

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040669.D
 Acq On : 06 Jul 2023 10:04
 Operator : MA/JU
 Sample : 03248-05DL 5X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023

Quant Time: Jul 06 10:36:52 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 : Wed Jul 05 09:30:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.907	152	12275	0.400	ng/ul	0.00
4) Naphthalene-d8	10.712	136	45256	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.549	164	21587	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	39602	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	25698	0.400	ng/ul	0.00
23) Perylene-d12	23.888	264	27721	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.308	96	10600	0.550	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.301	152	2497	0.039	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	4037	0.049	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.762	128	6795	0.054	ng/ul#	93
7) 2-Methylnaphthalene	12.378	142	1958	0.027	ng/ul	97
10) Acenaphthylene	14.272	152	4553	0.047	ng/ul#	89
15) Phenanthrene	17.341	178	18304	0.149	ng/ul	98
16) Anthracene	17.434	178	5779	0.056	ng/ul#	88
19) Fluoranthene	19.361	202	46838	0.429	ng/ul	97
20) Pyrene	19.724	202	40920	0.350	ng/ul	98
21) Benzo(a)anthracene	21.471	228	23205	0.267	ng/ul#	92
22) Chrysene	21.524	228	24835	0.250	ng/ul#	92
24) Benzo(b)fluoranthene	23.157	252	44791	0.418	ng/ul	98
25) Benzo(k)fluoranthene	23.198	252	13752m	0.130	ng/ul	
26) Benzo(a)pyrene	23.780	252	24070	0.249	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.380	276	22615	0.168	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.384	278	5326	0.051	ng/ul#	60
29) Benzo(g,h,i)perylene	27.148	276	19640	0.166	ng/ul	97

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

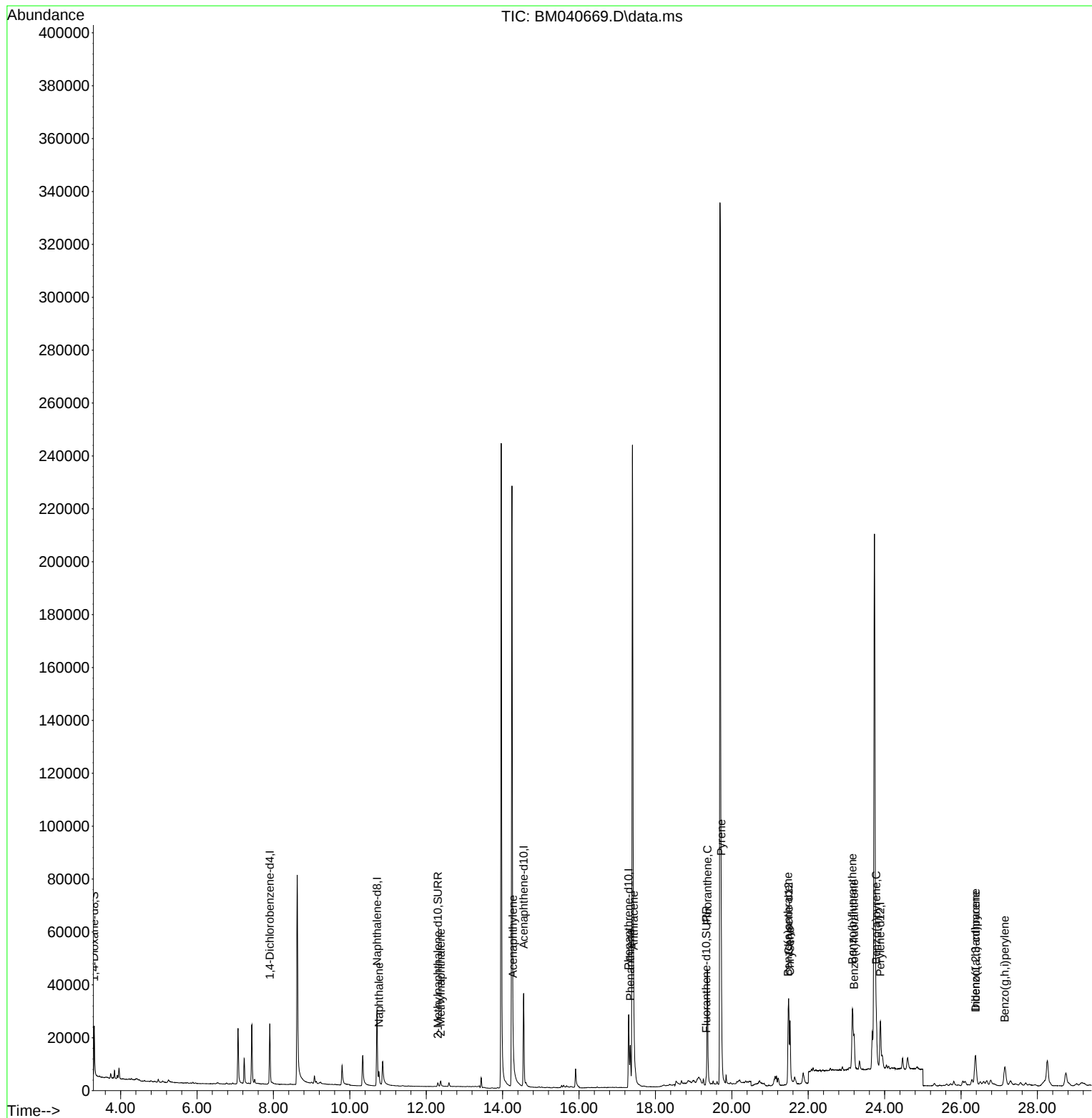
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040669.D
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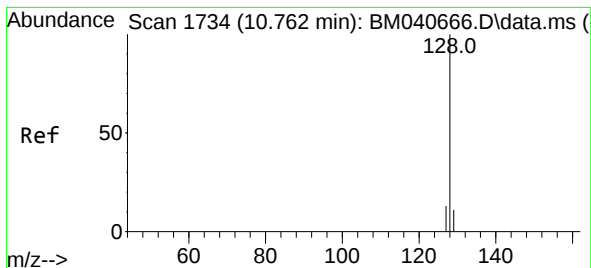
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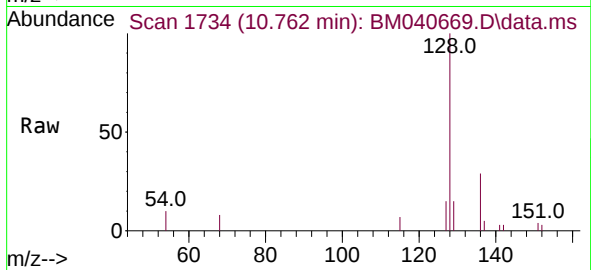
Quant Time: Jul 06 10:36:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.762 min Scan# 1734
Delta R.T. -0.004 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

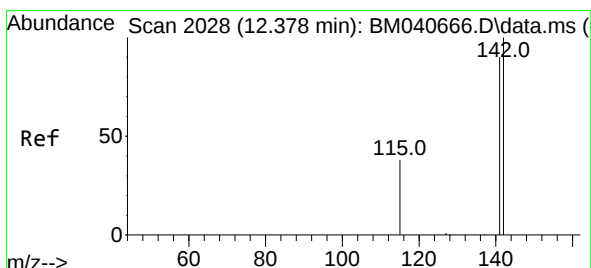
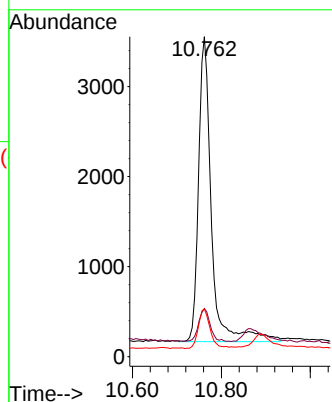
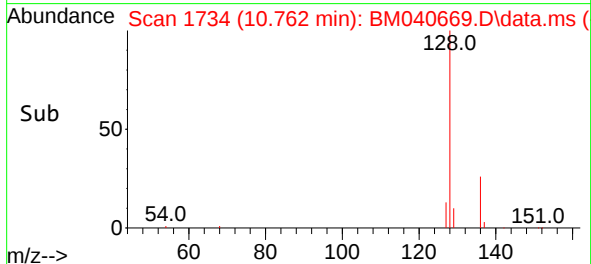
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:128 Resp: 6795
Ion Ratio Lower Upper
128 100
129 15.1 9.2 13.8
127 14.9 10.6 15.8

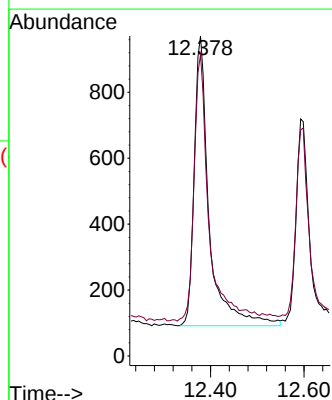
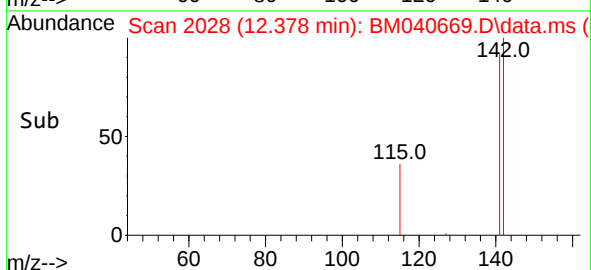
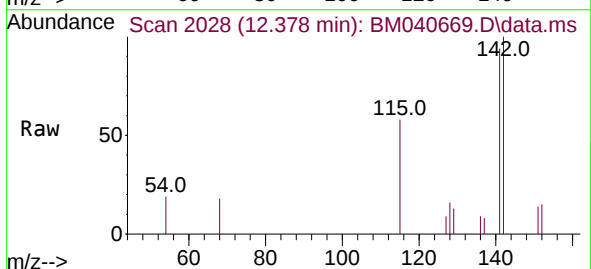
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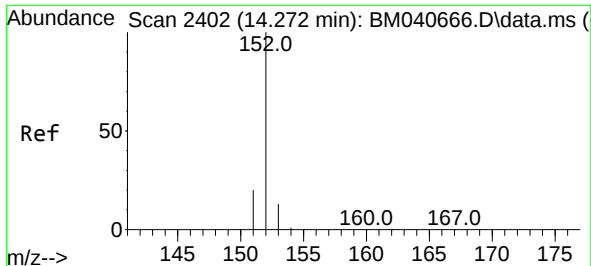
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#7
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.378 min Scan# 2028
Delta R.T. -0.004 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

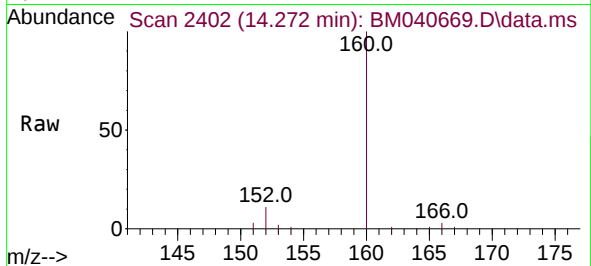
Tgt Ion:142 Resp: 1958
Ion Ratio Lower Upper
142 100
141 92.5 71.9 107.9





#10
Acenaphthylene
Concen: 0.047 ng/ul
RT: 14.272 min Scan# 2402
Delta R.T. -0.008 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

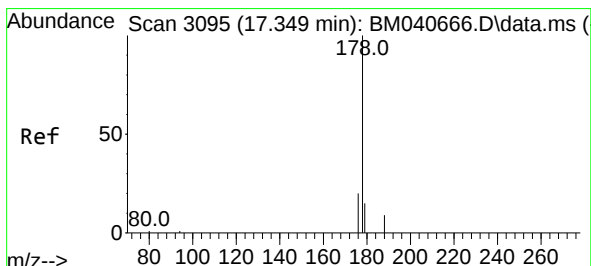
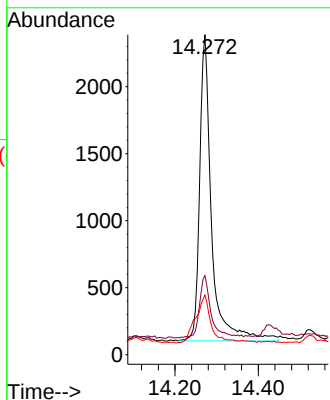
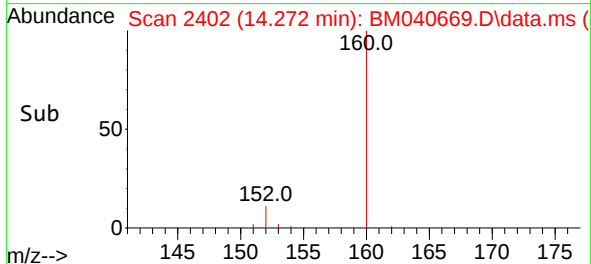
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:152 Resp: 455
Ion Ratio Lower Upper
152 100
151 24.7 16.2 24.2
153 18.6 10.9 16.3

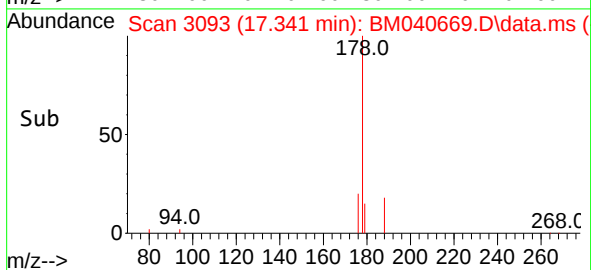
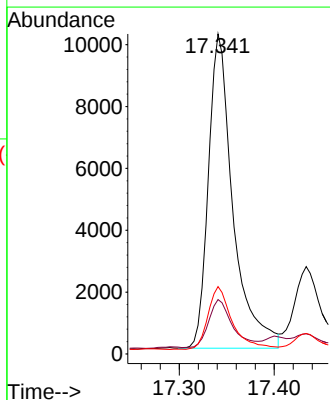
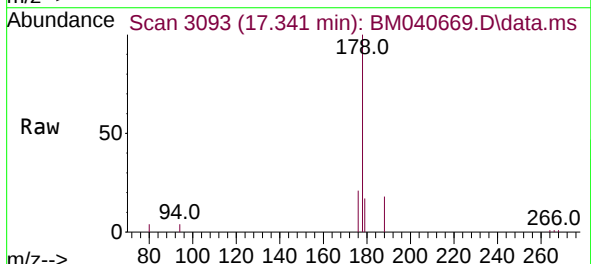
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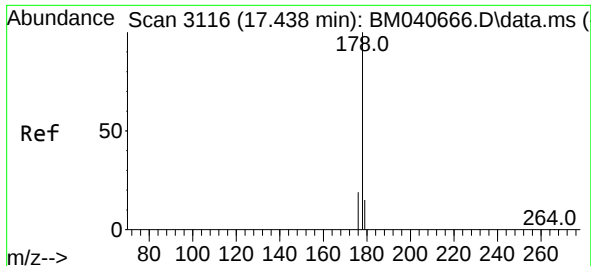
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#15
Phenanthrene
Concen: 0.149 ng/ul
RT: 17.341 min Scan# 3093
Delta R.T. -0.011 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

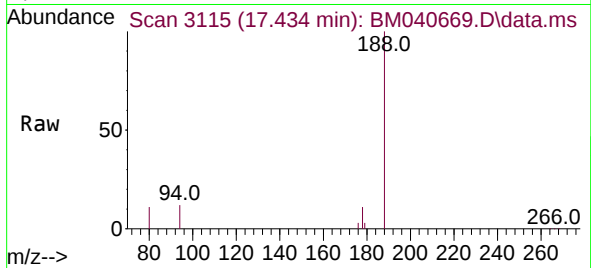
Tgt Ion:178 Resp: 18304
Ion Ratio Lower Upper
178 100
179 17.0 12.8 19.2
176 21.1 16.4 24.6





#16
 Anthracene
 Concen: 0.056 ng/ul
 RT: 17.434 min Scan# 3115
 Delta R.T. -0.011 min
 Lab File: BM040669.D
 Acq: 06 Jul 2023 10:04

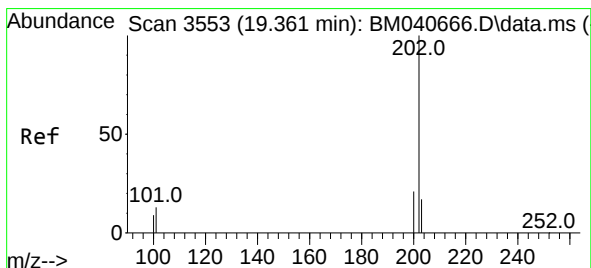
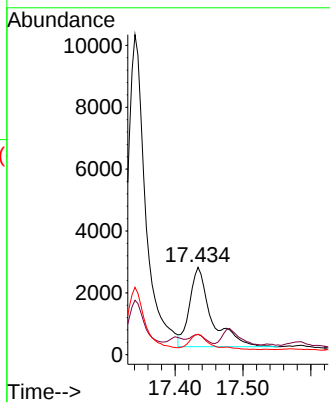
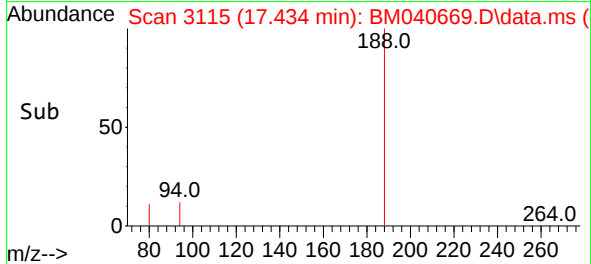
Instrument :
 BNA_M
 ClientSampleId :
 DCGN3DL



Tgt Ion:178 Resp: 5779
 Ion Ratio Lower Upper
 178 100
 179 23.0 12.9 19.3
 176 23.5 15.8 23.6

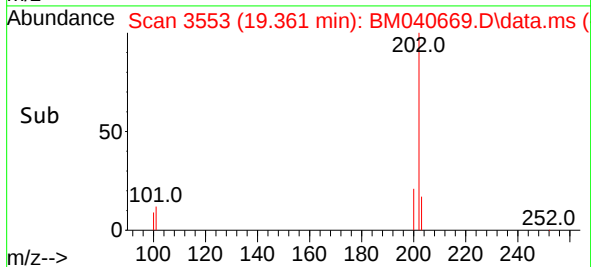
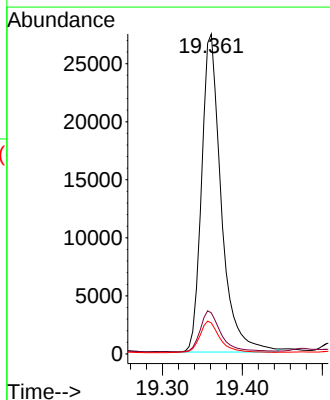
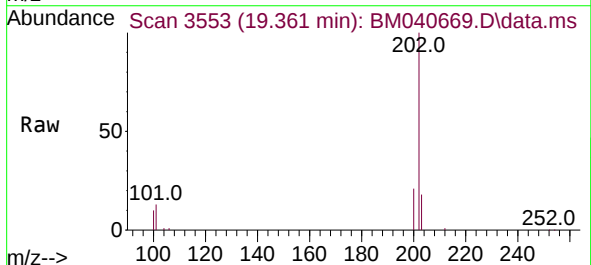
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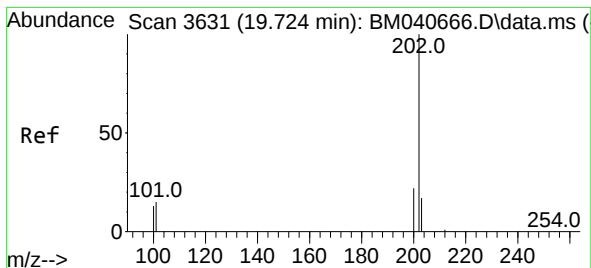
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#19
 Fluoranthene
 Concen: 0.429 ng/ul
 RT: 19.361 min Scan# 3553
 Delta R.T. -0.008 min
 Lab File: BM040669.D
 Acq: 06 Jul 2023 10:04

Tgt Ion:202 Resp: 46838
 Ion Ratio Lower Upper
 202 100
 101 12.8 11.4 17.0
 100 9.7 8.7 13.1





#20

Pyrene

Concen: 0.350 ng/ul

RT: 19.724 min Scan# 30

Delta R.T. -0.008 min

Lab File: BM040669.D

Acq: 06 Jul 2023 10:04

Instrument :

BNA_M

ClientSampleId :

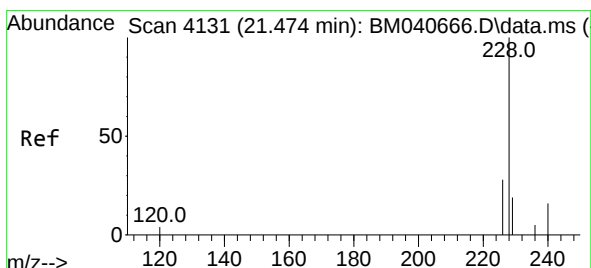
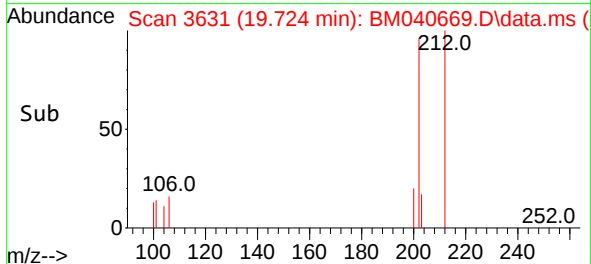
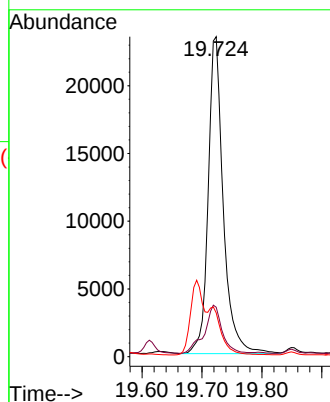
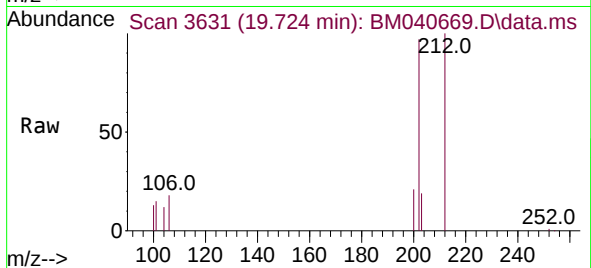
DCGN3DL

Tgt Ion:	202	Resp:	40920
Ion Ratio	Lower	Upper	
202	100		
101	15.4	12.6	18.8
100	13.7	9.8	14.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023



#21

Benzo(a)anthracene

Concen: 0.267 ng/ul

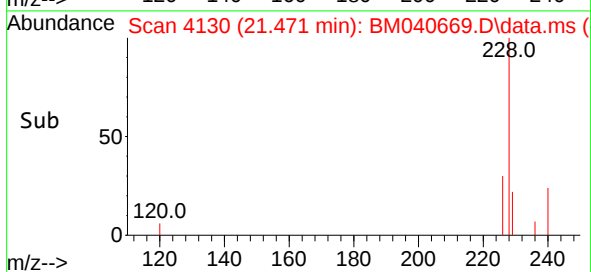
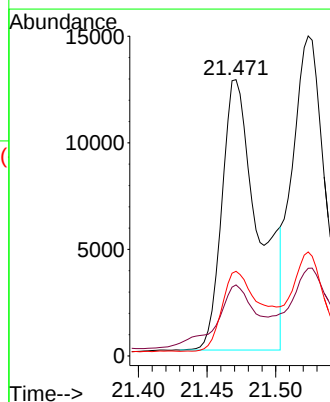
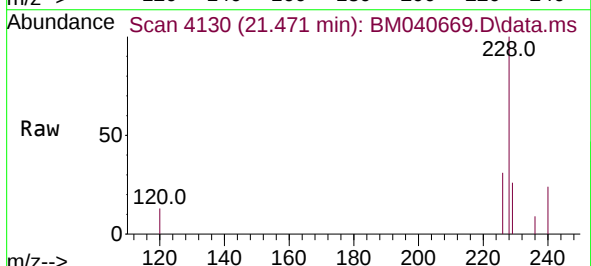
RT: 21.471 min Scan# 4130

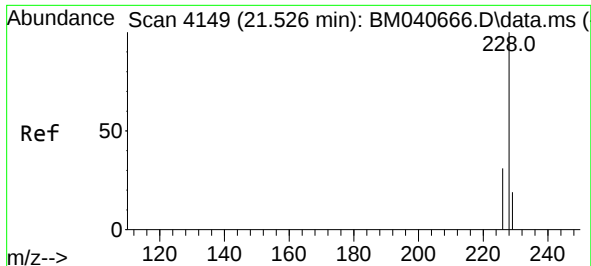
Delta R.T. -0.007 min

Lab File: BM040669.D

Acq: 06 Jul 2023 10:04

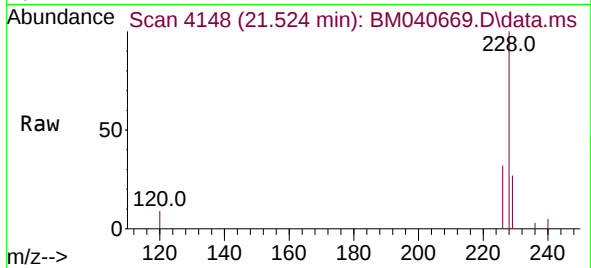
Tgt Ion:	228	Resp:	23205
Ion Ratio	Lower	Upper	
228	100		
229	25.7	16.0	24.0#
226	30.6	22.3	33.5





#22
Chrysene
Concen: 0.250 ng/ul
RT: 21.524 min Scan# 4149
Delta R.T. -0.007 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

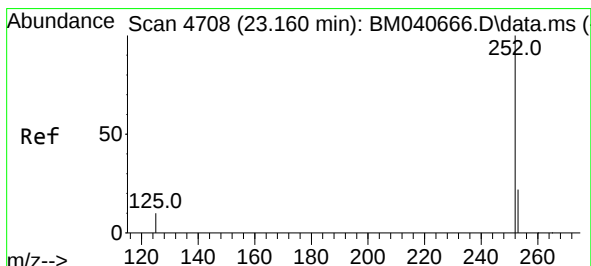
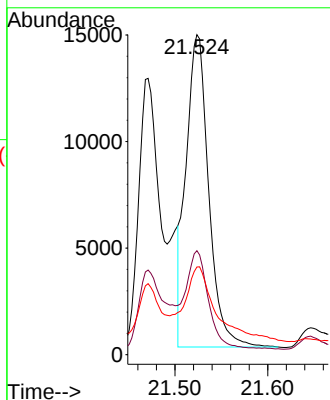
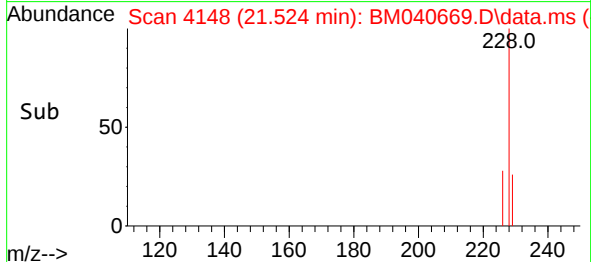
Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:228 Resp: 24835
Ion Ratio Lower Upper
228 100
226 32.5 24.9 37.3
229 27.4 15.8 23.6

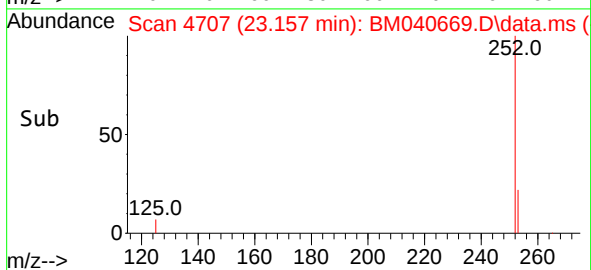
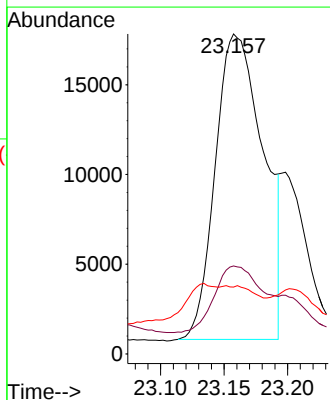
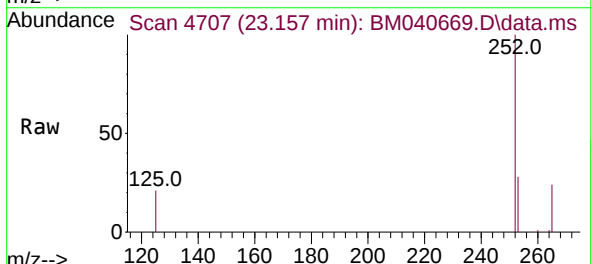
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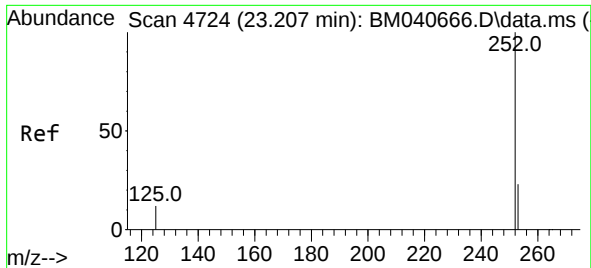
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



#24
Benzo(b)fluoranthene
Concen: 0.418 ng/ul
RT: 23.157 min Scan# 4707
Delta R.T. -0.010 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

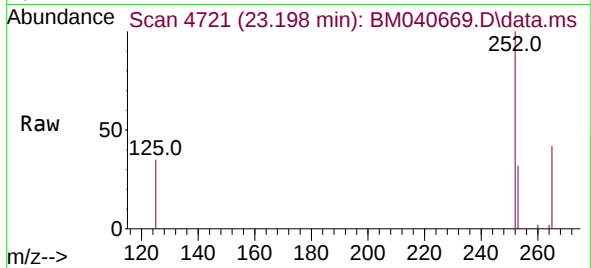
Tgt Ion:252 Resp: 44791
Ion Ratio Lower Upper
252 100
253 27.5 0.0 52.8
125 20.9 0.0 43.0





#25
Benzo(k)fluoranthene
Concen: 0.130 ng/ul m
RT: 23.198 min Scan# 4721
Delta R.T. -0.013 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

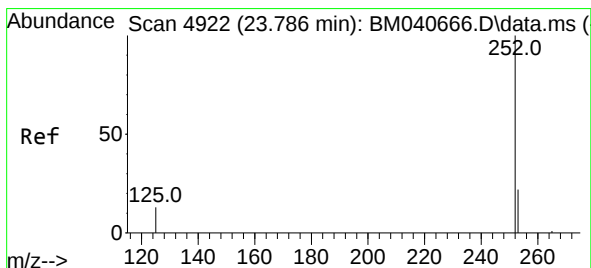
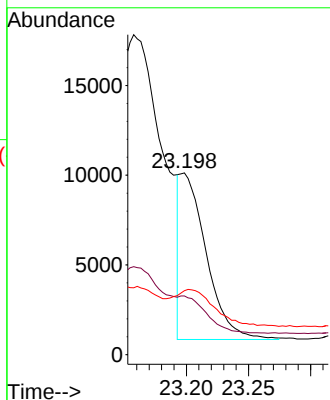
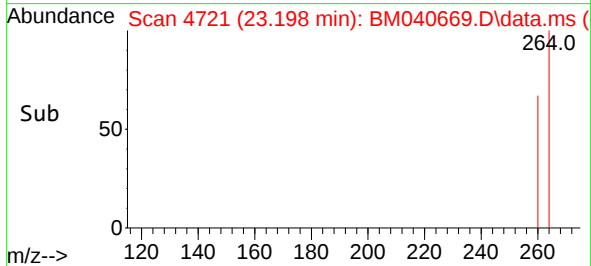
Instrument :
BNA_M
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DCGN3DL



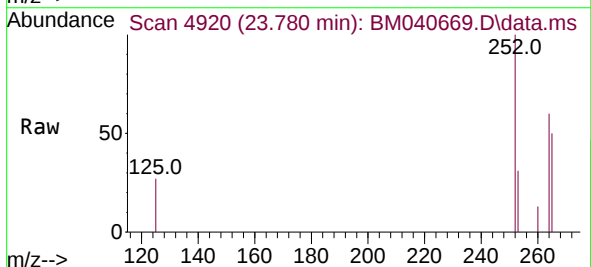
Tgt Ion:252 Resp: 13752
Ion Ratio Lower Upper
252 100
253 32.3 21.2 31.8
125 35.2 16.4 24.6

Manual Integrations
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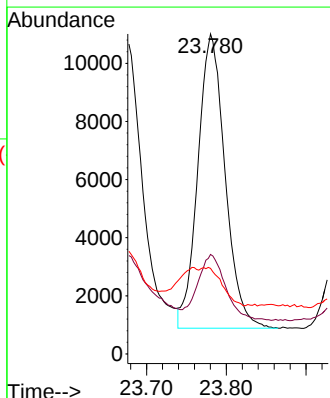
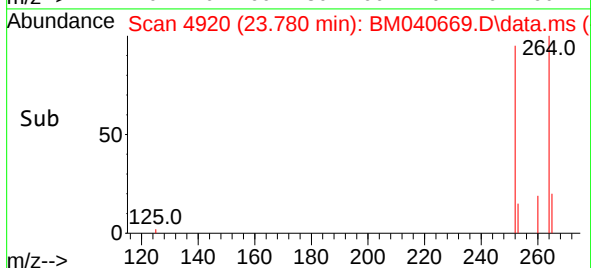
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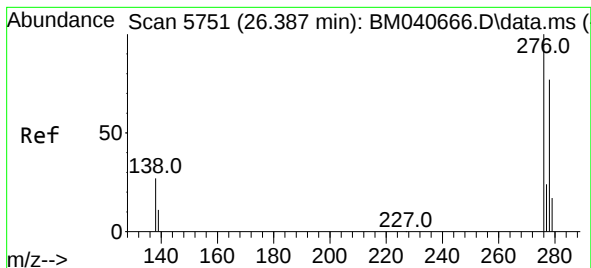


#26
Benzo(a)pyrene
Concen: 0.249 ng/ul
RT: 23.780 min Scan# 4920
Delta R.T. -0.013 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04



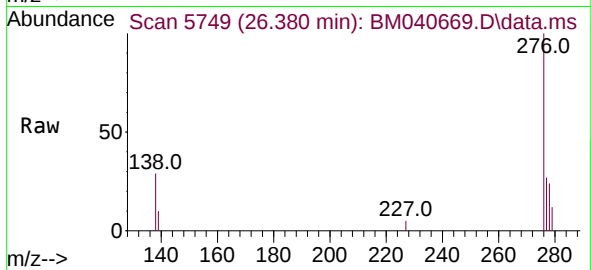
Tgt Ion:252 Resp: 24070
Ion Ratio Lower Upper
252 100
253 31.1 22.9 34.3
125 26.7 21.0 31.4





#27
 Indeno(1,2,3-cd)pyrene
 Concen: 0.168 ng/ul
 RT: 26.380 min Scan# 5749
 Delta R.T. -0.009 min
 Lab File: BM040669.D
 Acq: 06 Jul 2023 10:04

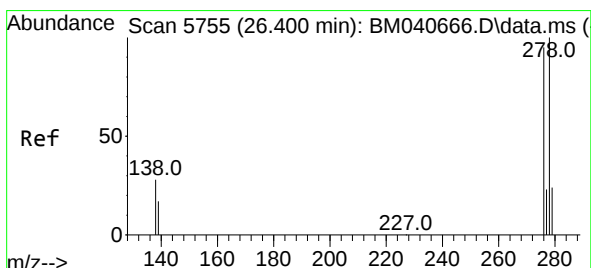
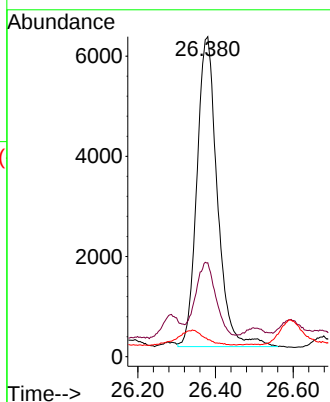
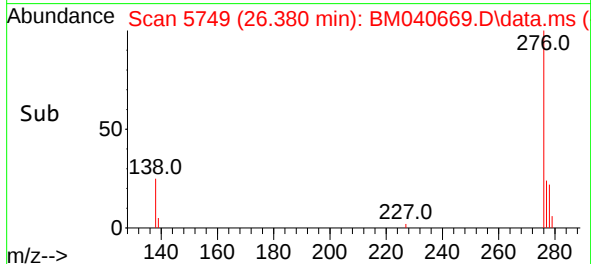
Instrument :
 BNA_M
 ClientSampleId :
 DCGN3DL



Tgt Ion:276 Resp: 2261
 Ion Ratio Lower Upper
 276 100
 138 23.1 24.5 36.7#
 227 0.0 0.1 0.1#

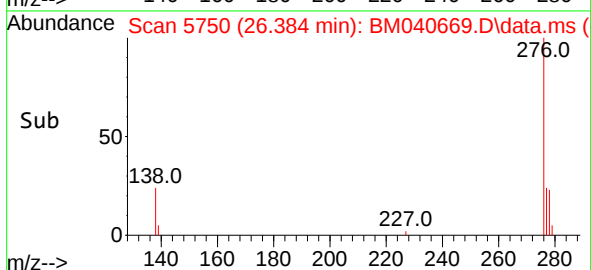
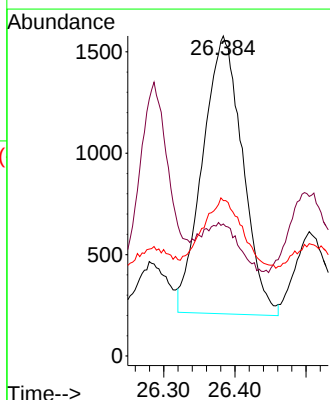
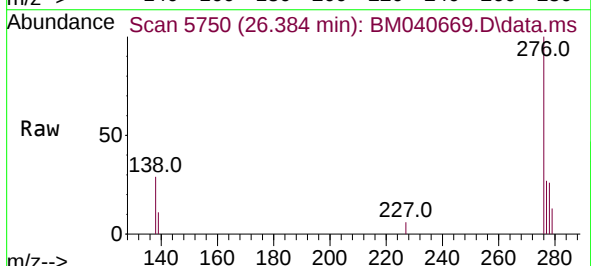
Manual Integrations
 APPROVED

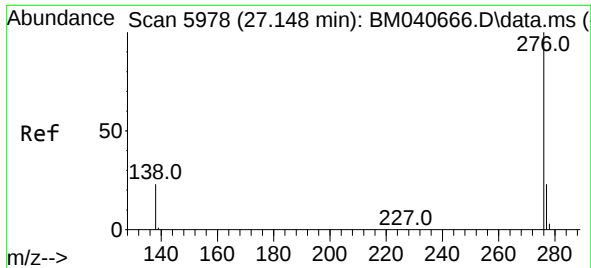
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



#28
 Dibenzo(a,h)anthracene
 Concen: 0.051 ng/ul
 RT: 26.384 min Scan# 5750
 Delta R.T. -0.025 min
 Lab File: BM040669.D
 Acq: 06 Jul 2023 10:04

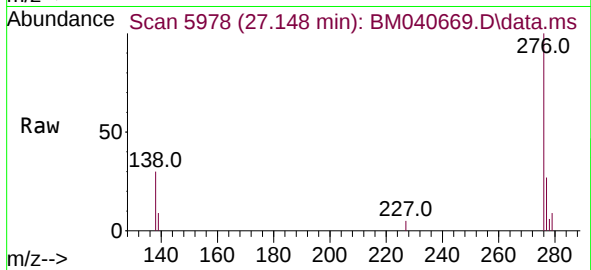
Tgt Ion:278 Resp: 5326
 Ion Ratio Lower Upper
 278 100
 139 41.3 17.9 26.9#
 279 48.5 22.0 33.0#





#29
Benzo(g,h,i)perylene
Concen: 0.166 ng/ul
RT: 27.148 min Scan# 5978
Delta R.T. -0.015 min
Lab File: BM040669.D
Acq: 06 Jul 2023 10:04

Instrument :
BNA_M
ClientSampleId :
DCGN3DL



Tgt Ion:276 Resp: 19640
Ion Ratio Lower Upper
276 100
138 30.0 23.0 34.6
277 27.2 20.3 30.5

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