

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048389.D
 Acq On : 01 Nov 2024 11:21
 Operator : RC/JU
 Sample : P4592-08
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H08

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 21:49:01 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	4574	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	14448	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.348	164	7752	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.094	188	15531m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240	12173m	0.400	ng/ul	0.00
23) Perylene-d12	23.519	264	10074m	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	17520	3.119	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	3775	0.205	ng/ul	-0.02
18) Fluoranthene-d10	19.122	212	8608	0.279	ng/ul	-0.02
Target Compounds						
					Qvalue	
11) Acenaphthene	14.413	153	753	0.031	ng/ul	95
19) Fluoranthene	19.154	202	4945	0.118	ng/ul#	93
20) Pyrene	19.512	202	8129m	0.180	ng/ul	
21) Benzo(a)anthracene	21.278	228	4540	0.125	ng/ul#	92
22) Chrysene	21.324	228	3534	0.070	ng/ul	92
24) Benzo(b)fluoranthene	22.838	252	7222m	0.210	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	3109m	0.076	ng/ul	
26) Benzo(a)pyrene	23.408	252	2825	0.087	ng/ul#	57
27) Indeno(1,2,3-cd)pyrene	25.833	276	2174	0.048	ng/ul#	94
29) Benzo(g,h,i)perylene	26.521	276	1813	0.048	ng/ul#	58

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

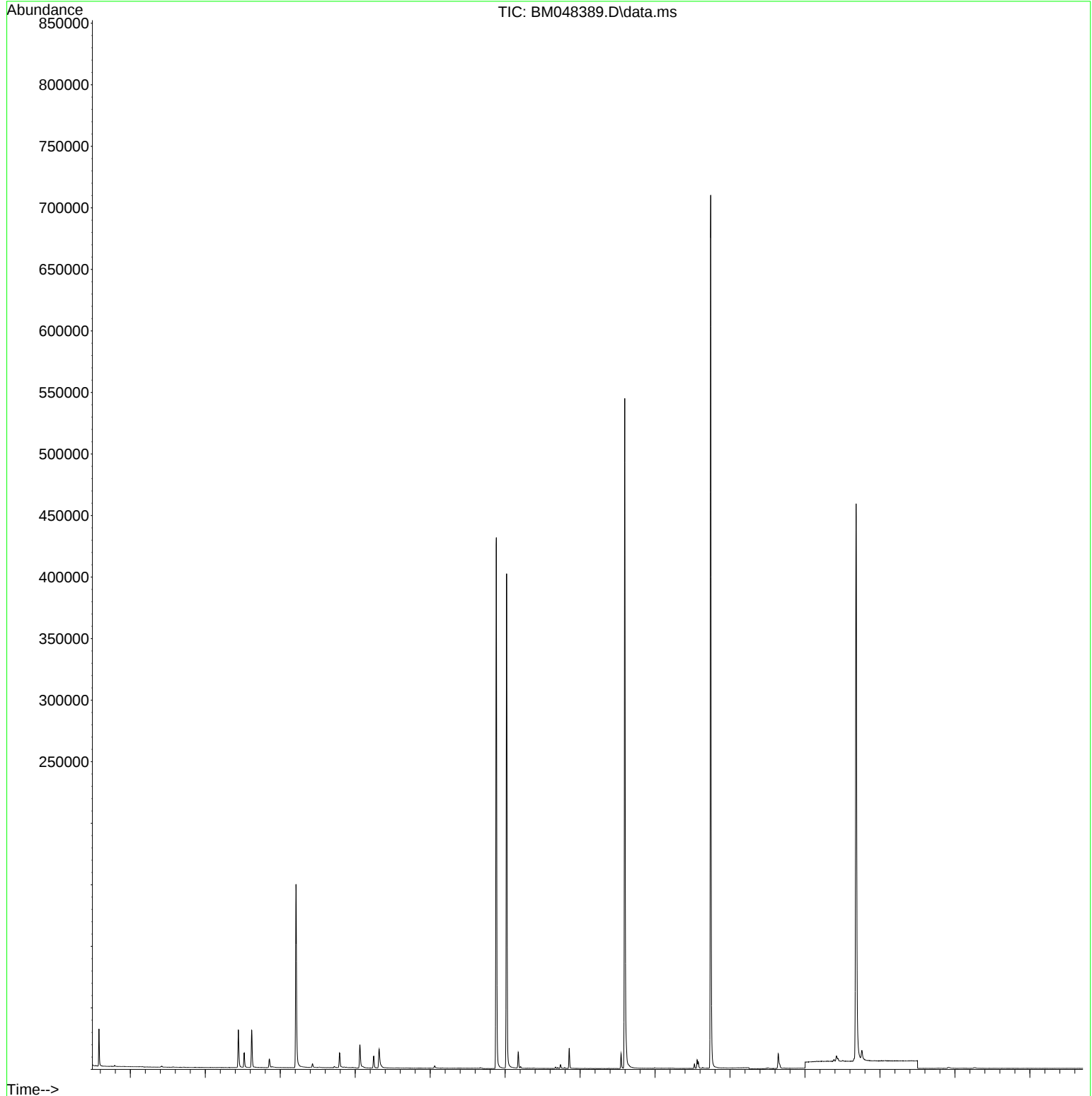
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048389.D
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ALS Vial : 42 Sample Multiplier: 1

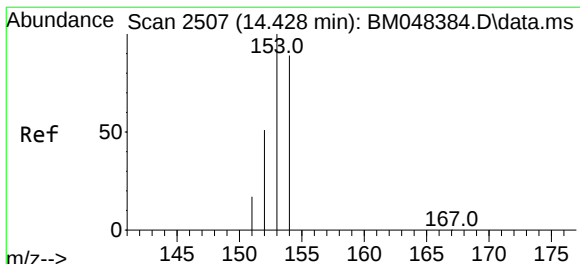
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#11
Acenaphthene
Concen: 0.031 ng/u1
RT: 14.413 min Scan# 2504
Delta R.T. -0.015 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

Instrument :

BNA_M

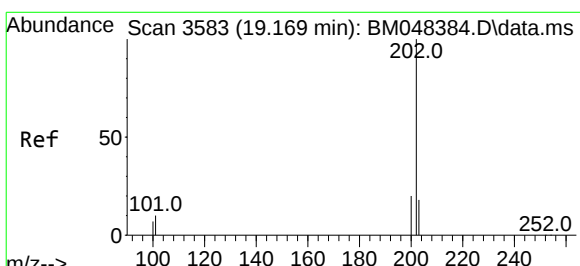
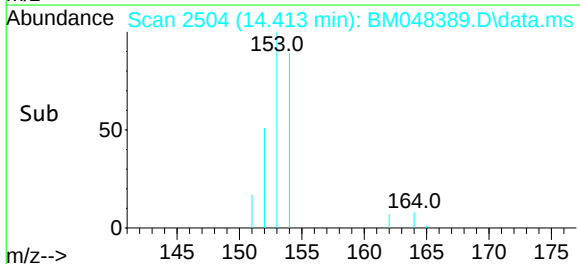
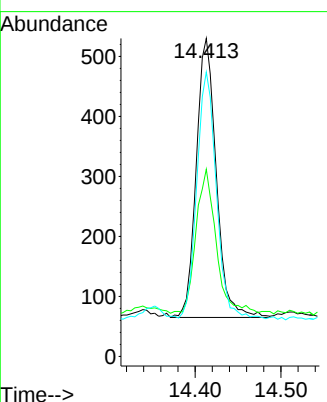
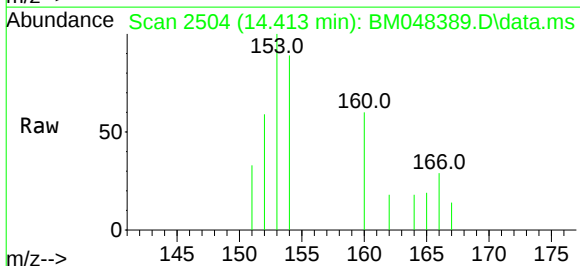
ClientSampleId :

F7H08

Tgt Ion:	153	Resp:	753
Ion Ratio	Lower	Upper	
153	100		
152	58.9	40.7	61.1
154	89.4	70.6	106.0

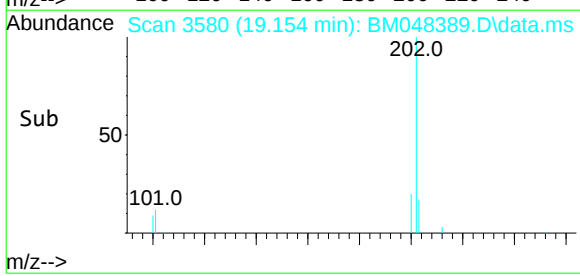
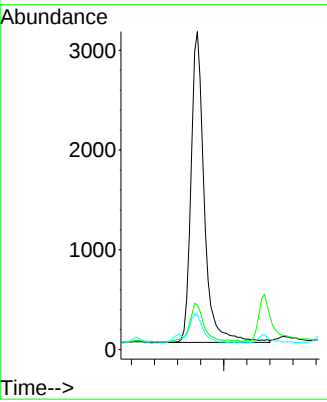
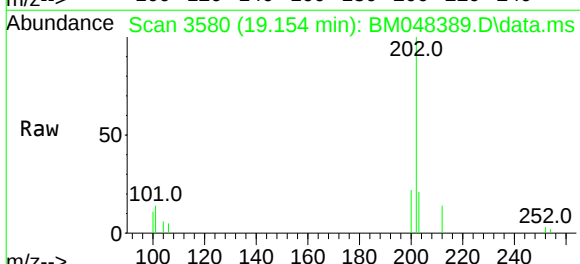
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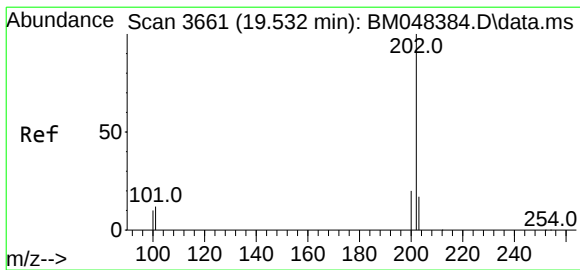
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#19
Fluoranthene
Concen: 0.118 ng/u1
RT: 19.154 min Scan# 3580
Delta R.T. -0.015 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

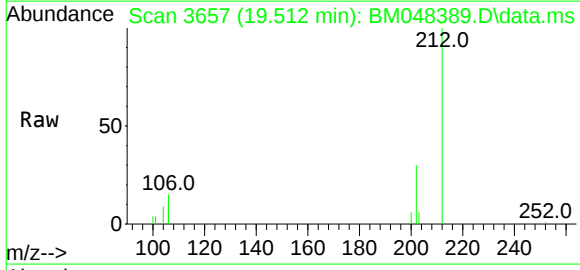
Tgt Ion:	202	Resp:	4945
Ion Ratio	Lower	Upper	
202	100		
101	14.1	9.0	13.4#
100	10.9	6.6	10.0#





#20
Pyrene
Concen: 0.180 ng/u1 m
RT: 19.512 min Scan# 36
Delta R.T. -0.020 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

Instrument :
BNA_M
ClientSampleId :
F7H08

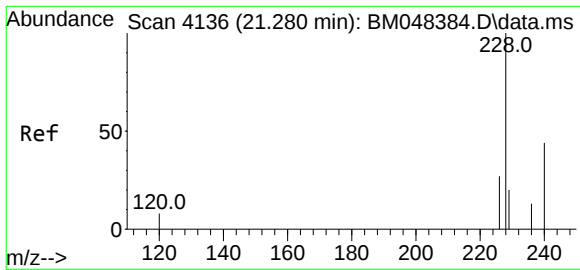
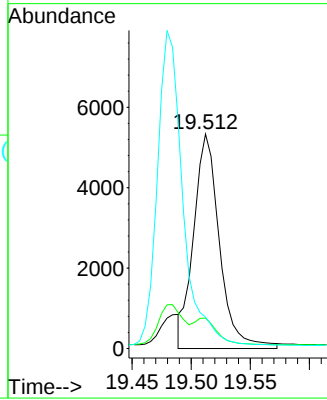
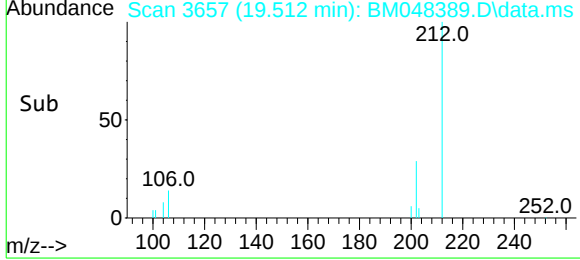


Tgt Ion:202 Resp: 8129

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.0	15.0
100	14.6	8.0	12.0

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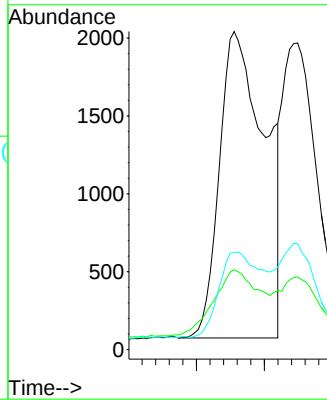
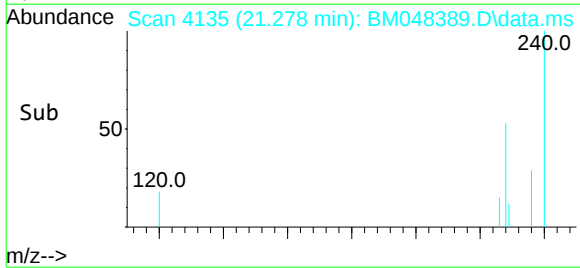
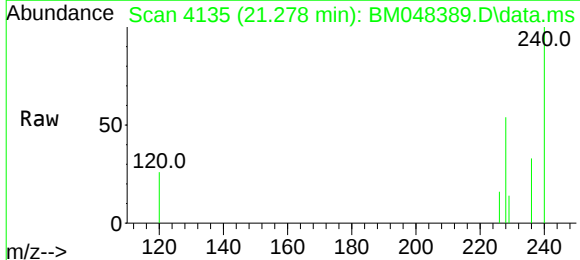
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

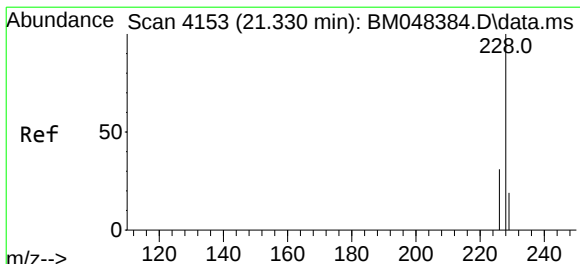


#21
Benzo(a)anthracene
Concen: 0.125 ng/u1
RT: 21.278 min Scan# 4135
Delta R.T. -0.002 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

Tgt Ion:228 Resp: 4540

Ion	Ratio	Lower	Upper
228	100		
229	25.1	15.9	23.9
226	30.6	22.1	33.1





#22

Chrysene

Concen: 0.070 ng/u1

RT: 21.324 min Scan# 41

Delta R.T. -0.002 min

Lab File: BM048389.D

Acq: 01 Nov 2024 11:21

Instrument :

BNA_M

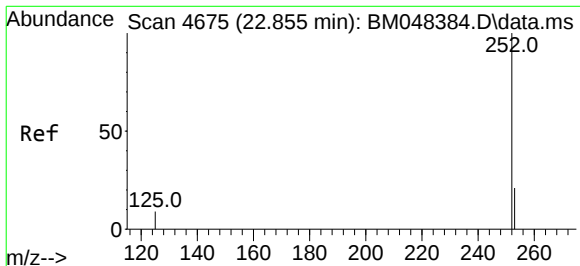
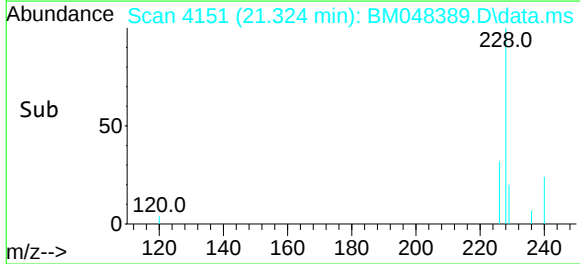
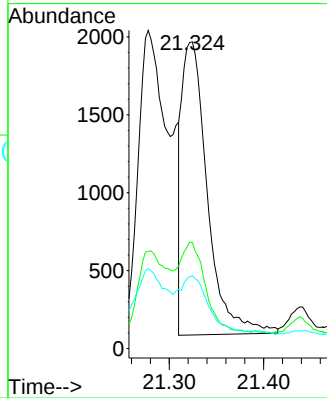
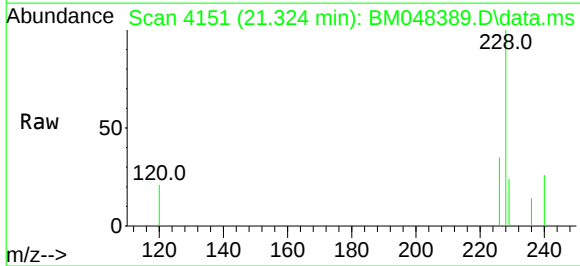
ClientSampleId :

F7H08

Tgt Ion:	228	Resp:	3534
Ion Ratio	Lower	Upper	
228	100		
226	34.5	24.1	36.1
229	23.7	15.9	23.9

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#24

Benzo(b)fluoranthene

Concen: 0.210 ng/u1 m

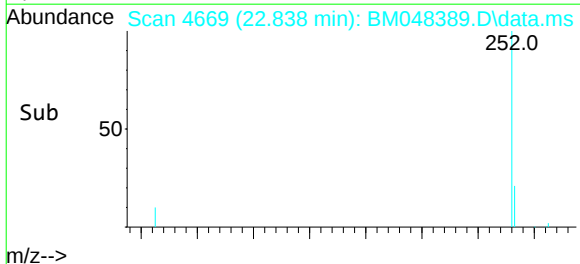
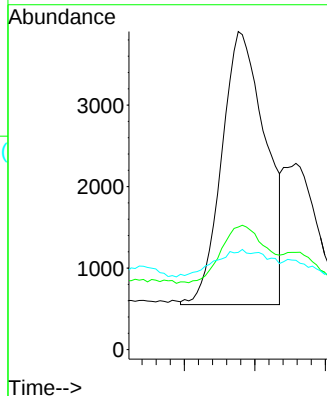
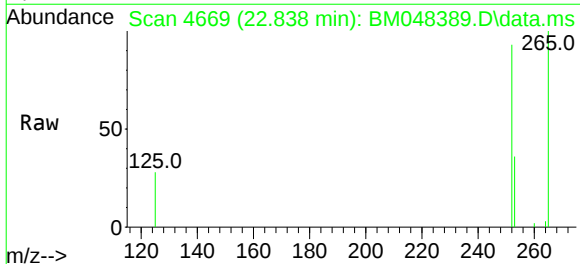
RT: 22.838 min Scan# 4669

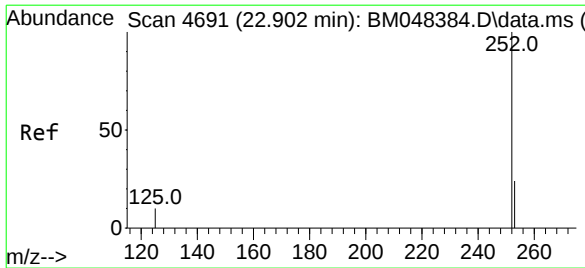
Delta R.T. -0.023 min

Lab File: BM048389.D

Acq: 01 Nov 2024 11:21

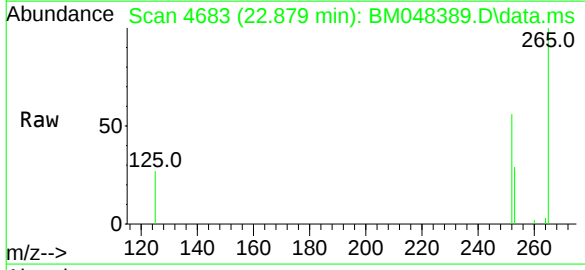
Tgt Ion:	252	Resp:	7222
Ion Ratio	Lower	Upper	
252	100		
253	38.5	0.0	59.4
125	30.6	0.0	38.0





#25
Benzo(k)fluoranthene
Concen: 0.076 ng/u1 m
RT: 22.879 min Scan# 46
Delta R.T. -0.026 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

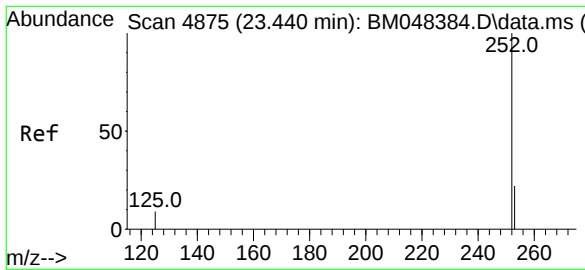
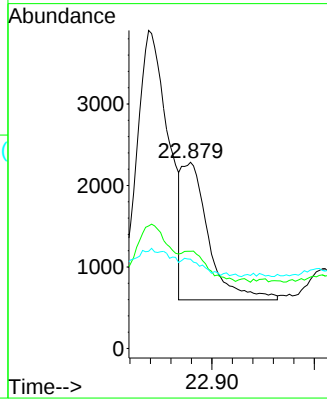
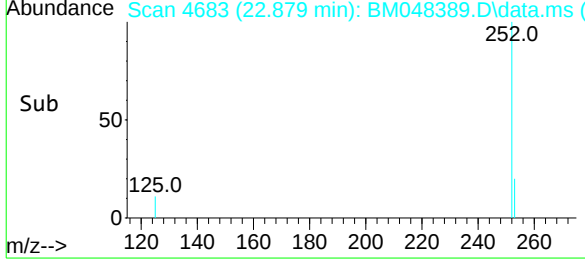
Instrument :
BNA_M
ClientSampleId :
F7H08



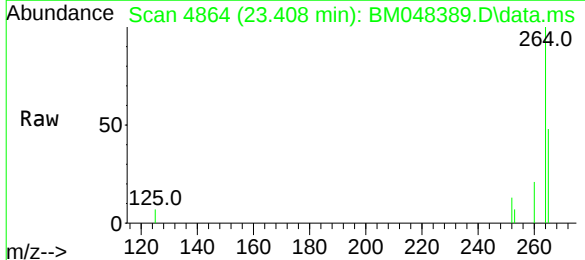
Tgt Ion:252 Resp: 3109
Ion Ratio Lower Upper
252 100
253 52.2 23.4 35.0#
125 48.0 15.3 22.9#

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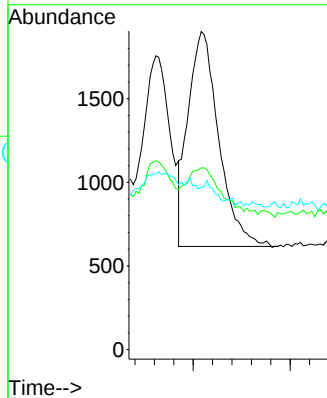
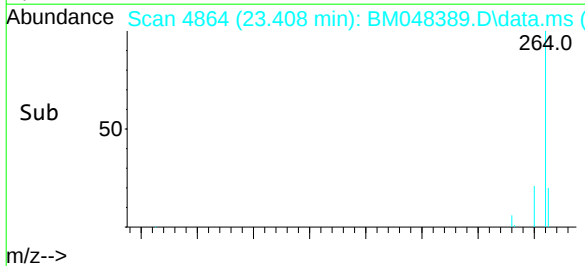
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

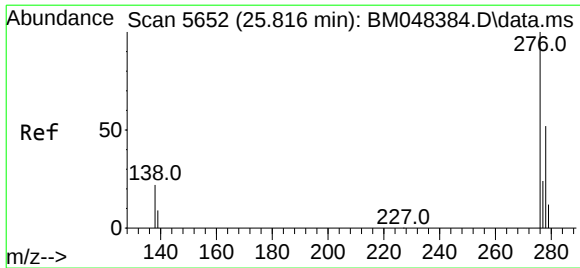


#26
Benzo(a)pyrene
Concen: 0.087 ng/u1
RT: 23.408 min Scan# 4864
Delta R.T. -0.032 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21



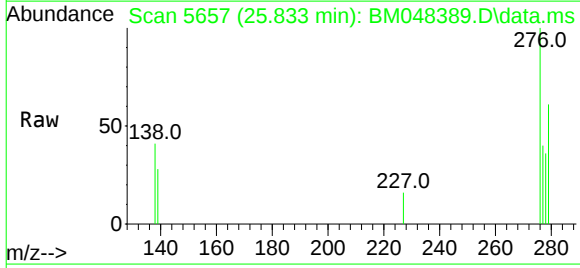
Tgt Ion:252 Resp: 2825
Ion Ratio Lower Upper
252 100
253 57.1 27.7 41.5#
125 51.2 21.1 31.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.048 ng/ul
RT: 25.833 min Scan# 561
Delta R.T. 0.021 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21

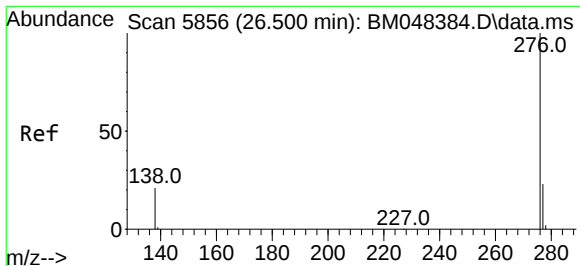
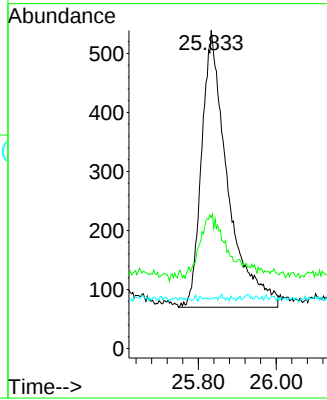
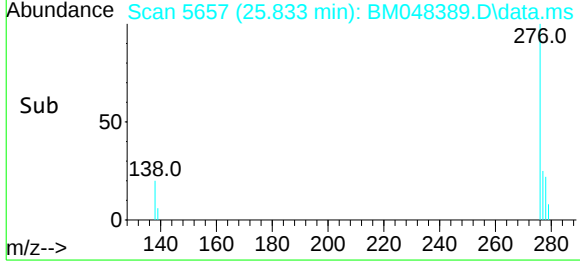
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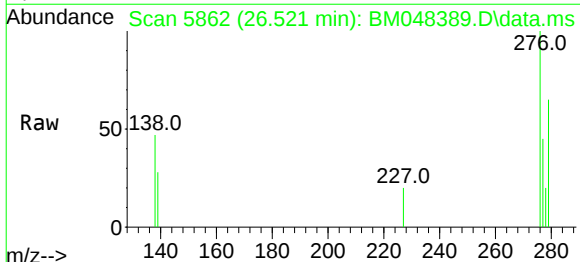
Tgt Ion:	276	Resp:	2174
Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.6	29.4
227	0.2	0.1	0.1#

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Supervised By :mohammad ahmed 11/04/2024



#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 26.521 min Scan# 5862
Delta R.T. 0.021 min
Lab File: BM048389.D
Acq: 01 Nov 2024 11:21



Tgt Ion:	276	Resp:	1813
Ion	Ratio	Lower	Upper
276	100		
138	46.6	19.0	28.6#
277	44.6	20.6	31.0#

