

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048360.D
 Acq On : 31 Oct 2024 16:35
 Operator : RC/JU
 Sample : P4530-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H27

Manual Integrations
 APPROVED

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

Quant Time: Oct 31 17:56:18 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	4781	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.497	136	15129	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.354	164	8203	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.095	188	16605m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240	15380m	0.400	ng/ul	0.00
23) Perylene-d12	23.522	264	12627m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	18623	3.172	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4140	0.215	ng/ul	-0.02
18) Fluoranthene-d10	19.128	212	10067	0.258	ng/ul	0.00
Target Compounds						
					Qvalue	
19) Fluoranthene	19.156	202	3993	0.075	ng/ul#	33
20) Pyrene	19.518	202	4755m	0.084	ng/ul	
21) Benzo(a)anthracene	21.277	228	2582m	0.056	ng/ul	
22) Chrysene	21.324	228	3911m	0.062	ng/ul	
24) Benzo(b)fluoranthene	22.844	252	6973m	0.162	ng/ul	
25) Benzo(k)fluoranthene	22.885	252	3043m	0.060	ng/ul	
26) Benzo(a)pyrene	23.414	252	2492	0.061	ng/ul#	42
27) Indeno(1,2,3-cd)pyrene	25.833	276	2809	0.050	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.833	278	1054	0.024	ng/ul#	1
29) Benzo(g,h,i)perylene	26.523	276	2654	0.056	ng/ul#	72

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

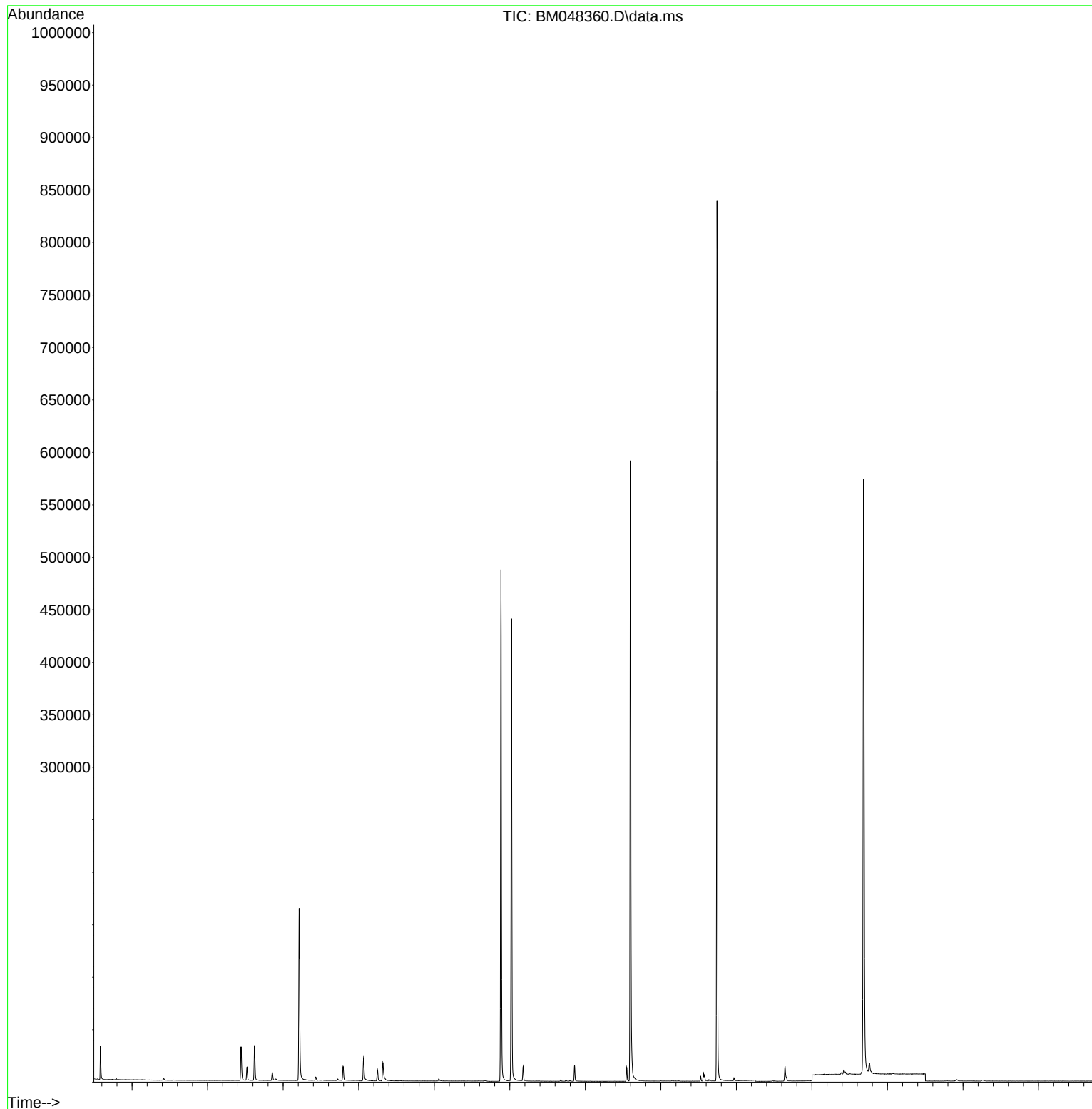
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048360.D
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ALS Vial : 11 Sample Multiplier: 1

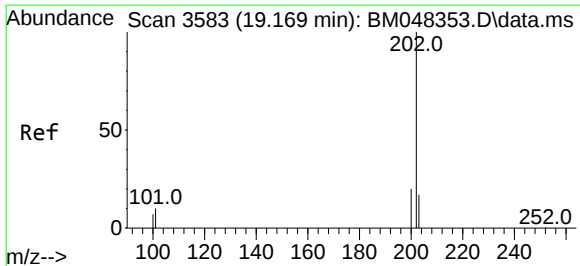
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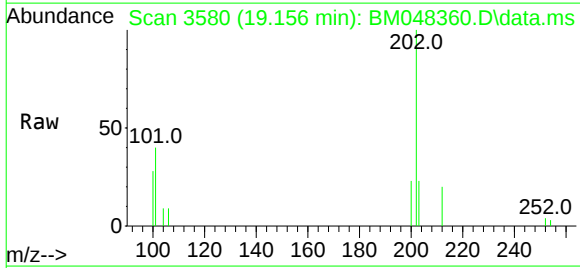
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#19
Fluoranthene
Concen: 0.075 ng/u1
RT: 19.156 min Scan# 3583
Delta R.T. -0.014 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

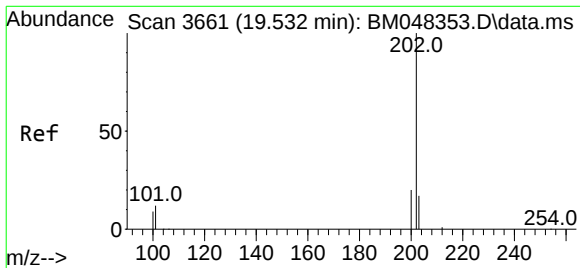
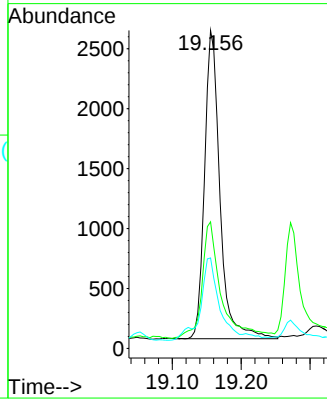
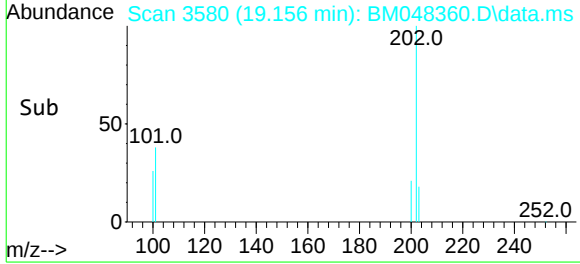
Instrument :
BNA_M
ClientSampleId :
F7H27



Tgt Ion:202 Resp: 3993
Ion Ratio Lower Upper
202 100
101 39.8 9.0 13.4#
100 28.5 6.6 10.0#

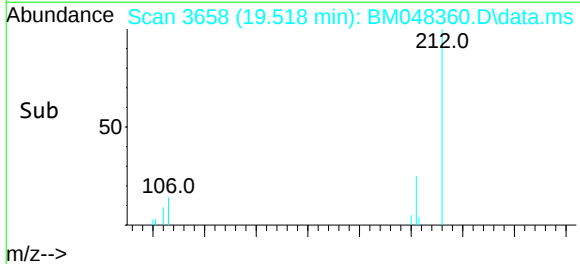
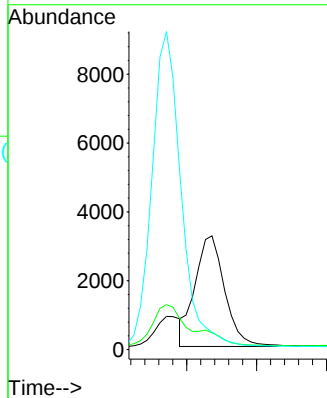
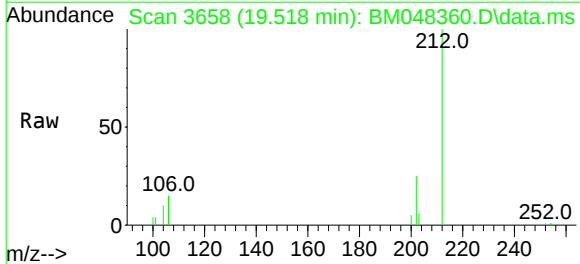
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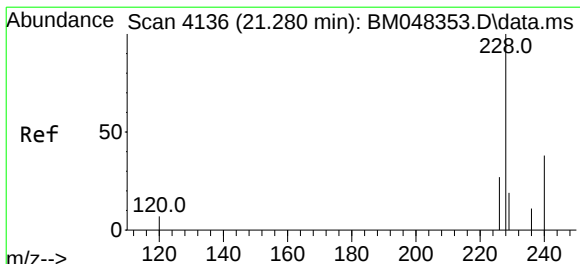
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
Pyrene
Concen: 0.084 ng/u1 m
RT: 19.518 min Scan# 3658
Delta R.T. -0.014 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

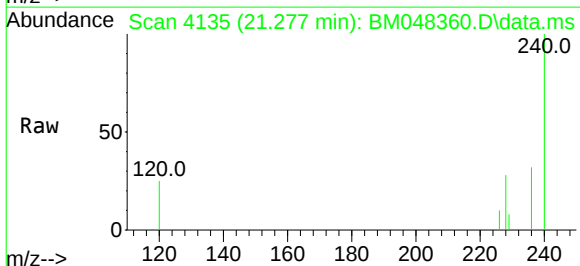
Tgt Ion:202 Resp: 4755
Ion Ratio Lower Upper
202 100
101 14.8 10.0 15.0
100 15.4 8.0 12.0#





#21
Benzo(a)anthracene
Concen: 0.056 ng/ul m
RT: 21.277 min Scan# 41
Delta R.T. -0.003 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

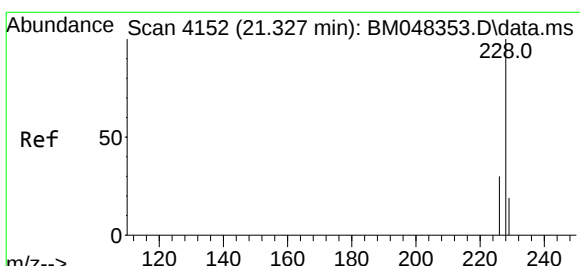
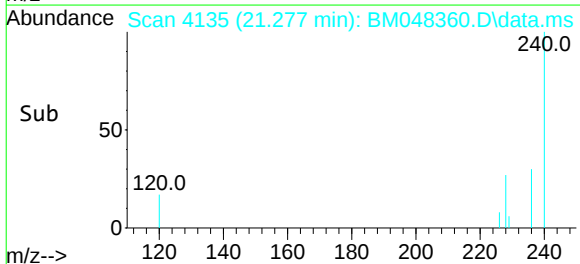
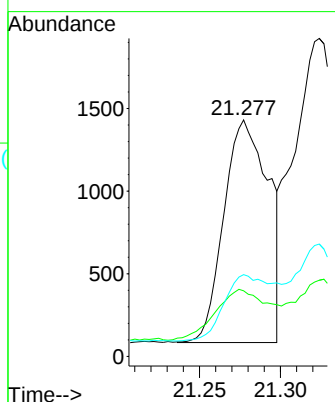
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
229	27.7	15.9	23.9
226	34.6	22.1	33.1

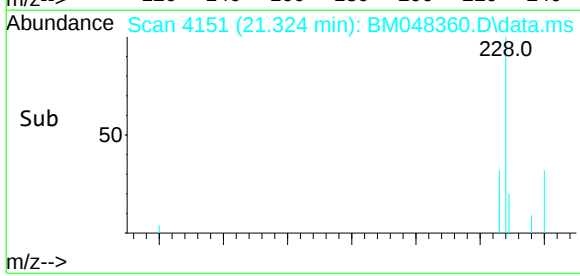
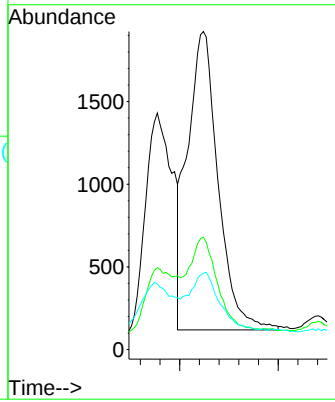
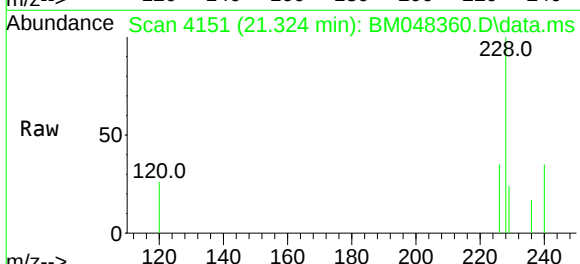
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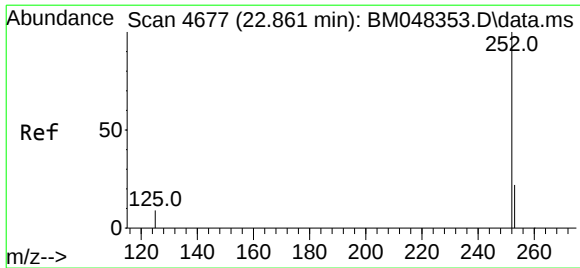
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 0.062 ng/ul m
RT: 21.324 min Scan# 4151
Delta R.T. -0.003 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

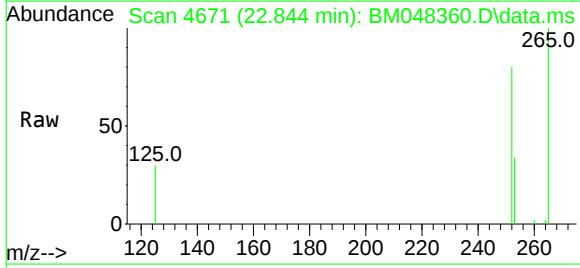
Tgt Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.1	36.1
229	24.0	15.9	23.9





#24
Benzo(b)fluoranthene
Concen: 0.162 ng/ul m
RT: 22.844 min Scan# 4673
Delta R.T. -0.017 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

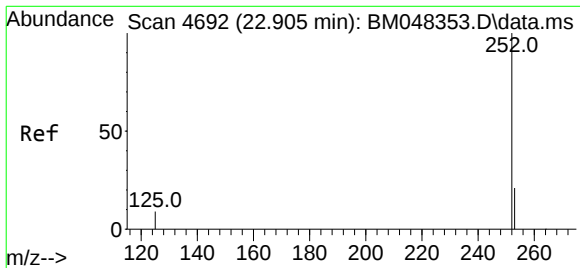
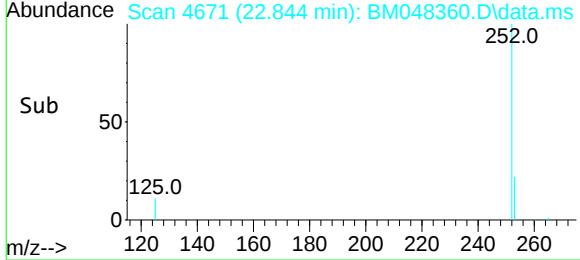
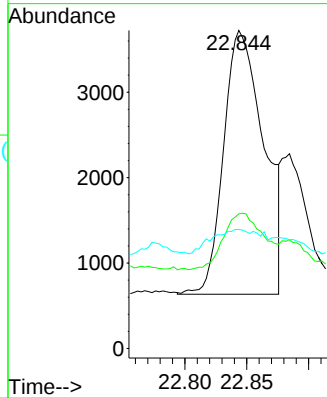
Instrument :
BNA_M
ClientSampleId :
F7H27



Tgt Ion	Ratio	Lower	Upper
252	100		
253	42.3	0.0	59.4
125	37.4	0.0	38.0

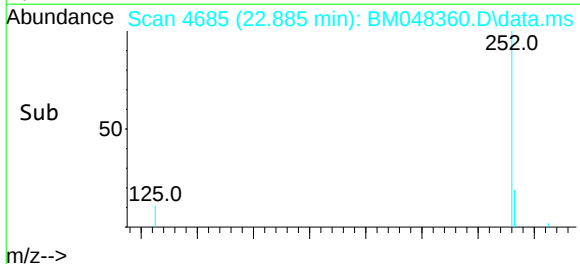
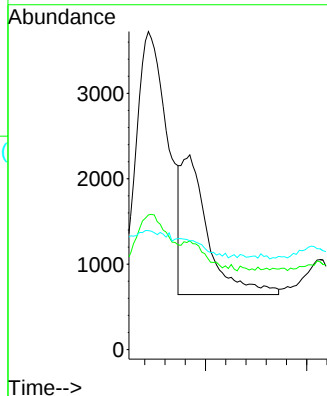
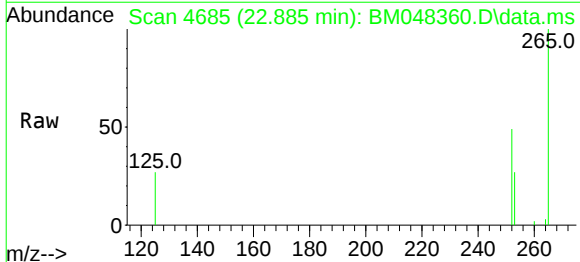
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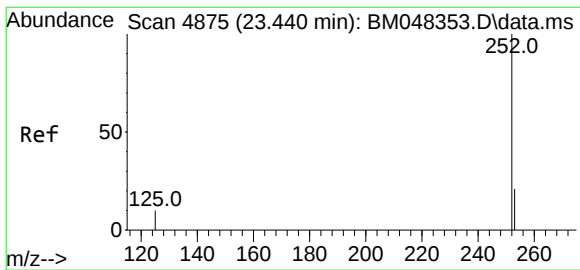
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.060 ng/ul m
RT: 22.885 min Scan# 4685
Delta R.T. -0.020 min
Lab File: BM048360.D
Acq: 31 Oct 2024 16:35

Tgt Ion	Ratio	Lower	Upper
252	100		
253	55.8	23.4	35.0#
125	55.8	15.3	22.9#





#26

Benzo(a)pyrene

Concen: 0.061 ng/ul

RT: 23.414 min Scan# 48

Delta R.T. -0.026 min

Lab File: BM048360.D

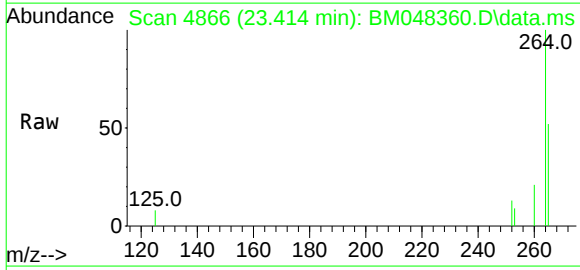
Acq: 31 Oct 2024 16:35

Instrument :

BNA_M

ClientSampleId :

F7H27



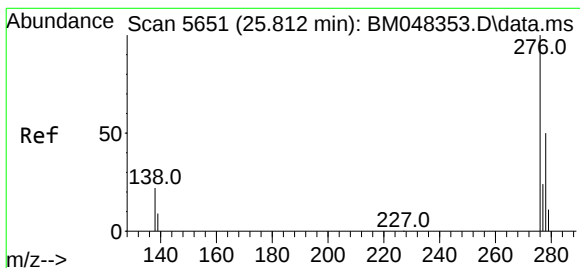
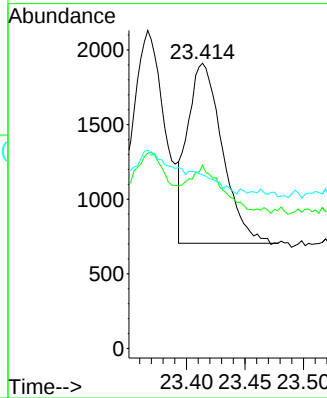
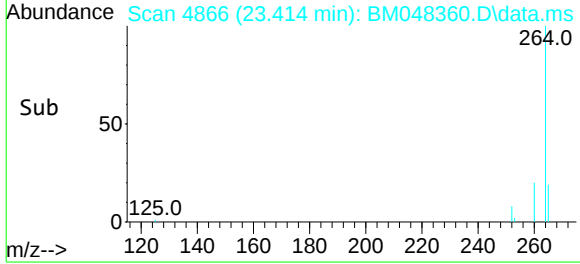
Tgt Ion	Ratio	Lower	Upper
252	100		
253	64.3	27.7	41.5#
125	60.9	21.1	31.7#

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2024



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.050 ng/ul

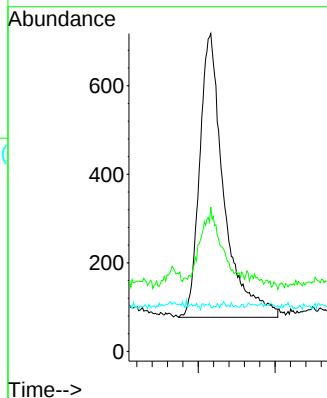
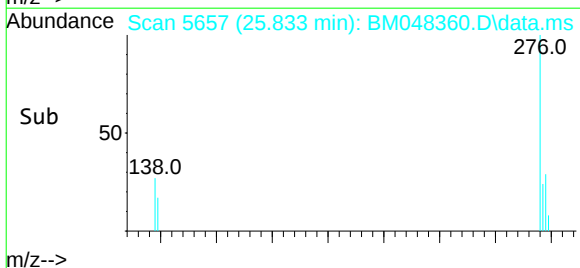
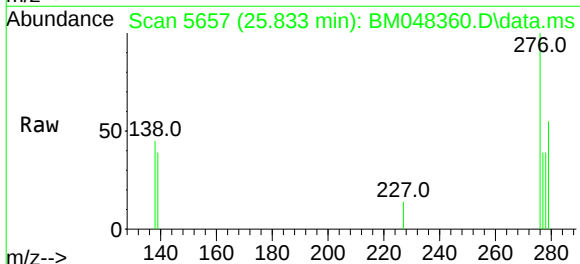
RT: 25.833 min Scan# 5657

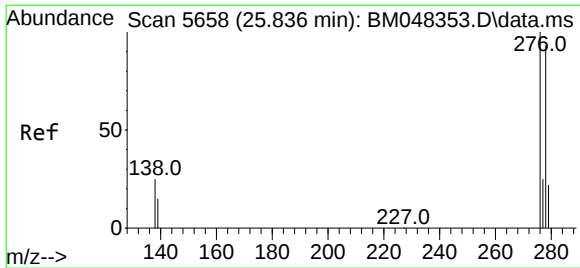
Delta R.T. 0.020 min

Lab File: BM048360.D

Acq: 31 Oct 2024 16:35

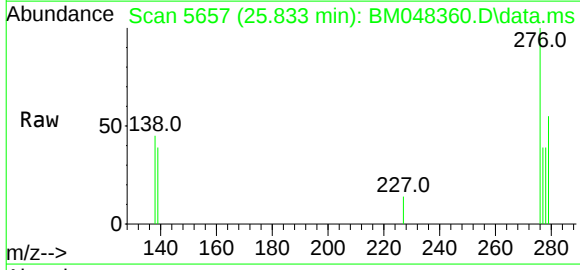
Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	19.6	29.4
227	0.2	0.1	0.1#





#28
 Dibenzo(a,h)anthracene
 Concen: 0.024 ng/ul
 RT: 25.833 min Scan# 5657
 Delta R.T. -0.003 min
 Lab File: BM048360.D
 Acq: 31 Oct 2024 16:35

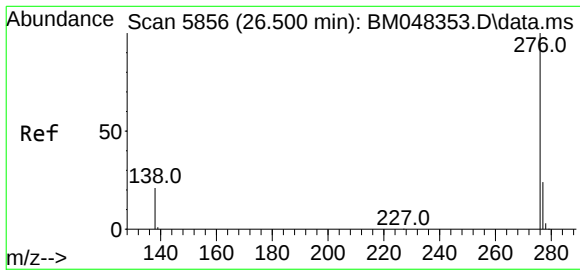
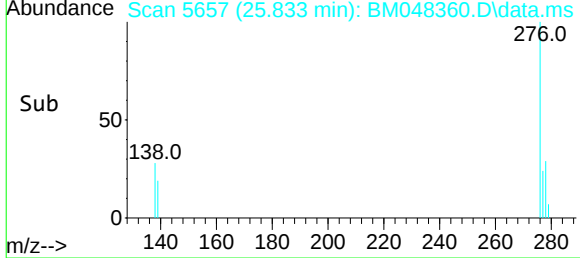
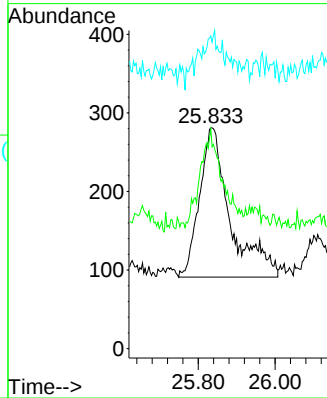
Instrument :
 BNA_M
 ClientSampleId :
 F7H27



Tgt Ion:	278	Resp:	1054
Ion	Ratio	Lower	Upper
278	100		
139	99.3	15.6	23.4#
279	141.6	26.4	39.6#

Manual Integrations
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 Supervised By :mohammad ahmed 11/04/2024



#29
 Benzo(g,h,i)perylene
 Concen: 0.056 ng/ul
 RT: 26.523 min Scan# 5863
 Delta R.T. 0.024 min
 Lab File: BM048360.D
 Acq: 31 Oct 2024 16:35

Tgt Ion:	276	Resp:	2654
Ion	Ratio	Lower	Upper
276	100		
138	40.3	19.0	28.6#
277	37.2	20.6	31.0#

