

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048387.D
 Acq On : 01 Nov 2024 10:08
 Operator : RC/JU
 Sample : P4592-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H07

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 21:48:45 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	7.708	152	4596	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.491	136	14987	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.349	164	8099	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.095	188	16332m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.286	240	13507m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	11124m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	20664	3.661	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.119	152	4948	0.260	ng/ul	-0.02
18) Fluoranthene-d10	19.123	212	11501	0.335	ng/ul	-0.01
Target Compounds						
					Qvalue	
19) Fluoranthene	19.155	202	5001	0.107	ng/ul#	93
20) Pyrene	19.513	202	9181m	0.184	ng/ul	
21) Benzo(a)anthracene	21.274	228	3715m	0.092	ng/ul	
22) Chrysene	21.321	228	4365m	0.078	ng/ul	
24) Benzo(b)fluoranthene	22.838	252	9354m	0.246	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	3434m	0.076	ng/ul	
26) Benzo(a)pyrene	23.408	252	3620	0.101	ng/ul#	67
27) Indeno(1,2,3-cd)pyrene	25.822	276	2919	0.058	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.832	278	827	0.021	ng/ul#	1
29) Benzo(g,h,i)perylene	26.510	276	2489	0.059	ng/ul#	74

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

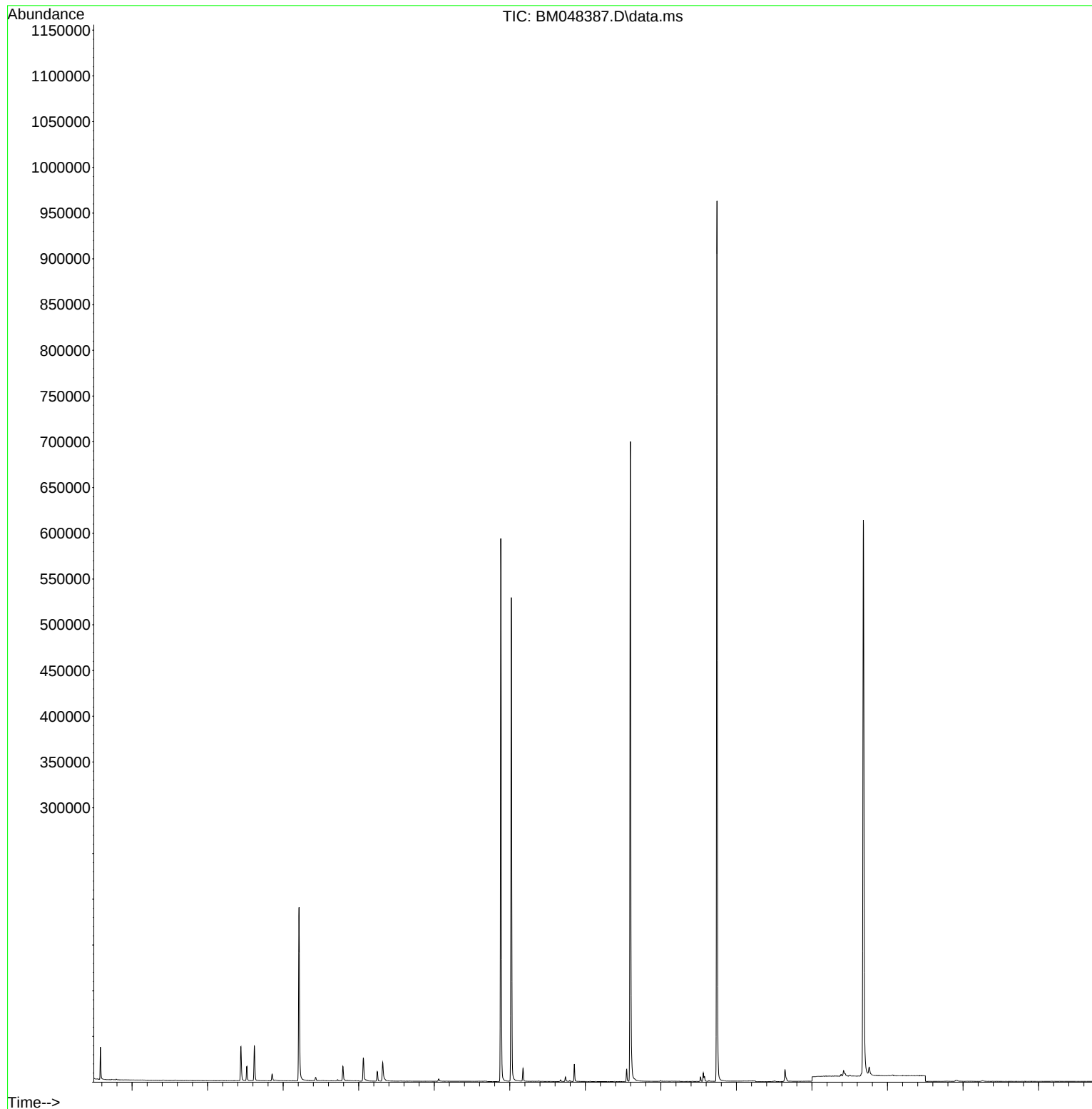
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048387.D
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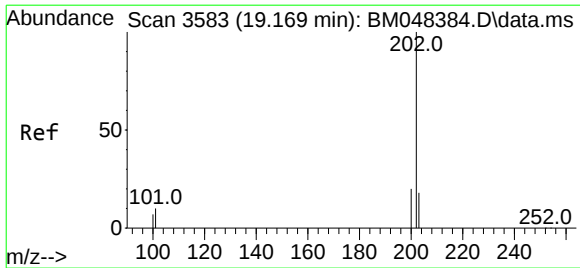
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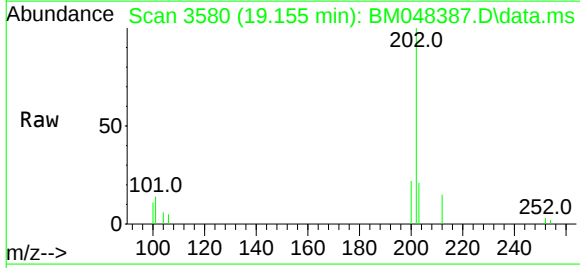
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#19
Fluoranthene
Concen: 0.107 ng/u1
RT: 19.155 min Scan# 3580
Delta R.T. -0.014 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

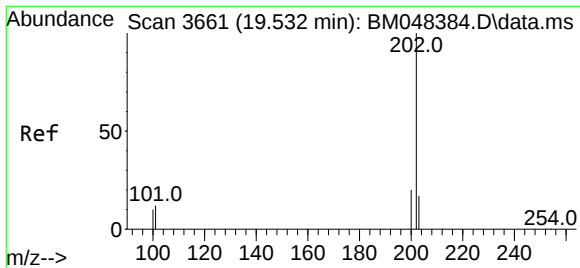
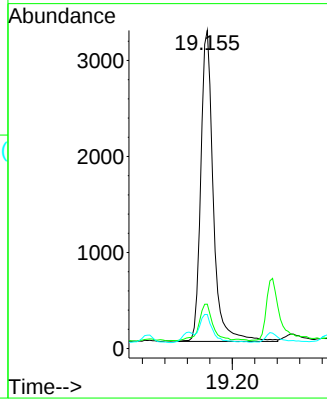
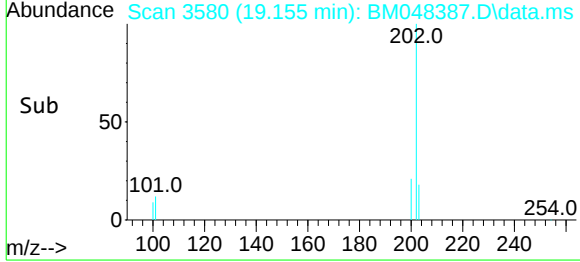
Instrument :
BNA_M
ClientSampleId :
F7H07



Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.0	13.4
100	10.7	6.6	10.0

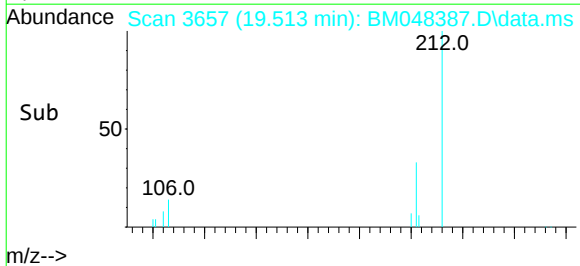
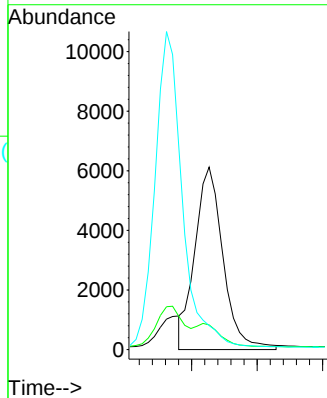
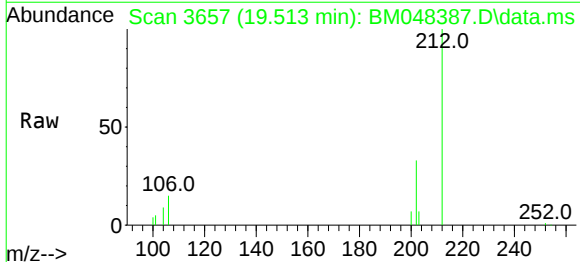
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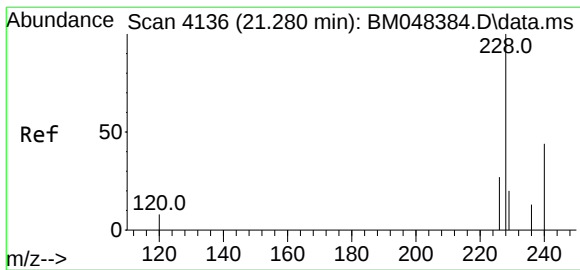
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
Pyrene
Concen: 0.184 ng/u1 m
RT: 19.513 min Scan# 3657
Delta R.T. -0.019 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

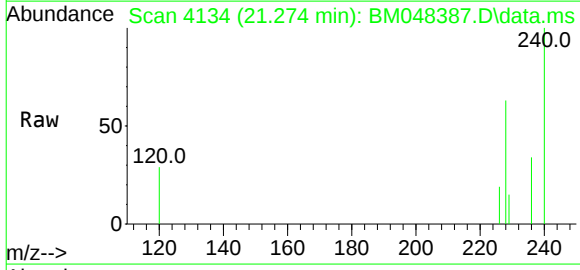
Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.0	15.0
100	13.2	8.0	12.0





#21
Benzo(a)anthracene
Concen: 0.092 ng/ul m
RT: 21.274 min Scan# 41
Delta R.T. -0.006 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

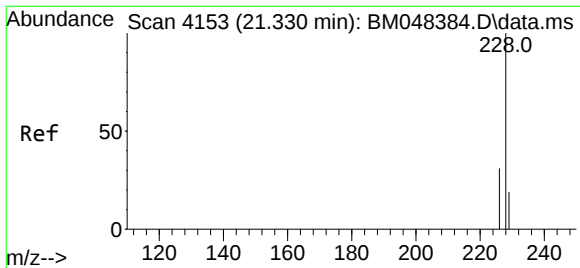
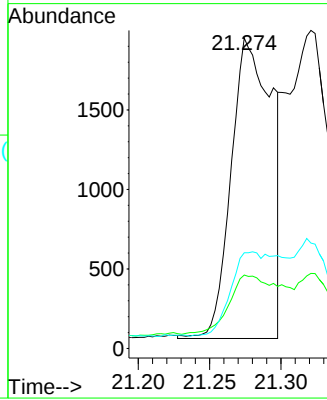
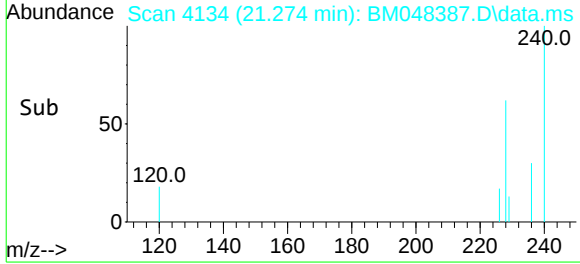
Instrument :
BNA_M
ClientSampleId :
F7H07



Tgt Ion:228 Resp: 3715
Ion Ratio Lower Upper
228 100
229 23.7 15.9 23.9
226 30.8 22.1 33.1

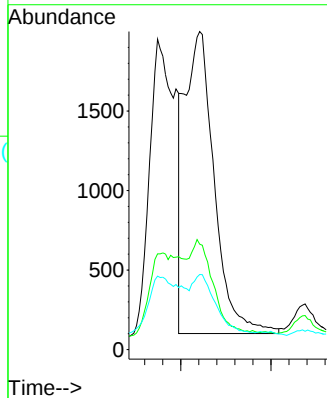
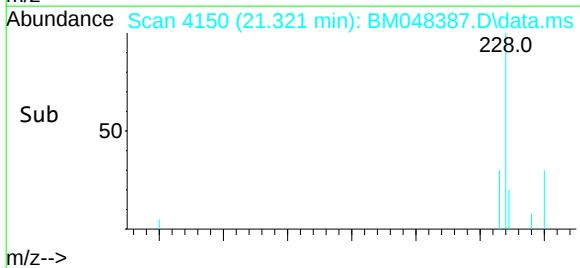
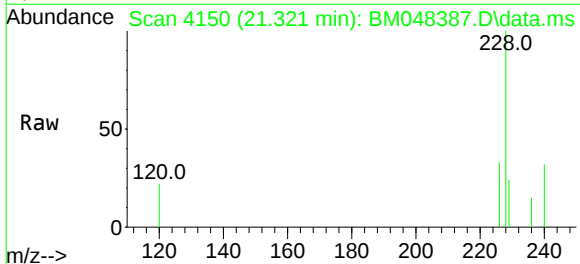
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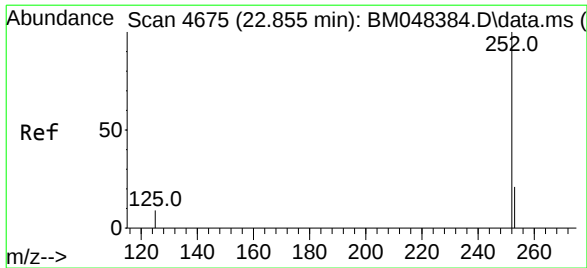
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#22
Chrysene
Concen: 0.078 ng/ul m
RT: 21.321 min Scan# 4150
Delta R.T. -0.006 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

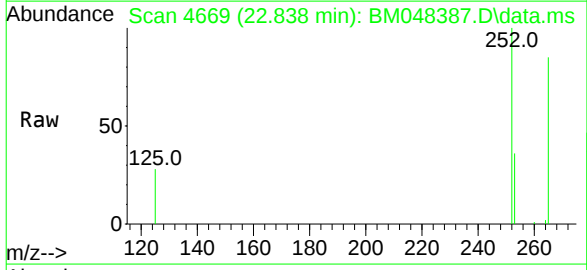
Tgt Ion:228 Resp: 4365
Ion Ratio Lower Upper
228 100
226 33.1 24.1 36.1
229 23.6 15.9 23.9





#24
Benzo(b)fluoranthene
Concen: 0.246 ng/u1 m
RT: 22.838 min Scan# 46
Delta R.T. -0.023 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

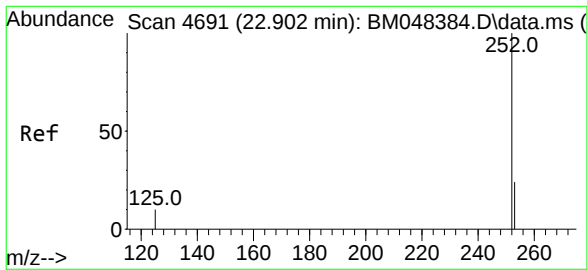
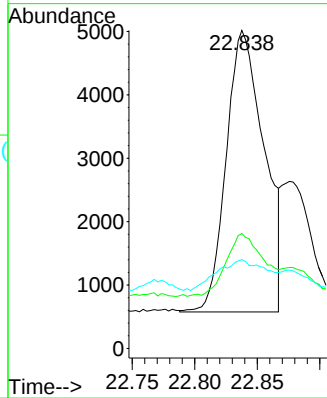
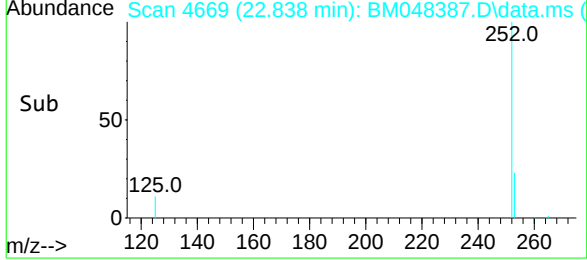
Instrument :
BNA_M
ClientSampleId :
F7H07



Tgt	Ion:252	Resp:	9354
Ion	Ratio	Lower	Upper
252	100		
253	36.1	0.0	59.4
125	27.9	0.0	38.0

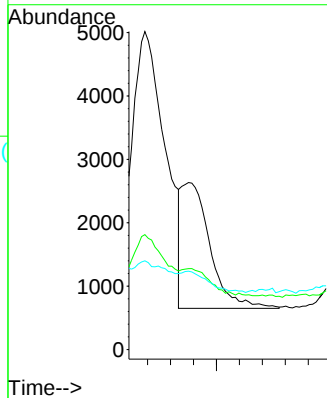
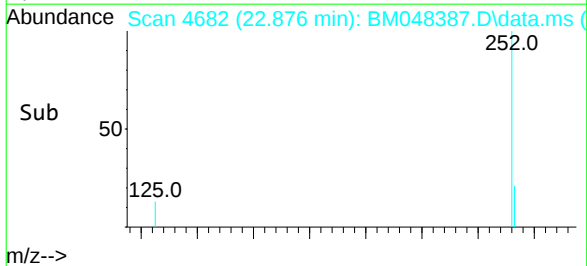
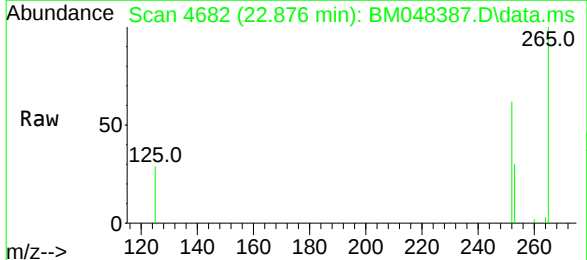
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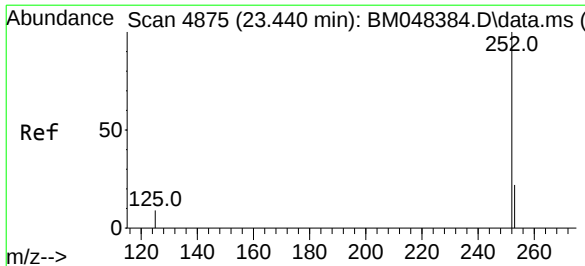
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#25
Benzo(k)fluoranthene
Concen: 0.076 ng/u1 m
RT: 22.876 min Scan# 4682
Delta R.T. -0.029 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

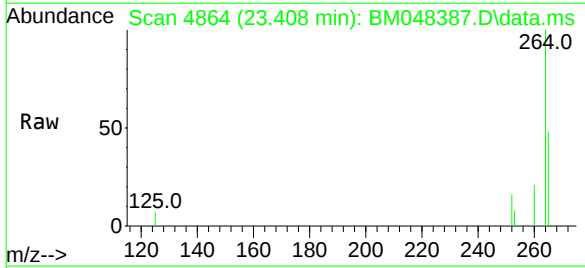
Tgt	Ion:252	Resp:	3434
Ion	Ratio	Lower	Upper
252	100		
253	48.4	23.4	35.0#
125	46.9	15.3	22.9#





#26
Benzo(a)pyrene
Concen: 0.101 ng/u1
RT: 23.408 min Scan# 4875
Delta R.T. -0.032 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

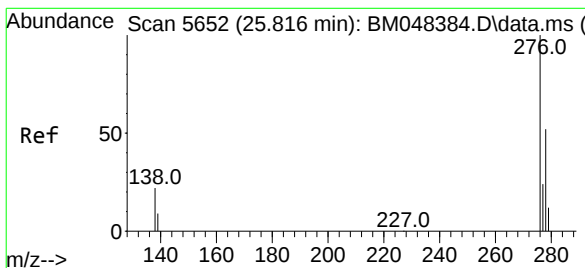
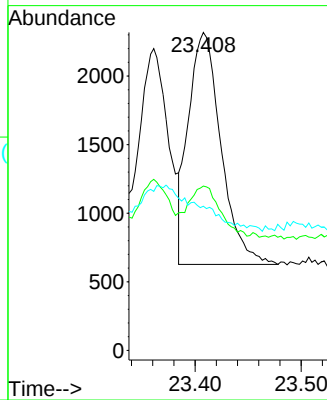
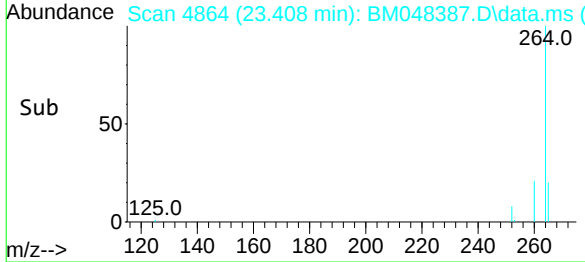
Instrument :
BNA_M
ClientSampleId :
F7H07



Tgt Ion:	252	Resp:	3620
Ion Ratio	Lower	Upper	
252	100		
253	51.7	27.7	41.5#
125	45.3	21.1	31.7#

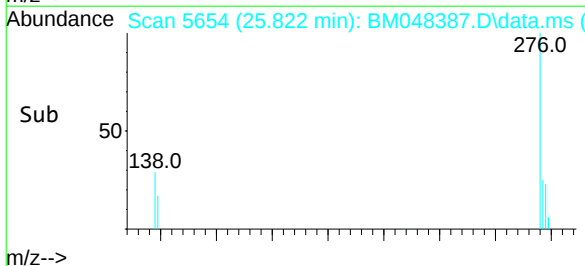
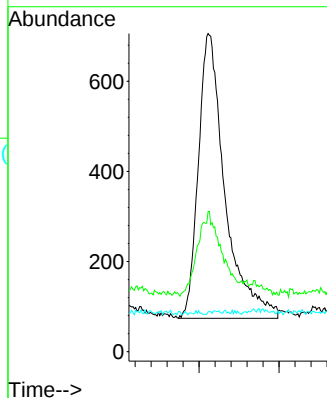
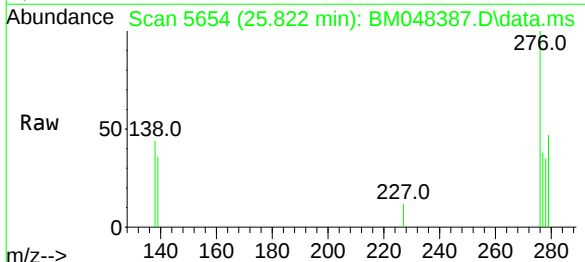
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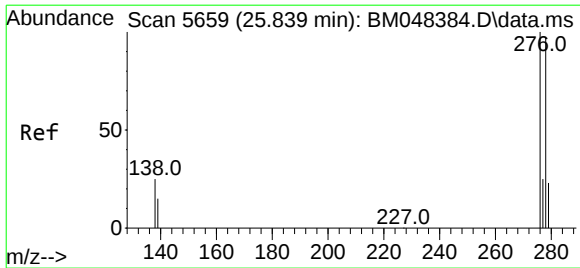
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.058 ng/u1
RT: 25.822 min Scan# 5654
Delta R.T. 0.010 min
Lab File: BM048387.D
Acq: 01 Nov 2024 10:08

Tgt Ion:	276	Resp:	2919
Ion Ratio	Lower	Upper	
276	100		
138	29.1	19.6	29.4
227	0.1	0.1	0.1#





#28

Dibenzo(a,h)anthracene

Concen: 0.021 ng/u1

RT: 25.832 min Scan# 5657

Delta R.T. -0.003 min

Lab File: BM048387.D

Acq: 01 Nov 2024 10:08

Instrument :

BNA_M

ClientSampleId :

F7H07

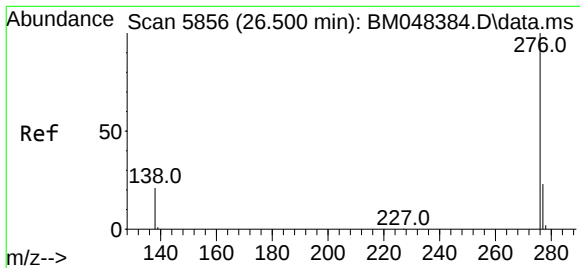
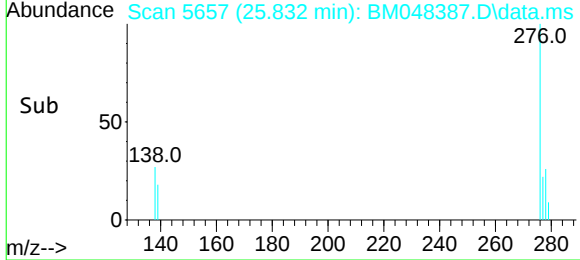
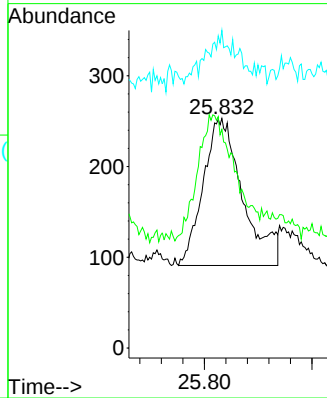
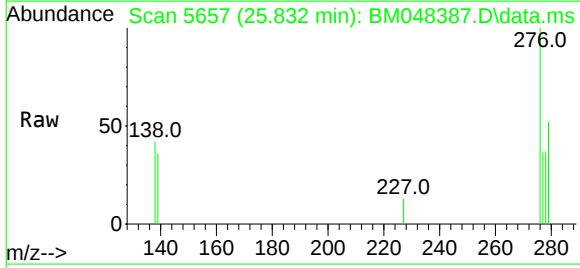
Tgt Ion:	278	Resp:	827
Ion	Ratio	Lower	Upper
278	100		
139	95.3	15.6	23.4#
279	138.3	26.4	39.6#

Manual Integrations

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Supervised By :mohammad ahmed 11/04/2024



#29

Benzo(g,h,i)perylene

Concen: 0.059 ng/u1

RT: 26.510 min Scan# 5859

Delta R.T. 0.010 min

Lab File: BM048387.D

Acq: 01 Nov 2024 10:08

Tgt Ion:	276	Resp:	2489
Ion	Ratio	Lower	Upper
276	100		
138	37.4	19.0	28.6#
277	38.0	20.6	31.0#

