

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081424\
 Data File : BM047178.D
 Acq On : 13 Aug 2024 17:19
 Operator : RC/JU
 Sample : P3538-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH7N1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/14/2024
 Supervised By :mohammad ahmed 08/15/2024

Quant Time: Aug 13 18:06:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 13 16:46:53 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.372	152	5889	0.400	ng/ul	0.00
4) Naphthalene-d8	10.124	136	18388	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.027	164	10110	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.788	188	22878m	0.400	ng/ul	0.00
17) Chrysene-d12	21.015	240	16701	0.400	ng/ul	0.00
23) Perylene-d12	23.108	264	14300m	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.009	96	40431	6.810	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.729	152	12312	0.449	ng/ul	0.00
18) Fluoranthene-d10	18.836	212	23617	0.489	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.043	88	6399	0.964	ng/ul	96
14) Pentachlorophenol	16.458	266	285	0.039	ng/ul	91
19) Fluoranthene	18.864	202	1799	0.027	ng/ul#	78
21) Benzo(a)anthracene	20.998	228	2101	0.034	ng/ul	93
22) Chrysene	21.050	228	2646	0.041	ng/ul	92
24) Benzo(b)fluoranthene	22.494	252	3071	0.054	ng/ul#	34
25) Benzo(k)fluoranthene	22.535	252	2999	0.051	ng/ul#	21
26) Benzo(a)pyrene	23.020	252	1503	0.033	ng/ul#	5
27) Indeno(1,2,3-cd)pyrene	25.176	276	2833	0.042	ng/ul#	97
28) Dibenzo(a,h)anthracene	25.189	278	2122	0.040	ng/ul#	35
29) Benzo(g,h,i)perylene	25.807	276	2523	0.045	ng/ul#	72

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

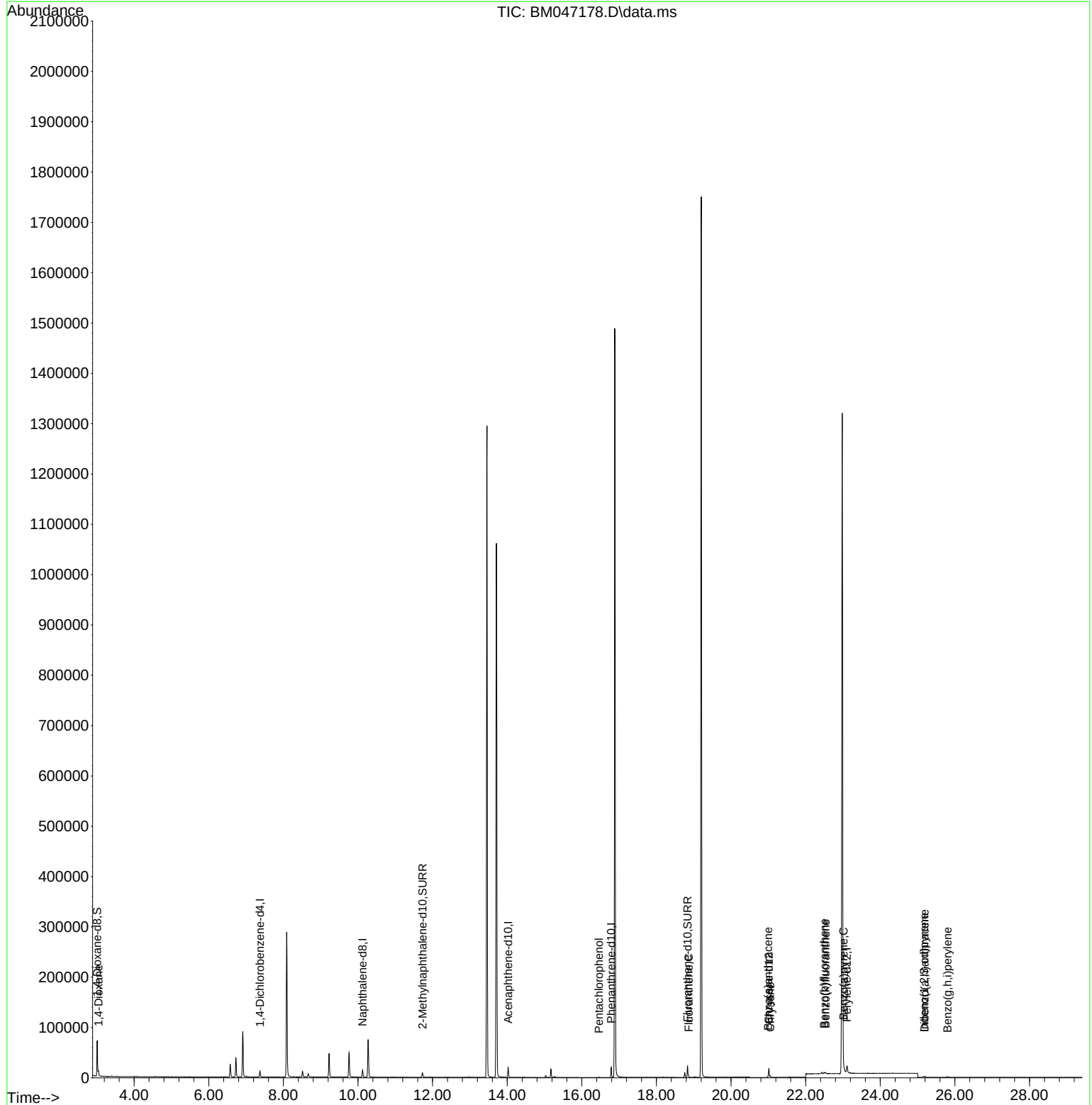
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081424\
Data File : BM047178.D
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Operator : RC/JU
Sample : P3538-01
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ALS Vial : 4 Sample Multiplier: 1

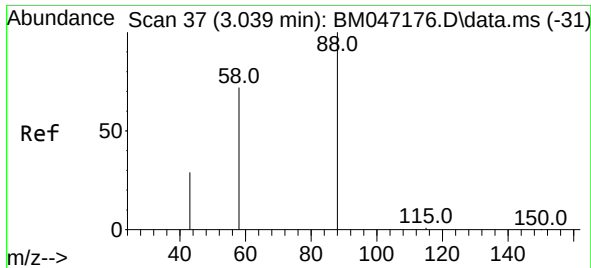
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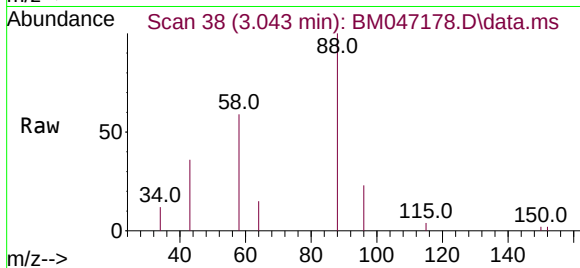
Quant Time: Aug 13 18:06:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM080724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 16:46:53 2024
Response via : Initial Calibration





#2
1,4-Dioxane
Concen: 0.964 ng/ul
RT: 3.043 min Scan# 30
Delta R.T. 0.004 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

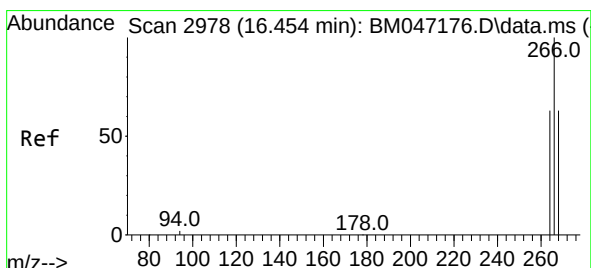
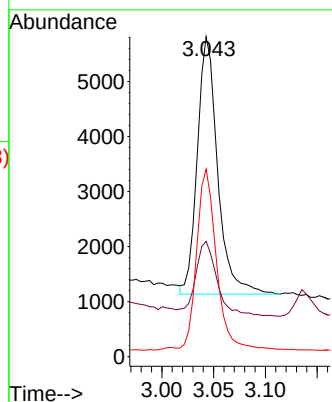
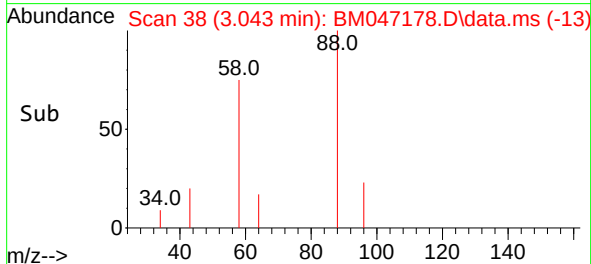
Instrument :
BNA_M
ClientSampleId :
BH7N1



Tgt Ion: 88 Resp: 6395
Ion Ratio Lower Upper
88 100
43 36.1 32.0 48.0
58 58.6 48.1 72.1

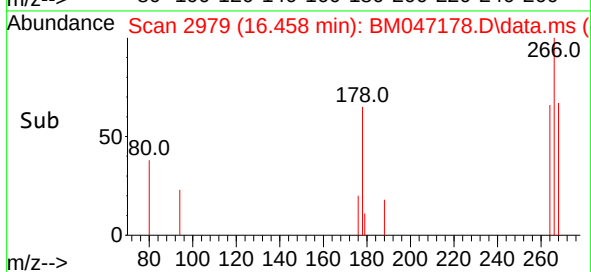
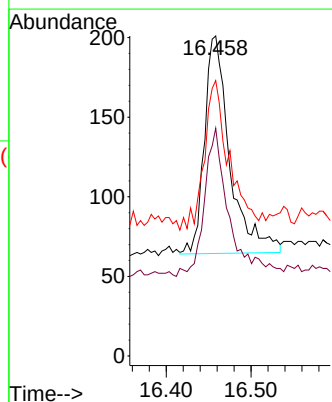
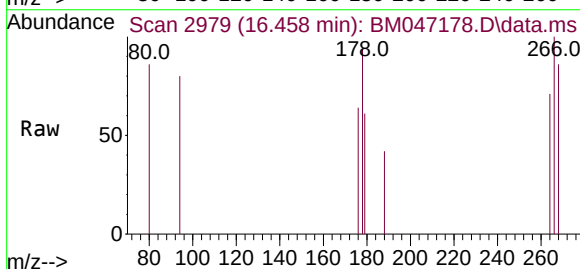
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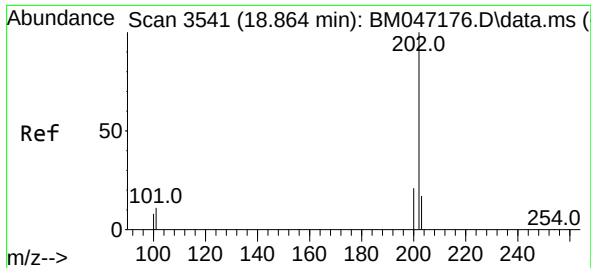
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/15/2024



#14
Pentachlorophenol
Concen: 0.039 ng/ul
RT: 16.458 min Scan# 2979
Delta R.T. 0.004 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

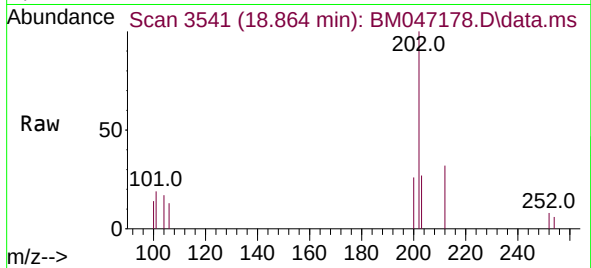
Tgt Ion:266 Resp: 285
Ion Ratio Lower Upper
266 100
264 66.3 47.2 70.8
268 67.0 48.2 72.4





#19
Fluoranthene
Concen: 0.027 ng/ul
RT: 18.864 min Scan# 3541
Delta R.T. -0.000 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

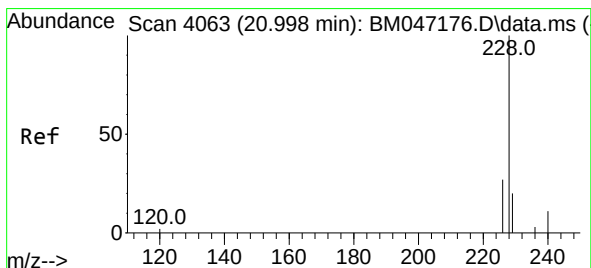
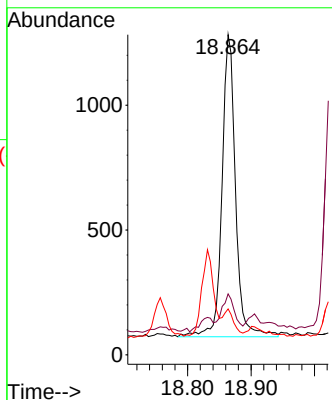
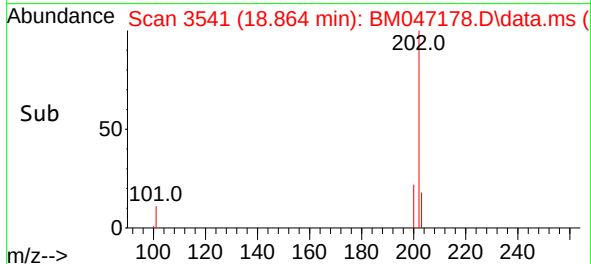
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:202 Resp: 1799
Ion Ratio Lower Upper
202 100
101 19.0 8.2 12.2
100 14.3 6.0 9.0

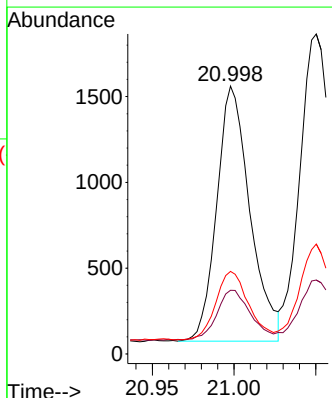
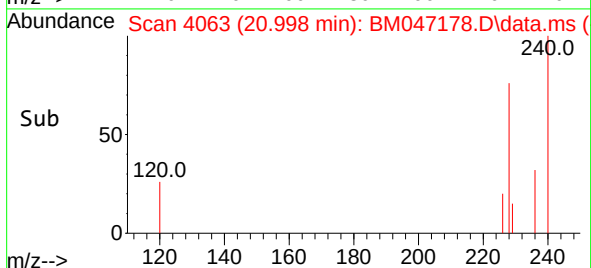
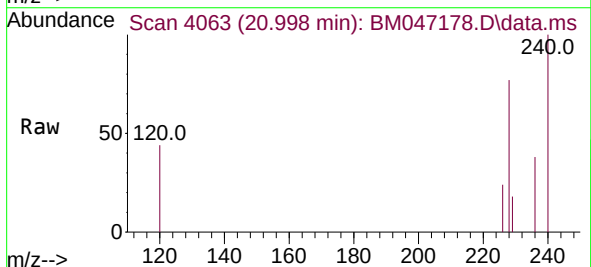
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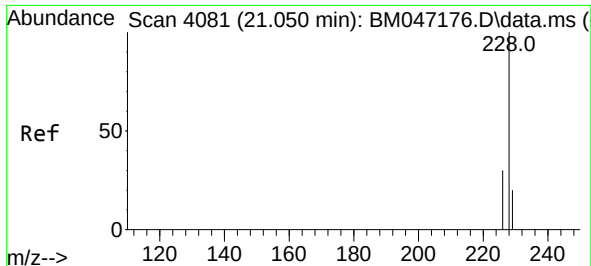
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/15/2024



#21
Benzo(a)anthracene
Concen: 0.034 ng/ul
RT: 20.998 min Scan# 4063
Delta R.T. -0.000 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

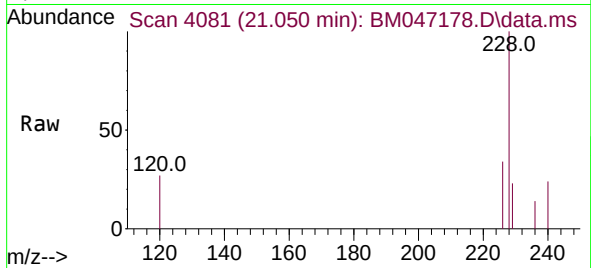
Tgt Ion:228 Resp: 2101
Ion Ratio Lower Upper
228 100
229 23.8 15.9 23.9
226 30.8 22.1 33.1





#22
Chrysene
Concen: 0.041 ng/ul
RT: 21.050 min Scan# 4081
Delta R.T. -0.000 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

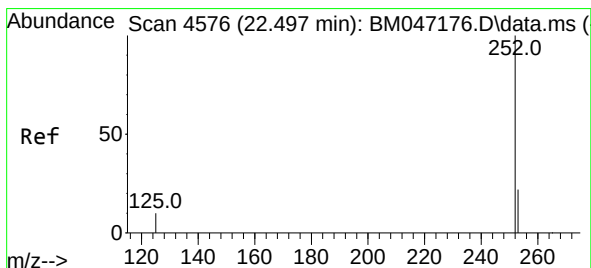
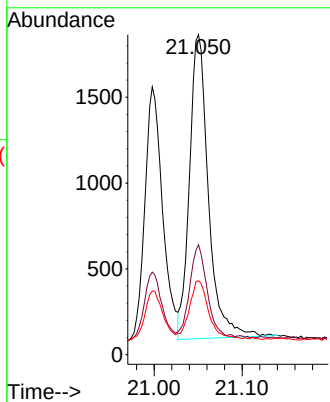
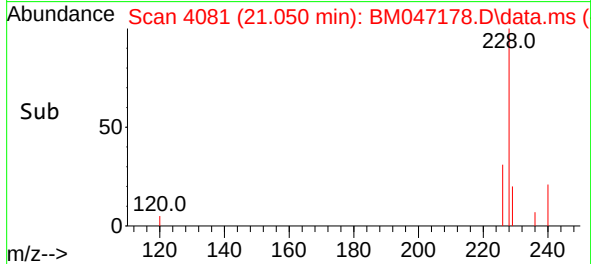
Instrument :
BNA_M
ClientSampleId :
BH7N1



Tgt Ion:228 Resp: 2640
Ion Ratio Lower Upper
228 100
226 34.4 23.9 35.9
229 23.1 15.7 23.5

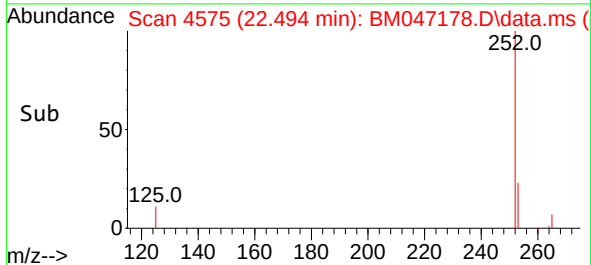
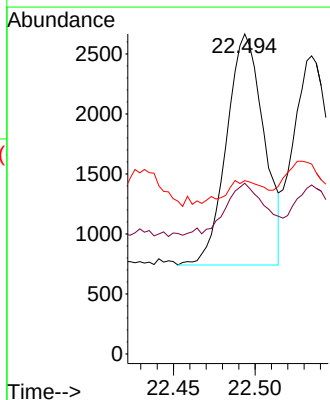
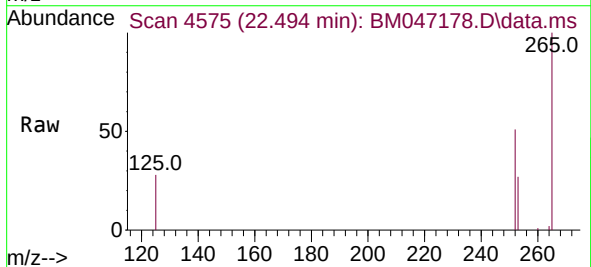
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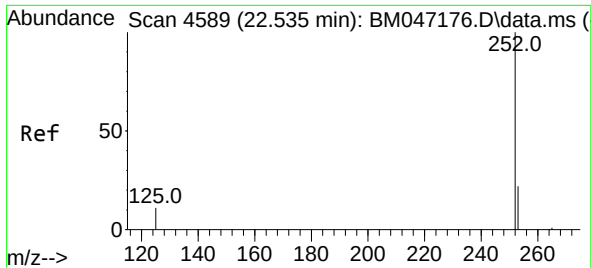
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#24
Benzo(b)fluoranthene
Concen: 0.054 ng/ul
RT: 22.494 min Scan# 4575
Delta R.T. -0.003 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

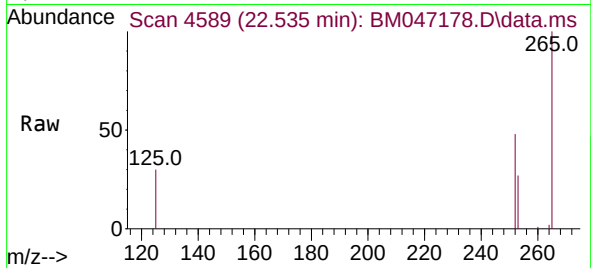
Tgt Ion:252 Resp: 3071
Ion Ratio Lower Upper
252 100
253 53.4 0.0 53.4
125 54.1 0.0 32.0#





#25
Benzo(k)fluoranthene
Concen: 0.051 ng/u1
RT: 22.535 min Scan# 4589
Delta R.T. -0.000 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

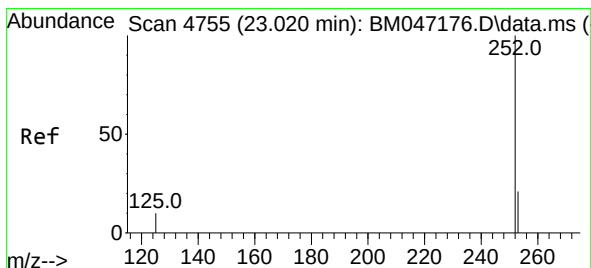
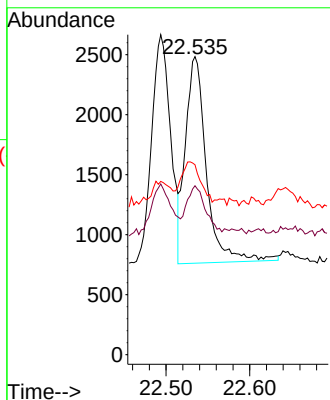
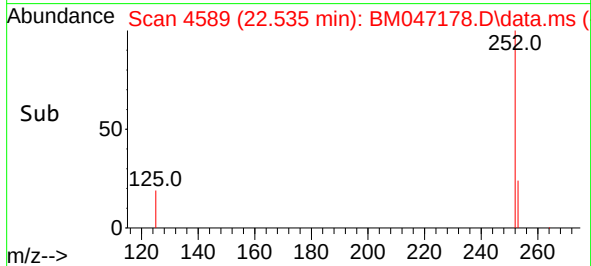
Instrument :
BNA_M
ClientSampleId :
BH7N1



Tgt Ion:252 Resp: 2999
Ion Ratio Lower Upper
252 100
253 56.7 21.1 31.7#
125 63.7 13.2 19.8#

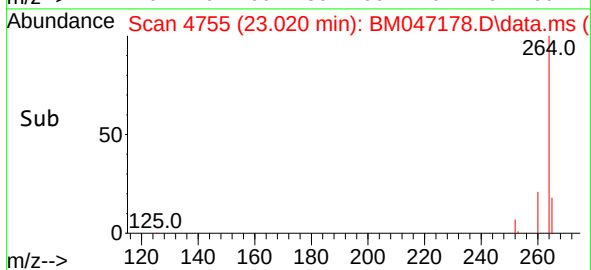
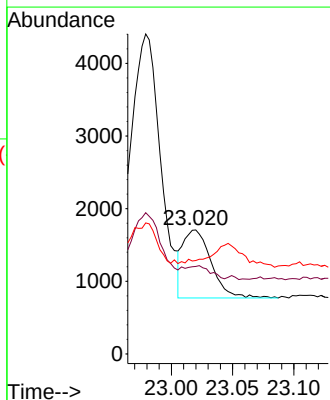
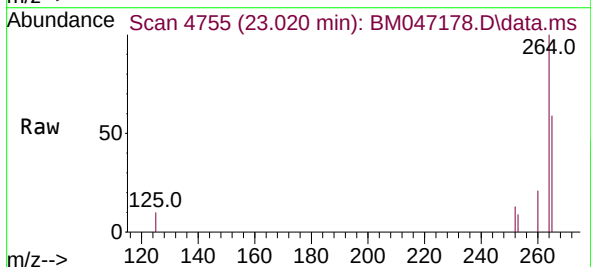
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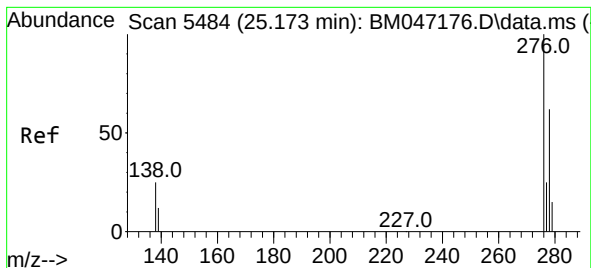
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/15/2024



#26
Benzo(a)pyrene
Concen: 0.033 ng/u1
RT: 23.020 min Scan# 4755
Delta R.T. -0.000 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

Tgt Ion:252 Resp: 1503
Ion Ratio Lower Upper
252 100
253 70.5 23.6 35.4#
125 75.4 15.8 23.6#





#27

Indeno(1,2,3-cd)pyrene

Concen: 0.042 ng/ul

RT: 25.176 min Scan# 5484

Delta R.T. 0.003 min

Lab File: BM047178.D

Acq: 13 Aug 2024 17:19

Instrument :

BNA_M

ClientSampleId :

BH7N1

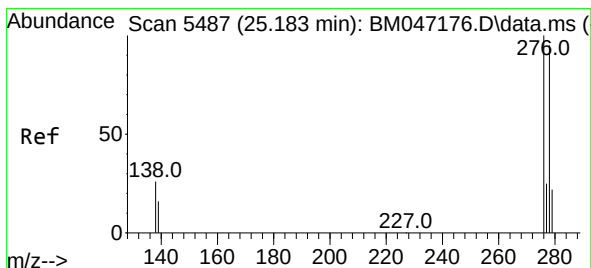
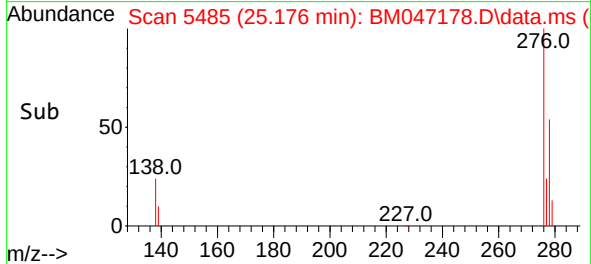
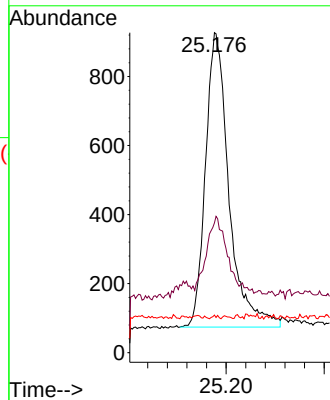
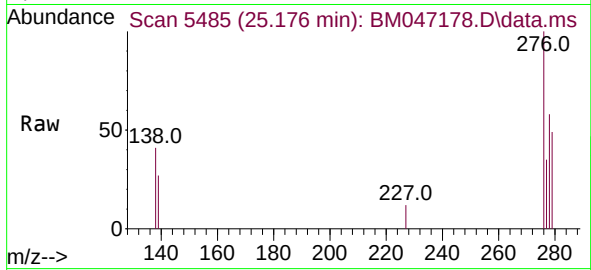
Tgt Ion:	276	Resp:	283
Ion Ratio	Lower	Upper	
276	100		
138	23.7	20.1	30.1
227	0.3	0.2	0.2

Manual Integrations

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#28

Dibenzo(a,h)anthracene

Concen: 0.040 ng/ul

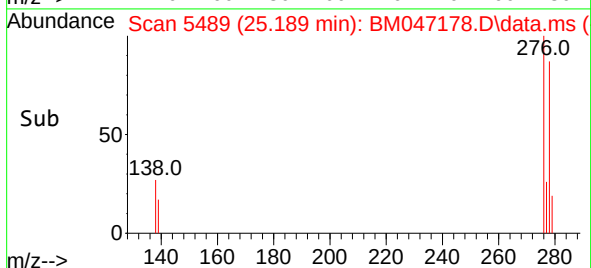
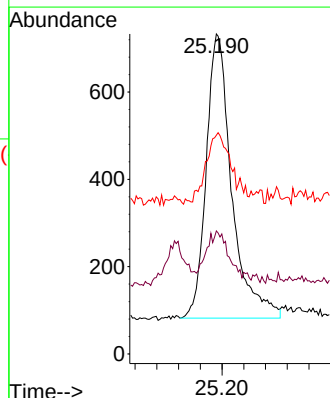
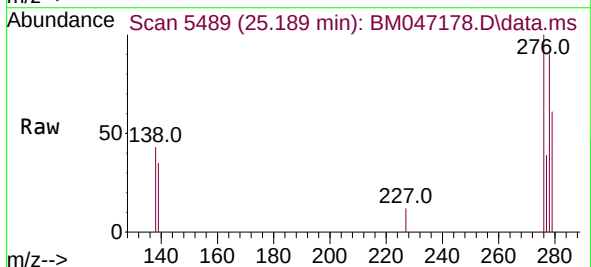
RT: 25.189 min Scan# 5489

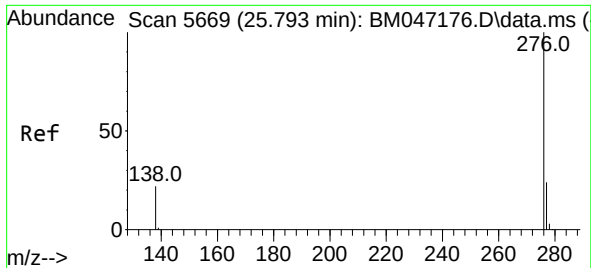
Delta R.T. 0.007 min

Lab File: BM047178.D

Acq: 13 Aug 2024 17:19

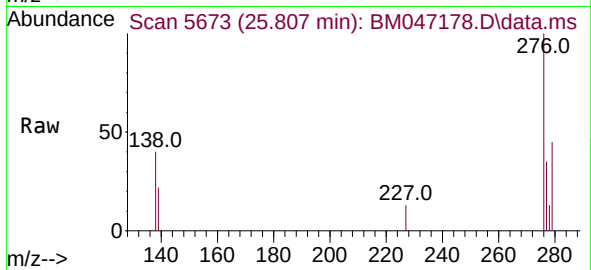
Tgt Ion:	278	Resp:	2122
Ion Ratio	Lower	Upper	
278	100		
139	38.5	14.6	21.8#
279	68.3	22.1	33.1#





#29
Benzo(g,h,i)perylene
Concen: 0.045 ng/ul
RT: 25.807 min Scan# 50
Delta R.T. 0.013 min
Lab File: BM047178.D
Acq: 13 Aug 2024 17:19

Instrument :
BNA_M
ClientSampleId :
BH7N1



Tgt Ion:	276	Resp:	252
Ion Ratio	Lower	Upper	
276	100		
138	40.3	18.7	28.1
277	35.5	19.6	29.4

Manual Integrations
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