

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071423\
 Data File : BM040886.D
 Acq On : 14 Jul 2023 19:30
 Operator : MA/JU
 Sample : 03437-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A46H4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/15/2023
 Supervised By :mohammad ahmed 07/17/2023

Quant Time: Jul 15 03:59:47 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 15 03:58:02 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.862	152	4032	0.400	ng/ul	0.00
4) Naphthalene-d8	10.664	136	13071	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.509	164	5742	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.261	188	10578	0.400	ng/ul	0.00
17) Chrysene-d12	21.451	240	8290	0.400	ng/ul	# 0.00
23) Perylene-d12	23.831	264	7544	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	3619	0.571	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.258	152	665	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.292	212	1148	0.043	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.713	128	14953	0.415	ng/ul	99
7) 2-Methylnaphthalene	12.330	142	656	0.031	ng/ul	97
15) Phenanthrene	17.299	178	1510	0.046	ng/ul#	86
19) Fluoranthene	19.320	202	3779	0.107	ng/ul	96
20) Pyrene	19.682	202	3024m	0.080	ng/ul	
21) Benzo(a)anthracene	21.434	228	1074	0.038	ng/ul#	85
22) Chrysene	21.489	228	1875	0.059	ng/ul#	90
24) Benzo(b)fluoranthene	23.105	252	2432	0.083	ng/ul#	30
25) Benzo(k)fluoranthene	23.152	252	979m	0.034	ng/ul	
27) Indeno(1,2,3-cd)pyrene	26.290	276	1123	0.031	ng/ul#	88

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

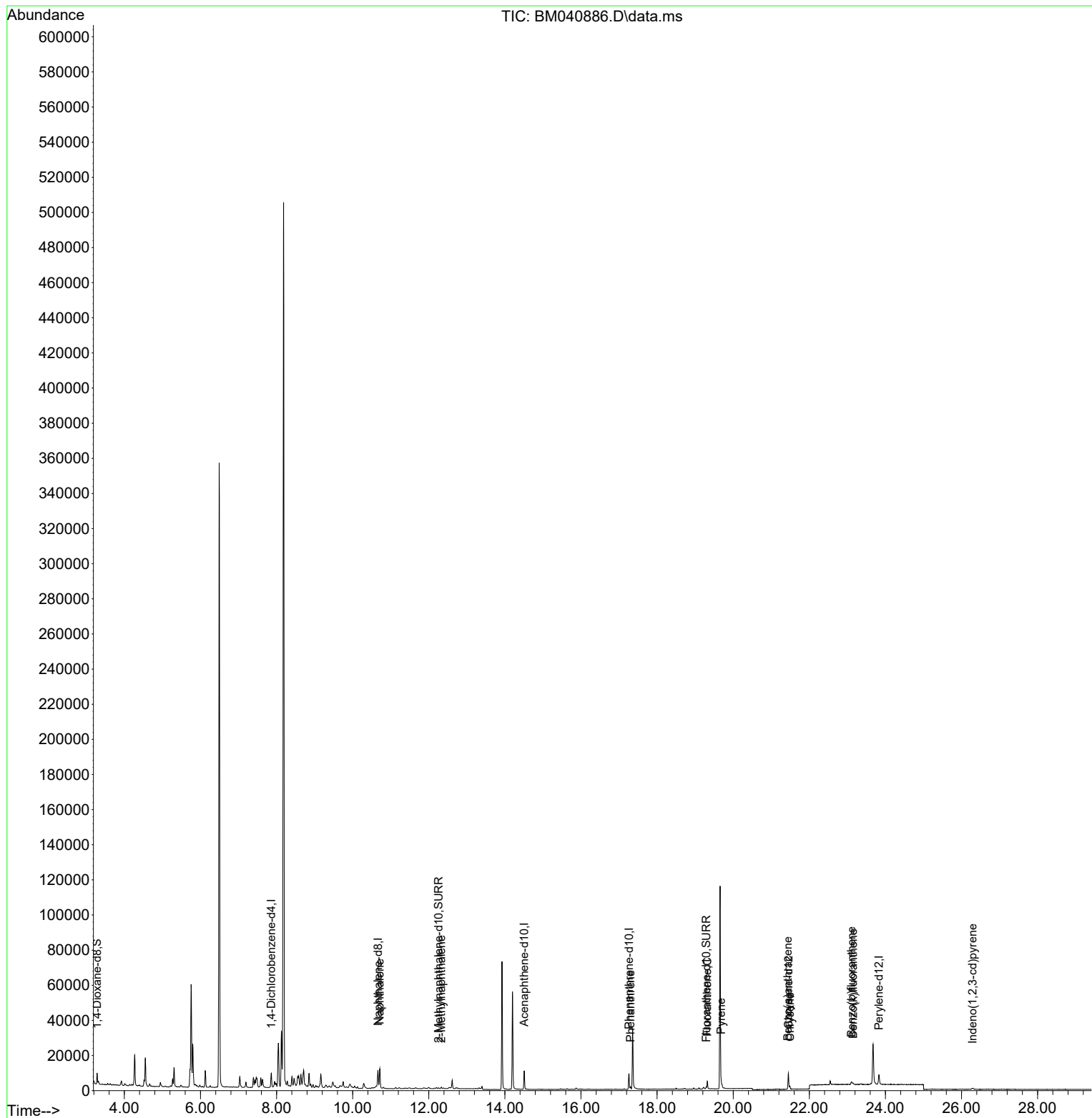
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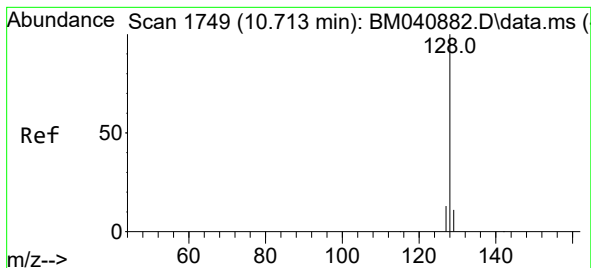
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#5

Naphthalene

Concen: 0.415 ng/ul

RT: 10.713 min Scan# 1749

Delta R.T. 0.000 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

Instrument :

BNA_M

ClientSampleId :

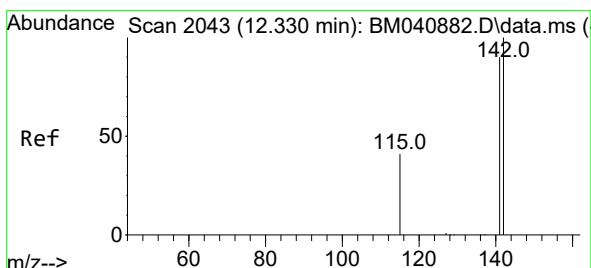
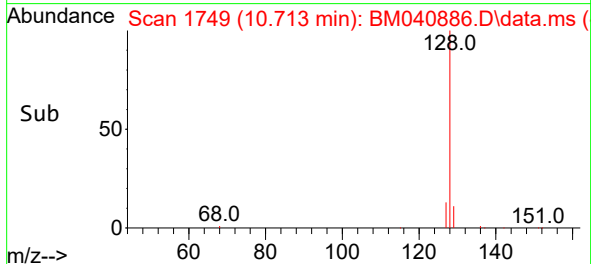
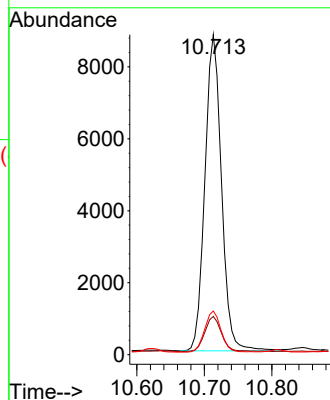
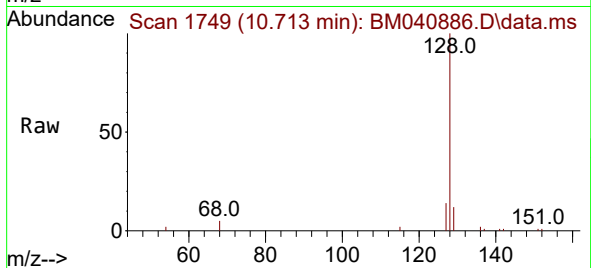
A46H4

Tgt Ion:128	Resp:	1495
Ion Ratio	Lower	Upper
128	100	
129	11.9	9.2 13.8
127	13.6	10.6 15.8

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#7

2-Methylnaphthalene

Concen: 0.031 ng/ul

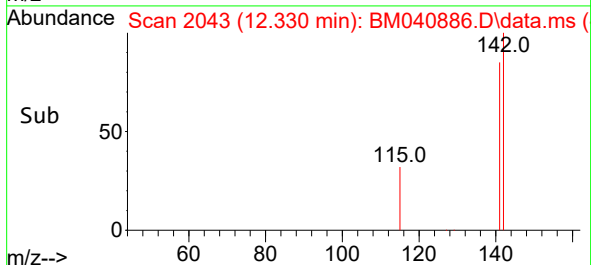
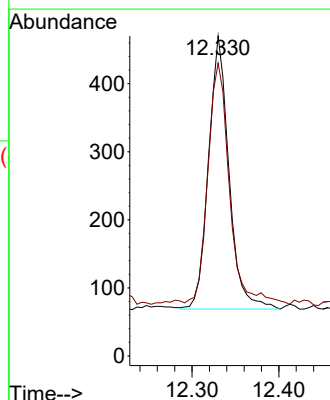
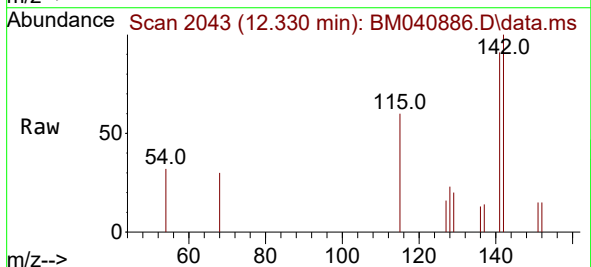
RT: 12.330 min Scan# 2043

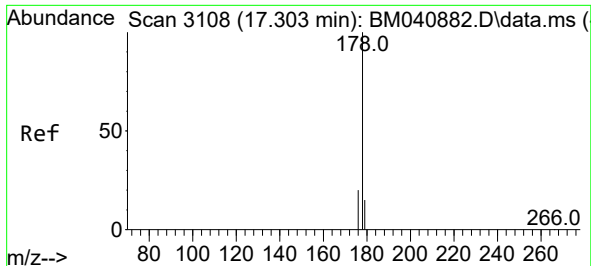
Delta R.T. 0.000 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

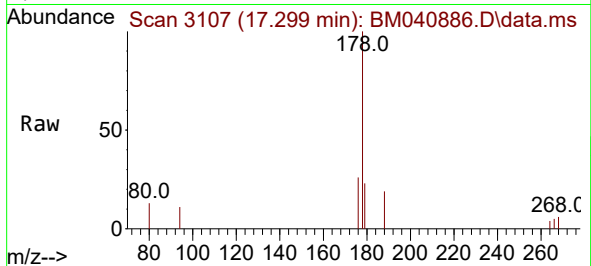
Tgt Ion:142	Resp:	656
Ion Ratio	Lower	Upper
142	100	
141	92.8	71.9 107.9





#15
Phenanthrene
Concen: 0.046 ng/ul
RT: 17.299 min Scan# 3107
Delta R.T. -0.004 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

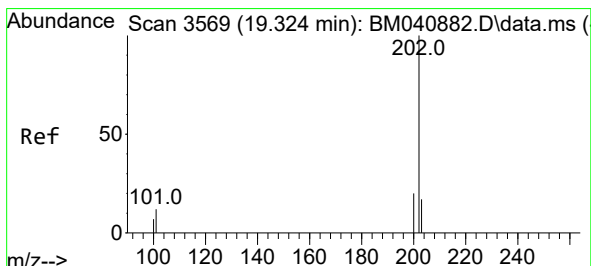
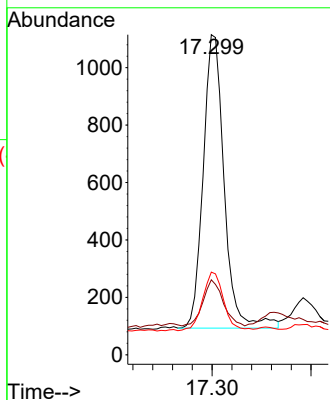
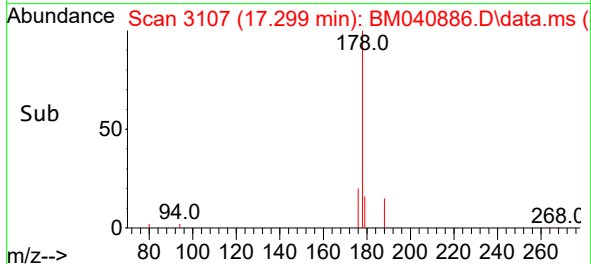
Instrument :
BNA_M
ClientSampleId :
A46H4



Tgt Ion:178 Resp: 1510
Ion Ratio Lower Upper
178 100
179 23.4 12.8 19.2
176 25.8 16.4 24.6

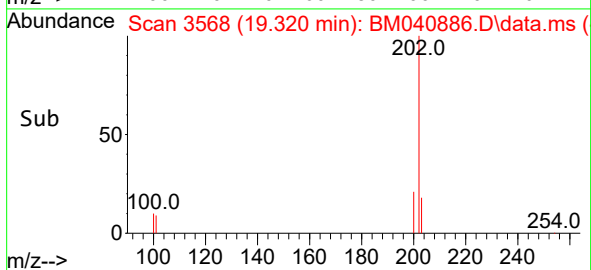
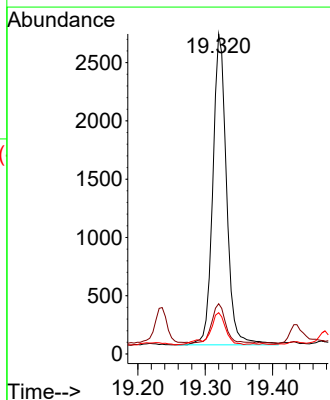
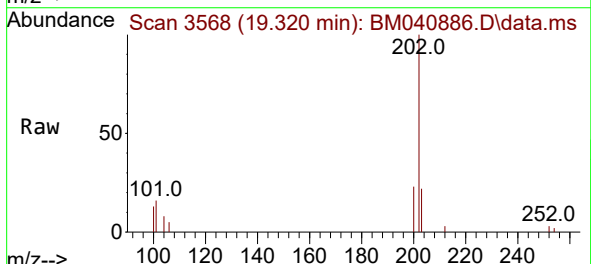
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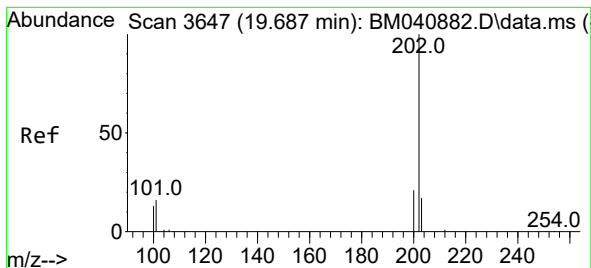
Reviewed By :Jagrut Upadhyay 07/15/2023
Supervised By :mohammad ahmed 07/17/2023



#19
Fluoranthene
Concen: 0.107 ng/ul
RT: 19.320 min Scan# 3568
Delta R.T. -0.005 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

Tgt Ion:202 Resp: 3779
Ion Ratio Lower Upper
202 100
101 15.7 11.4 17.0
100 12.9 8.7 13.1





#20

Pyrene

Concen: 0.080 ng/ul m

RT: 19.682 min Scan# 3

Delta R.T. -0.005 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

Instrument :

BNA_M

ClientSampleId :

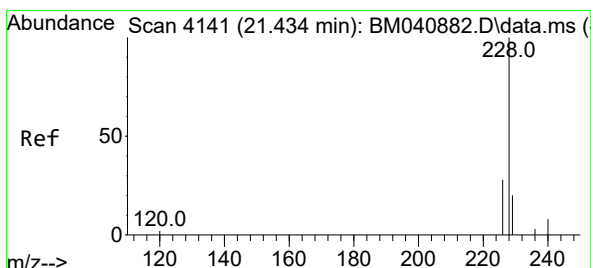
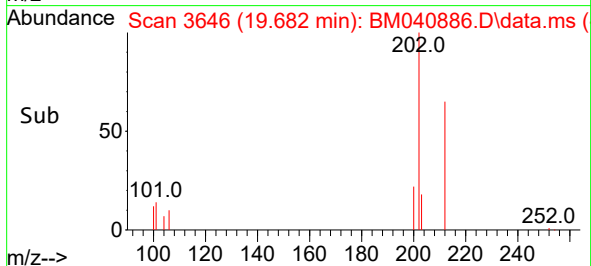
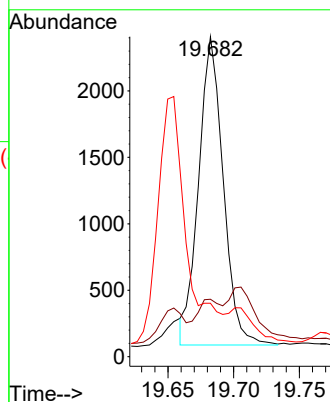
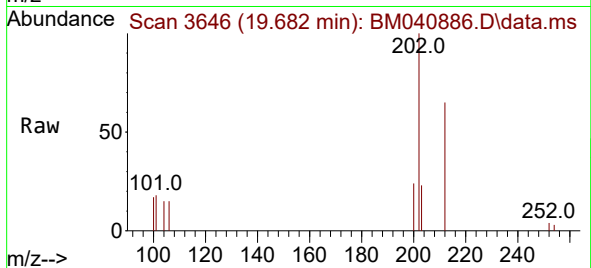
A46H4

Tgt Ion:	202	Resp:	3024
Ion Ratio	Lower	Upper	
202	100		
101	18.0	12.6	18.8
100	16.7	9.8	14.6

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#21

Benzo(a)anthracene

Concen: 0.038 ng/ul

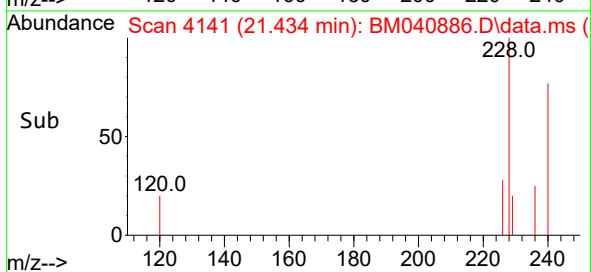
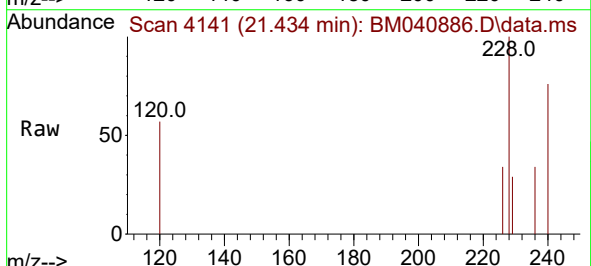
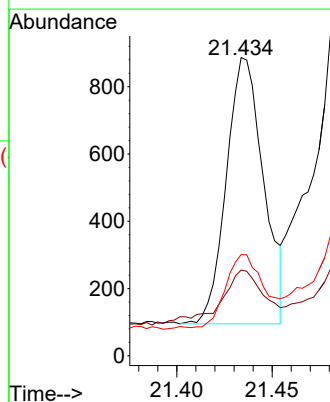
RT: 21.434 min Scan# 4141

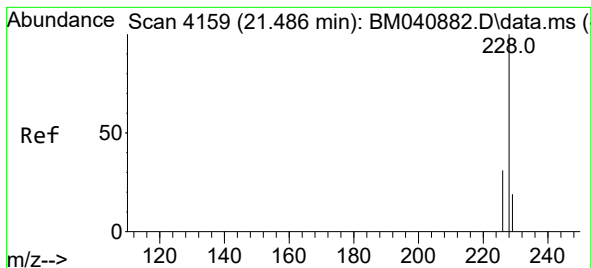
Delta R.T. 0.000 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

Tgt Ion:	228	Resp:	1074
Ion Ratio	Lower	Upper	
228	100		
229	28.7	16.0	24.0#
226	33.9	22.3	33.5#





#22

Chrysene

Concen: 0.059 ng/ul

RT: 21.489 min Scan# 4159

Delta R.T. 0.003 min

Lab File: BM040886.D

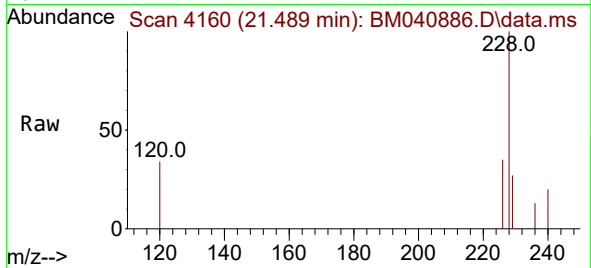
Acq: 14 Jul 2023 19:30

Instrument :

BNA_M

ClientSampleId :

A46H4

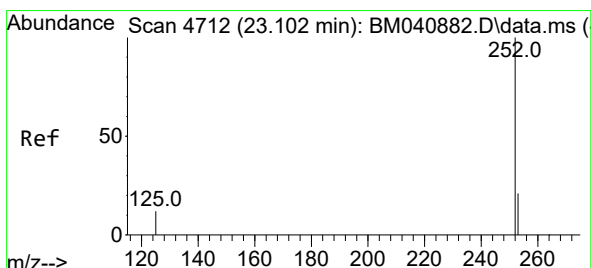
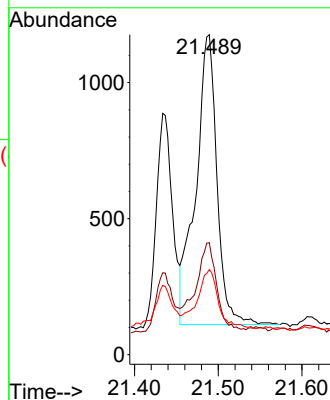
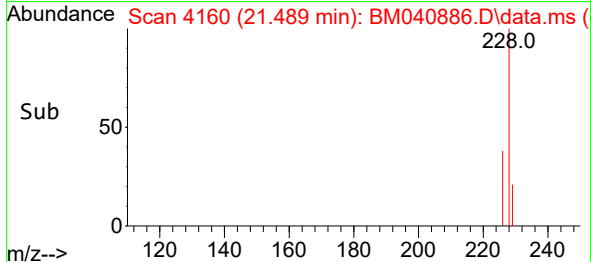


Tgt Ion:	228	Resp:	187
Ion Ratio	Lower	Upper	
228	100		
226	35.0	24.9	37.3
229	26.6	15.8	23.6

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#24

Benzo(b)fluoranthene

Concen: 0.083 ng/ul

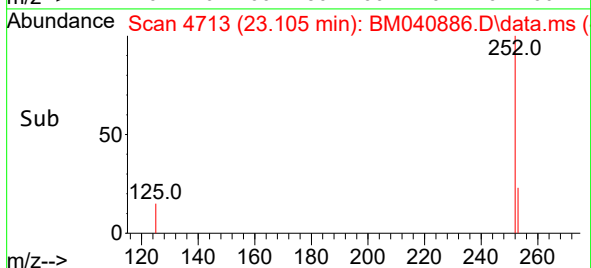
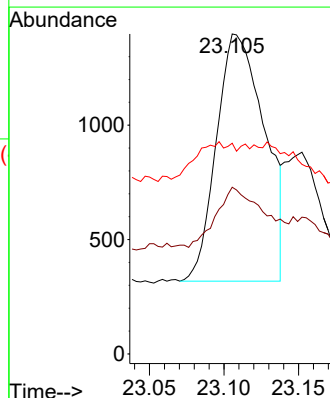
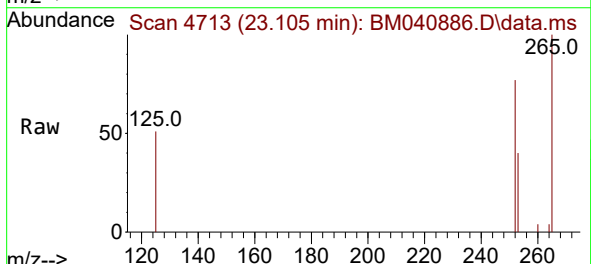
RT: 23.105 min Scan# 4713

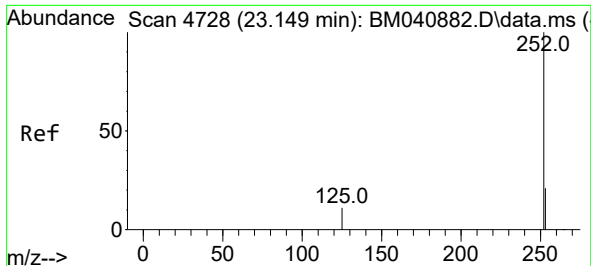
Delta R.T. 0.003 min

Lab File: BM040886.D

Acq: 14 Jul 2023 19:30

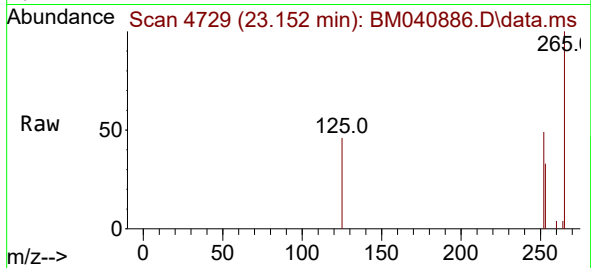
Tgt Ion:	252	Resp:	2432
Ion Ratio	Lower	Upper	
252	100		
253	52.1	0.0	52.8
125	65.8	0.0	43.0





#25
Benzo(k)fluoranthene
Concen: 0.034 ng/ul m
RT: 23.152 min Scan# 4729
Delta R.T. 0.003 min
Lab File: BM040886.D
Acq: 14 Jul 2023 19:30

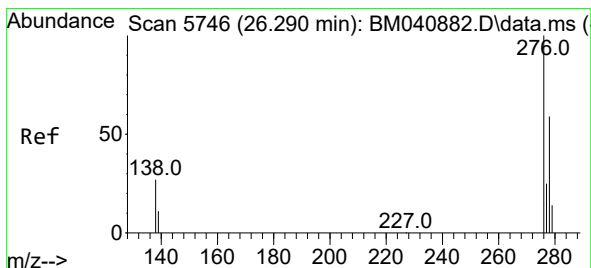
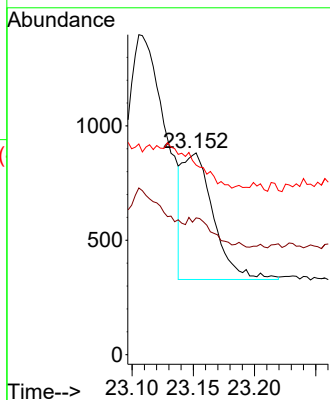
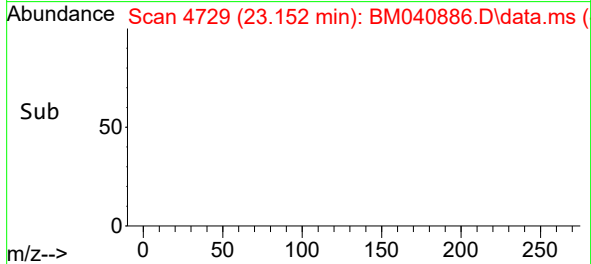
Instrument :
BNA_M
ClientSampleId :
A46H4



Tgt Ion:252 Resp: 979
Ion Ratio Lower Upper
252 100
253 67.8 21.2 31.8
125 94.0 16.4 24.6

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#27
Indeno(1,2,3-cd)pyrene
Concen: 0.031 ng/ul
RT: 26.290 min Scan# 5746
Delta R.T. 0.000 min
Lab File: BM040886.D
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Tgt Ion:276 Resp: 1123
Ion Ratio Lower Upper
276 100
138 24.0 24.5 36.7#
227 0.8 0.1 0.1#

