

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040524.D
 Acq On : 02 Jul 2023 04:32
 Operator : MA/JU
 Sample : 03242-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB5

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:17:42 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	7.928	152	9743	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	34771	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.572	164	17636	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	37267	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	24831	0.400	ng/ul	0.00
23) Perylene-d12	23.915	264	23072	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	25649	1.676	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	6016	0.123	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	11241	0.141	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.789	128	5749	0.060	ng/ul#	89
7) 2-Methylnaphthalene	12.400	142	2084	0.037	ng/ul	96
8) 1-Methylnaphthalene	12.620	142	1442	0.026	ng/ul	96
10) Acenaphthylene	14.295	152	3211	0.041	ng/ul#	83
15) Phenanthrene	17.362	178	23432	0.202	ng/ul	99
16) Anthracene	17.455	178	4084	0.042	ng/ul#	87
19) Fluoranthene	19.375	202	70487	0.668	ng/ul	99
20) Pyrene	19.742	202	54170m	0.479	ng/ul	
21) Benzo(a)anthracene	21.486	228	31390	0.374	ng/ul	93
22) Chrysene	21.538	228	42903	0.448	ng/ul#	95
24) Benzo(b)fluoranthene	23.178	252	61030	0.684	ng/ul	94
25) Benzo(k)fluoranthene	23.222	252	18858m	0.214	ng/ul	
26) Benzo(a)pyrene	23.809	252	31698	0.394	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.420	276	31723	0.283	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.430	278	7756	0.088	ng/ul#	47
29) Benzo(g,h,i)perylene	27.195	276	29087	0.296	ng/ul	94

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

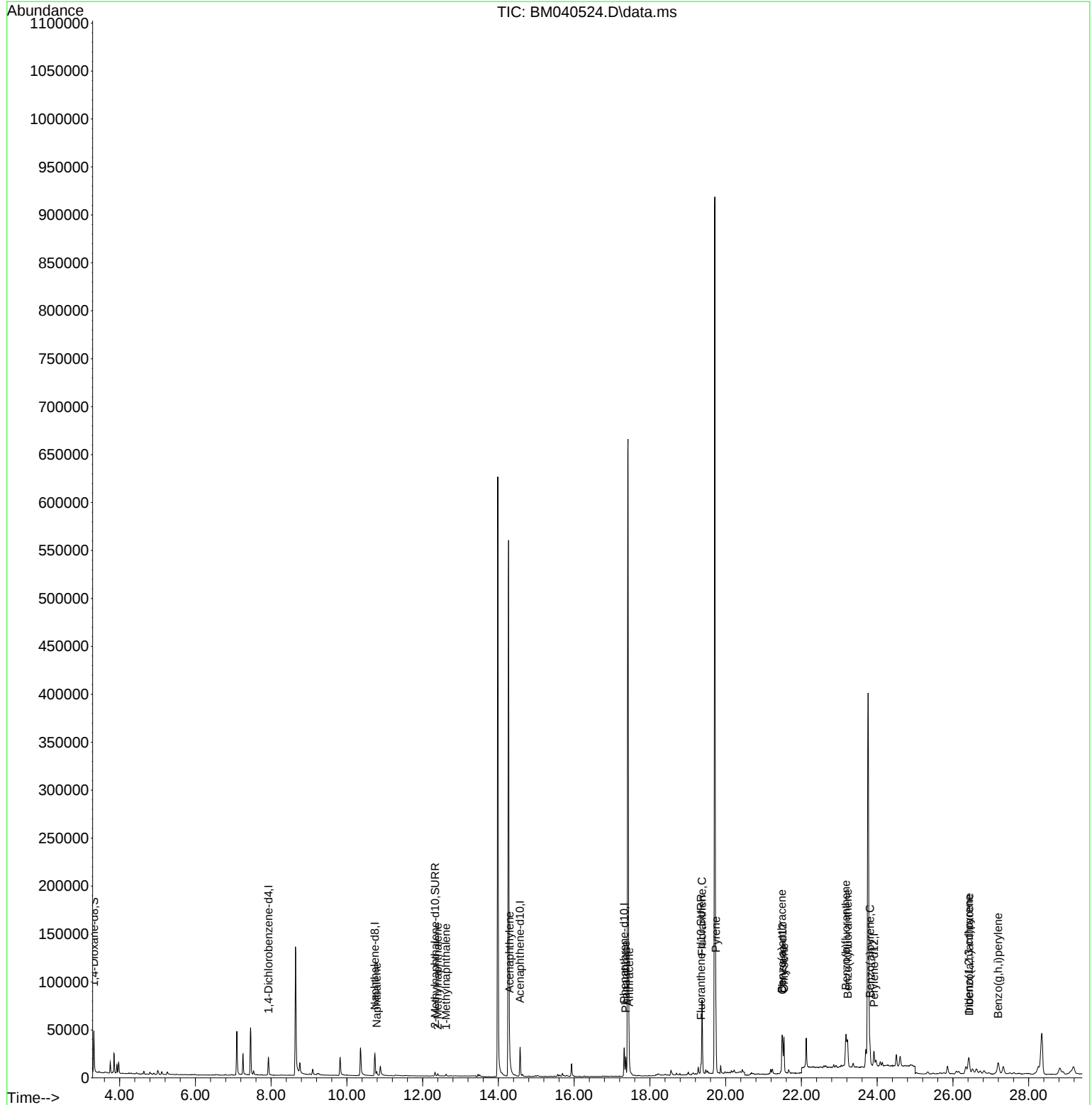
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040524.D
Acq On : 02 Jul 2023 04:32
Operator : MA/JU
Sample : 03242-14
Misc :
ALS Vial : 30 Sample Multiplier: 1

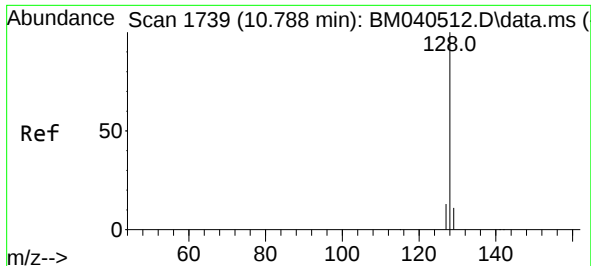
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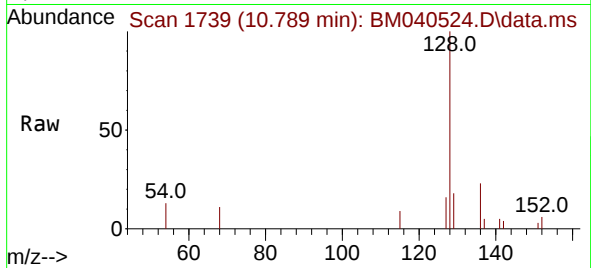
Quant Time: Jul 02 05:17:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.060 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

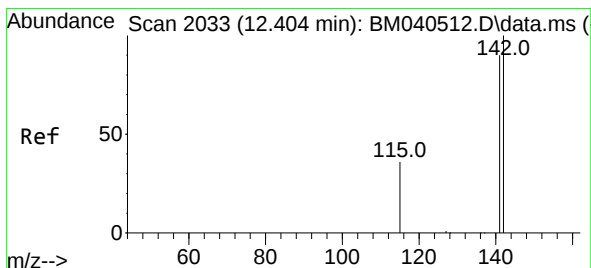
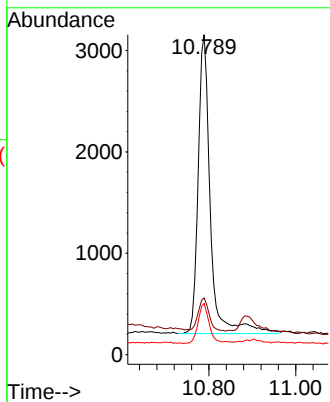
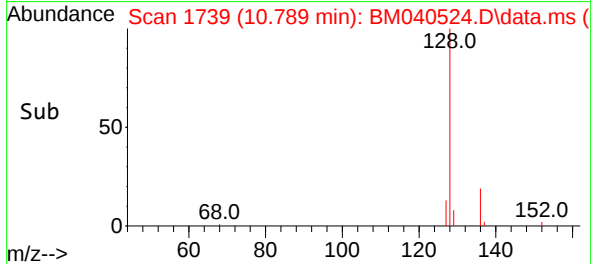
Instrument :
BNA_M
ClientSampleId :
DCGB5



Tgt Ion:128 Resp: 5749
Ion Ratio Lower Upper
128 100
129 17.7 9.2 13.8
127 16.0 10.6 15.8

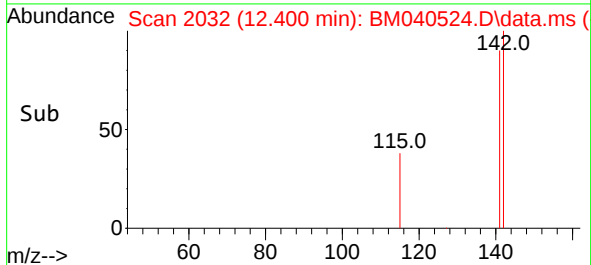
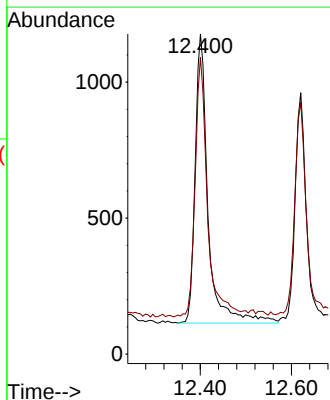
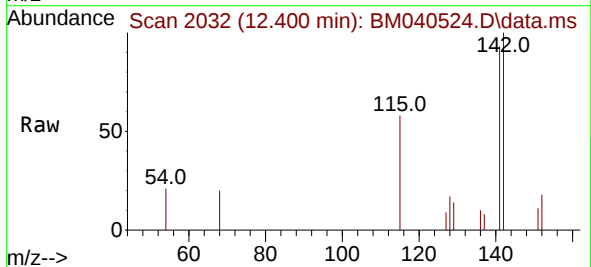
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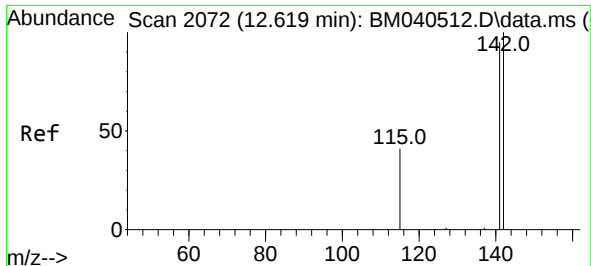
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.037 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

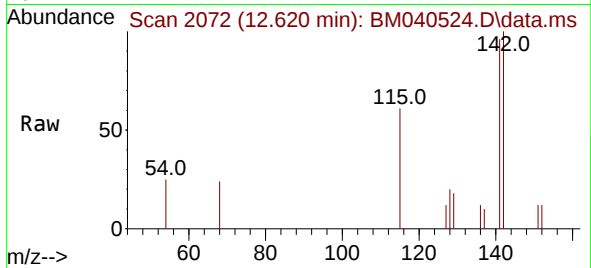
Tgt Ion:142 Resp: 2084
Ion Ratio Lower Upper
142 100
141 86.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.026 ng/ul
RT: 12.620 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

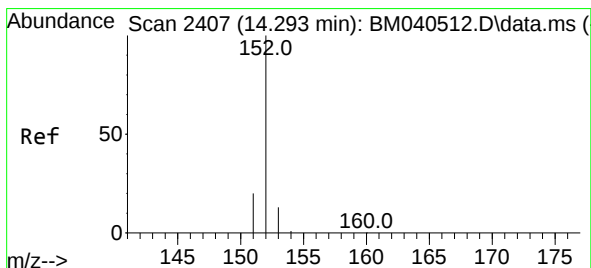
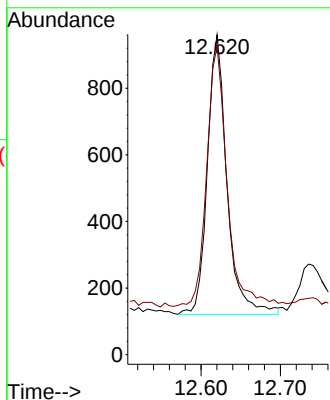
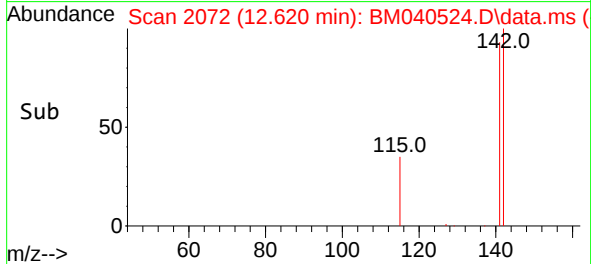
Instrument :
BNA_M
ClientSampleId :
DCGB5



Tgt Ion:142 Resp: 144
Ion Ratio Lower Upper
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141 96.2 73.7 110.5

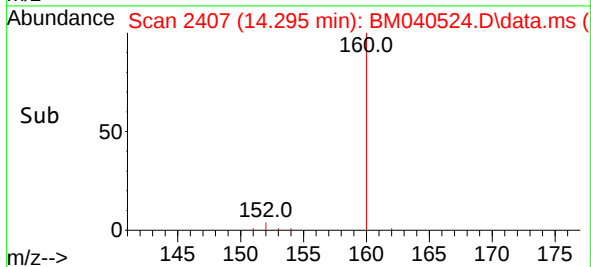
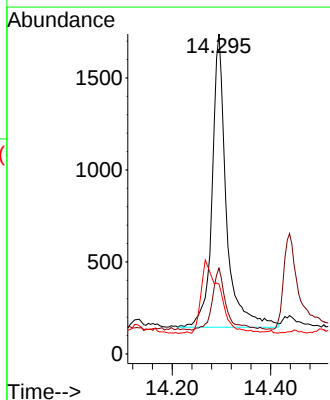
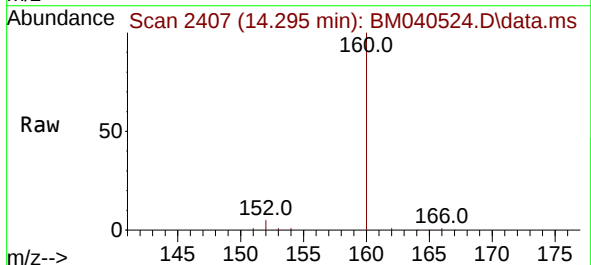
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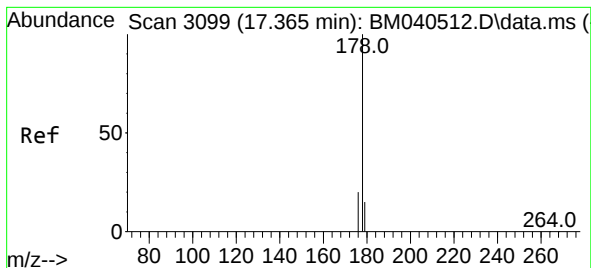
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#10
Acenaphthylene
Concen: 0.041 ng/ul
RT: 14.295 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion:152 Resp: 3211
Ion Ratio Lower Upper
152 100
151 26.8 16.2 24.2#
153 21.9 10.9 16.3#





#15

Phenanthrene

Concen: 0.202 ng/ul

RT: 17.362 min Scan# 3099

Delta R.T. -0.008 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

BNA_M

ClientSampleId :

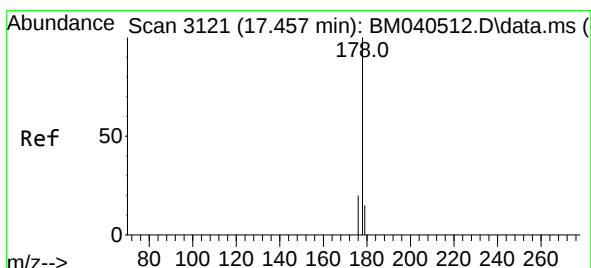
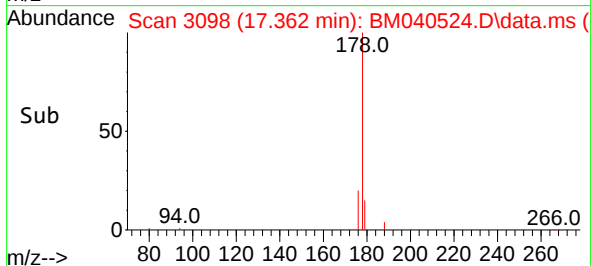
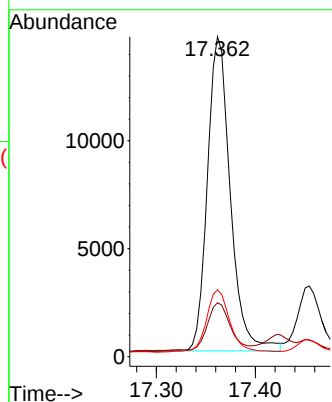
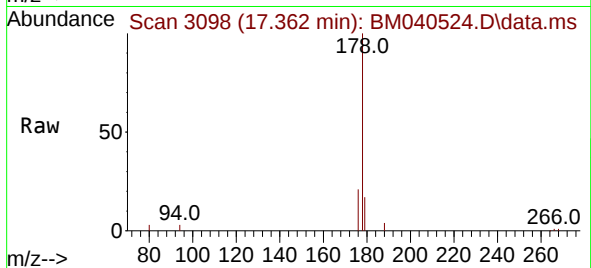
DCGB5

Tgt Ion:178	Resp:	2343
Ion Ratio	Lower	Upper
178	100	
179	16.9	12.8 19.2
176	20.9	16.4 24.6

Manual Integrations

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#16

Anthracene

Concen: 0.042 ng/ul

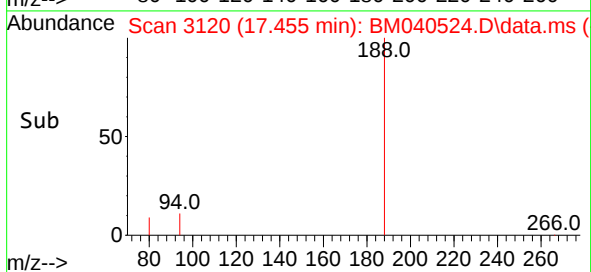
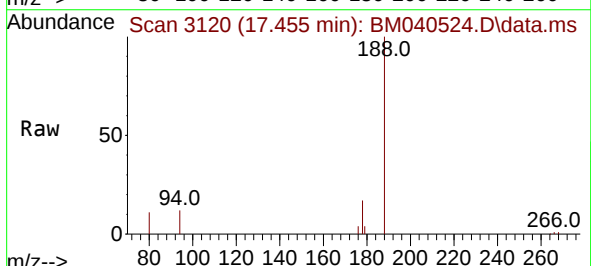
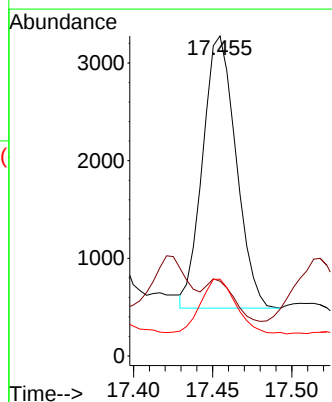
RT: 17.455 min Scan# 3120

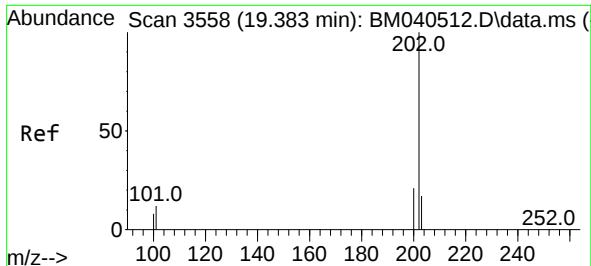
Delta R.T. -0.008 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Tgt Ion:178	Resp:	4084
Ion Ratio	Lower	Upper
178	100	
179	23.4	12.9 19.3#
176	24.0	15.8 23.6#





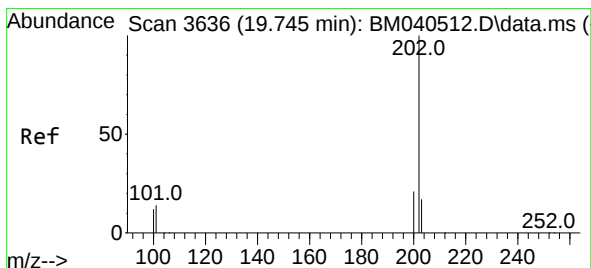
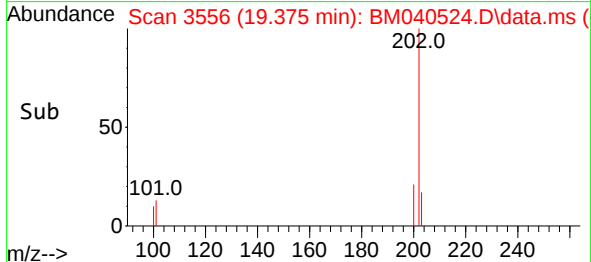
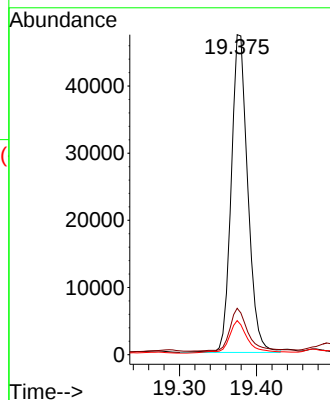
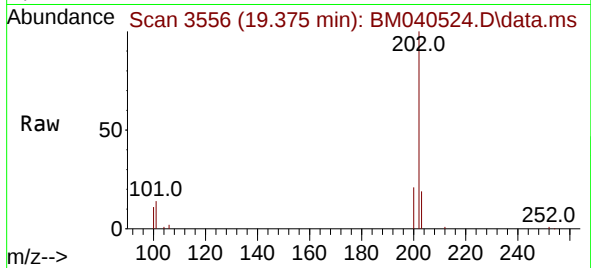
#19
Fluoranthene
Concen: 0.668 ng/ul
RT: 19.375 min Scan# 31
Delta R.T. -0.009 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Instrument :
BNA_M
ClientSampleId :
DCGB5

Tgt Ion:202 Resp: 7048
Ion Ratio Lower Upper
202 100
101 14.5 11.4 17.0
100 10.6 8.7 13.1

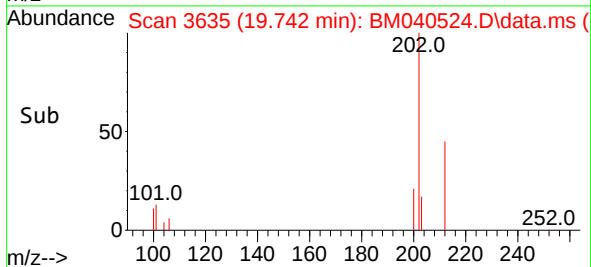
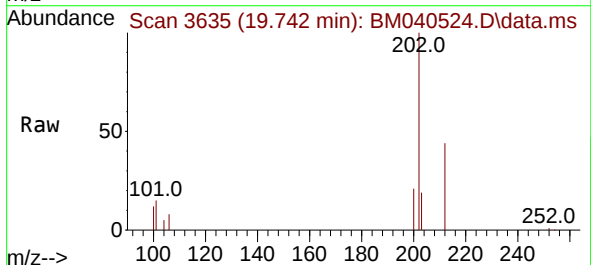
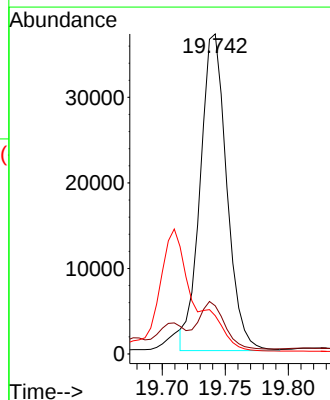
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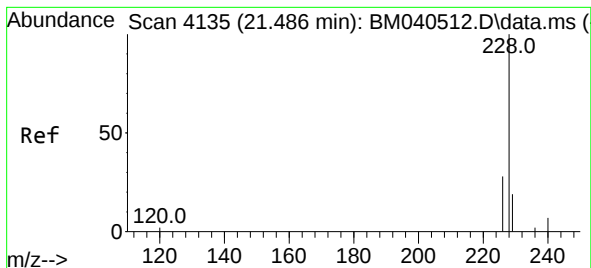
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#20
Pyrene
Concen: 0.479 ng/ul m
RT: 19.742 min Scan# 3635
Delta R.T. -0.005 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion:202 Resp: 54170
Ion Ratio Lower Upper
202 100
101 15.0 12.6 18.8
100 12.0 9.8 14.6





#21

Benzo(a)anthracene

Concen: 0.374 ng/ul

RT: 21.486 min Scan# 4135

Delta R.T. -0.006 min

Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Instrument :

BNA_M

ClientSampleId :

DCGB5

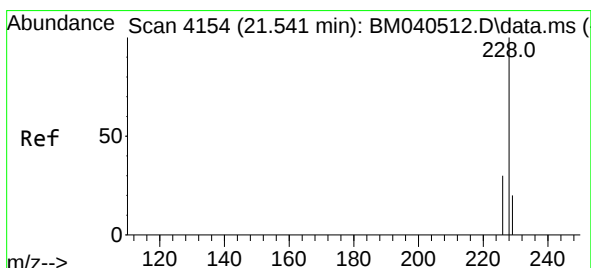
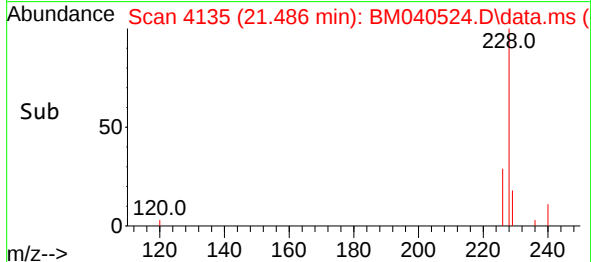
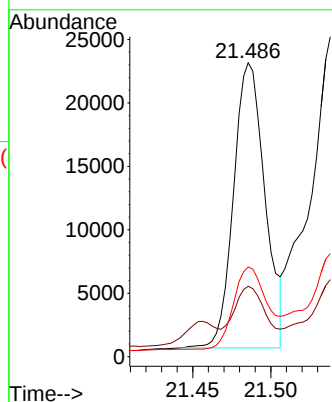
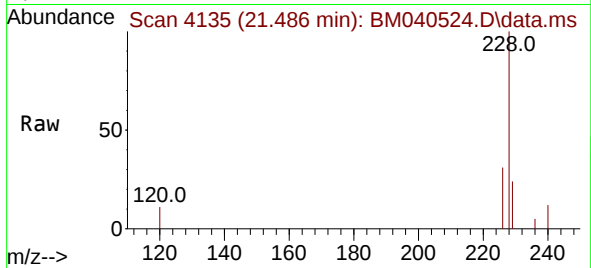
Tgt Ion:228 Resp: 31390

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.0	24.0
226	30.6	22.3	33.5

Manual Integrations

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



#22

Chrysene

Concen: 0.448 ng/ul

RT: 21.538 min Scan# 4153

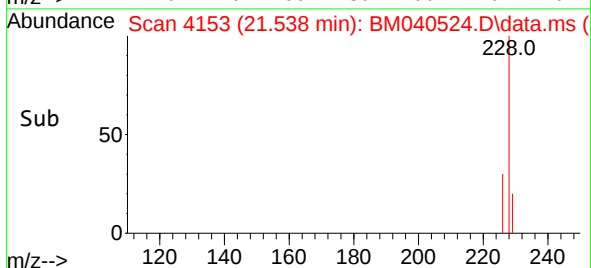
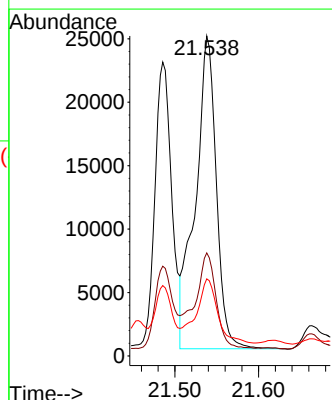
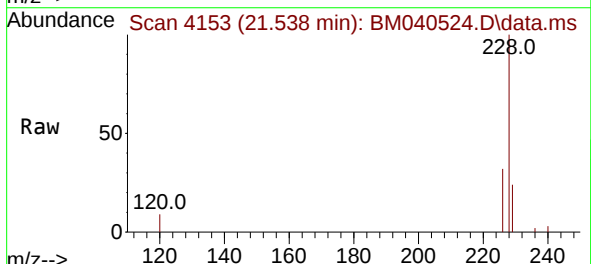
Delta R.T. -0.006 min

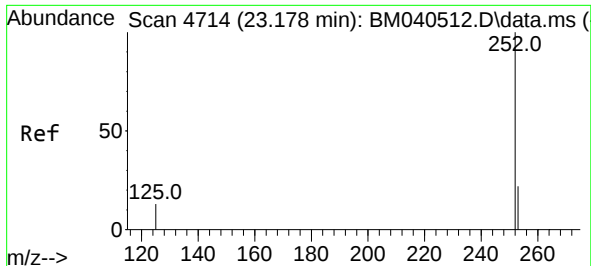
Lab File: BM040524.D

Acq: 02 Jul 2023 04:32

Tgt Ion:228 Resp: 42903

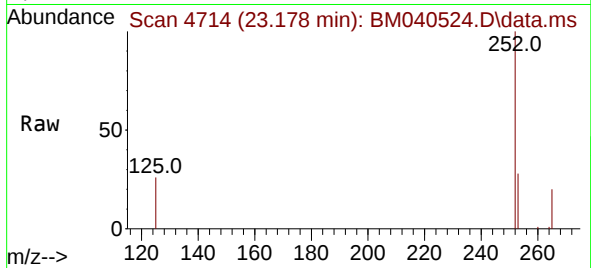
Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.9	37.3
229	24.1	15.8	23.6





#24
Benzo(b)fluoranthene
Concen: 0.684 ng/ul
RT: 23.178 min Scan# 4714
Delta R.T. -0.003 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

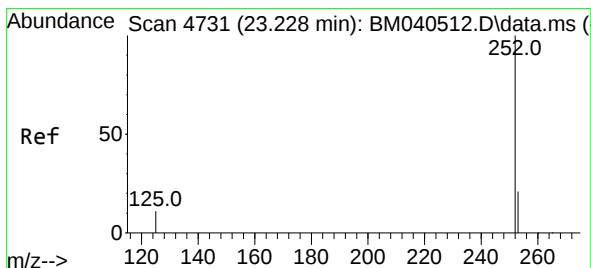
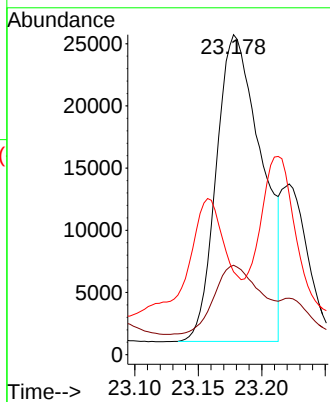
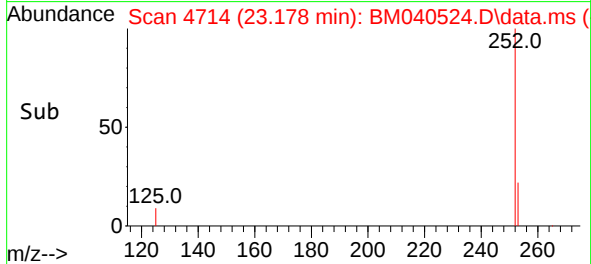
Instrument :
BNA_M
ClientSampleId :
DCGB5



Tgt Ion:252 Resp: 61030
Ion Ratio Lower Upper
252 100
253 28.0 0.0 52.8
125 25.9 0.0 43.0

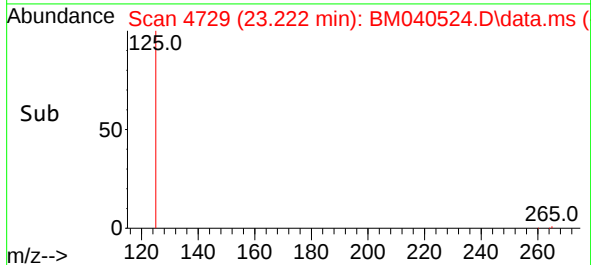
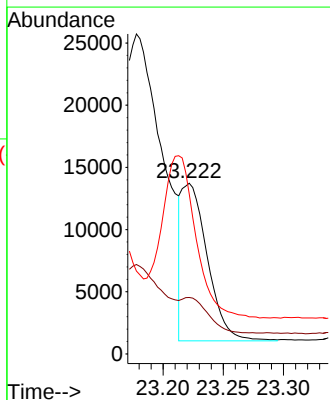
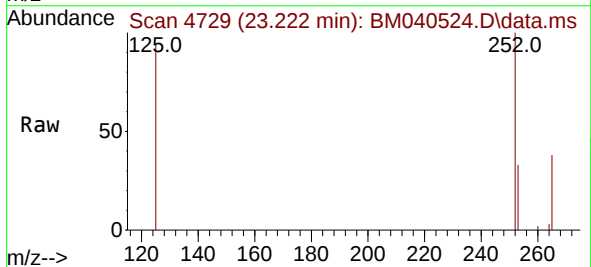
Manual Integrations
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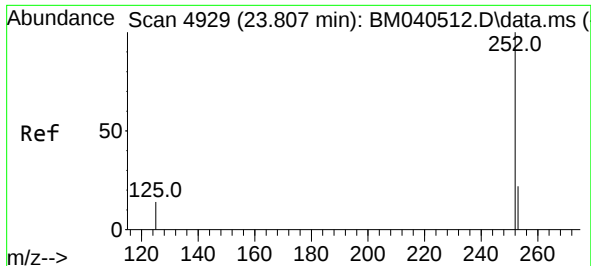
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#25
Benzo(k)fluoranthene
Concen: 0.214 ng/ul m
RT: 23.222 min Scan# 4729
Delta R.T. -0.006 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

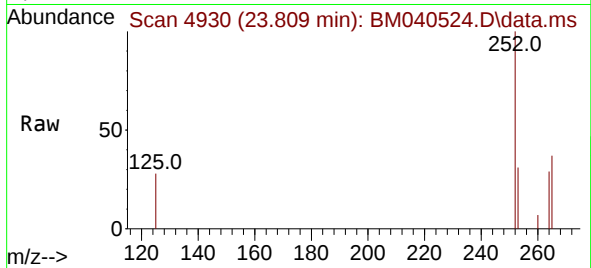
Tgt Ion:252 Resp: 18858
Ion Ratio Lower Upper
252 100
253 33.1 21.2 31.8#
125 93.7 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 0.394 ng/ul
RT: 23.809 min Scan# 4929
Delta R.T. -0.003 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

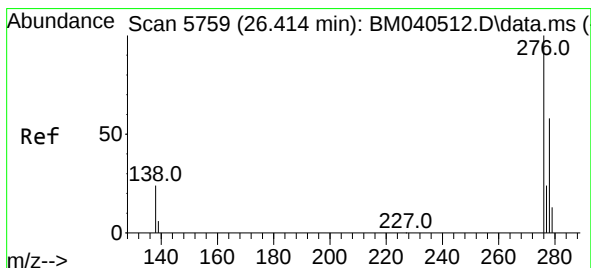
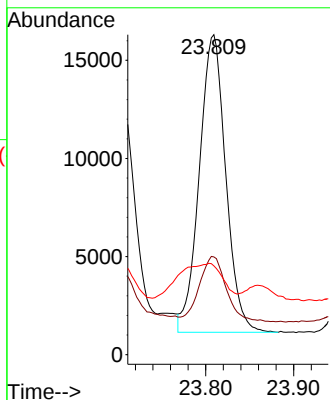
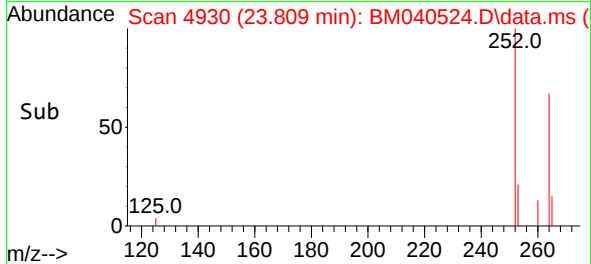
Instrument :
BNA_M
ClientSampleId :
DCGB5



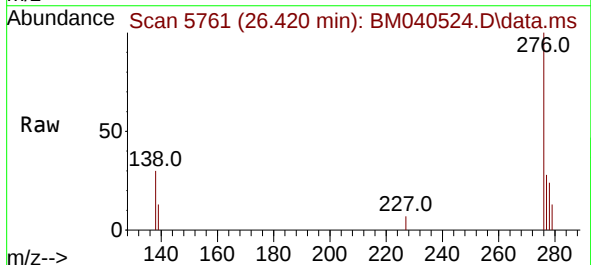
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Ion Ratio Lower Upper
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125 27.7 21.0 31.4

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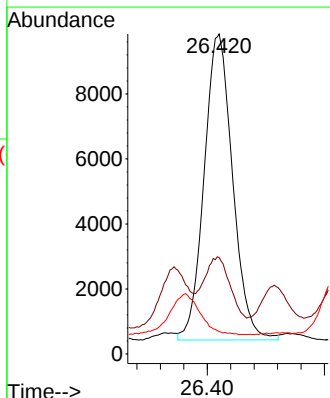
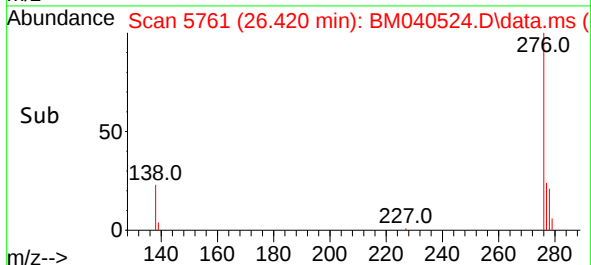
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

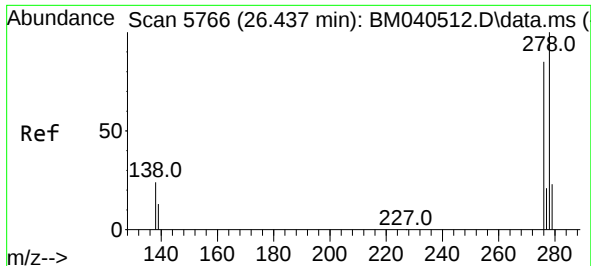


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.283 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32



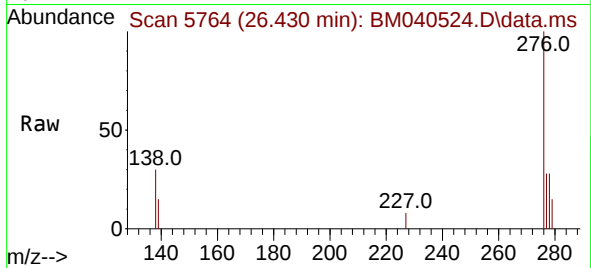
Tgt Ion:276 Resp: 31723
Ion Ratio Lower Upper
276 100
138 18.6 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.088 ng/ul
RT: 26.430 min Scan# 5766
Delta R.T. -0.007 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

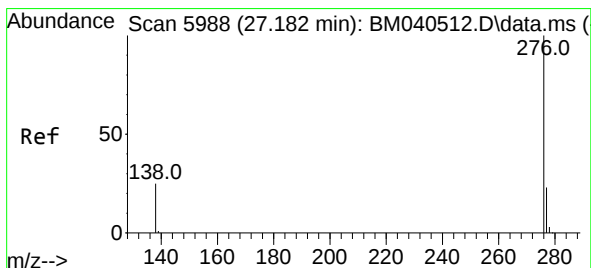
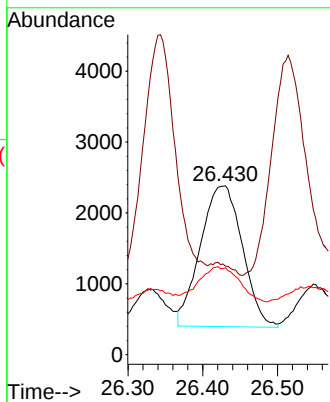
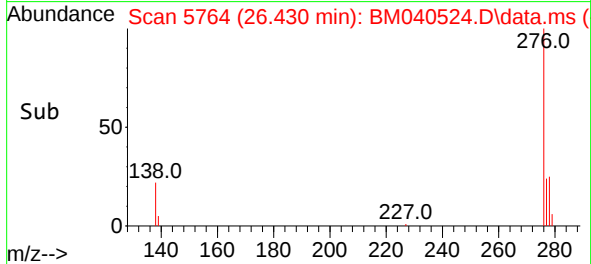
Instrument :
BNA_M
ClientSampleId :
DCGB5



Tgt Ion: 278 Resp: 7750
Ion Ratio Lower Upper
278 100
139 52.4 17.9 26.9
279 51.5 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: 0.296 ng/ul
RT: 27.195 min Scan# 5992
Delta R.T. 0.010 min
Lab File: BM040524.D
Acq: 02 Jul 2023 04:32

Tgt Ion: 276 Resp: 29087
Ion Ratio Lower Upper
276 100
138 32.7 23.0 34.6
277 27.5 20.3 30.5

