

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
 Data File : BM040683.D
 Acq On : 06 Jul 2023 18:59
 Operator : MA/JU
 Sample : 03248-08DL 5X
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGN6DL

Manual Integrations
 APPROVED

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

Quant Time: Jul 06 19:42:26 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	7.908	152	5835	0.400	ng/ul	0.00
4) Naphthalene-d8	10.713	136	22964	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.550	164	11223	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.299	188	19967	0.400	ng/ul	-0.01
17) Chrysene-d12	21.489	240	11851	0.400	ng/ul	0.00
23) Perylene-d12	23.892	264	13730	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.309	96	8119	0.886	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.308	152	1900	0.059	ng/ul	0.00
18) Fluoranthene-d10	19.329	212	2623	0.069	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.763	128	1874	0.030	ng/ul#	78
7) 2-Methylnaphthalene	12.379	142	800	0.022	ng/ul	99
10) Acenaphthylene	14.273	152	1615	0.032	ng/ul#	73
15) Phenanthrene	17.346	178	8250	0.133	ng/ul	96
16) Anthracene	17.434	178	1396	0.027	ng/ul#	73
19) Fluoranthene	19.362	202	18115	0.360	ng/ul	98
20) Pyrene	19.724	202	16169	0.300	ng/ul#	95
21) Benzo(a)anthracene	21.472	228	8572	0.214	ng/ul	94
22) Chrysene	21.524	228	8118	0.178	ng/ul#	94
24) Benzo(b)fluoranthene	23.161	252	15558	0.293	ng/ul	79
25) Benzo(k)fluoranthene	23.202	252	4310m	0.082	ng/ul	
26) Benzo(a)pyrene	23.784	252	8930	0.187	ng/ul#	70
27) Indeno(1,2,3-cd)pyrene	26.381	276	7960	0.119	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.391	278	1943	0.037	ng/ul#	1
29) Benzo(g,h,i)perylene	27.149	276	7020	0.120	ng/ul#	84

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

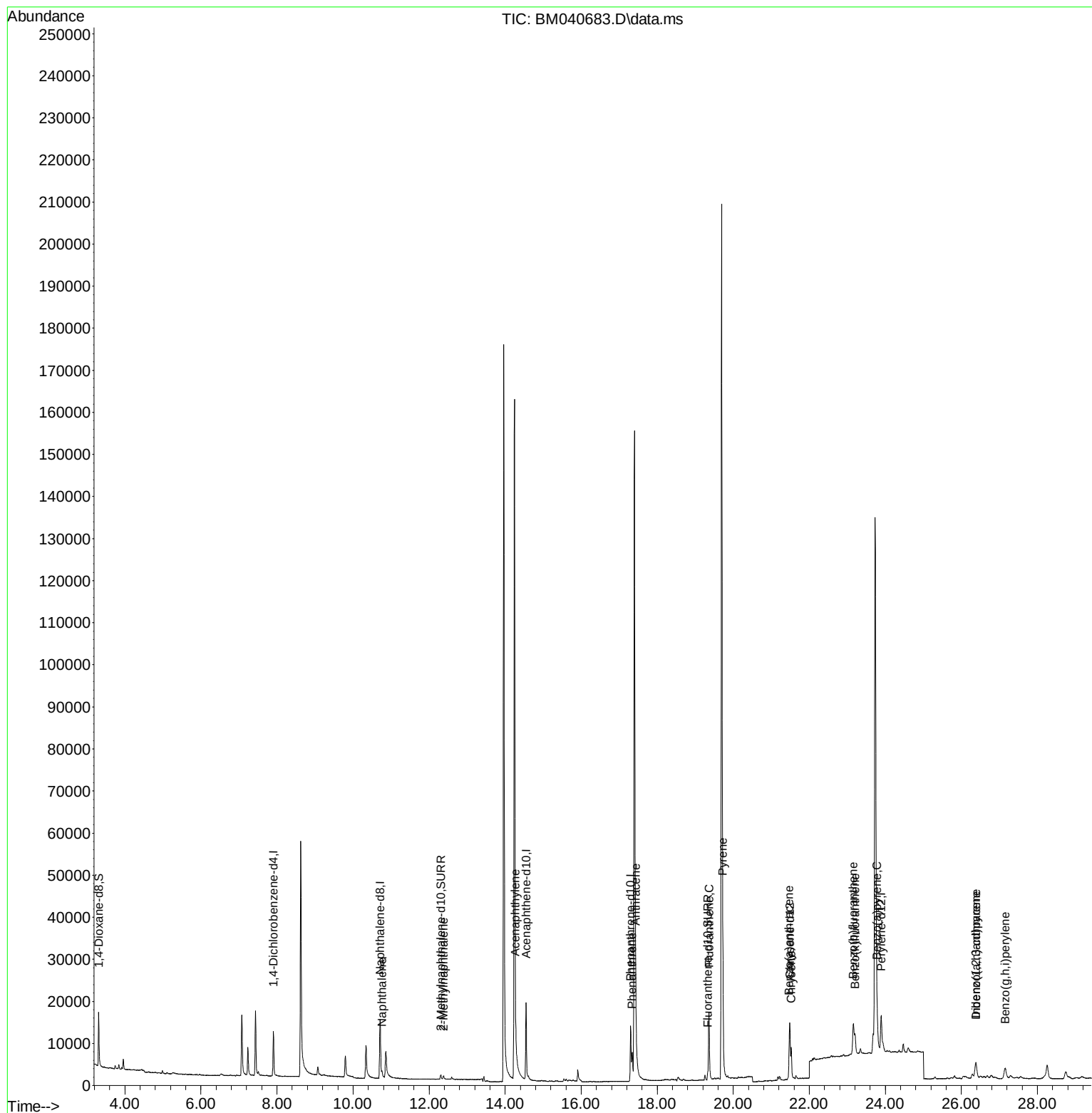
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070523\
Data File : BM040683.D
Acq On : 06 Jul 2023 18:59
Operator : MA/JU
Sample : 03248-08DL 5X
Misc :
ALS Vial : 52 Sample Multiplier: 1

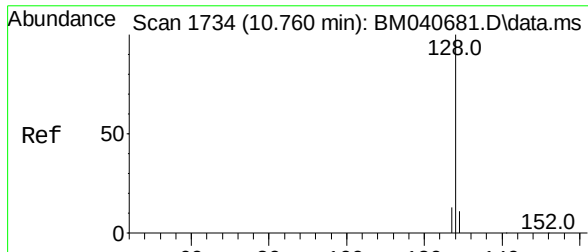
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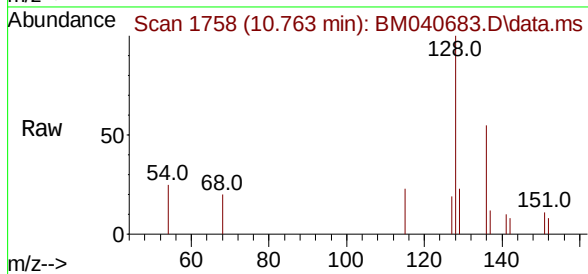
Quant Time: Jul 06 19:42:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 05 09:30:35 2023
Response via : Initial Calibration





Naphthalene
 Concen: 0.030 ng/ul
 RT: 10.763 min Scan# 1753
 Delta R.T. -0.003 min
 Lab File: BM040683.D
 Acq: 06 Jul 2023 18:59

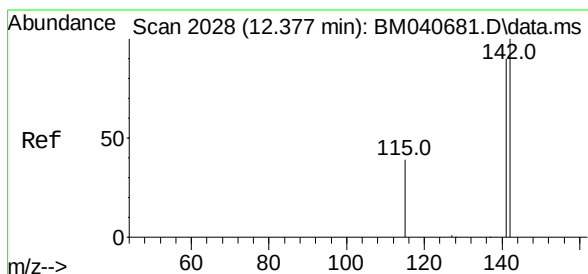
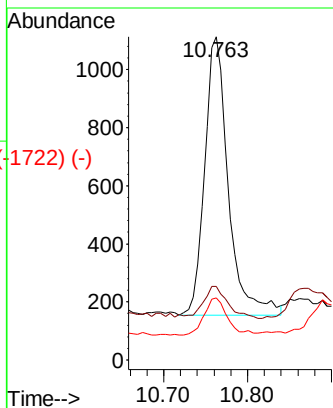
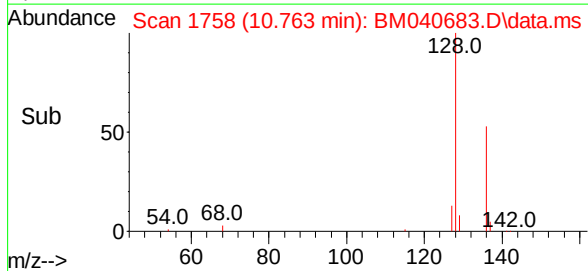
Instrument :
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 ClientSampleId :
 DCGN6DL



Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.8	9.2	13.8
127	19.2	10.6	15.8

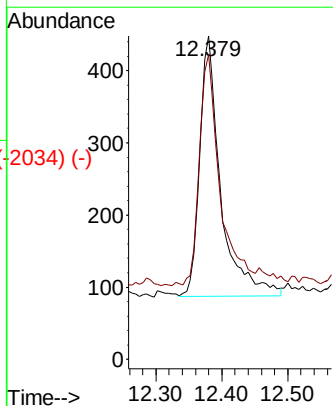
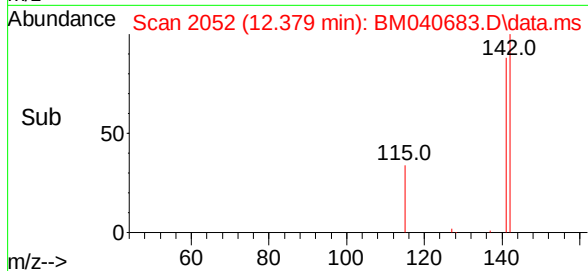
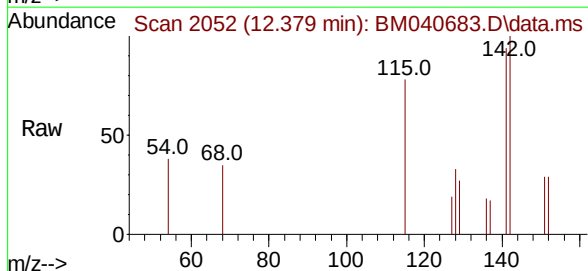
Manual Integrations
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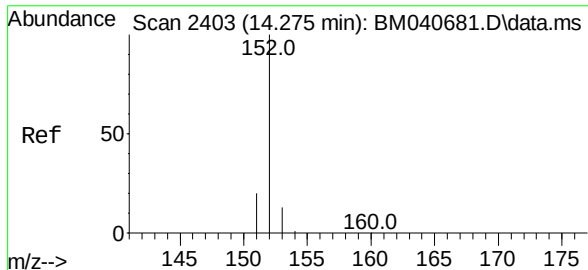
Reviewed By :Yogesh Patel 07/06/2023
 Supervised By :Sohil Jodhani 07/06/2023



2-Methylnaphthalene
 Concen: 0.022 ng/ul
 RT: 12.379 min Scan# 2052
 Delta R.T. -0.003 min
 Lab File: BM040683.D
 Acq: 06 Jul 2023 18:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.9	107.9





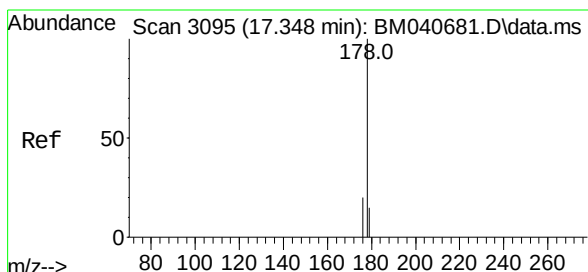
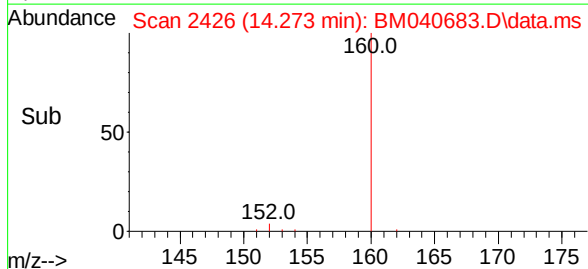
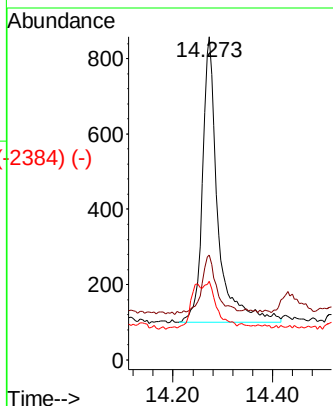
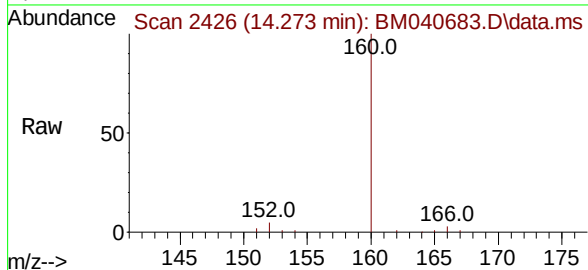
Acenaphthylene
Concen: 0.032 ng/ul
RT: 14.273 min Scan# 3119
Delta R.T. -0.007 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Instrument :
BNA_M
ClientSampleId :
DCGN6DL

Tgt Ion:	152	Resp:	161
Ion Ratio	Lower	Upper	
152	100		
151	32.5	16.2	24.2
153	24.4	10.9	16.3

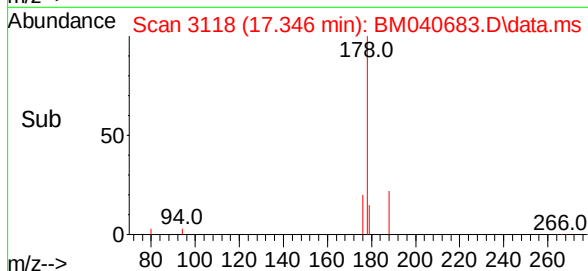
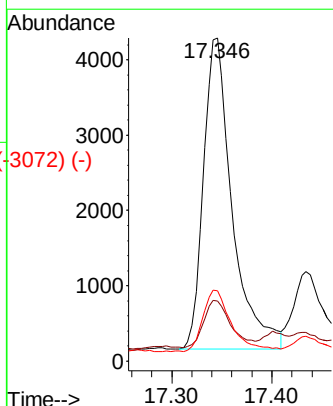
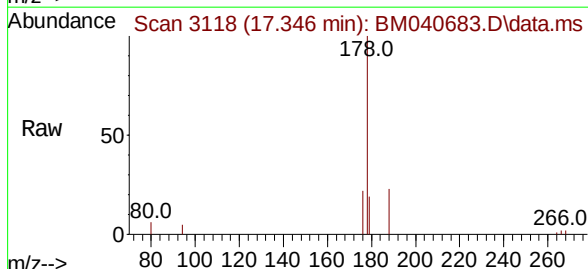
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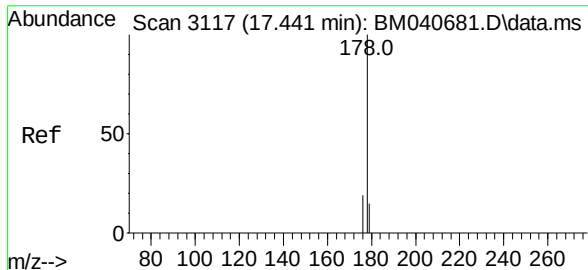
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Phenanthrene
Concen: 0.133 ng/ul
RT: 17.346 min Scan# 3118
Delta R.T. -0.006 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

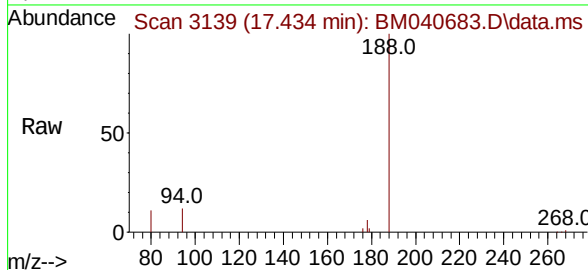
Tgt Ion:	178	Resp:	8250
Ion Ratio	Lower	Upper	
178	100		
179	18.7	12.8	19.2
176	21.7	16.4	24.6





Anthracene
Concen: 0.027 ng/ul
RT: 17.434 min Scan# 3119
Delta R.T. -0.011 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

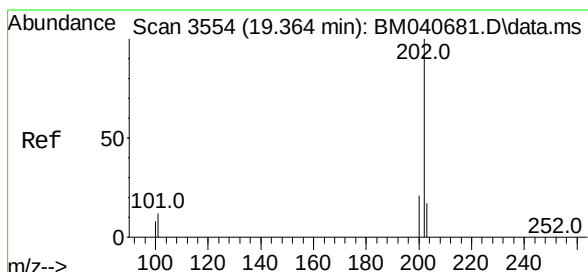
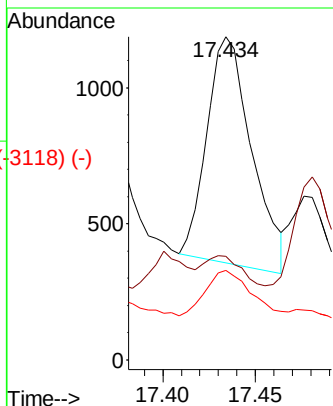
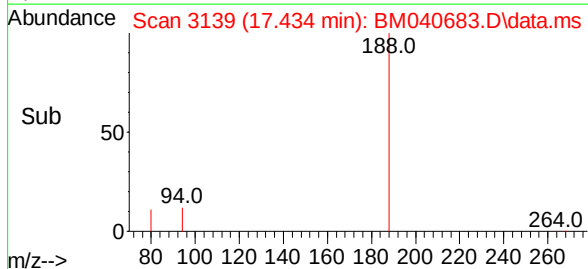
Instrument :
BNA_M
Client SampleId :
DCGN6DL



Tgt Ion:178 Resp: 139
Ion Ratio Lower Upper
178 100
179 32.1 12.9 19.3
176 27.7 15.8 23.6

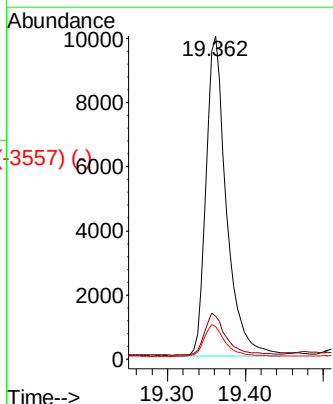
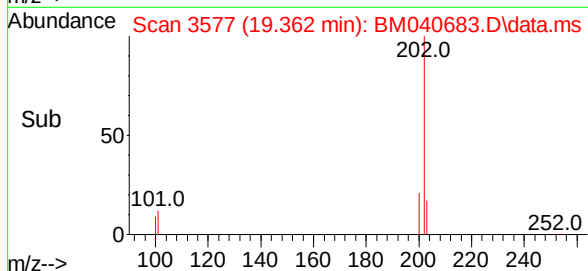
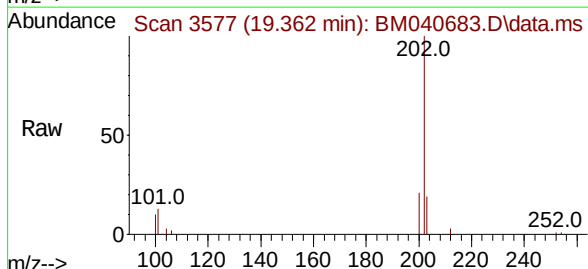
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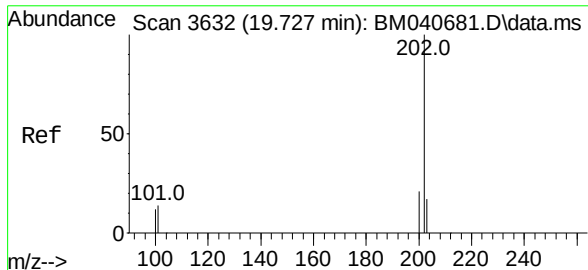
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Fluoranthene
Concen: 0.360 ng/ul
RT: 19.362 min Scan# 3577
Delta R.T. -0.007 min
Lab File: BM040683.D
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Tgt Ion:202 Resp: 18115
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 10.2 8.7 13.1





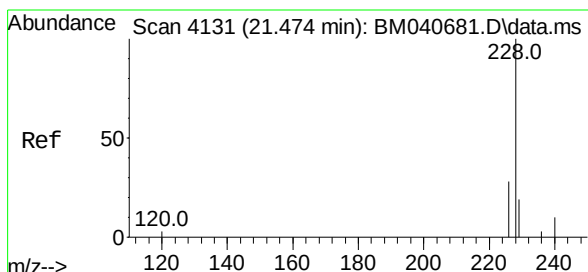
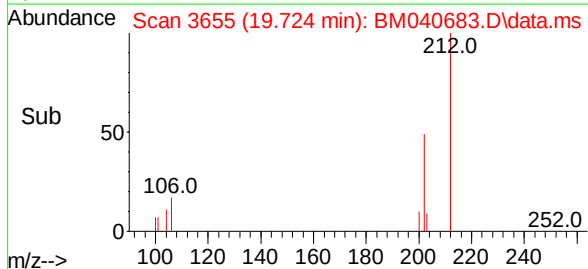
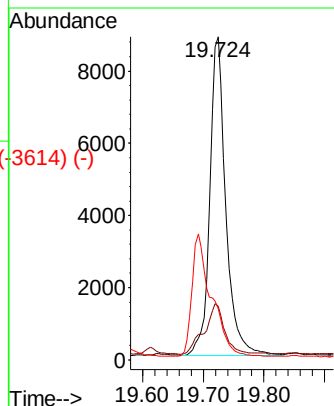
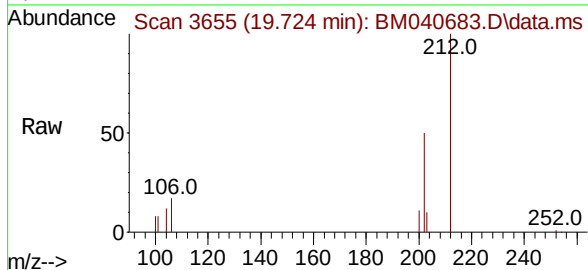
Pyrene
Concen: 0.300 ng/ul
RT: 19.724 min Scan# 3632
Delta R.T. -0.007 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Instrument :
BNA_M
ClientSampleId :
DCGN6DL

Tgt Ion:	202	Resp:	1616
Ion	Ratio	Lower	Upper
202	100		
101	16.6	12.6	18.8
100	15.9	9.8	14.6

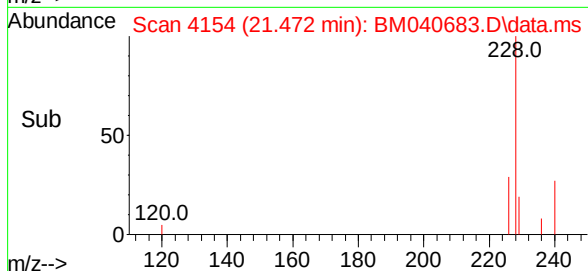
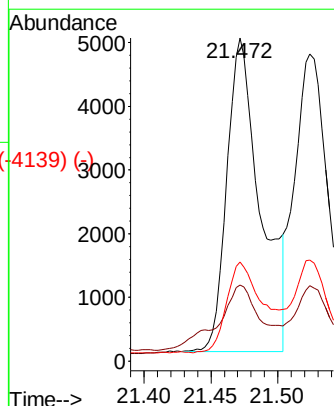
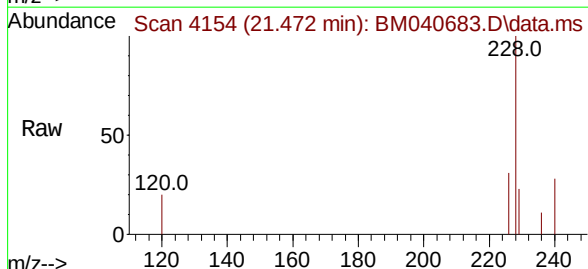
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Benzo(a)anthracene
Concen: 0.214 ng/ul
RT: 21.472 min Scan# 4154
Delta R.T. -0.007 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Tgt Ion:	228	Resp:	8572
Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.0	24.0
226	30.7	22.3	33.5



Abundance Scan 4150 (21.530 min): BM040681.D\data.ms (-4150) (-)

Chrysene

Concen: 0.178 ng/ul

RT: 21.524 min Scan# 4172

Delta R.T. -0.007 min

Lab File: BM040683.D

Acq: 06 Jul 2023 18:59

Instrument :

BNA_M

ClientSampleId :

DCGN6DL

Tgt Ion:228 Resp: 811

Ion Ratio Lower Upper

228 100

226 32.9 24.9 37.3

229 24.6 15.8 23.6

Manual Integrations

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Supervised By :Sohil Jodhani 07/06/2023

Abundance Scan 4172 (21.524 min): BM040683.D\data.ms

m/z-->

Ref 50

228.0

120.0

Raw 50

120.0

m/z-->

Abundance Scan 4172 (21.524 min): BM040683.D\data.ms (-4157) (-)

m/z-->

Ref 50

228.0

120.0

Sub 50

120.0

m/z-->

Abundance

5000

4000

3000

2000

1000

0

21.50

21.524

21.60

Time-->

Abundance Scan 4709 (23.163 min): BM040681.D\data.ms (-4709) (-)

Benzo(b)fluoranthene

Concen: 0.293 ng/ul

RT: 23.161 min Scan# 4732

Delta R.T. -0.007 min

Lab File: BM040683.D

Acq: 06 Jul 2023 18:59

Tgt Ion:252 Resp: 15558

Ion Ratio Lower Upper

252 100

253 36.1 0.0 52.8

125 32.4 0.0 43.0

Abundance Scan 4732 (23.161 min): BM040683.D\data.ms

m/z-->

Ref 50

252.0

125.0

Raw 50

125.0

m/z-->

Abundance Scan 4732 (23.161 min): BM040683.D\data.ms (-4717) (-)

m/z-->

Ref 50

252.0

125.0

Sub 50

125.0

m/z-->

Abundance

6000

4000

2000

0

23.10

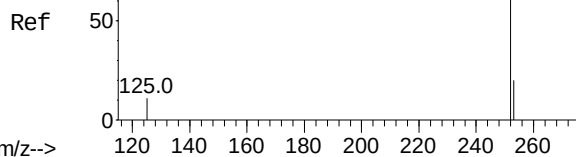
23.161

23.20

Time-->

Abundance Scan 4724 (23.207 min): BM040681.D\data.ms (-4725) (-)

Benzo(k)fluoranthene
Concen: 0.082 ng/ul m
RT: 23.202 min Scan# 4725
Delta R.T. -0.010 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

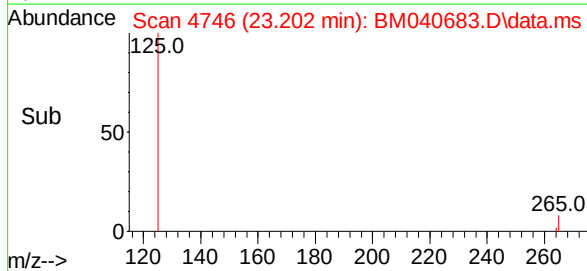
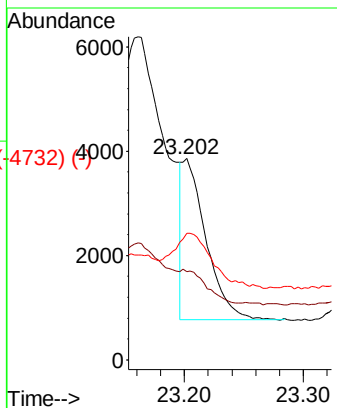
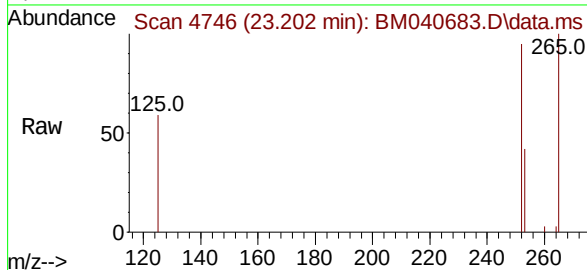


Instrument :
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DCGN6DL

Tgt Ion:252 Resp: 432
Ion Ratio Lower Upper
252 100
253 43.9 21.2 31.8
125 62.8 16.4 24.6

Manual Integrations
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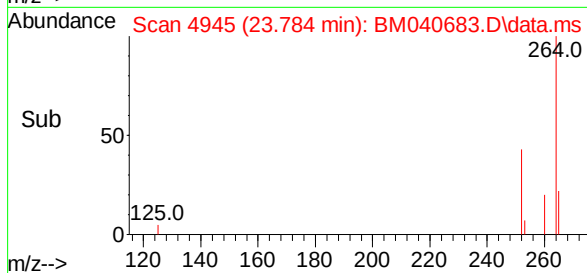
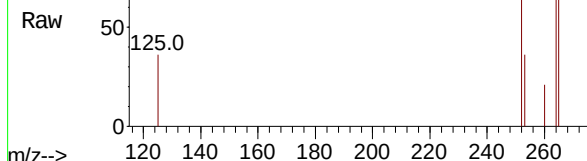
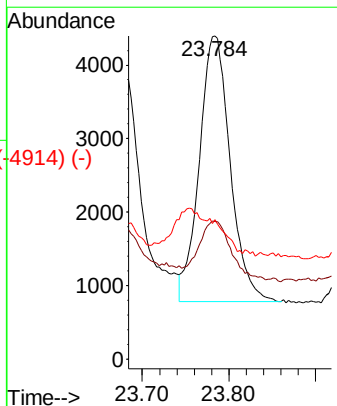
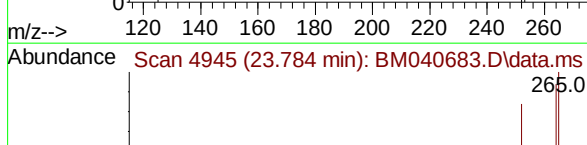
Reviewed By :Yogesh Patel 07/06/2023
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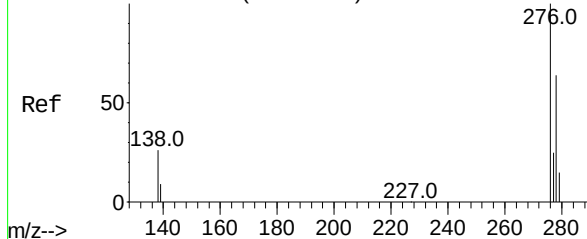
Abundance Scan 4922 (23.786 min): BM040681.D\data.ms (-4923) (-)

Benzo(a)pyrene
Concen: 0.187 ng/ul
RT: 23.784 min Scan# 4945
Delta R.T. -0.010 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Tgt Ion:252 Resp: 8930
Ion Ratio Lower Upper
252 100
253 42.5 22.9 34.3#
125 43.1 21.0 31.4#



Abundance Scan 5751 (26.387 min): BM040681.D\data.ms (-5727) (-)



Indeno(1,2,3-cd)pyrene
Concen: 0.119 ng/ul
RT: 26.381 min Scan# 5751
Delta R.T. -0.008 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Instrument :

BNA_M

ClientSampleId :

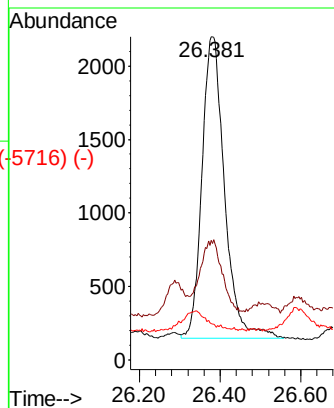
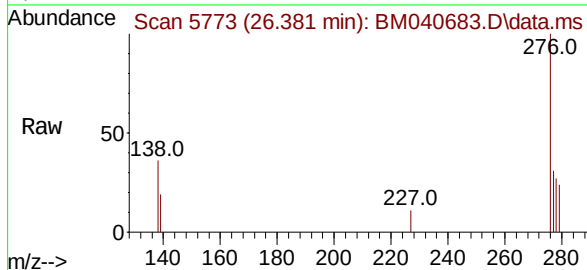
DCGN6DL

Tgt Ion:276 Resp: 796
Ion Ratio Lower Upper
276 100
138 25.0 24.5 36.7
227 0.0 0.1 0.1

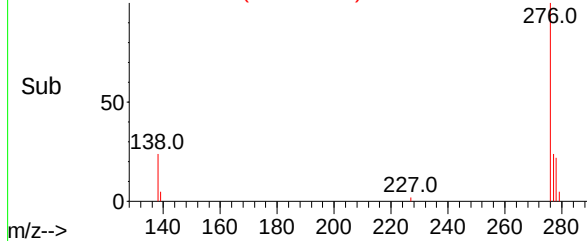
Manual Integrations

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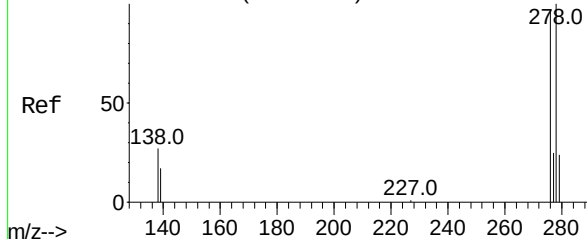
Reviewed By :Yogesh Patel 07/06/2023
Supervised By :Sohil Jodhani 07/06/2023



Abundance Scan 5773 (26.381 min): BM040683.D\data.ms (-5716) (-)

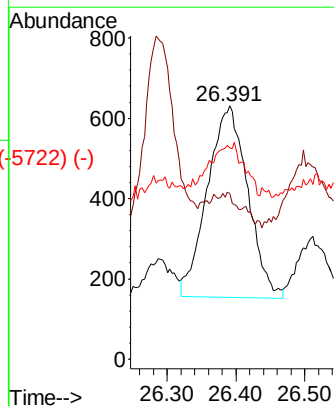
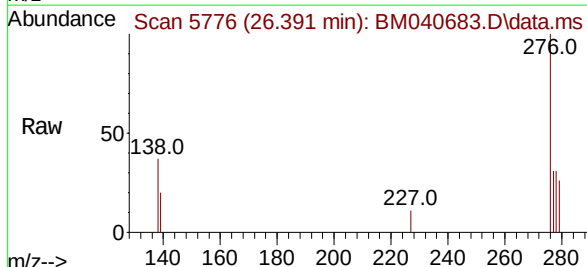


Abundance Scan 5756 (26.404 min): BM040681.D\data.ms (-5728) (-)

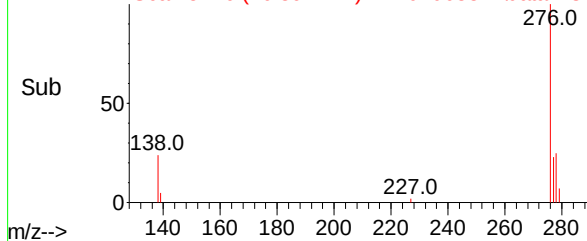


Dibenzo(a,h)anthracene
Concen: 0.037 ng/ul
RT: 26.391 min Scan# 5776
Delta R.T. -0.018 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

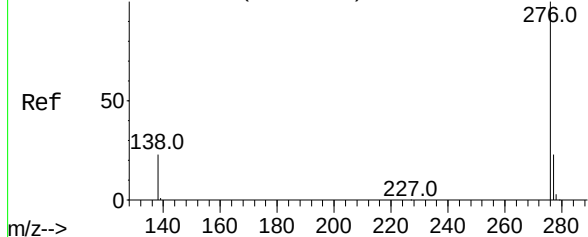
Tgt Ion:278 Resp: 1943
Ion Ratio Lower Upper
278 100
139 65.5 17.9 26.9#
279 83.4 22.0 33.0#



Abundance Scan 5776 (26.391 min): BM040683.D\data.ms (-5722) (-)

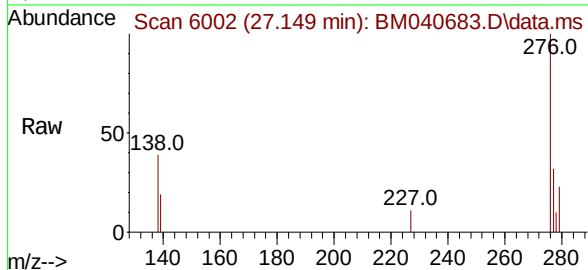


Abundance Scan 5980 (27.155 min): BM040681.D\data.ms (-5980) (-)



Benzo(g,h,i)perylene
Concen: 0.120 ng/ul
RT: 27.149 min Scan# 6002
Delta R.T. -0.015 min
Lab File: BM040683.D
Acq: 06 Jul 2023 18:59

Instrument :
BNA_M
ClientSampleId :
DCGN6DL



Tgt Ion:	276	Resp:	702
Ion	Ratio	Lower	Upper
276	100		
138	39.2	23.0	34.6
277	31.8	20.3	30.5

Manual Integrations
APPROVED

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

