

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040648.D
 Acq On : 05 Jul 2023 19:38
 Operator : MA/JU
 Sample : 03245-05DL 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGG3DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Sohil Jodhani 07/05/2023

Quant Time: Jul 05 20:31:48 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	7.911	152	5552	0.400	ng/ul	0.00
4) Naphthalene-d8	10.718	136	21345	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.554	164	9961	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.307	188	18002	0.400	ng/ul	0.00
17) Chrysene-d12	21.495	240	11990	0.400	ng/ul	0.00
23) Perylene-d12	23.894	264	12405	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.313	96	2734	0.313	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.313	152	622	0.021	ng/ul	0.00
18) Fluoranthene-d10	19.333	212	865	0.023	ng/ul	0.00
Target Compounds						
					Qvalue	
15) Phenanthrene	17.349	178	4663	0.083	ng/ul#	90
16) Anthracene	17.438	178	1069	0.023	ng/ul#	54
19) Fluoranthene	19.366	202	12767	0.251	ng/ul	98
20) Pyrene	19.728	202	11163	0.204	ng/ul#	96
21) Benzo(a)anthracene	21.477	228	6126	0.151	ng/ul#	91
22) Chrysene	21.530	228	5840	0.126	ng/ul#	93
24) Benzo(b)fluoranthene	23.166	252	9689	0.202	ng/ul	68
25) Benzo(k)fluoranthene	23.204	252	3389m	0.072	ng/ul	
26) Benzo(a)pyrene	23.789	252	5714	0.132	ng/ul#	58
27) Indeno(1,2,3-cd)pyrene	26.390	276	5112	0.085	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.404	278	1385	0.029	ng/ul#	1
29) Benzo(g,h,i)perylene	27.159	276	5098	0.097	ng/ul#	75

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

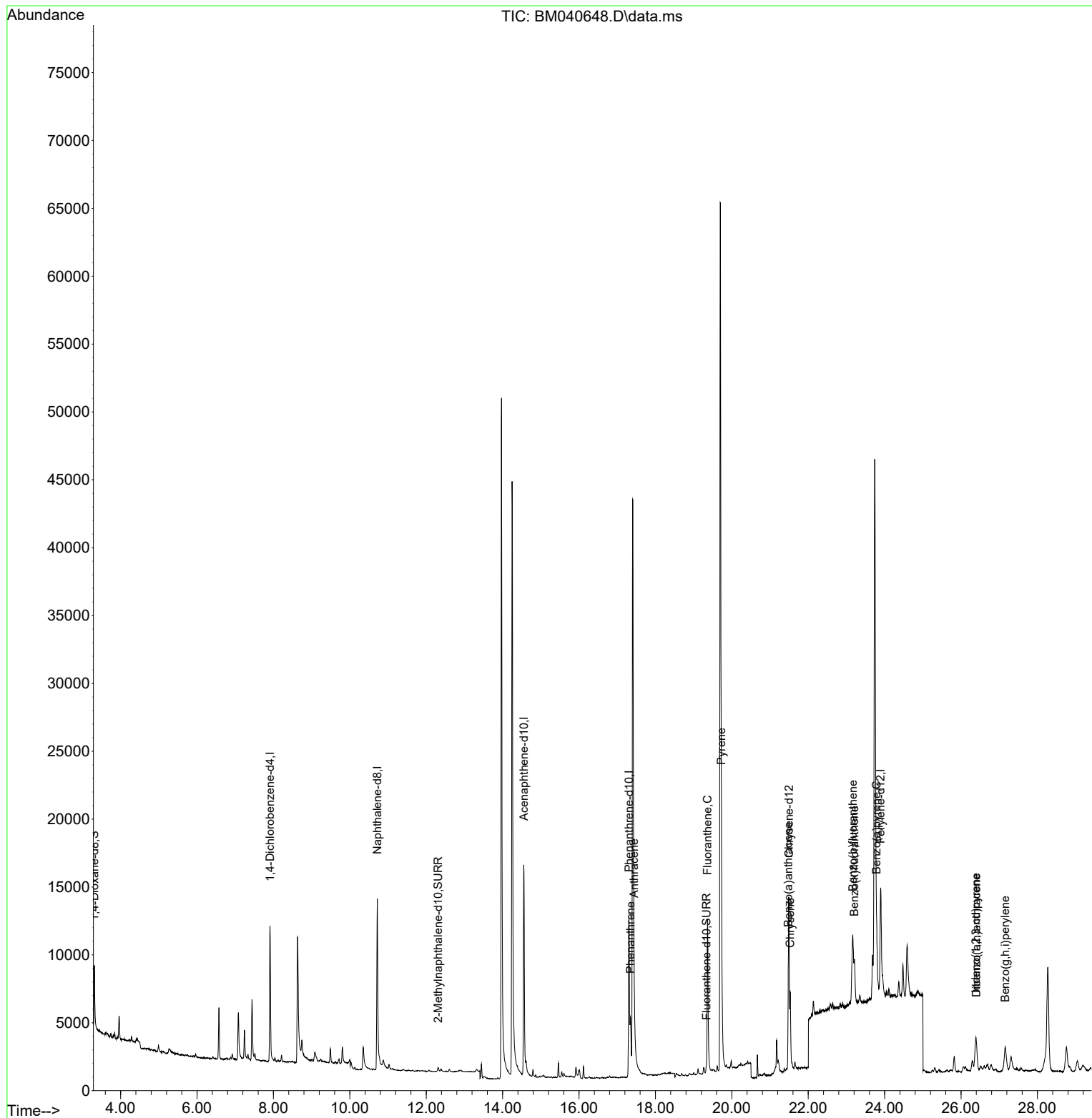
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040648.D
Acq On : 05 Jul 2023 19:38
Operator : MA/JU
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ALS Vial : 18 Sample Multiplier: 1

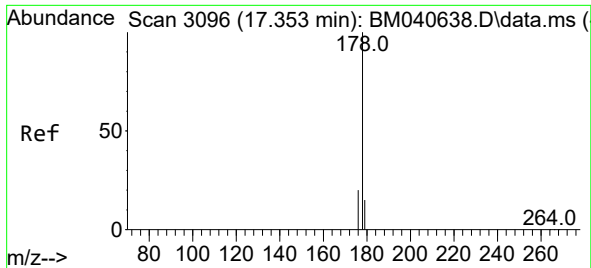
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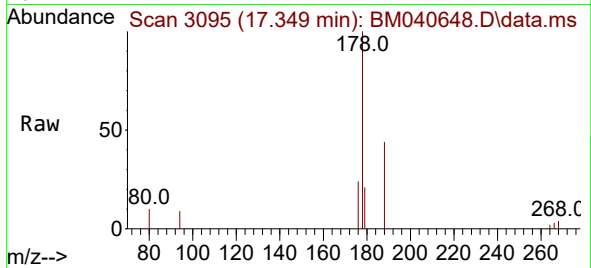
Quant Time: Jul 05 20:31:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
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#15
Phenanthrene
Concen: 0.083 ng/ul
RT: 17.349 min Scan# 3095
Delta R.T. -0.003 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

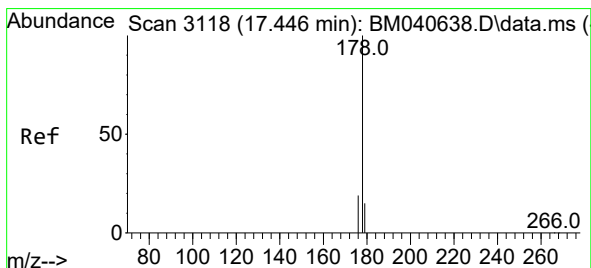
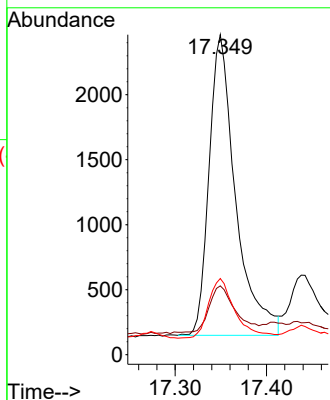
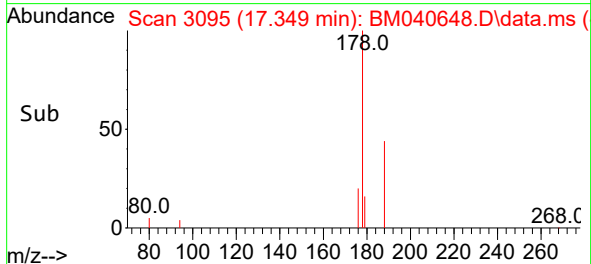
Instrument :
BNA_M
ClientSampleId :
DCGG3DL



Tgt Ion:178 Resp: 466
Ion Ratio Lower Upper
178 100
179 21.5 12.8 19.2
176 23.8 16.4 24.6

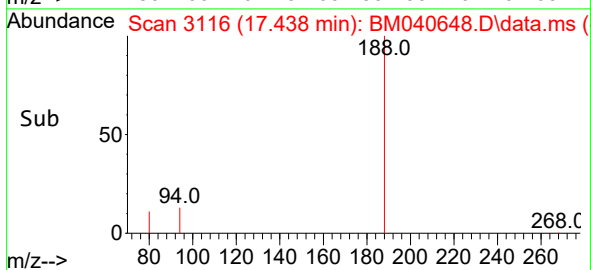
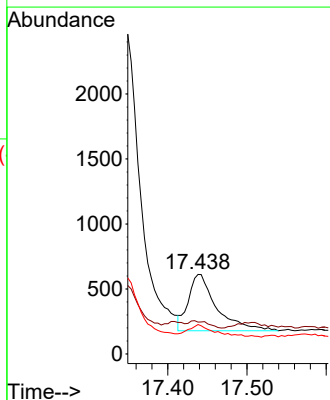
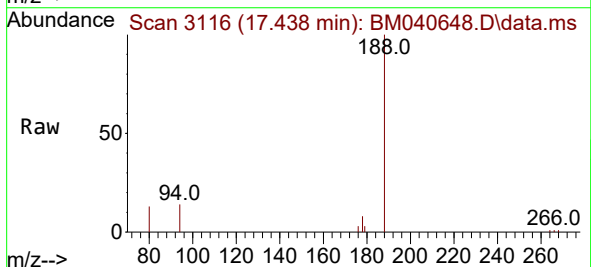
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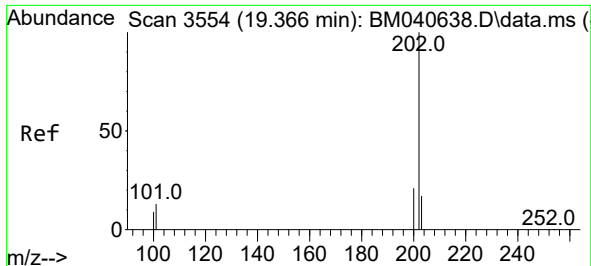
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#16
Anthracene
Concen: 0.023 ng/ul
RT: 17.438 min Scan# 3116
Delta R.T. -0.007 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

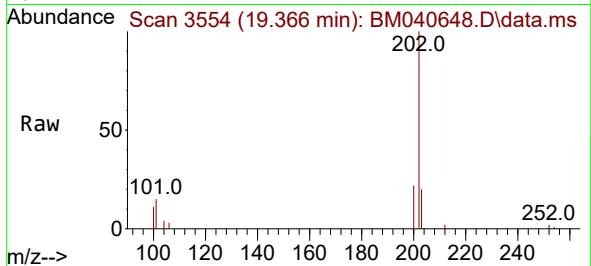
Tgt Ion:178 Resp: 1069
Ion Ratio Lower Upper
178 100
179 40.0 12.9 19.3#
176 37.1 15.8 23.6#





#19
Fluoranthene
Concen: 0.251 ng/ul
RT: 19.366 min Scan# 3554
Delta R.T. -0.003 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

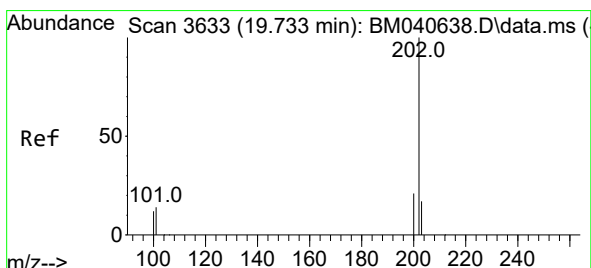
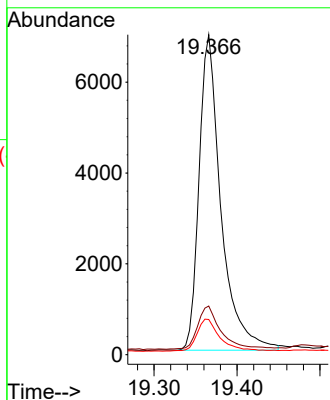
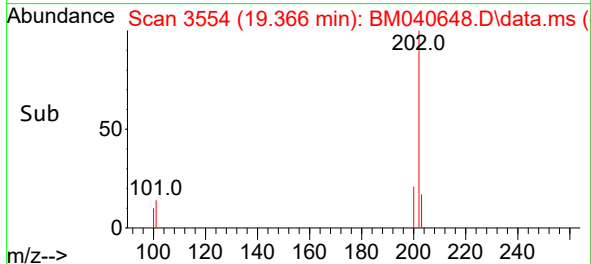
Instrument :
BNA_M
ClientSampleId :
DCGG3DL



Tgt Ion:202 Resp: 1276
Ion Ratio Lower Upper
202 100
101 15.2 11.4 17.0
100 11.0 8.7 13.1

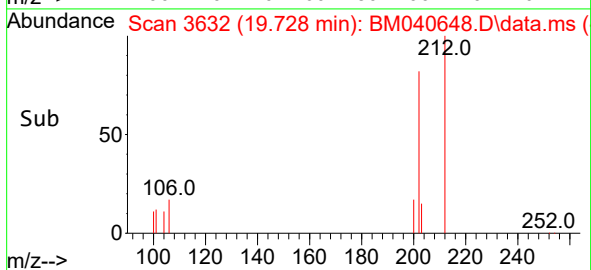
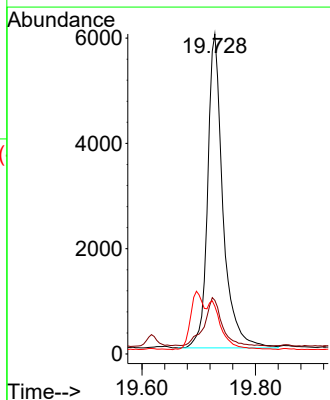
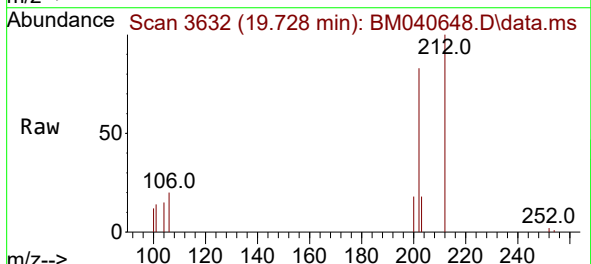
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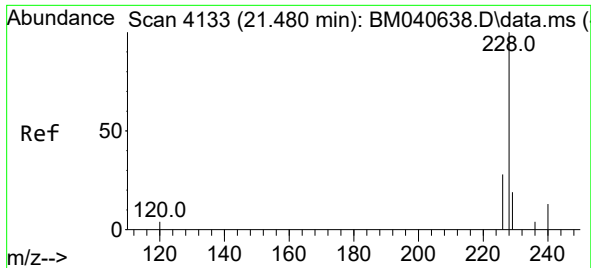
Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#20
Pyrene
Concen: 0.204 ng/ul
RT: 19.728 min Scan# 3632
Delta R.T. -0.003 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

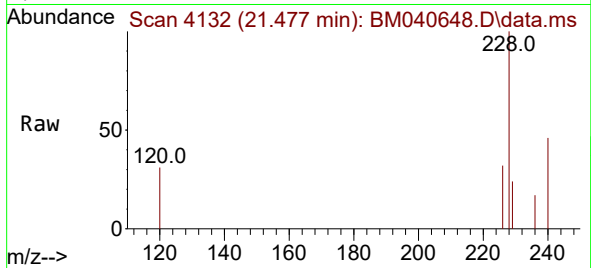
Tgt Ion:202 Resp: 11163
Ion Ratio Lower Upper
202 100
101 16.7 12.6 18.8
100 14.9 9.8 14.6#





#21
Benzo(a)anthracene
Concen: 0.151 ng/ul
RT: 21.477 min Scan# 4133
Delta R.T. -0.001 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

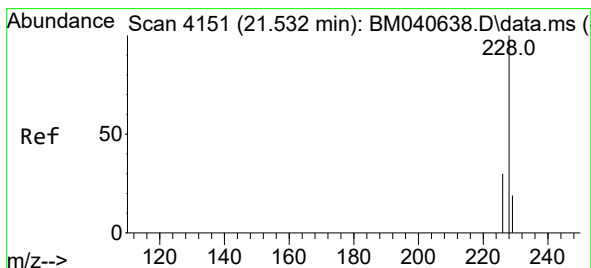
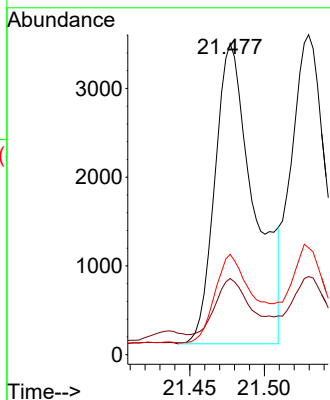
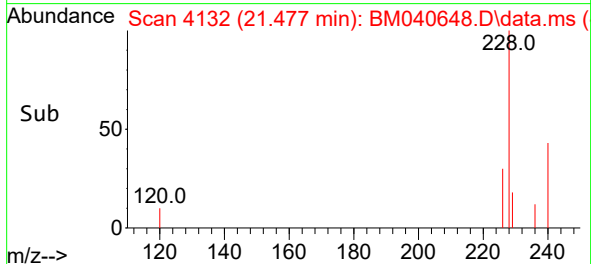
Instrument :
BNA_M
ClientSampleId :
DCGG3DL



Tgt Ion:228 Resp: 6120
Ion Ratio Lower Upper
228 100
229 24.5 16.0 24.0
226 32.2 22.3 33.5

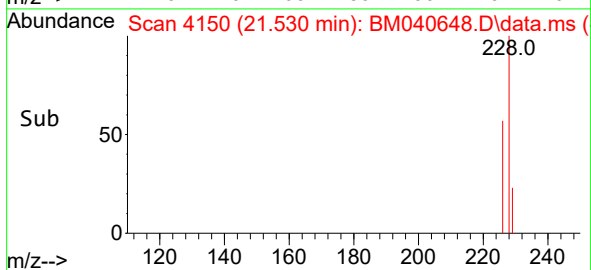
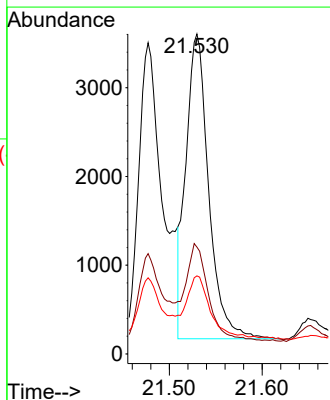
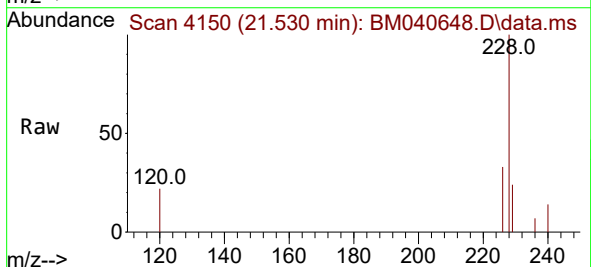
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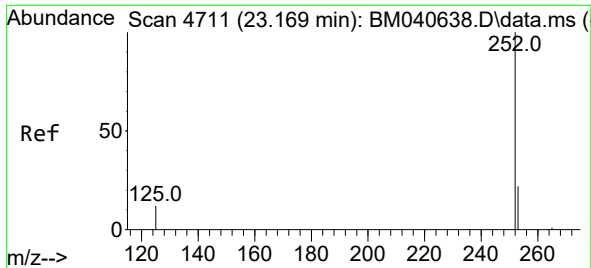
Reviewed By :Yogesh Patel 07/05/2023
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#22
Chrysene
Concen: 0.126 ng/ul
RT: 21.530 min Scan# 4150
Delta R.T. -0.001 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

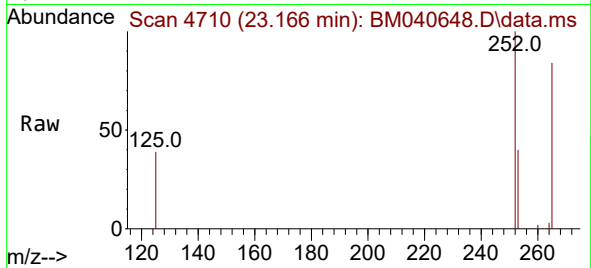
Tgt Ion:228 Resp: 5840
Ion Ratio Lower Upper
228 100
226 33.4 24.9 37.3
229 24.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 0.202 ng/ul
RT: 23.166 min Scan# 4710
Delta R.T. -0.001 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

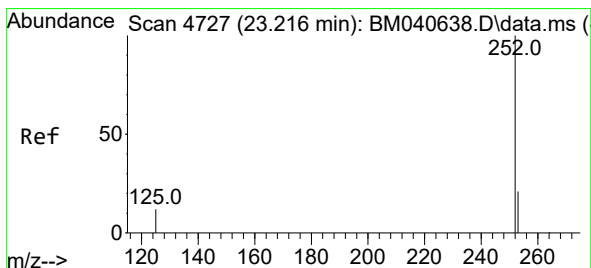
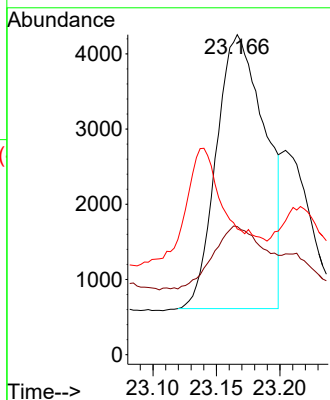
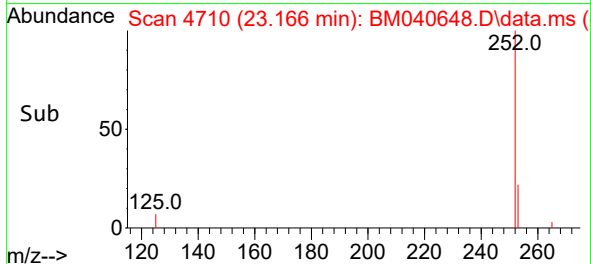
Instrument :
BNA_M
ClientSampleId :
DCGG3DL



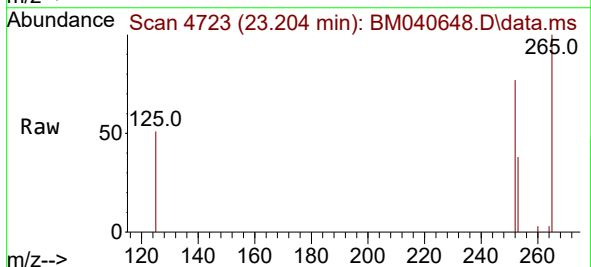
Tgt Ion:252 Resp: 9689
Ion Ratio Lower Upper
252 100
253 40.0 0.0 52.8
125 39.3 0.0 43.0

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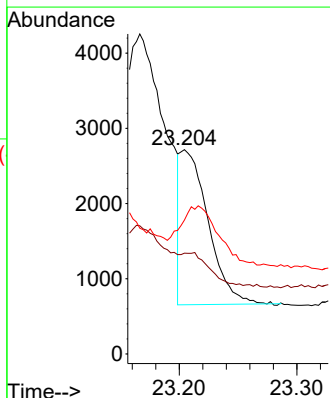
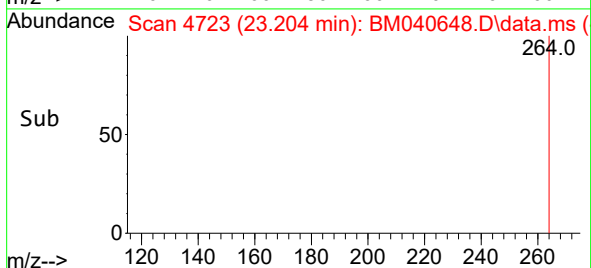
Reviewed By :Yogesh Patel 07/05/2023
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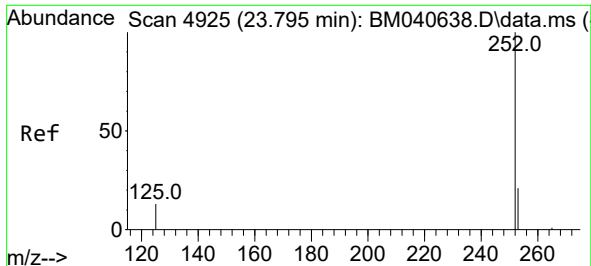


#25
Benzo(k)fluoranthene
Concen: 0.072 ng/ul m
RT: 23.204 min Scan# 4723
Delta R.T. -0.007 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38



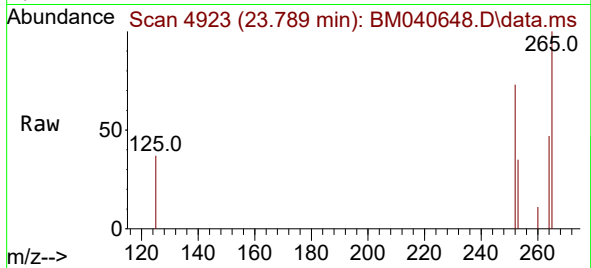
Tgt Ion:252 Resp: 3389
Ion Ratio Lower Upper
252 100
253 49.3 21.2 31.8#
125 65.6 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.132 ng/ul
RT: 23.789 min Scan# 4923
Delta R.T. -0.004 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

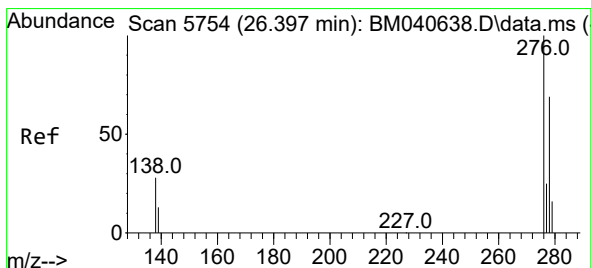
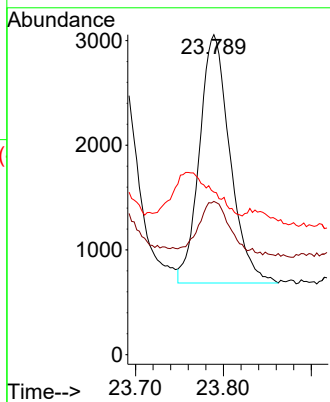
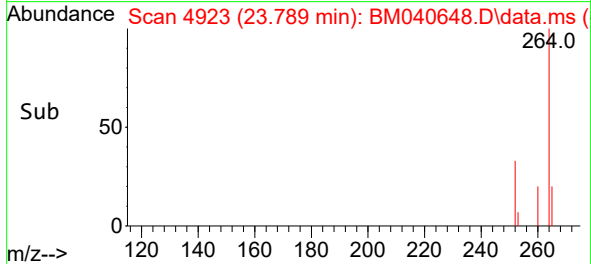
Instrument :
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DCGG3DL



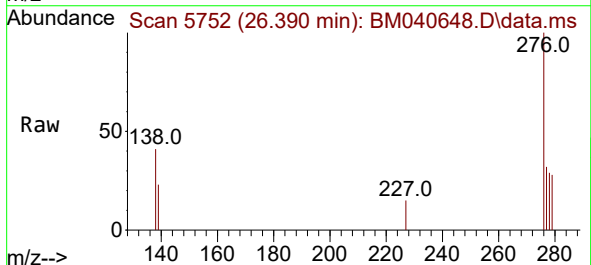
Tgt Ion:252 Resp: 5714
Ion Ratio Lower Upper
252 100
253 47.9 22.9 34.3
125 50.8 21.0 31.4

Manual Integrations
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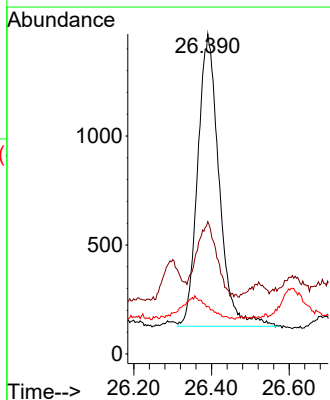
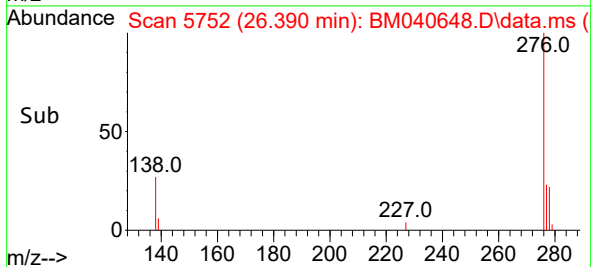
Reviewed By :Yogesh Patel 07/05/2023
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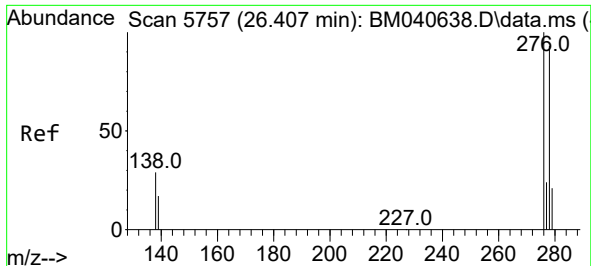


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.085 ng/ul
RT: 26.390 min Scan# 5752
Delta R.T. 0.002 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38



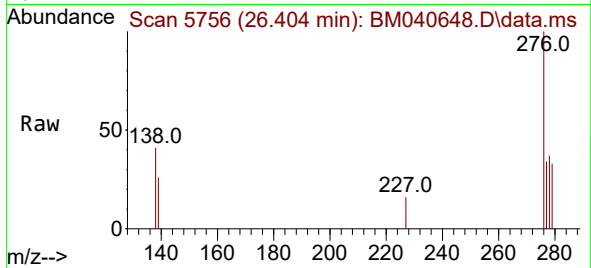
Tgt Ion:276 Resp: 5112
Ion Ratio Lower Upper
276 100
138 24.7 24.5 36.7
227 0.0 0.1 0.1





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.404 min Scan# 5756
Delta R.T. -0.005 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38

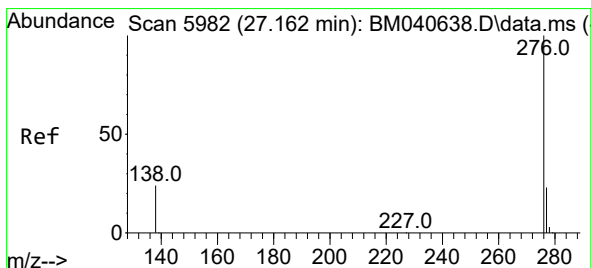
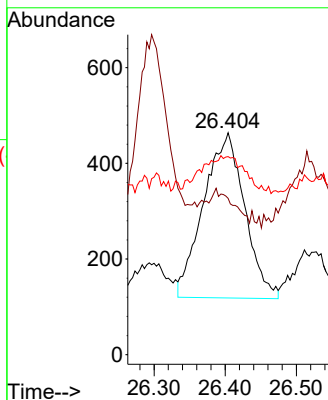
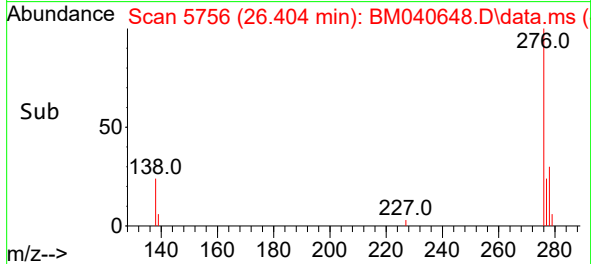
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DCGG3DL



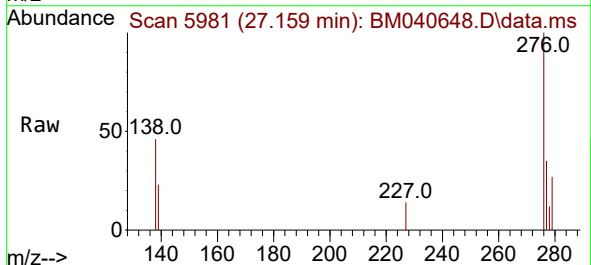
Tgt Ion:278 Resp: 1385
Ion Ratio Lower Upper
278 100
139 70.5 17.9 26.9#
279 89.2 22.0 33.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/05/2023
Supervised By :Sohil Jodhani 07/05/2023



#29
Benzo(g,h,i)perylene
Concen: 0.097 ng/ul
RT: 27.159 min Scan# 5981
Delta R.T. -0.005 min
Lab File: BM040648.D
Acq: 05 Jul 2023 19:38



Tgt Ion:276 Resp: 5098
Ion Ratio Lower Upper
276 100
138 45.5 23.0 34.6#
277 34.7 20.3 30.5#

