

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048376.D
 Acq On : 01 Nov 2024 02:52
 Operator : RC/JU
 Sample : P4530-16
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H43

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 07:05:03 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	4493	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	14349	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.353	164	7772	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.093	188	15824m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240	13763m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	11681m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	22541	4.085	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.117	152	5200	0.285	ng/ul	-0.02
18) Fluoranthene-d10	19.126	212	11697	0.335	ng/ul	-0.01
Target Compounds						
					Qvalue	
19) Fluoranthene	19.154	202	1491	0.031	ng/ul#	36
20) Pyrene	19.512	202	2022	0.040	ng/ul#	63
21) Benzo(a)anthracene	21.283	228	1298	0.031	ng/ul#	78
22) Chrysene	21.327	228	1506	0.027	ng/ul#	85
24) Benzo(b)fluoranthene	22.841	252	2629m	0.066	ng/ul	
25) Benzo(k)fluoranthene	22.879	252	1233m	0.026	ng/ul	
26) Benzo(a)pyrene	23.411	252	932	0.025	ng/ul#	4
27) Indeno(1,2,3-cd)pyrene	25.833	276	1193	0.023	ng/ul#	75
29) Benzo(g,h,i)perylene	26.520	276	1123	0.025	ng/ul#	36

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

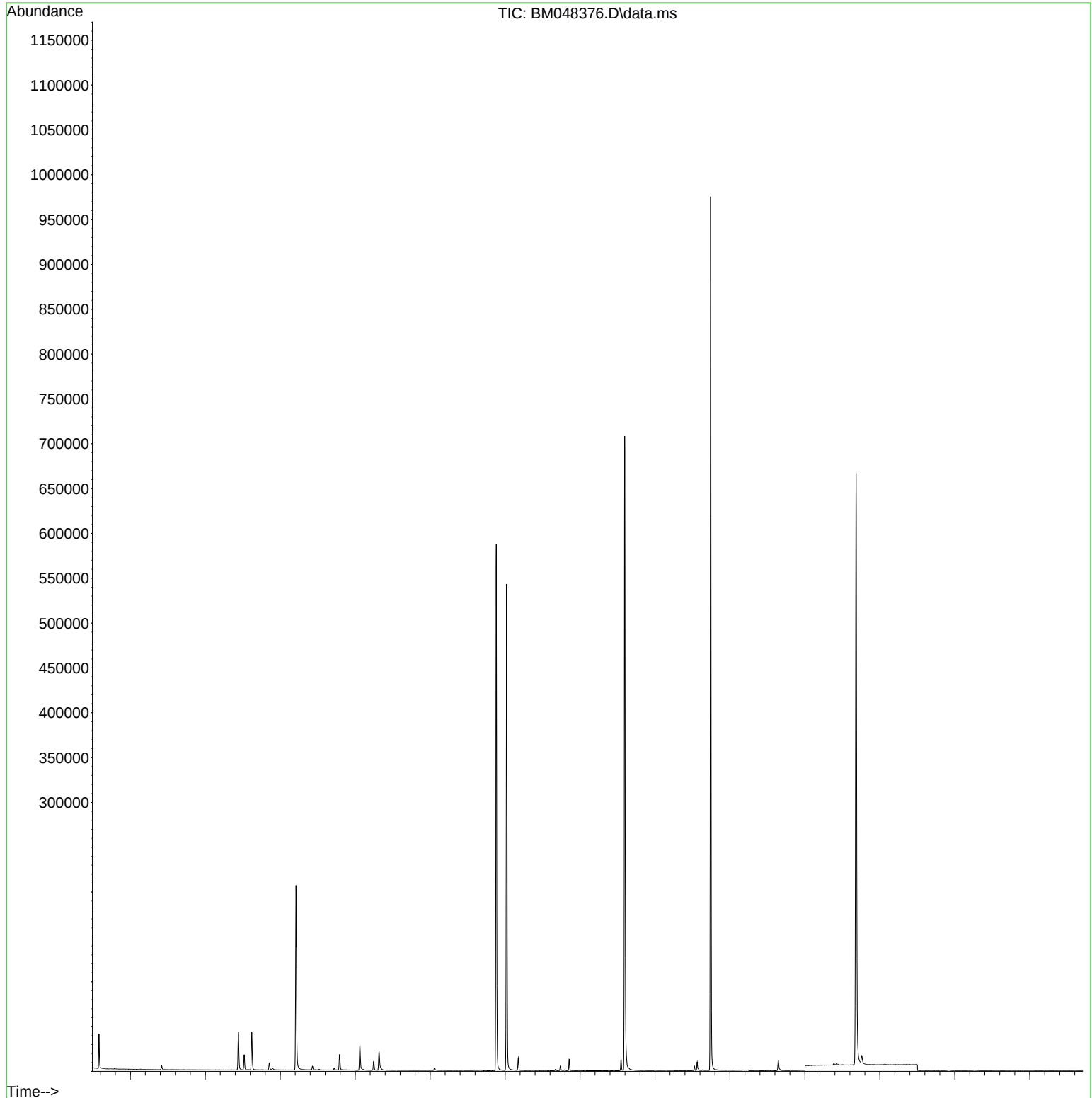
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
Data File : BM048376.D
Acq On : 01 Nov 2024 02:52
Operator : RC/JU
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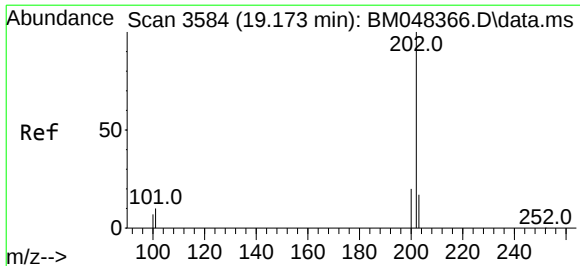
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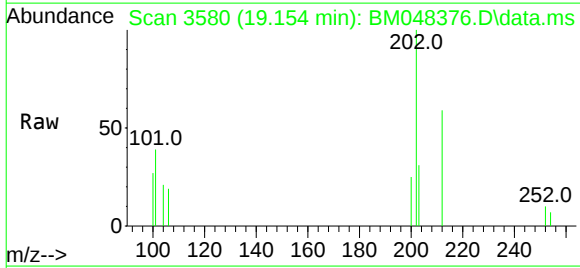
Quant Time: Nov 03 07:05:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 14:58:12 2024
Response via : Initial Calibration





#19
Fluoranthene
Concen: 0.031 ng/u1
RT: 19.154 min Scan# 3580
Delta R.T. -0.015 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52

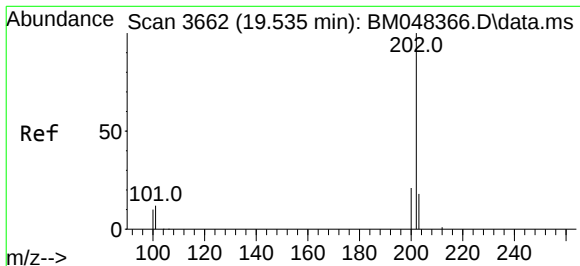
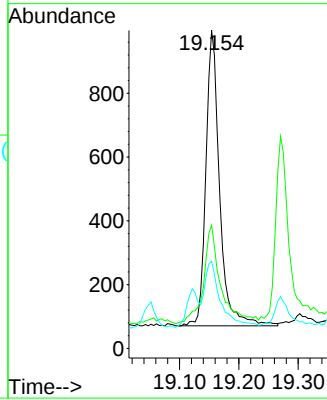
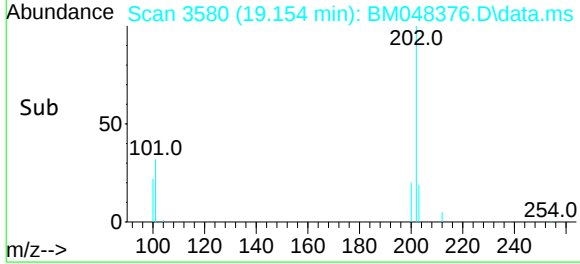
Instrument :
BNA_M
ClientSampleId :
F7H43



Tgt Ion	Ratio	Lower	Upper
202	100		
101	38.8	9.0	13.4
100	27.4	6.6	10.0

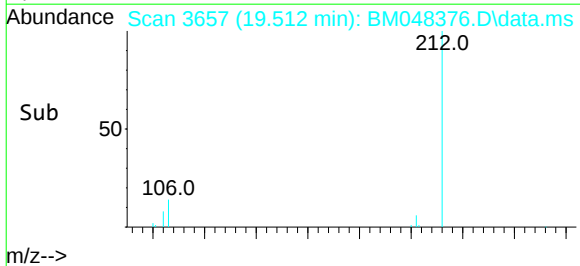
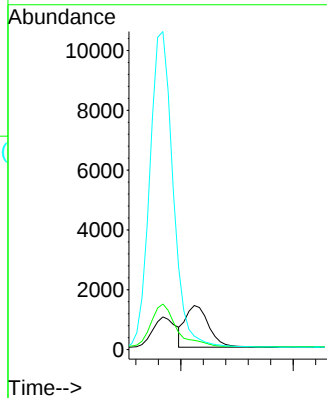
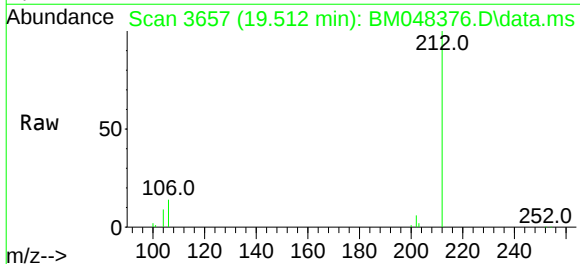
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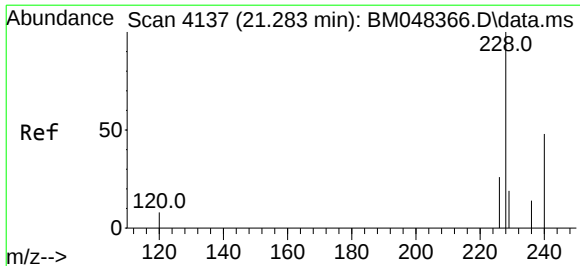
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#20
Pyrene
Concen: 0.040 ng/u1
RT: 19.512 min Scan# 3657
Delta R.T. -0.020 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52

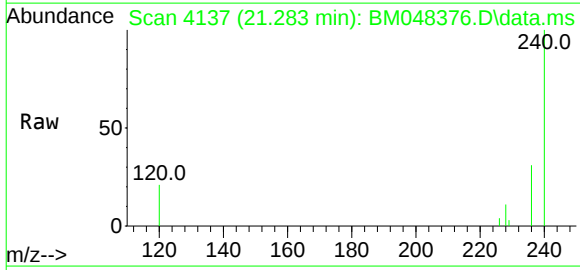
Tgt Ion	Ratio	Lower	Upper
202	100		
101	21.1	10.0	15.0
100	30.7	8.0	12.0





#21
Benzo(a)anthracene
Concen: 0.031 ng/u1
RT: 21.283 min Scan# 4137
Delta R.T. 0.003 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52

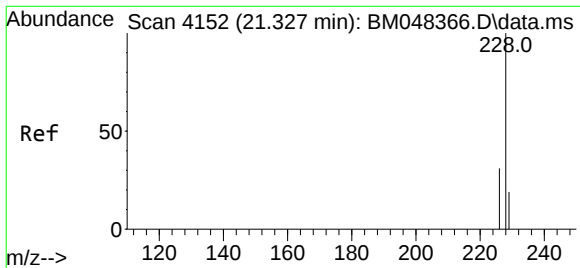
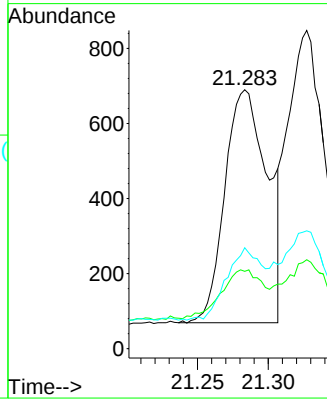
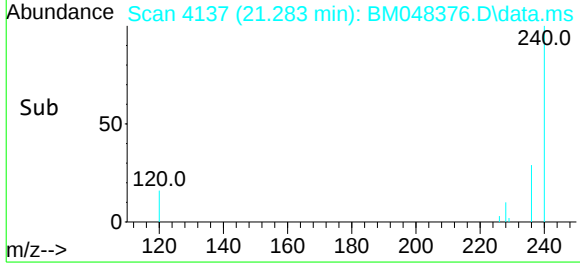
Instrument :
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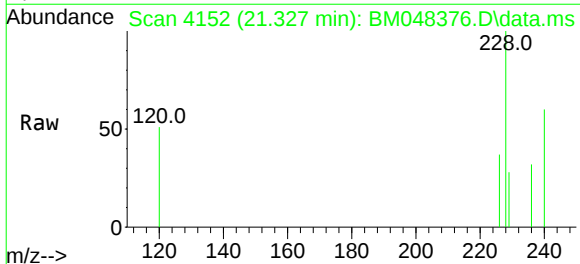
Tgt Ion:	228	Resp:	1298
Ion Ratio	Lower	Upper	
228	100		
229	29.9	15.9	23.9#
226	39.0	22.1	33.1#

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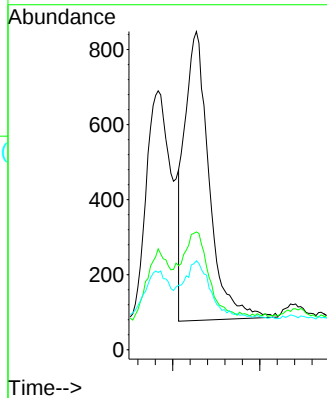
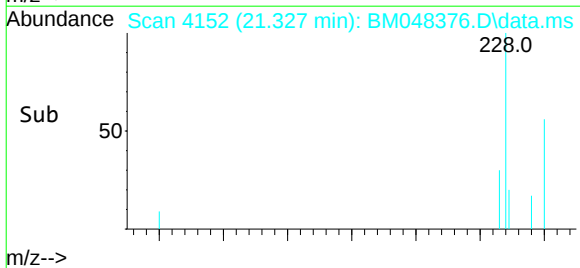
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024

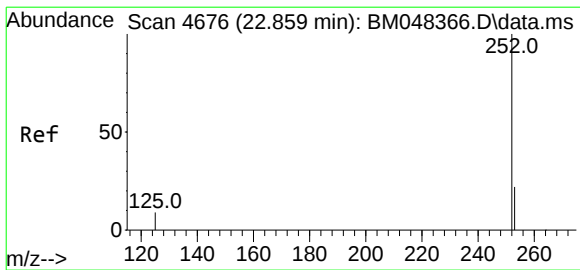


#22
Chrysene
Concen: 0.027 ng/u1
RT: 21.327 min Scan# 4152
Delta R.T. 0.000 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52



Tgt Ion:	228	Resp:	1506
Ion Ratio	Lower	Upper	
228	100		
226	37.0	24.1	36.1#
229	27.9	15.9	23.9#





#24

Benzo(b)fluoranthene

Concen: 0.066 ng/u1 m

RT: 22.841 min Scan# 46

Delta R.T. -0.020 min

Lab File: BM048376.D

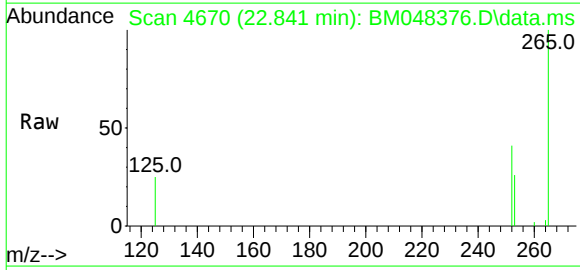
Acq: 01 Nov 2024 02:52

Instrument :

BNA_M

ClientSampleId :

F7H43



Tgt Ion:252 Resp: 2629

Ion Ratio Lower Upper

252 100

253 62.2 0.0 59.4#

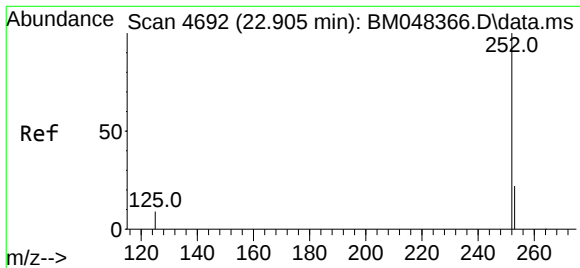
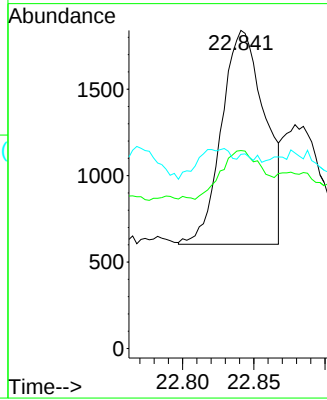
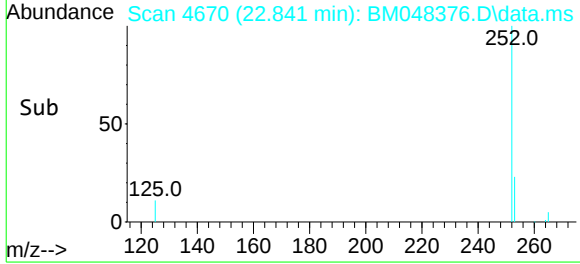
125 61.0 0.0 38.0#

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#25

Benzo(k)fluoranthene

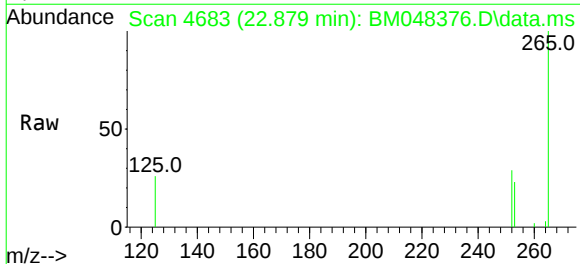
Concen: 0.026 ng/u1 m

RT: 22.879 min Scan# 4683

Delta R.T. -0.026 min

Lab File: BM048376.D

Acq: 01 Nov 2024 02:52



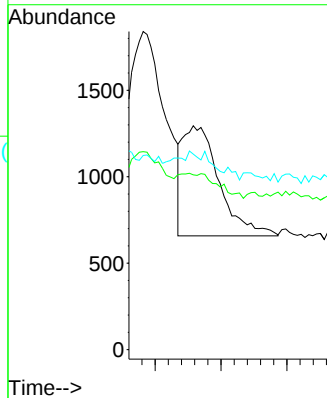
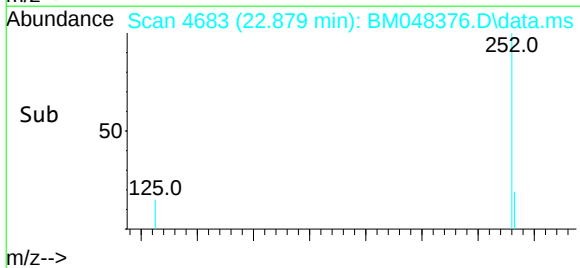
Tgt Ion:252 Resp: 1233

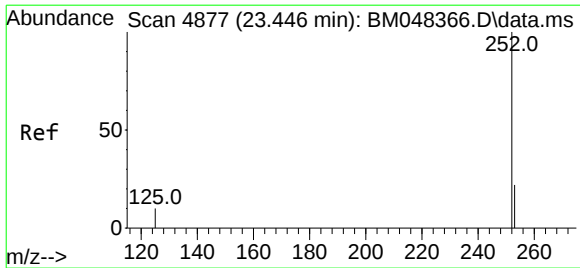
Ion Ratio Lower Upper

252 100

253 78.1 23.4 35.0#

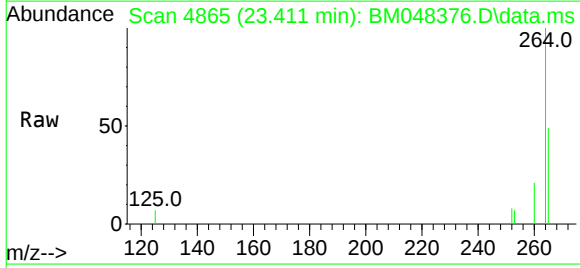
125 87.3 15.3 22.9#





#26
Benzo(a)pyrene
Concen: 0.025 ng/u1
RT: 23.411 min Scan# 4877
Delta R.T. -0.029 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52

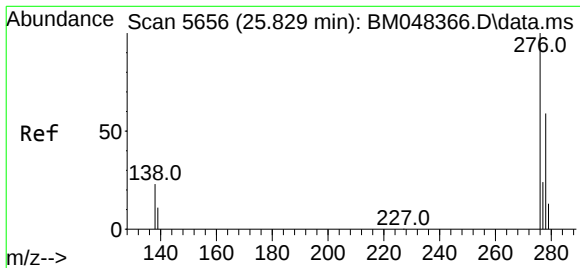
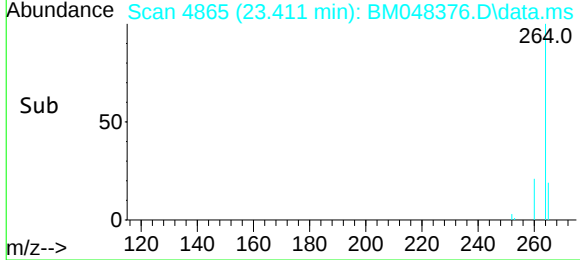
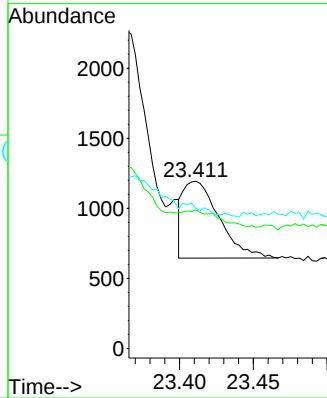
Instrument :
BNA_M
ClientSampleId :
F7H43



Tgt Ion	Ratio	Lower	Upper
252	100		
253	82.9	27.7	41.5#
125	83.7	21.1	31.7#

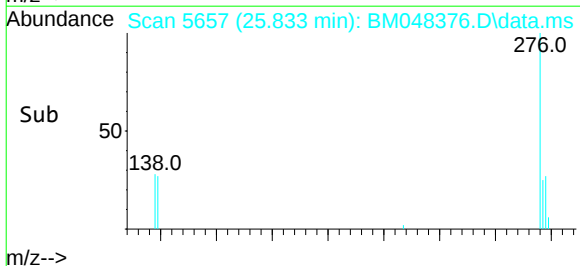
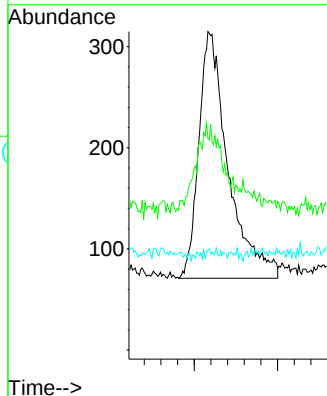
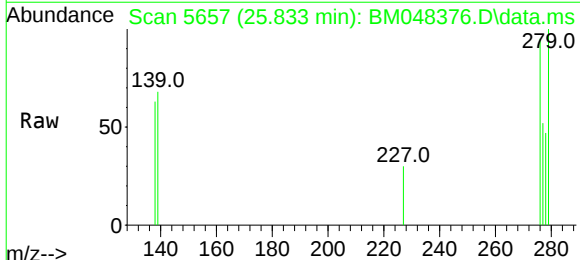
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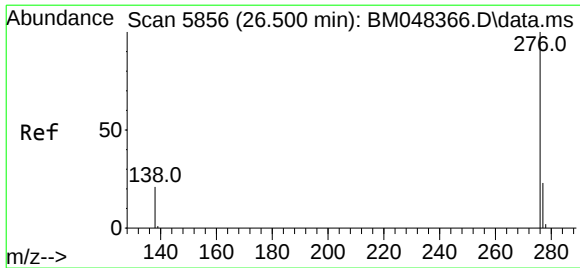
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.023 ng/u1
RT: 25.833 min Scan# 5657
Delta R.T. 0.020 min
Lab File: BM048376.D
Acq: 01 Nov 2024 02:52

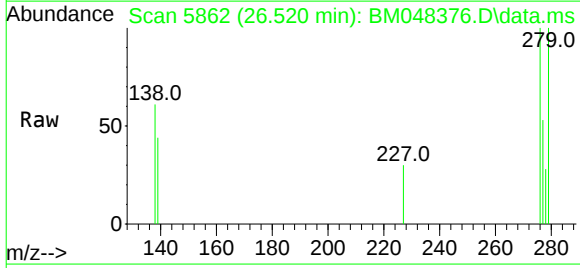
Tgt Ion	Ratio	Lower	Upper
276	100		
138	37.2	19.6	29.4#
227	0.8	0.1	0.1#





#29
 Benzo(g,h,i)perylene
 Concen: 0.025 ng/ul
 RT: 26.520 min Scan# 58
 Delta R.T. 0.020 min
 Lab File: BM048376.D
 Acq: 01 Nov 2024 02:52

Instrument :
 BNA_M
 ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	61.1	19.0	28.6
277	53.2	20.6	31.0

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