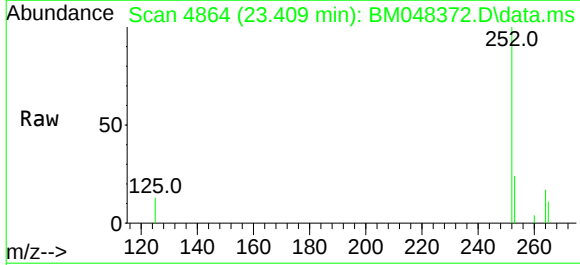
Manual Integrations
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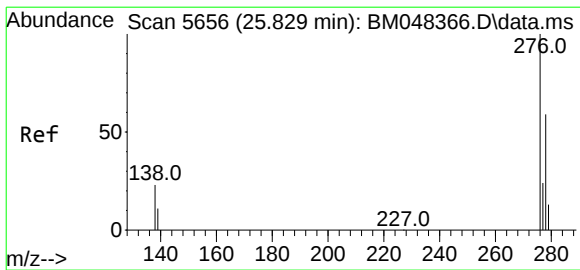
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#26
Benzo(a)pyrene
Concen: 2.733 ng/u1
RT: 23.409 min Scan# 4864
Delta R.T. -0.031 min
Lab File: BM048372.D
Acq: 01 Nov 2024 00:27

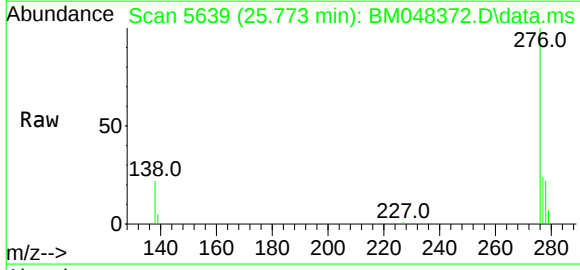
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	27.7	41.5#
125	12.6	21.1	31.7#





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.398 ng/ul
 RT: 25.773 min Scan# 5640
 Delta R.T. -0.039 min
 Lab File: BM048372.D
 Acq: 01 Nov 2024 00:27

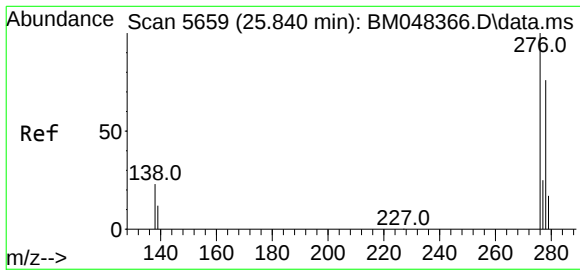
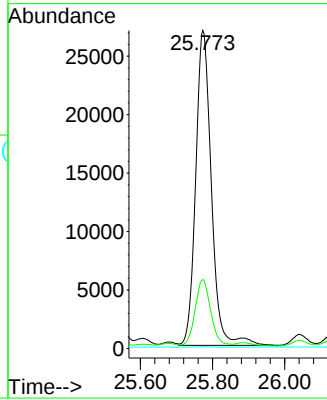
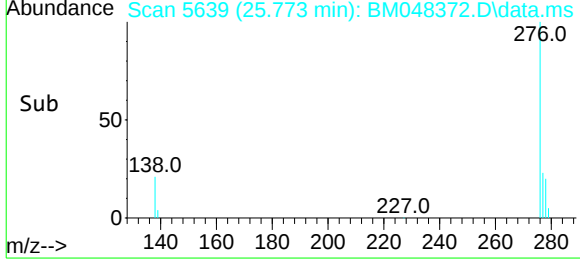
Instrument : BNA_M
 ClientSampleId : F7H39



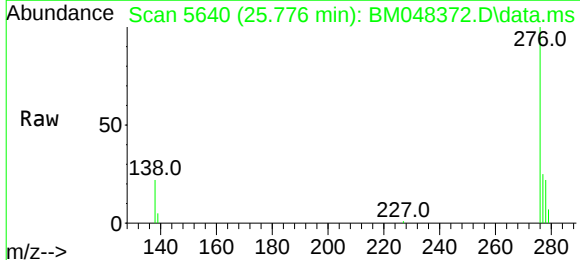
Tgt Ion:	276	Resp:	81180
Ion	Ratio	Lower	Upper
276	100		
138	20.7	19.6	29.4
227	0.2	0.1	0.1

Manual Integrations
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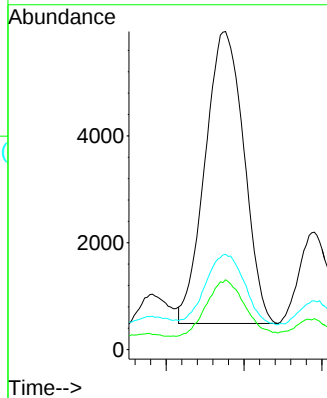
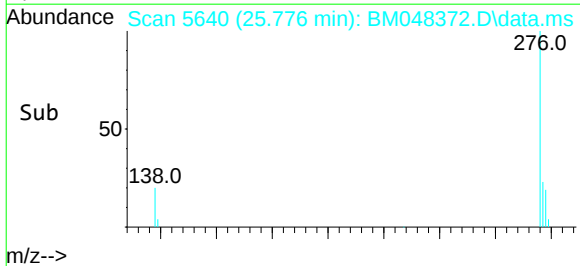
Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

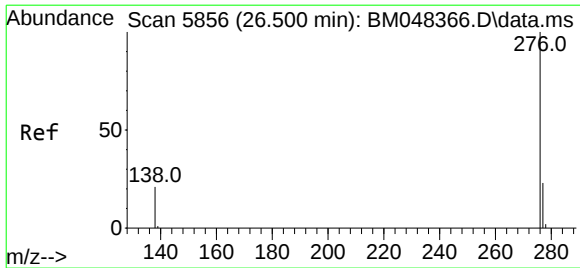


#28
 Dibenzo(a,h)anthracene
 Concen: 0.418 ng/ul
 RT: 25.776 min Scan# 5640
 Delta R.T. -0.060 min
 Lab File: BM048372.D
 Acq: 01 Nov 2024 00:27



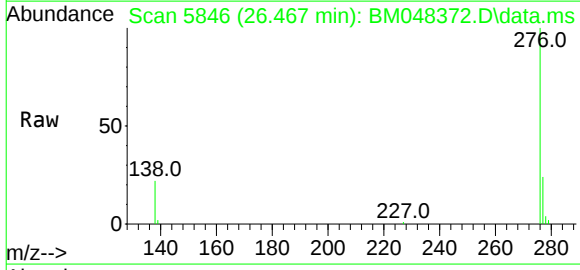
Tgt Ion:	278	Resp:	18934
Ion	Ratio	Lower	Upper
278	100		
139	21.9	15.6	23.4
279	29.9	26.4	39.6





#29
 Benzo(g,h,i)perylene
 Concen: 1.518 ng/ul
 RT: 26.467 min Scan# 58
 Delta R.T. -0.033 min
 Lab File: BM048372.D
 Acq: 01 Nov 2024 00:27

Instrument :
 BNA_M
 ClientSampleId :
 F7H39



Tgt Ion:	276	Resp:	74308
Ion Ratio	Lower	Upper	
276	100		
138	22.1	19.0	28.6
277	24.1	20.6	31.0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/04/2024
 Supervised By :mohammad ahmed 11/04/2024

