

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040520.D
 Acq On : 02 Jul 2023 02:04
 Operator : MA/JU
 Sample : 03242-09
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB0

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/02/2023
 Supervised By :Sohil Jodhani 07/02/2023

Quant Time: Jul 02 05:17:00 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 01 03:00:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	8346	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	30650	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	17368	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	36342	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	25099	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	23222	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	47509	3.624	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	11110	0.259	ng/ul	0.00
18) Fluoranthene-d10	19.352	212	22411	0.279	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	2465	0.029	ng/ul#	75
7) 2-Methylnaphthalene	12.400	142	1583	0.032	ng/ul	94
8) 1-Methylnaphthalene	12.620	142	1159	0.023	ng/ul	96
10) Acenaphthylene	14.295	152	2202	0.028	ng/ul#	76
15) Phenanthrene	17.362	178	19837	0.176	ng/ul	99
16) Anthracene	17.455	178	2922	0.031	ng/ul#	80
19) Fluoranthene	19.380	202	53439	0.501	ng/ul	99
20) Pyrene	19.742	202	40531m	0.355	ng/ul	
21) Benzo(a)anthracene	21.486	228	22892	0.270	ng/ul	94
22) Chrysene	21.541	228	29964	0.309	ng/ul#	96
24) Benzo(b)fluoranthene	23.181	252	42505	0.473	ng/ul	91
25) Benzo(k)fluoranthene	23.219	252	13967m	0.158	ng/ul	
26) Benzo(a)pyrene	23.803	252	24520	0.303	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.417	276	23643	0.210	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.427	278	5577	0.063	ng/ul#	43
29) Benzo(g,h,i)perylene	27.195	276	22406	0.227	ng/ul#	91

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

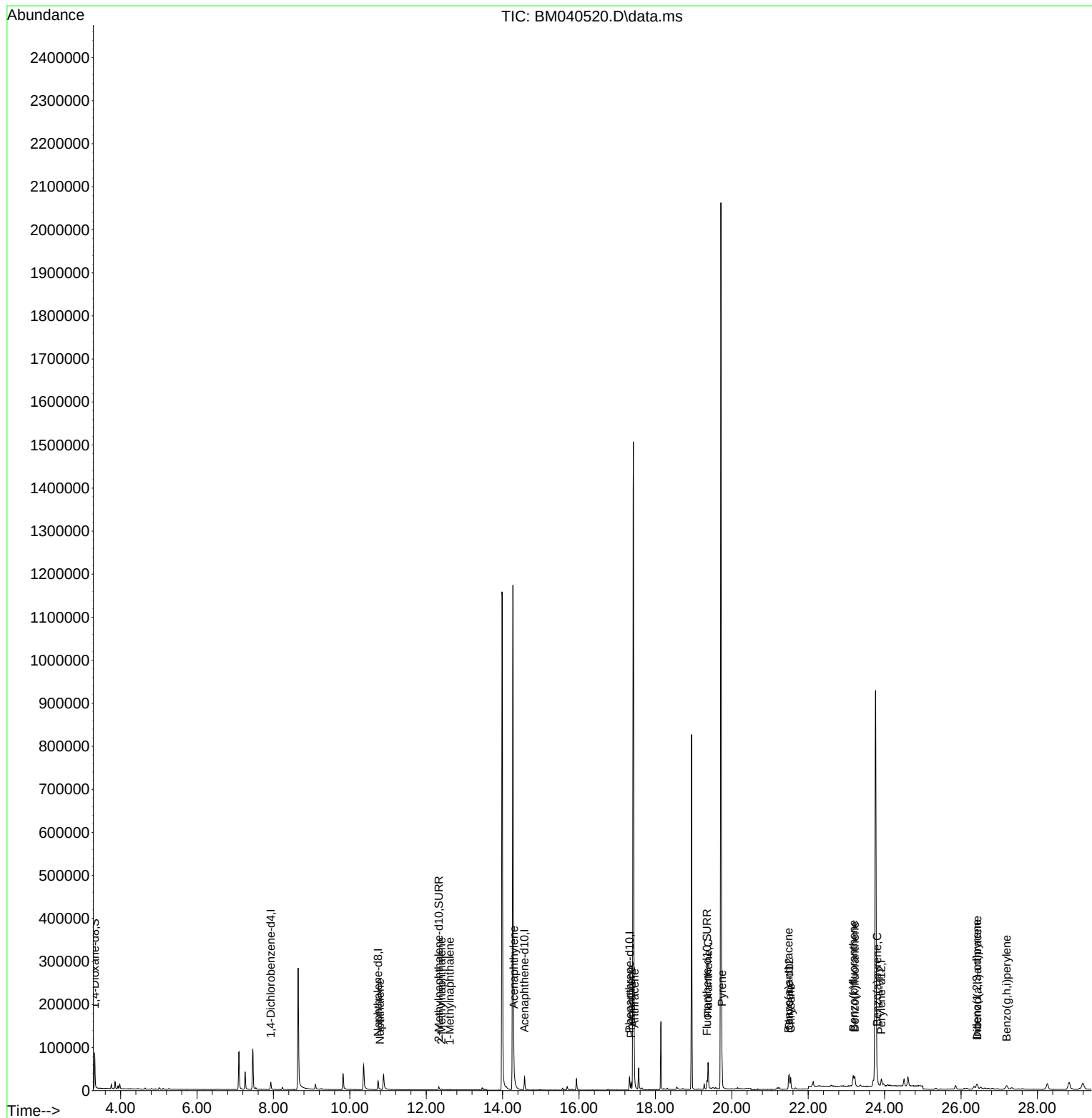
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040520.D
Acq On : 02 Jul 2023 02:04
Operator : MA/JU
Sample : 03242-09
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ALS Vial : 26 Sample Multiplier: 1

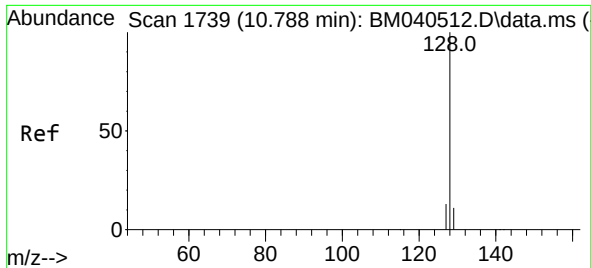
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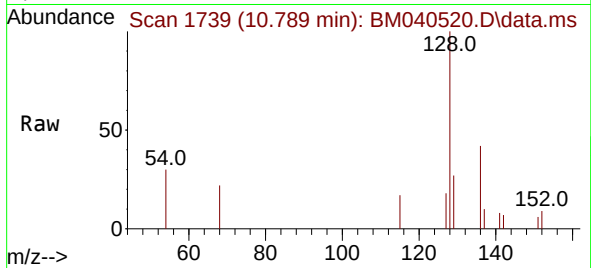
Quant Time: Jul 02 05:17:00 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.029 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

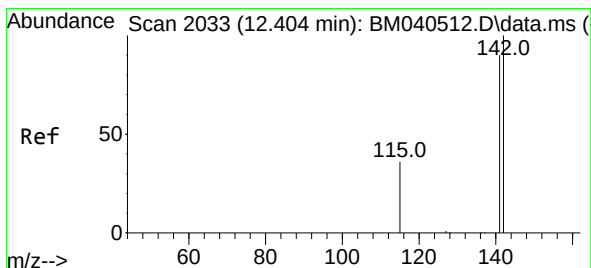
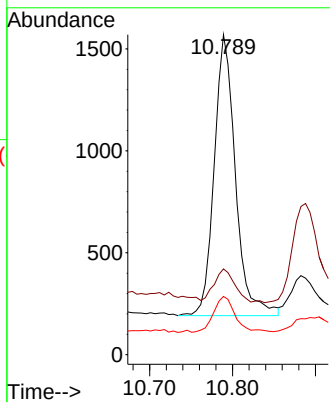
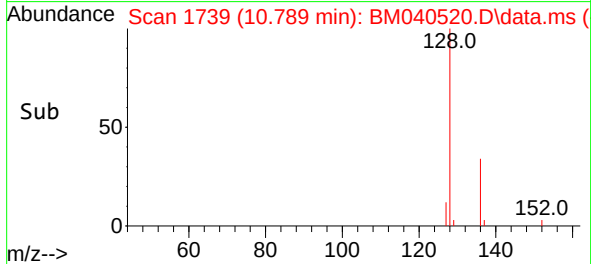
Instrument :
BNA_M
ClientSampleId :
DCGB0



Tgt Ion:128 Resp: 246
Ion Ratio Lower Upper
128 100
129 26.8 9.2 13.8
127 18.2 10.6 15.8

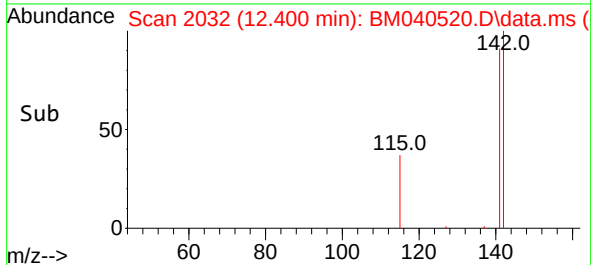
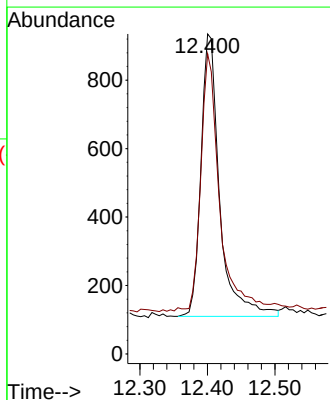
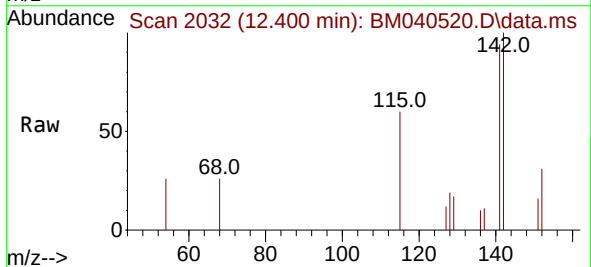
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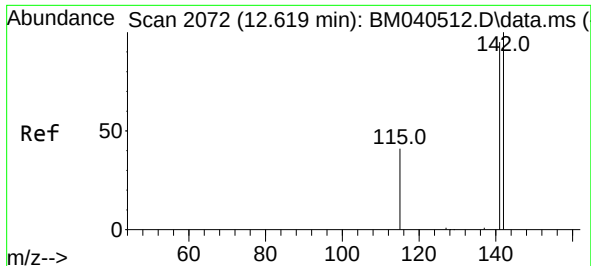
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

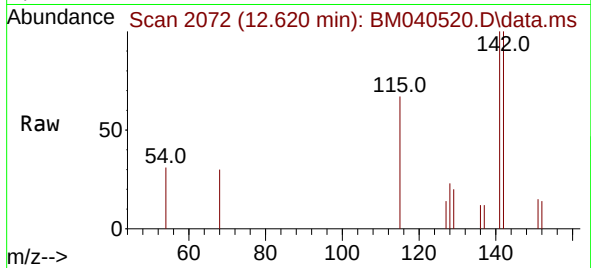
Tgt Ion:142 Resp: 1583
Ion Ratio Lower Upper
142 100
141 95.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

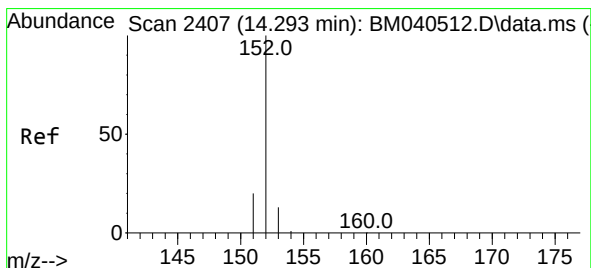
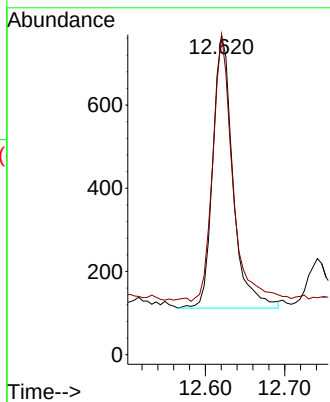
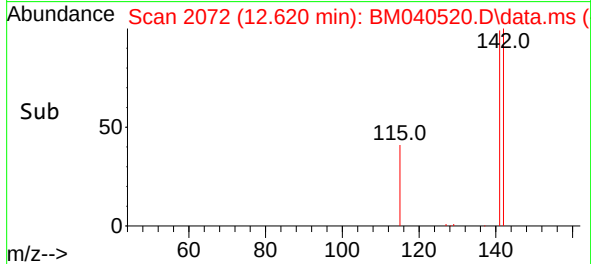
Instrument :
BNA_M
ClientSampleId :
DCGB0



Tgt Ion:142 Resp: 1159
Ion Ratio Lower Upper
142 100
141 95.9 73.7 110.5

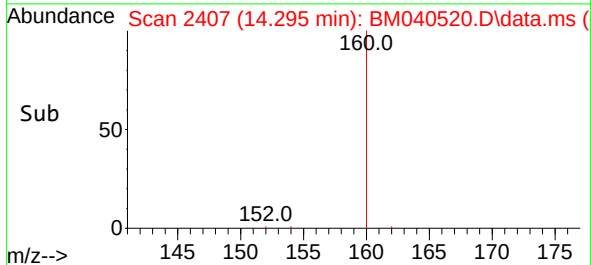
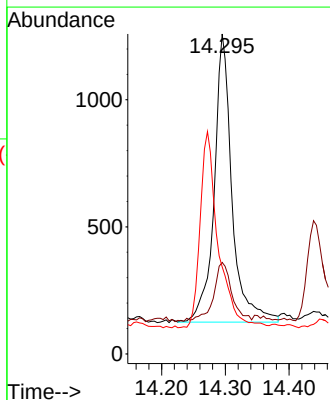
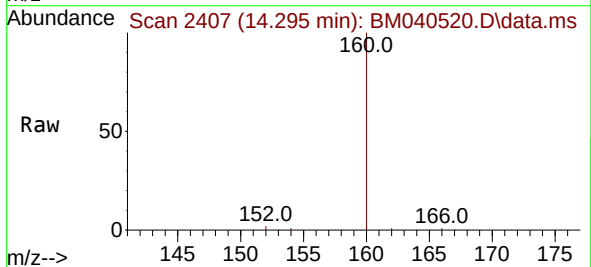
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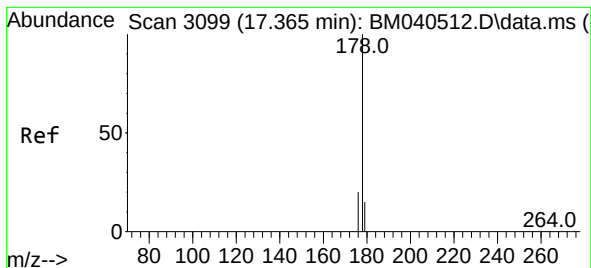
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.004 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

Tgt Ion:152 Resp: 2202
Ion Ratio Lower Upper
152 100
151 28.6 16.2 24.2#
153 27.2 10.9 16.3#





#15

Phenanthrene

Concen: 0.176 ng/ul

RT: 17.362 min Scan# 3099

Delta R.T. -0.008 min

Lab File: BM040520.D

Acq: 02 Jul 2023 02:04

Instrument :

BNA_M

ClientSampleId :

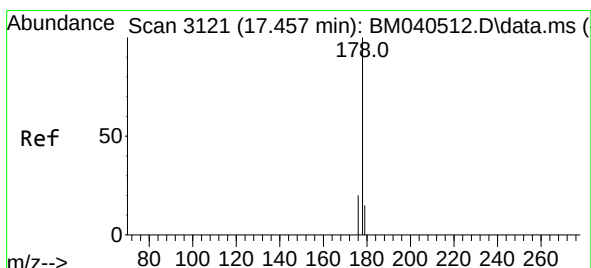
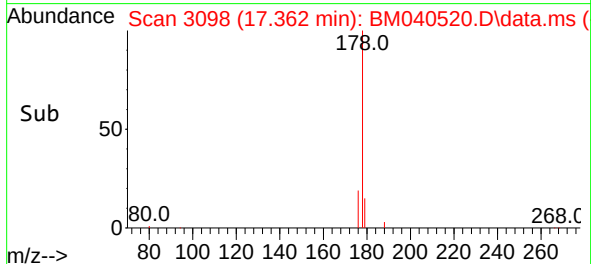
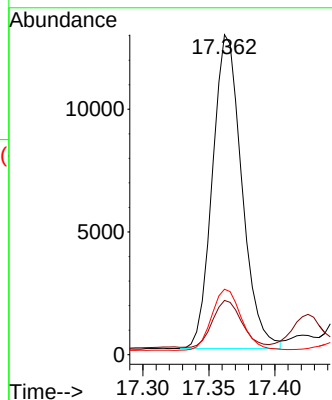
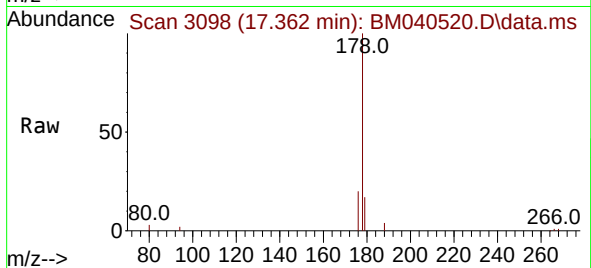
DCGB0

Tgt Ion:178	Resp:	1983
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.8 19.2
176	20.4	16.4 24.6

Manual Integrations

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Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16

Anthracene

Concen: 0.031 ng/ul

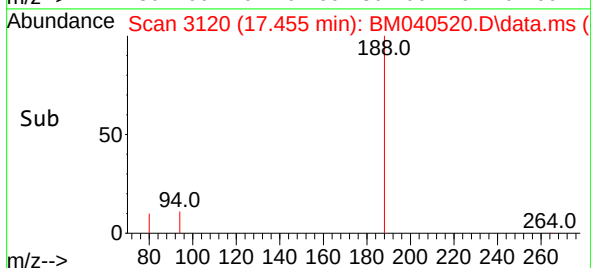
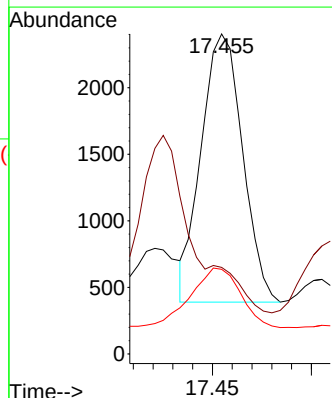
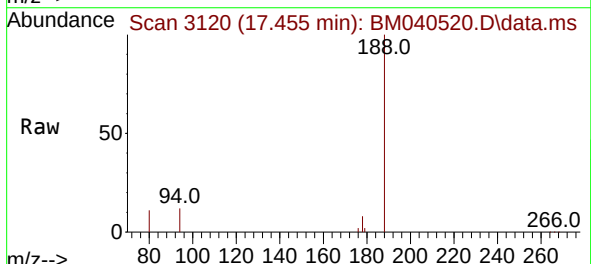
RT: 17.455 min Scan# 3120

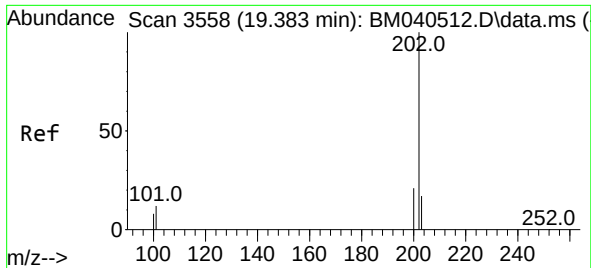
Delta R.T. -0.008 min

Lab File: BM040520.D

Acq: 02 Jul 2023 02:04

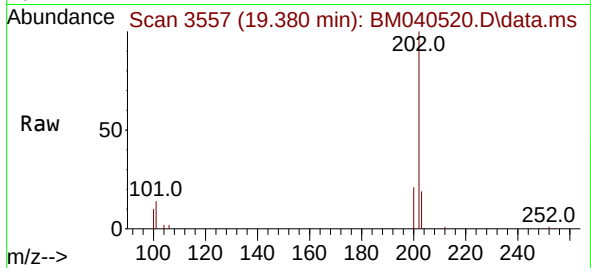
Tgt Ion:178	Resp:	2922
Ion Ratio	Lower	Upper
178	100	
179	27.1	12.9 19.3#
176	26.5	15.8 23.6#





#19
Fluoranthene
Concen: 0.501 ng/ul
RT: 19.380 min Scan# 3558
Delta R.T. -0.005 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

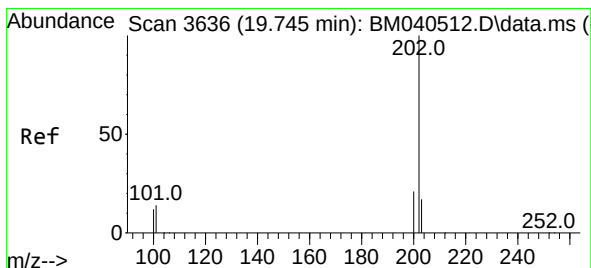
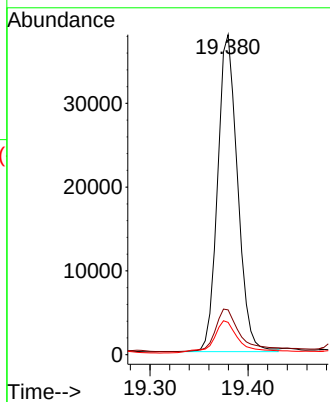
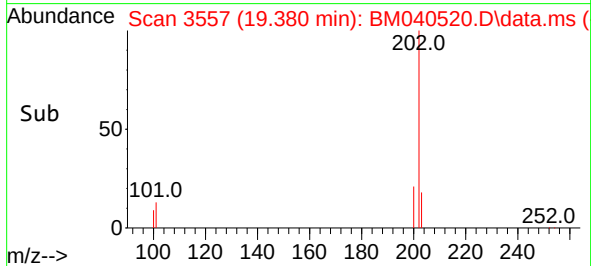
Instrument :
BNA_M
ClientSampleId :
DCGB0



Tgt Ion:202 Resp: 53439
Ion Ratio Lower Upper
202 100
101 14.0 11.4 17.0
100 10.1 8.7 13.1

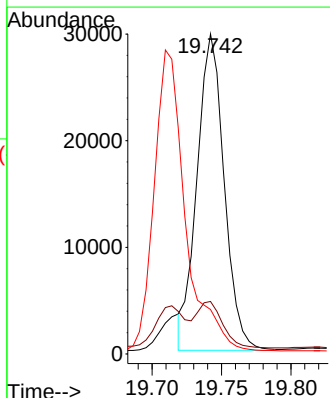
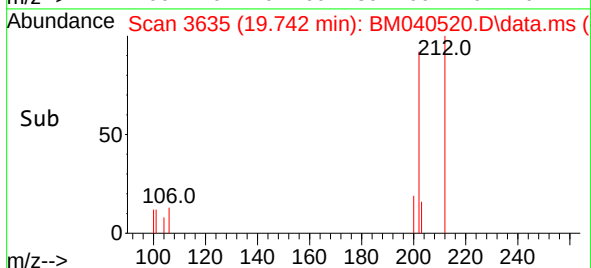
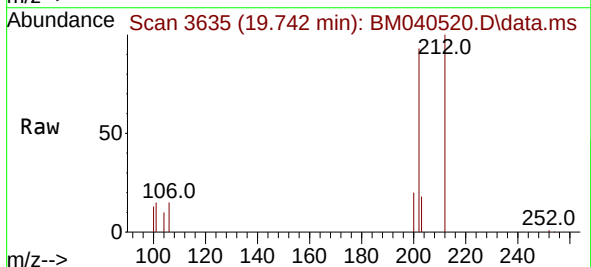
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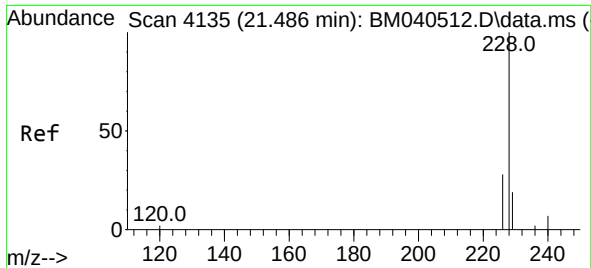
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 0.355 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

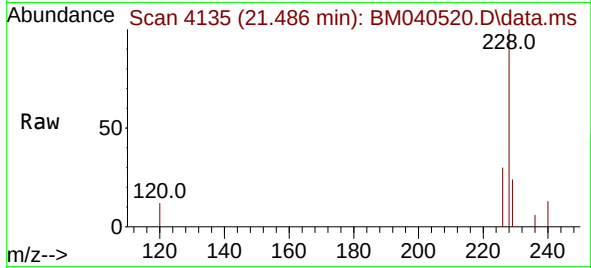
Tgt Ion:202 Resp: 40531
Ion Ratio Lower Upper
202 100
101 16.4 12.6 18.8
100 13.9 9.8 14.6





#21
Benzo(a)anthracene
Concen: 0.270 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

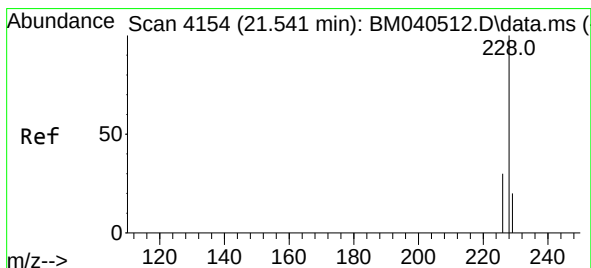
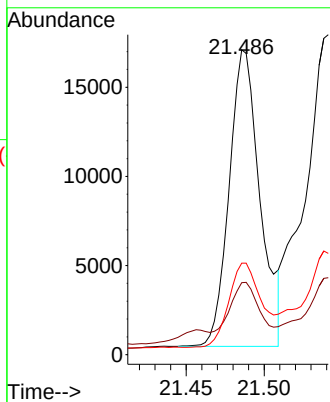
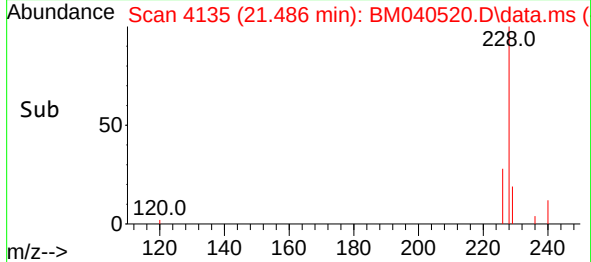
Instrument :
BNA_M
ClientSampleId :
DCGB0



Tgt Ion:228 Resp: 22892
Ion Ratio Lower Upper
228 100
229 23.6 16.0 24.0
226 30.0 22.3 33.5

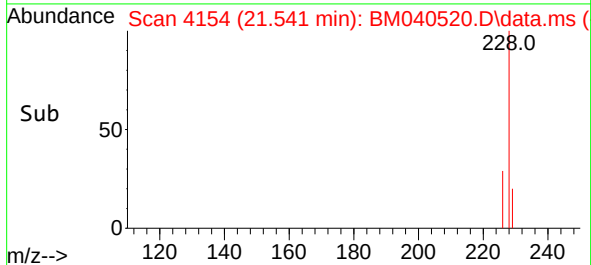
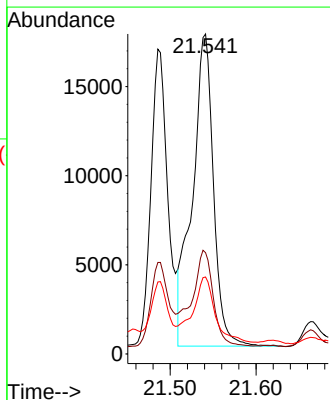
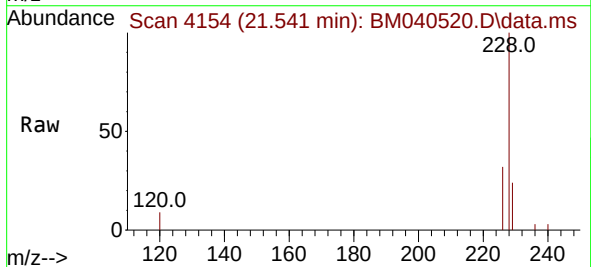
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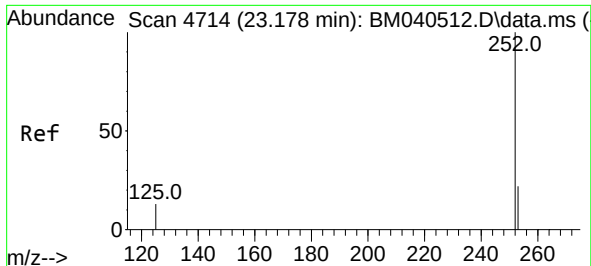
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 0.309 ng/ul
RT: 21.541 min Scan# 4154
Delta R.T. -0.003 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

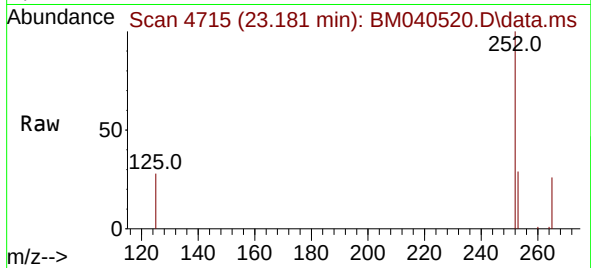
Tgt Ion:228 Resp: 29964
Ion Ratio Lower Upper
228 100
226 31.7 24.9 37.3
229 24.1 15.8 23.6#





#24
Benzo(b)fluoranthene
Concen: 0.473 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

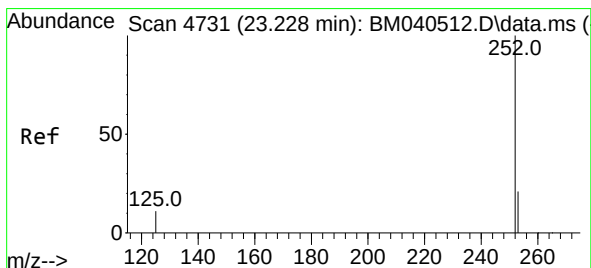
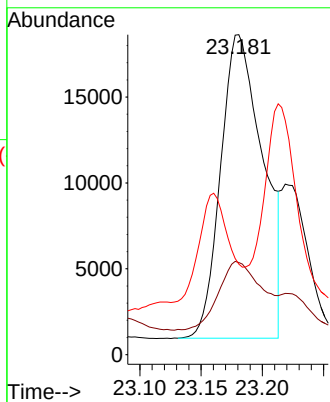
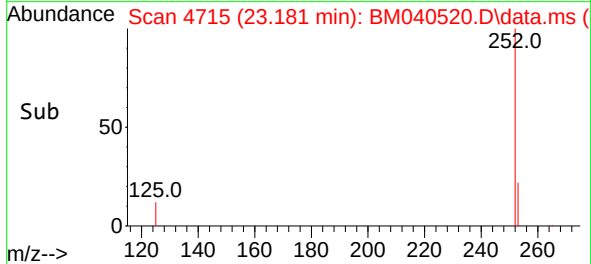
Instrument :
BNA_M
ClientSampleId :
DCGB0



Tgt Ion:252 Resp: 42509
Ion Ratio Lower Upper
252 100
253 28.8 0.0 52.8
125 28.3 0.0 43.0

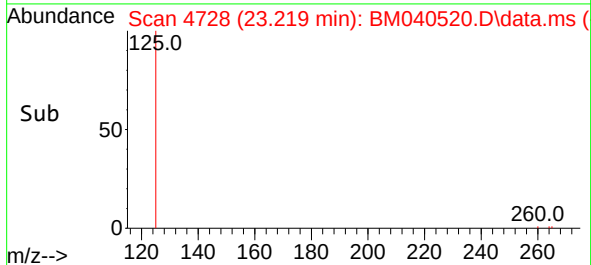
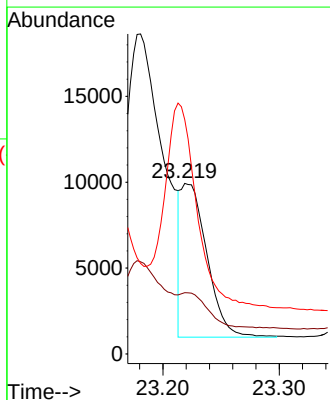
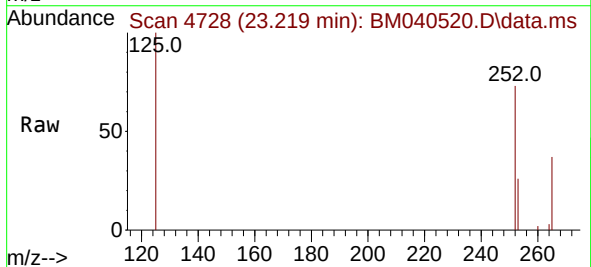
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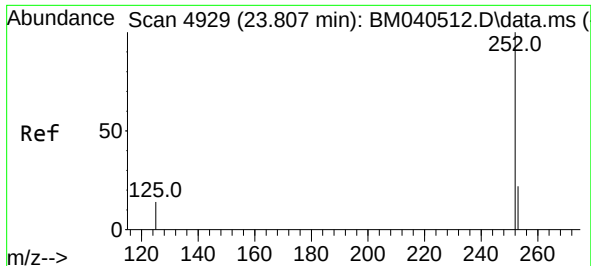
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.158 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

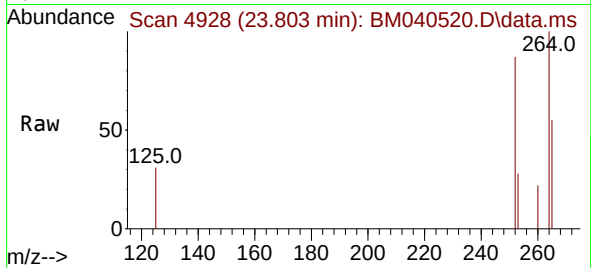
Tgt Ion:252 Resp: 13967
Ion Ratio Lower Upper
252 100
253 35.9 21.2 31.8#
125 137.3 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.303 ng/ul
RT: 23.803 min Scan# 4928
Delta R.T. -0.009 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

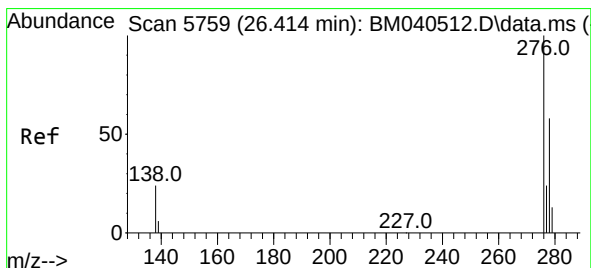
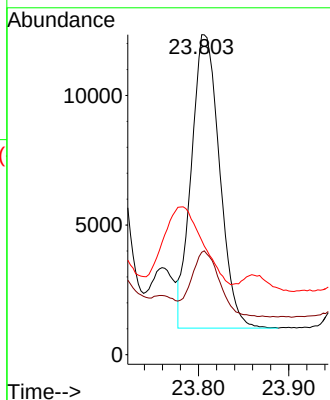
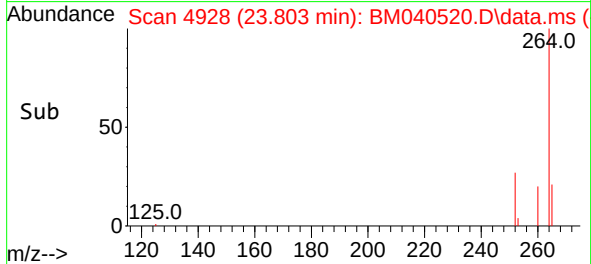
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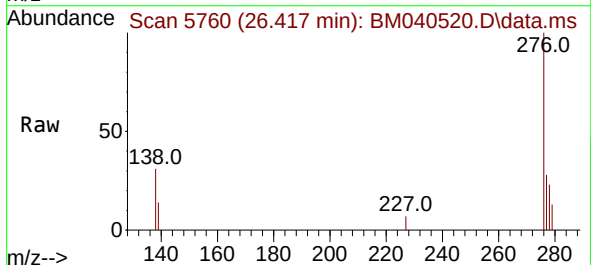
Tgt Ion:252 Resp: 24520
Ion Ratio Lower Upper
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125 35.7 21.0 31.4

Manual Integrations
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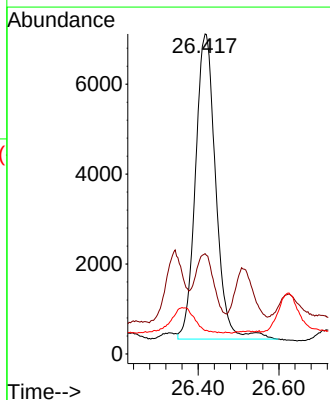
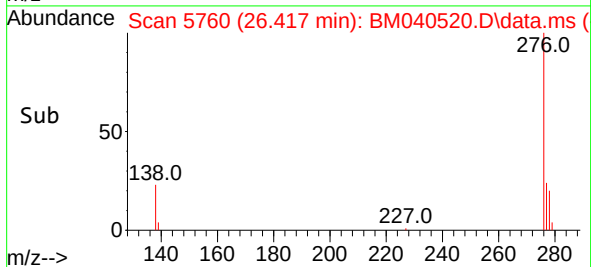
Reviewed By :Yogesh Patel 07/02/2023
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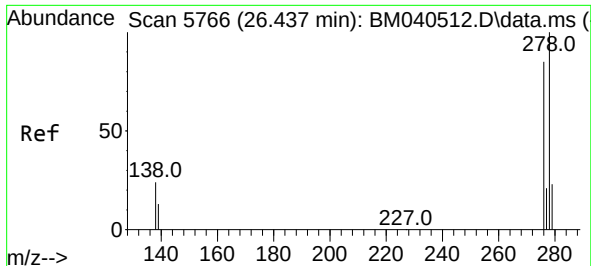


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.210 ng/ul
RT: 26.417 min Scan# 5760
Delta R.T. -0.003 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04



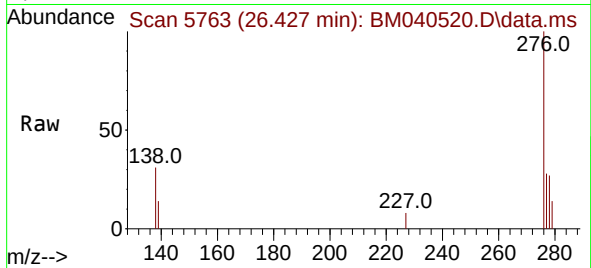
Tgt Ion:276 Resp: 23643
Ion Ratio Lower Upper
276 100
138 19.3 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.063 ng/ul
RT: 26.427 min Scan# 5766
Delta R.T. -0.010 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04

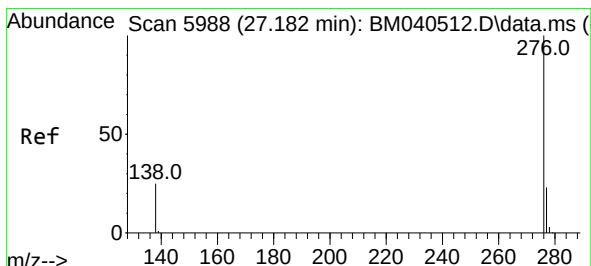
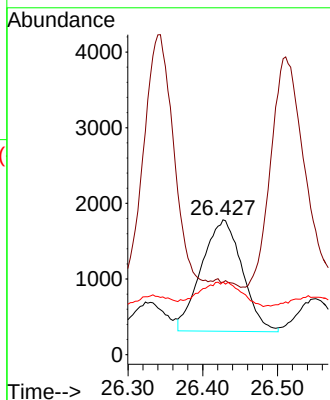
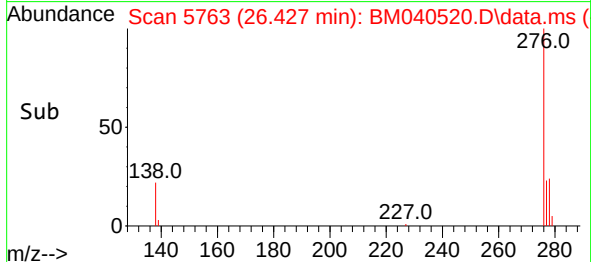
Instrument :
BNA_M
ClientSampleId :
DCGB0



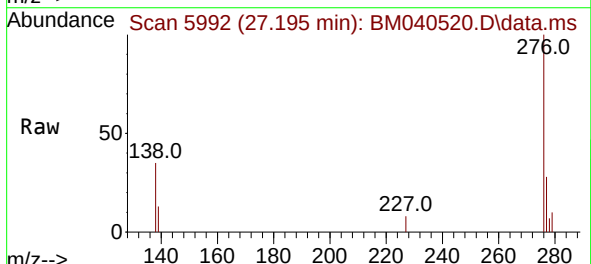
Tgt Ion:278 Resp: 557
Ion Ratio Lower Upper
278 100
139 53.6 17.9 26.9
279 53.8 22.0 33.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#29
Benzo(g,h,i)perylene
Concen: 0.227 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040520.D
Acq: 02 Jul 2023 02:04



Tgt Ion:276 Resp: 22406
Ion Ratio Lower Upper
276 100
138 34.9 23.0 34.6
277 28.1 20.3 30.5

