

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM103124\
 Data File : BM048377.D
 Acq On : 01 Nov 2024 03:29
 Operator : RC/JU
 Sample : P4530-17
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F7H44

Manual Integrations
 APPROVED

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

Quant Time: Nov 03 07:05:10 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	5118	0.400	ng/ul	-0.04
4) Naphthalene-d8	10.495	136	16483	0.400	ng/ul	#-0.03
9) Acenaphthene-d10	14.353	164	8799	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.093	188	17728m	0.400	ng/ul	-0.03
17) Chrysene-d12	21.289	240	14605m	0.400	ng/ul	0.00
23) Perylene-d12	23.516	264	12525m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	23913	3.804	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.118	152	5371	0.256	ng/ul	-0.02
18) Fluoranthene-d10	19.126	212	11112	0.300	ng/ul	-0.01
Target Compounds						
					Qvalue	
19) Fluoranthene	19.154	202	1687	0.033	ng/ul#	46
21) Benzo(a)anthracene	21.280	228	1407	0.032	ng/ul#	83
22) Chrysene	21.324	228	1626	0.027	ng/ul#	87
24) Benzo(b)fluoranthene	22.841	252	2699m	0.063	ng/ul	
25) Benzo(k)fluoranthene	22.876	252	1188m	0.023	ng/ul	
26) Benzo(a)pyrene	23.411	252	1025	0.025	ng/ul#	2
27) Indeno(1,2,3-cd)pyrene	25.836	276	1247	0.022	ng/ul#	93
29) Benzo(g,h,i)perylene	26.524	276	1208	0.025	ng/ul#	42

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

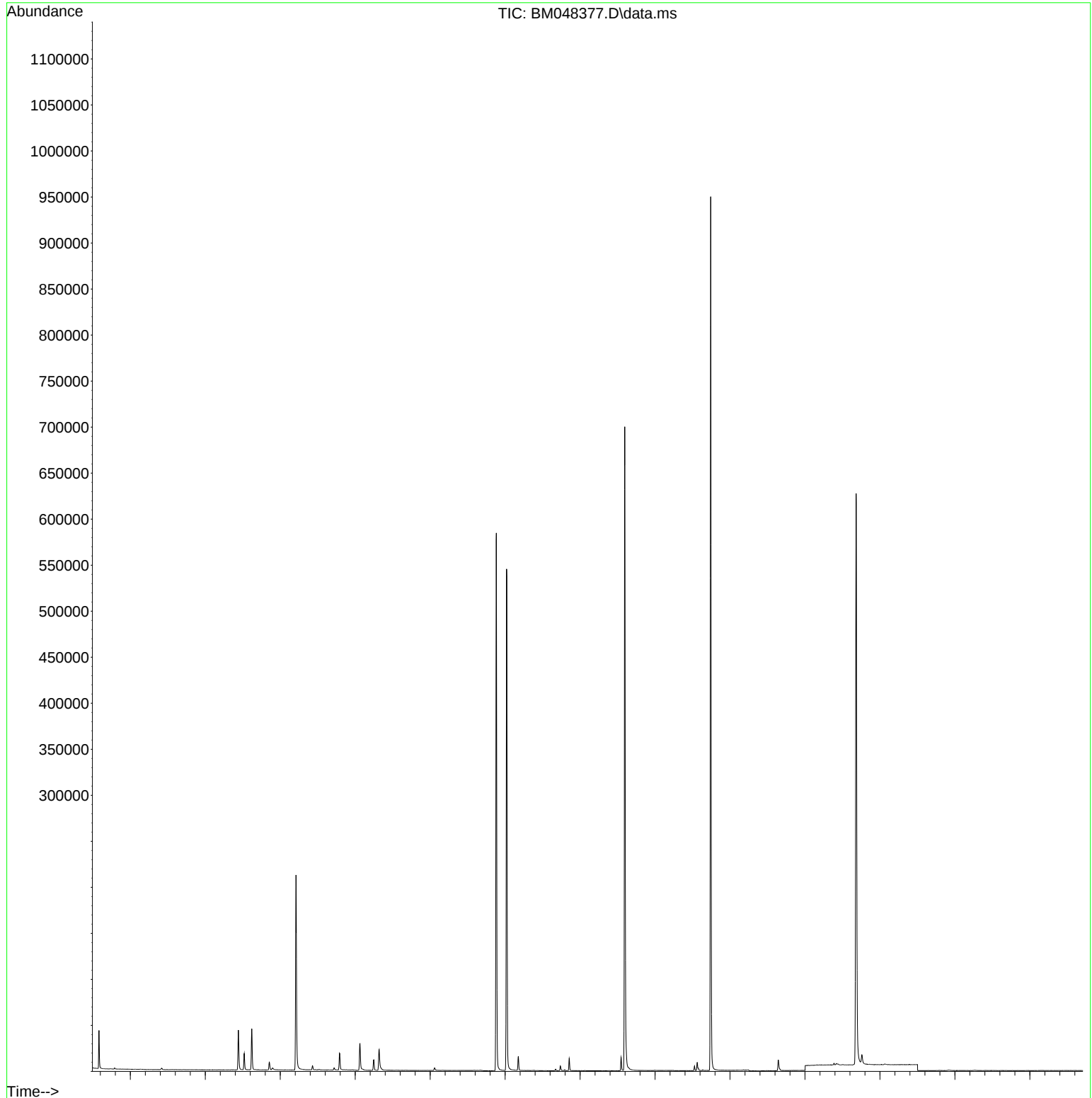
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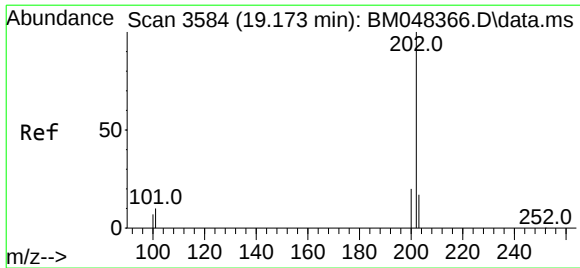
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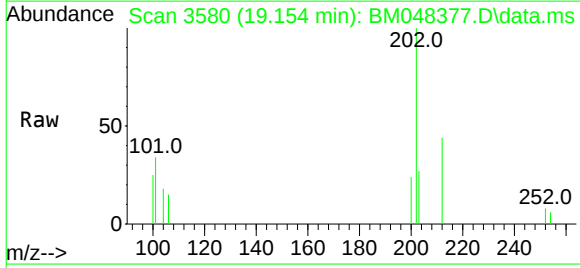
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024





#19
Fluoranthene
Concen: 0.033 ng/u1
RT: 19.154 min Scan# 3580
Delta R.T. -0.015 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29

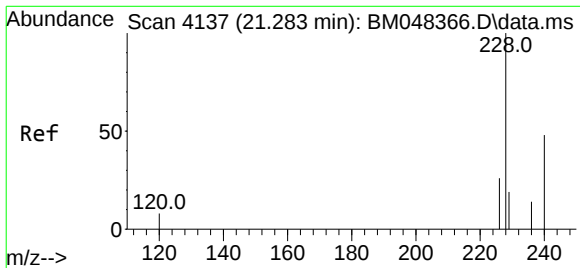
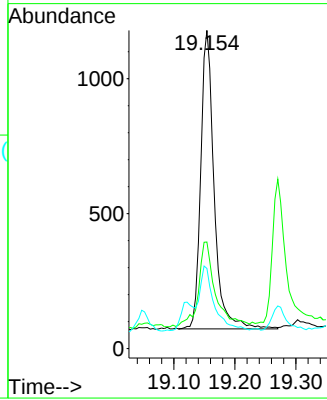
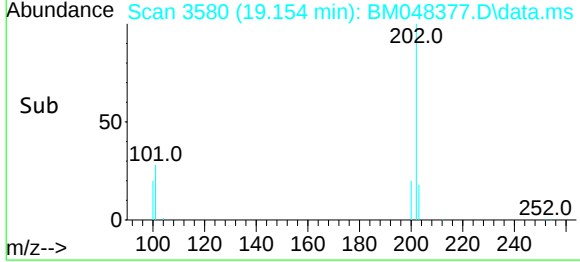
Instrument : BNA_M
ClientSampleId : F7H44



Tgt Ion	Ratio	Lower	Upper
202	100		
101	33.5	9.0	13.4
100	25.2	6.6	10.0

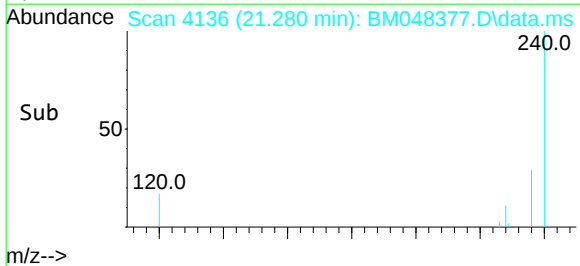
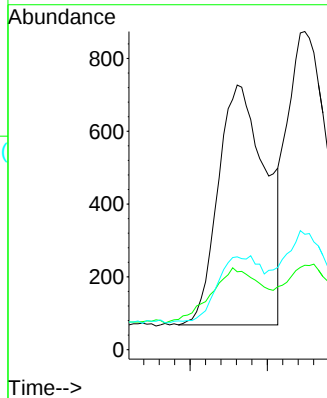
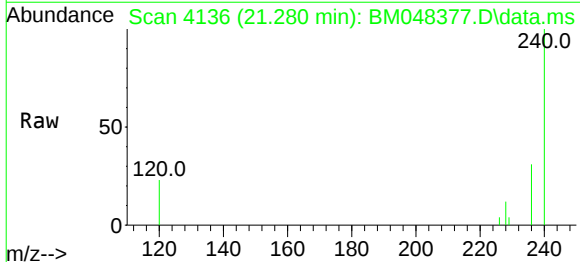
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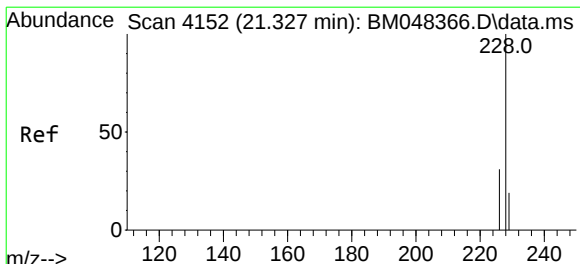
Reviewed By :Yogesh Patel 11/04/2024
Supervised By :mohammad ahmed 11/04/2024



#21
Benzo(a)anthracene
Concen: 0.032 ng/u1
RT: 21.280 min Scan# 4136
Delta R.T. 0.000 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.4	15.9	23.9
226	35.1	22.1	33.1





#22

Chrysene

Concen: 0.027 ng/u1

RT: 21.324 min Scan# 41

Delta R.T. -0.003 min

Lab File: BM048377.D

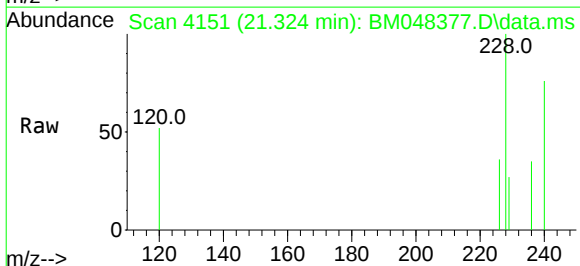
Acq: 01 Nov 2024 03:29

Instrument :

BNA_M

ClientSampleId :

F7H44



Tgt Ion:228 Resp: 1626

Ion Ratio Lower Upper

228 100

226 36.3 24.1 36.1#

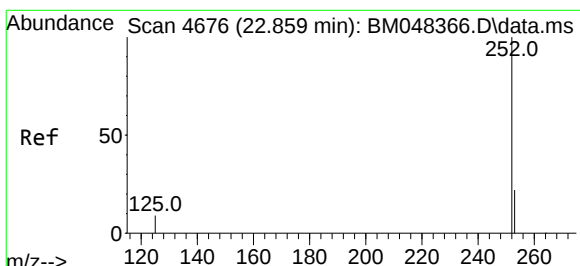
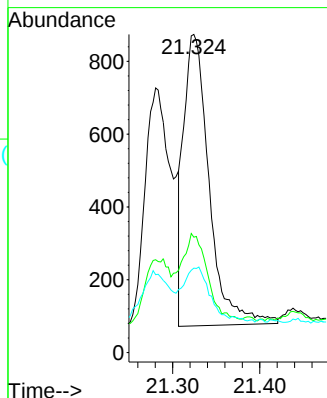
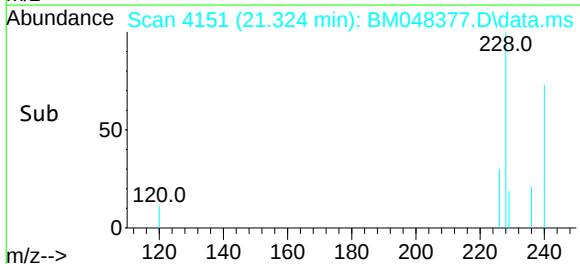
229 26.5 15.9 23.9#

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Supervised By :mohammad ahmed 11/04/2024



#24

Benzo(b)fluoranthene

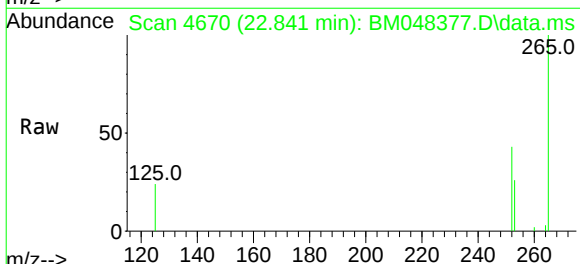
Concen: 0.063 ng/u1 m

RT: 22.841 min Scan# 4670

Delta R.T. -0.020 min

Lab File: BM048377.D

Acq: 01 Nov 2024 03:29



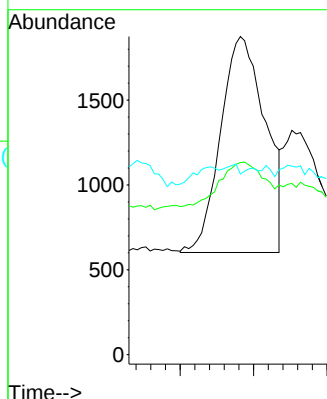
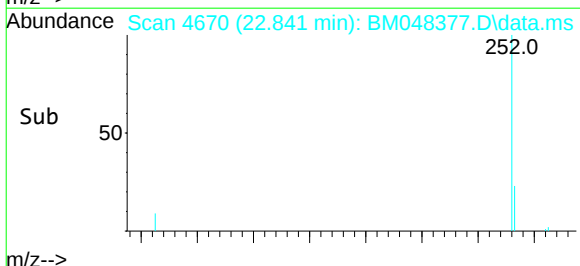
Tgt Ion:252 Resp: 2699

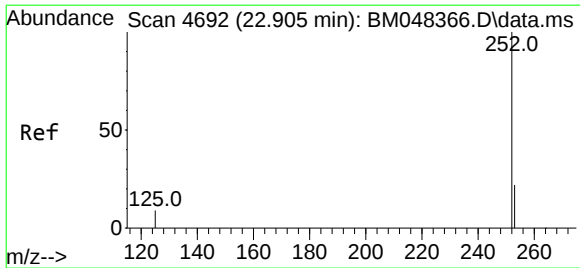
Ion Ratio Lower Upper

252 100

253 60.4 0.0 59.4#

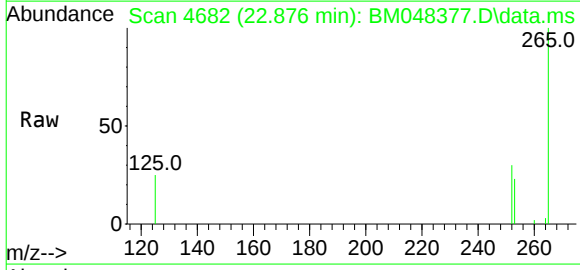
125 56.8 0.0 38.0#





#25
Benzo(k)fluoranthene
Concen: 0.023 ng/u1 m
RT: 22.876 min Scan# 46
Delta R.T. -0.029 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29

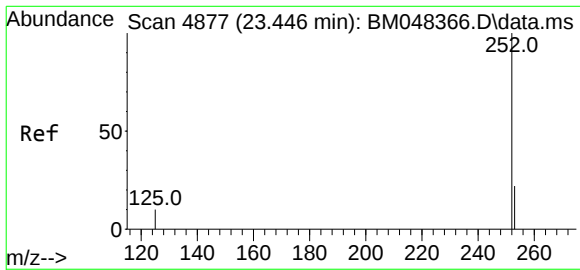
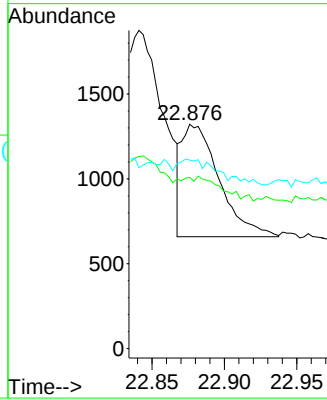
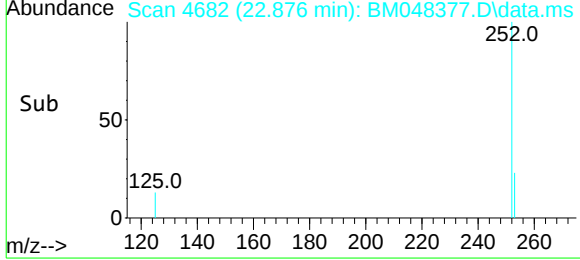
Instrument :
BNA_M
ClientSampleId :
F7H44



Tgt Ion:	252	Resp:	1188
Ion	Ratio	Lower	Upper
252	100		
253	76.3	23.4	35.0#
125	84.0	15.3	22.9#

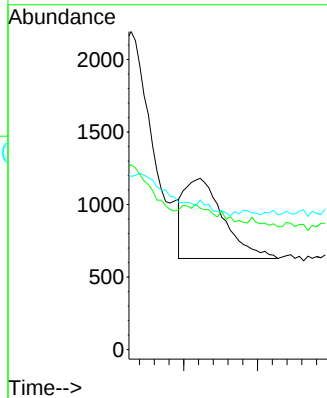
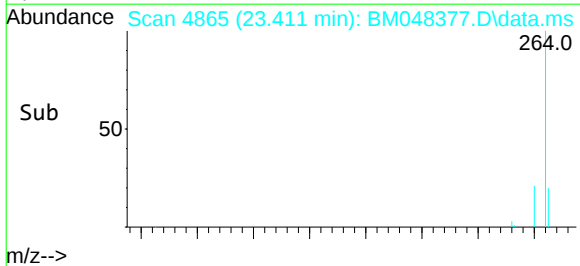
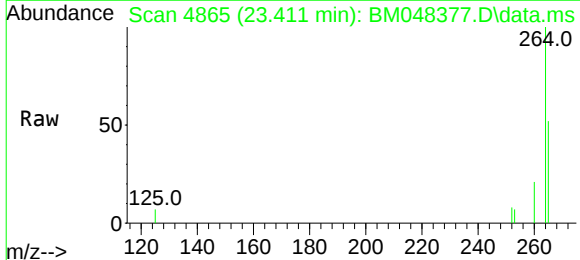
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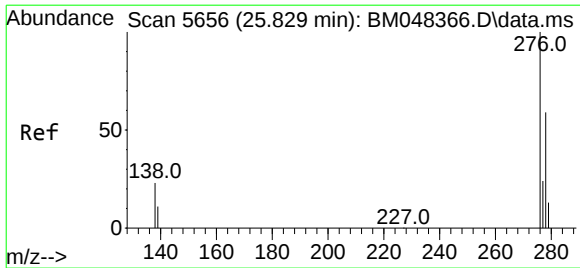
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#26
Benzo(a)pyrene
Concen: 0.025 ng/u1
RT: 23.411 min Scan# 4865
Delta R.T. -0.029 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29

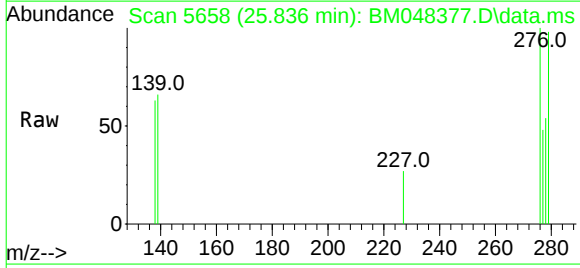
Tgt Ion:	252	Resp:	1025
Ion	Ratio	Lower	Upper
252	100		
253	82.5	27.7	41.5#
125	87.4	21.1	31.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/u1
RT: 25.836 min Scan# 5656
Delta R.T. 0.024 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29

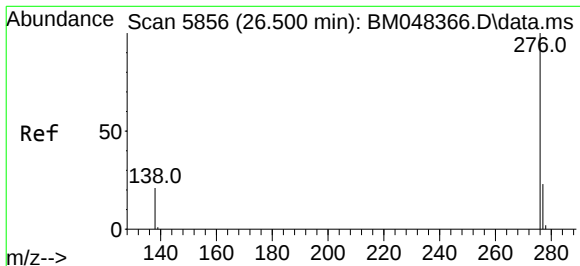
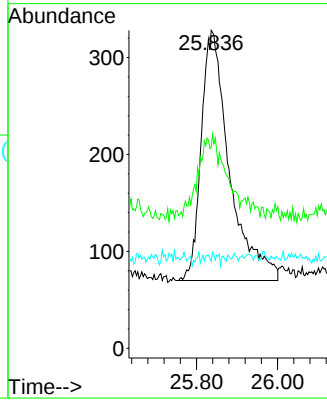
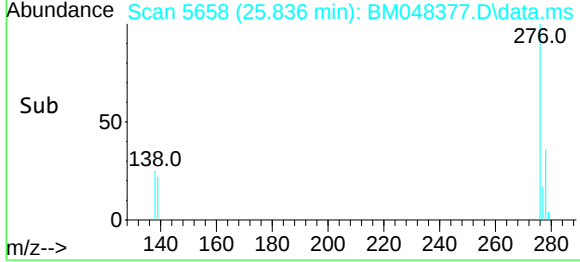
Instrument :
BNA_M
ClientSampleId :
F7H44



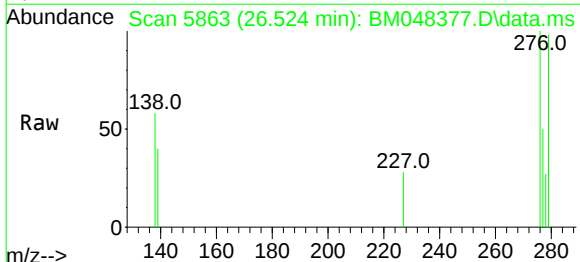
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.6	29.4
227	0.3	0.1	0.1

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#29
Benzo(g,h,i)perylene
Concen: 0.025 ng/u1
RT: 26.524 min Scan# 5863
Delta R.T. 0.024 min
Lab File: BM048377.D
Acq: 01 Nov 2024 03:29



Tgt Ion	Ratio	Lower	Upper
276	100		
138	57.9	19.0	28.6
277	50.3	20.6	31.0

