

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
 Data File : BM040525.D
 Acq On : 02 Jul 2023 05:09
 Operator : MA/JU
 Sample : 03242-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCGB6

Manual Integrations
 APPROVED

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

Quant Time: Jul 02 05:52:37 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	9380	0.400	ng/ul	0.00
4) Naphthalene-d8	10.740	136	34107	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.573	164	18706	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.320	188	38341	0.400	ng/ul	0.00
17) Chrysene-d12	21.503	240	22520	0.400	ng/ul	0.00
23) Perylene-d12	23.918	264	23164	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.321	96	32463	2.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.329	152	8760	0.183	ng/ul	0.00
18) Fluoranthene-d10	19.347	212	17202	0.238	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.789	128	6211	0.066	ng/ul#	89
7) 2-Methylnaphthalene	12.400	142	4013	0.073	ng/ul	100
8) 1-Methylnaphthalene	12.620	142	3050	0.055	ng/ul	100
10) Acenaphthylene	14.295	152	13548	0.162	ng/ul	96
11) Acenaphthene	14.633	153	4814	0.068	ng/ul	97
12) Fluorene	15.623	166	4578	0.061	ng/ul#	95
15) Phenanthrene	17.362	178	132119	1.109	ng/ul	98
16) Anthracene	17.455	178	23491	0.235	ng/ul	98
19) Fluoranthene	19.375	202	398275	4.163	ng/ul	97
20) Pyrene	19.742	202	298902	2.914	ng/ul	97
21) Benzo(a)anthracene	21.486	228	160831	2.111	ng/ul	98
22) Chrysene	21.538	228	190683	2.194	ng/ul	98
24) Benzo(b)fluoranthene	23.181	252	293585	3.275	ng/ul	90
25) Benzo(k)fluoranthene	23.219	252	92664m	1.049	ng/ul	
26) Benzo(a)pyrene	23.806	252	179624	2.224	ng/ul#	86
27) Indeno(1,2,3-cd)pyrene	26.420	276	157191	1.398	ng/ul#	84
28) Dibenzo(a,h)anthracene	26.427	278	40429	0.459	ng/ul#	90
29) Benzo(g,h,i)perylene	27.202	276	147763	1.499	ng/ul	96

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

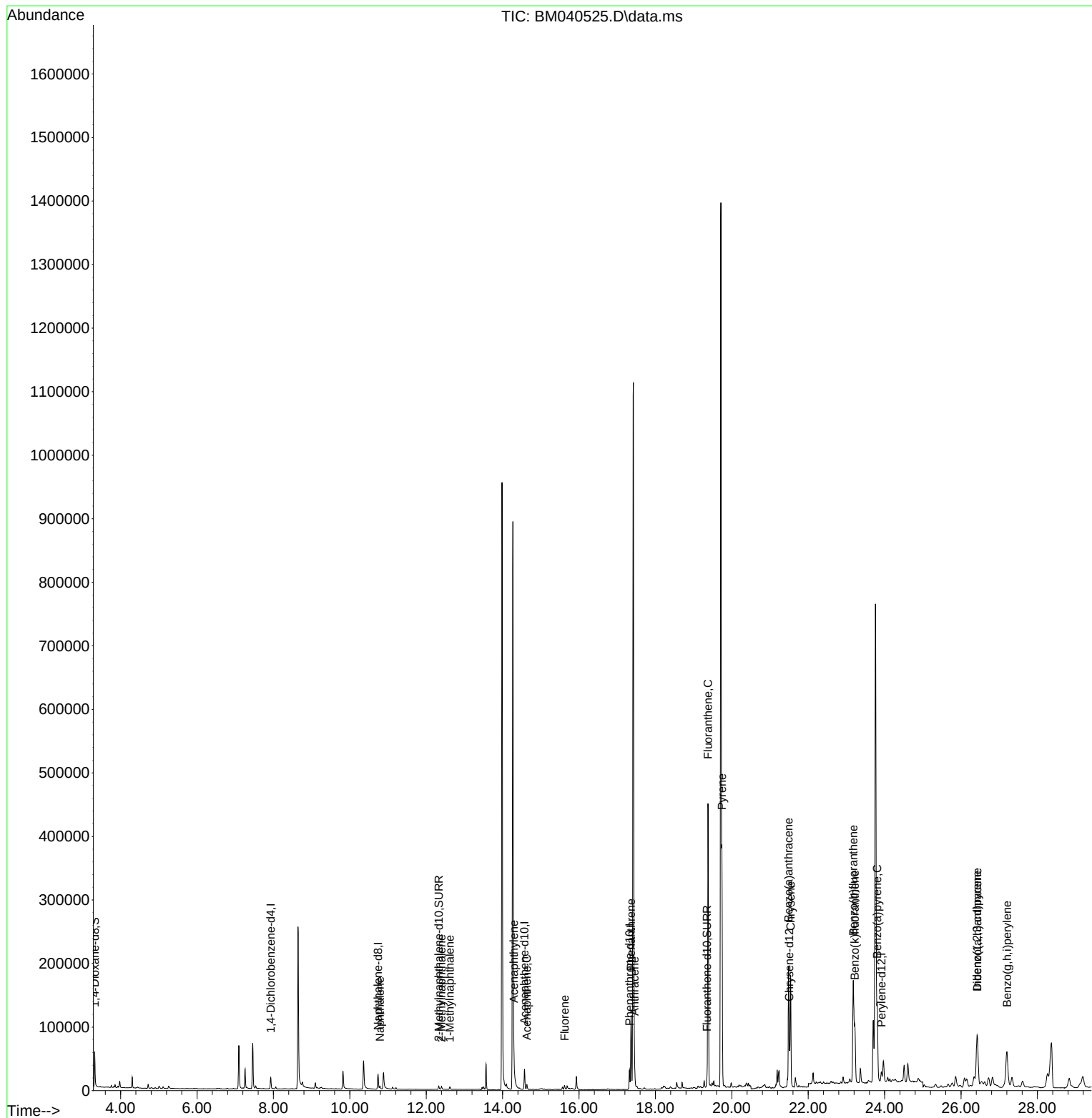
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070123\
Data File : BM040525.D
Acq On : 02 Jul 2023 05:09
Operator : MA/JU
Sample : 03242-15
Misc :
ALS Vial : 31 Sample Multiplier: 1

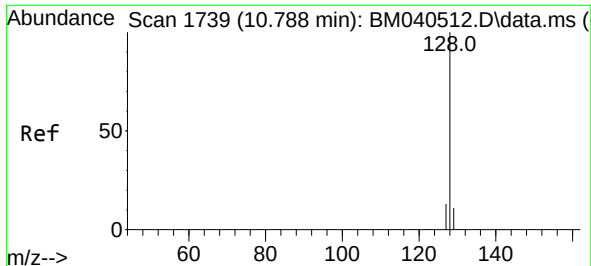
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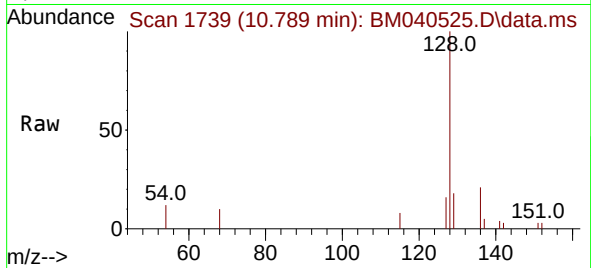
Quant Time: Jul 02 05:52:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 03:00:05 2023
Response via : Initial Calibration





#5
Naphthalene
Concen: 0.066 ng/ul
RT: 10.789 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

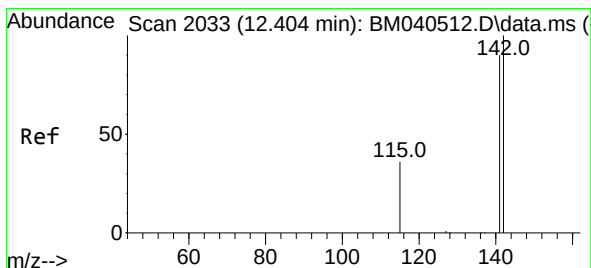
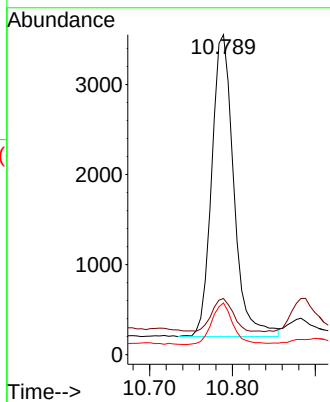
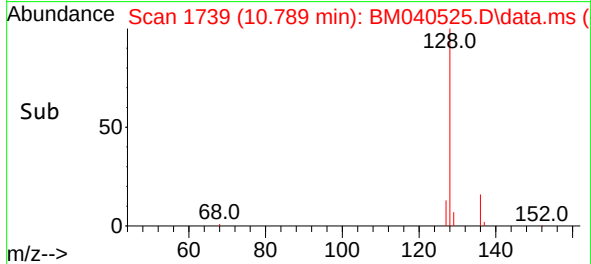
Instrument :
BNA_M
ClientSampleId :
DCGB6



Tgt Ion:128 Resp: 621
Ion Ratio Lower Upper
128 100
129 17.6 9.2 13.8
127 16.1 10.6 15.8

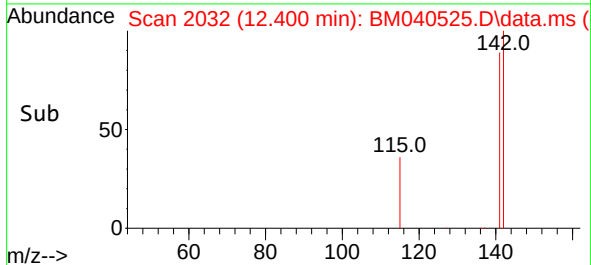
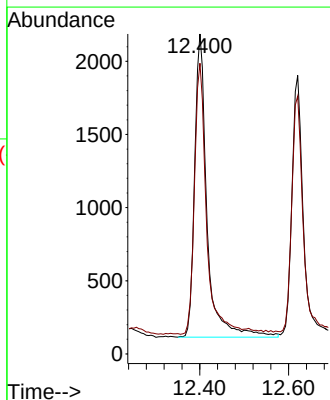
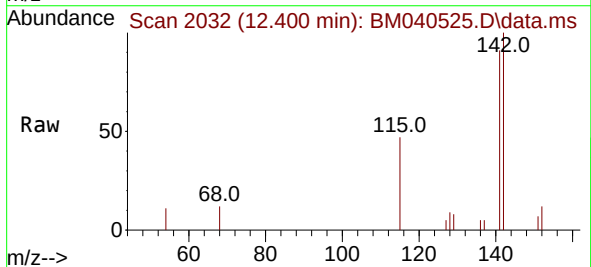
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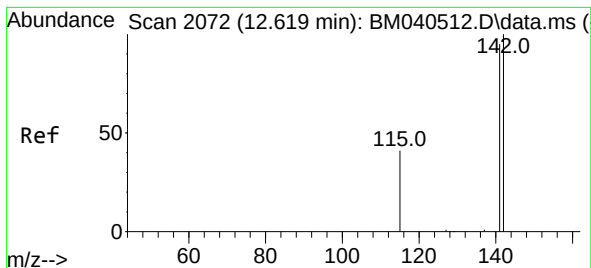
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#7
2-Methylnaphthalene
Concen: 0.073 ng/ul
RT: 12.400 min Scan# 2032
Delta R.T. -0.005 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

Tgt Ion:142 Resp: 4013
Ion Ratio Lower Upper
142 100
141 89.6 71.9 107.9





#8

1-Methylnaphthalene

Concen: 0.055 ng/ul

RT: 12.620 min Scan# 2072

Delta R.T. -0.005 min

Lab File: BM040525.D

Acq: 02 Jul 2023 05:09

Instrument :

BNA_M

ClientSampleId :

DCGB6

Tgt Ion:142 Resp: 3050

Ion Ratio Lower Upper

142 100

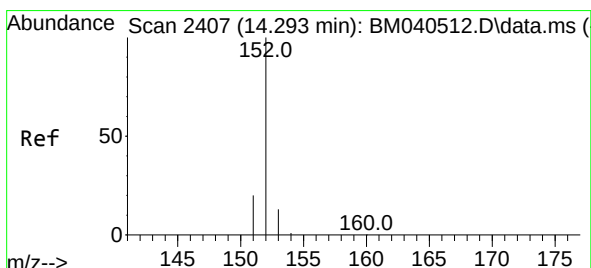
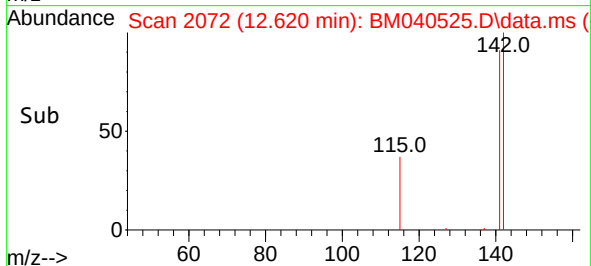
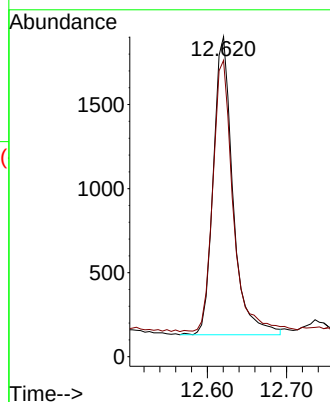
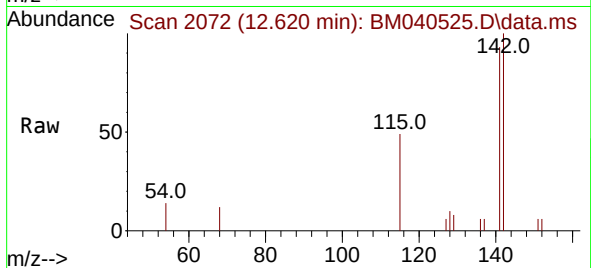
141 92.0 73.7 110.5

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#10

Acenaphthylene

Concen: 0.162 ng/ul

RT: 14.295 min Scan# 2407

Delta R.T. -0.004 min

Lab File: BM040525.D

Acq: 02 Jul 2023 05:09

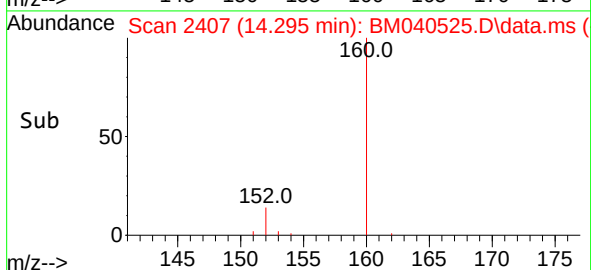
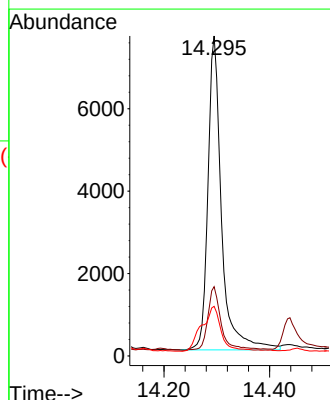
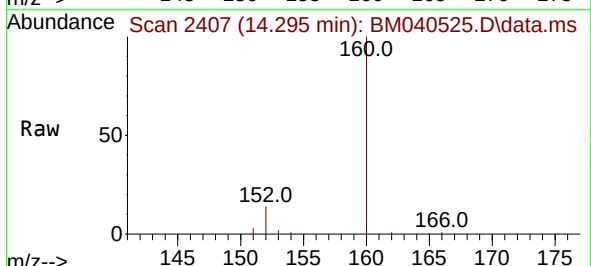
Tgt Ion:152 Resp: 13548

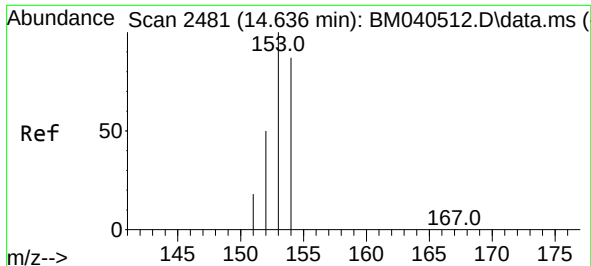
Ion Ratio Lower Upper

152 100

151 21.7 16.2 24.2

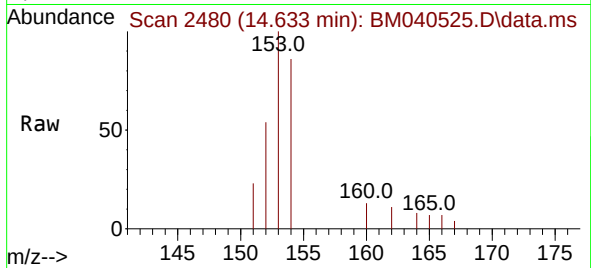
153 15.5 10.9 16.3





#11
Acenaphthene
Concen: 0.068 ng/ul
RT: 14.633 min Scan# 2481
Delta R.T. -0.009 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

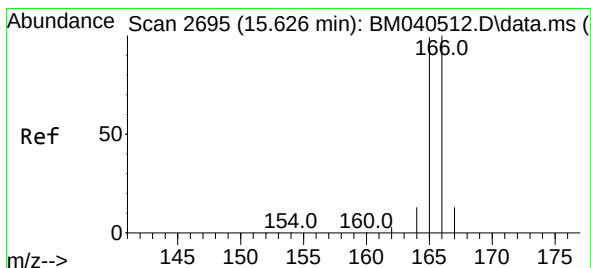
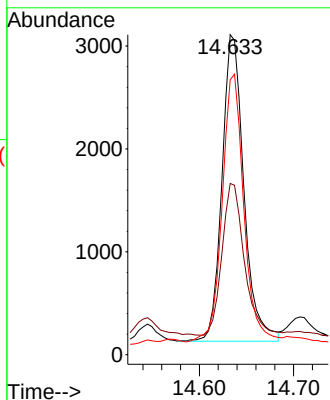
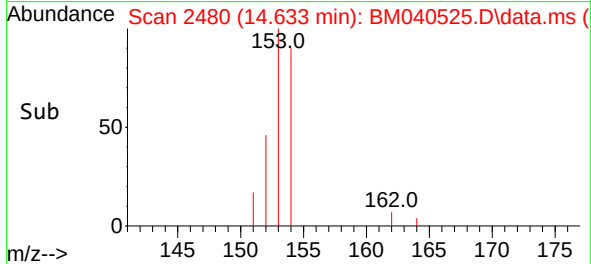
Instrument :
BNA_M
ClientSampleId :
DCGB6



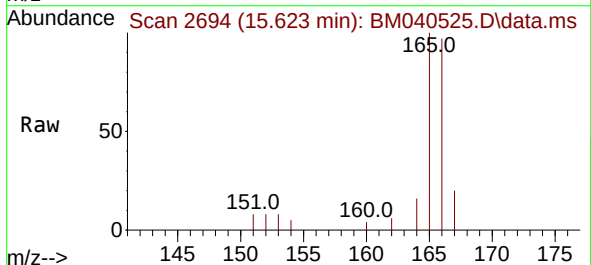
Tgt Ion:153 Resp: 4814
Ion Ratio Lower Upper
153 100
152 53.5 41.0 61.4
154 85.9 70.8 106.2

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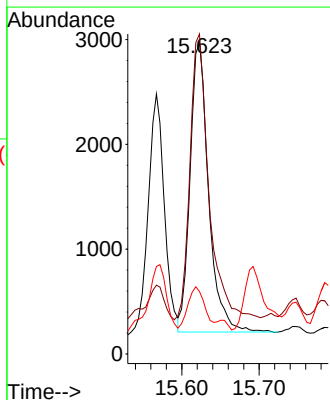
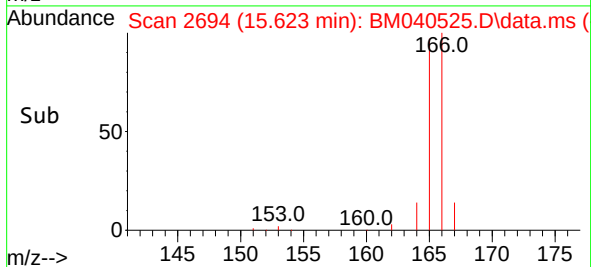
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

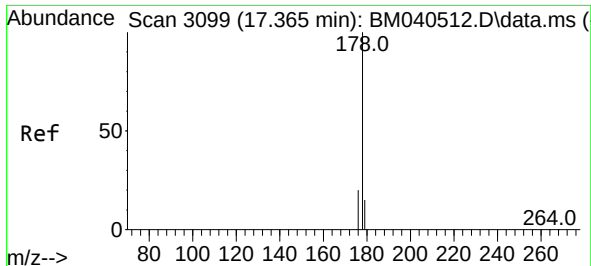


#12
Fluorene
Concen: 0.061 ng/ul
RT: 15.623 min Scan# 2694
Delta R.T. -0.009 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09



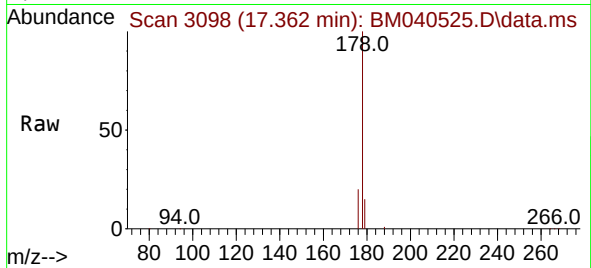
Tgt Ion:166 Resp: 4578
Ion Ratio Lower Upper
166 100
165 102.6 79.6 119.4
167 20.0 11.4 17.0#





#15
Phenanthrene
Concen: 1.109 ng/ul
RT: 17.362 min Scan# 3098
Delta R.T. -0.008 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

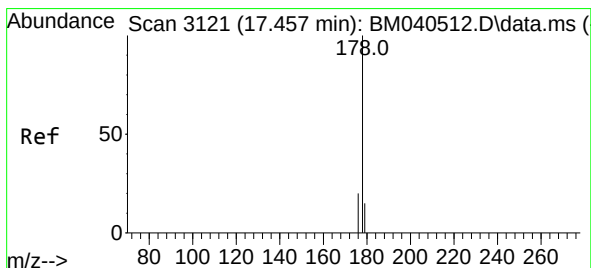
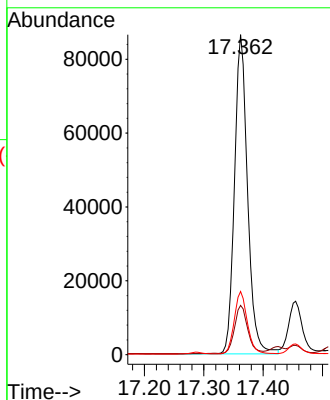
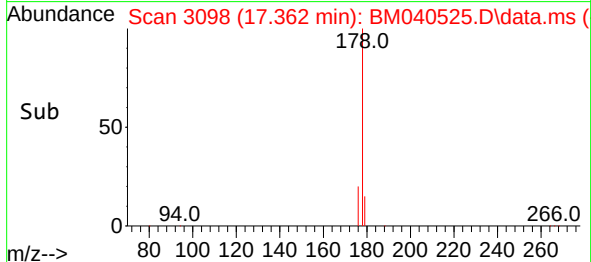
Instrument :
BNA_M
ClientSampleId :
DCGB6



Tgt Ion:178 Resp: 132119
Ion Ratio Lower Upper
178 100
179 15.4 12.8 19.2
176 19.8 16.4 24.6

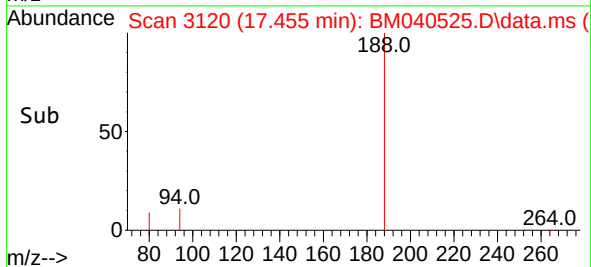
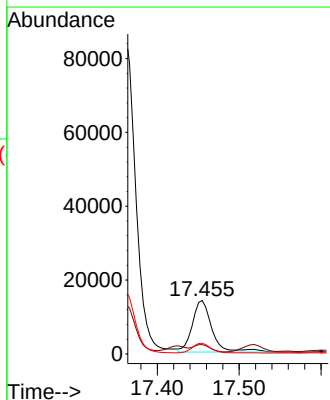
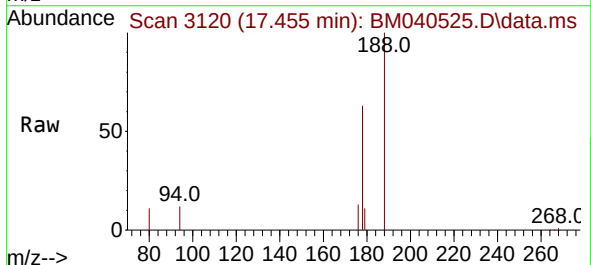
Manual Integrations
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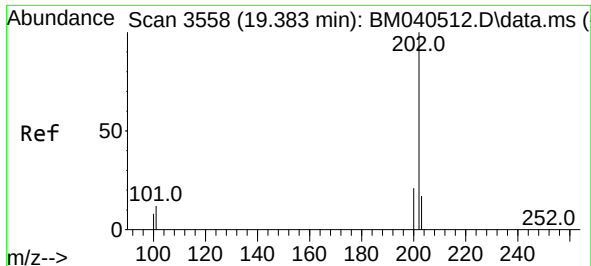
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#16
Anthracene
Concen: 0.235 ng/ul
RT: 17.455 min Scan# 3120
Delta R.T. -0.008 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

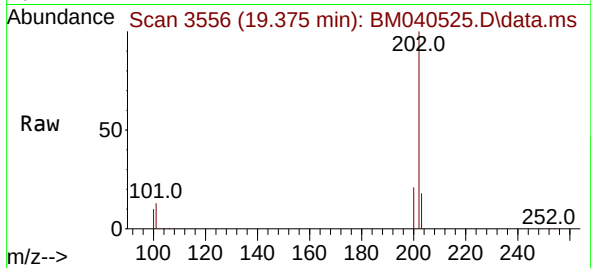
Tgt Ion:178 Resp: 23491
Ion Ratio Lower Upper
178 100
179 17.5 12.9 19.3
176 19.9 15.8 23.6





#19
Fluoranthene
Concen: 4.163 ng/u1
RT: 19.375 min Scan# 3556
Delta R.T. -0.009 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

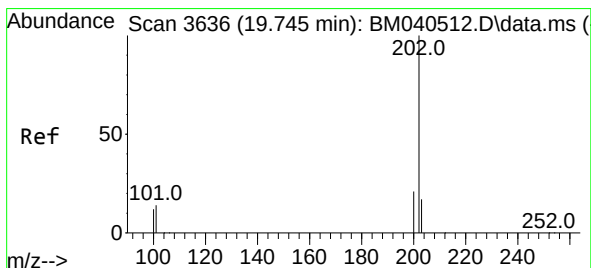
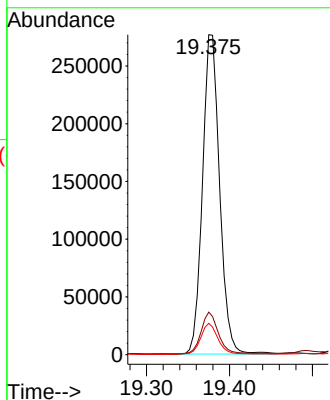
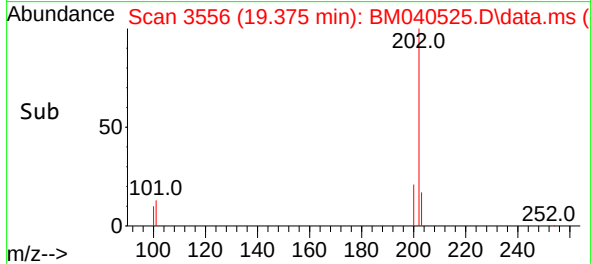
Instrument :
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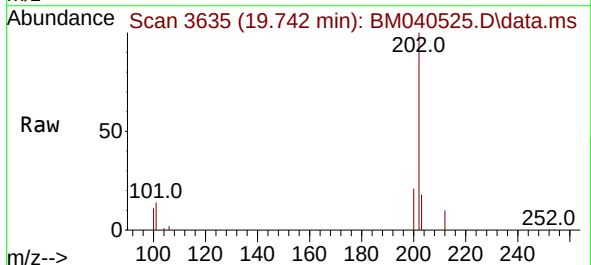
Tgt Ion:202 Resp: 398275
Ion Ratio Lower Upper
202 100
101 13.3 11.4 17.0
100 9.8 8.7 13.1

Manual Integrations
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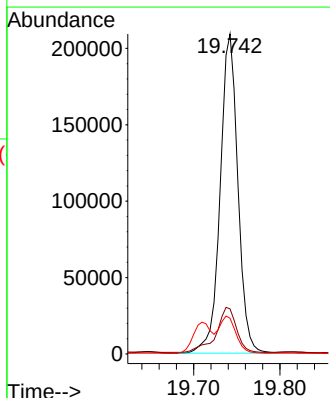
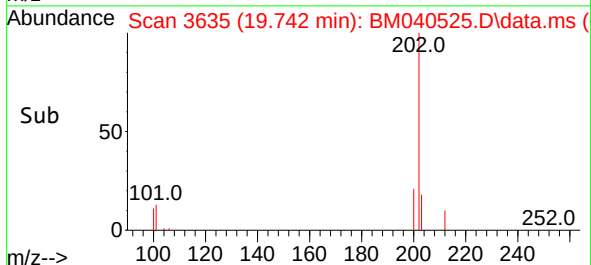
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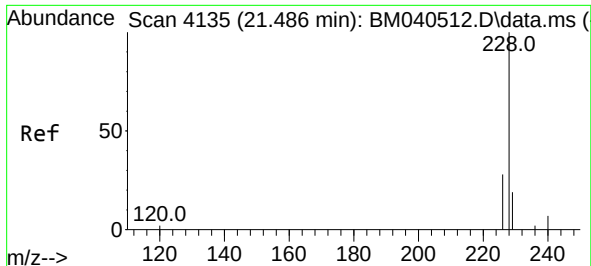


#20
Pyrene
Concen: 2.914 ng/u1
RT: 19.742 min Scan# 3635
Delta R.T. -0.004 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09



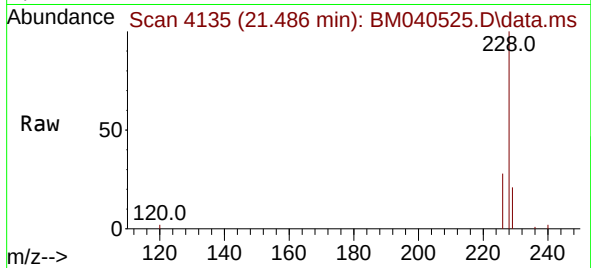
Tgt Ion:202 Resp: 298902
Ion Ratio Lower Upper
202 100
101 14.1 12.6 18.8
100 11.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 2.111 ng/ul
RT: 21.486 min Scan# 4135
Delta R.T. -0.006 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

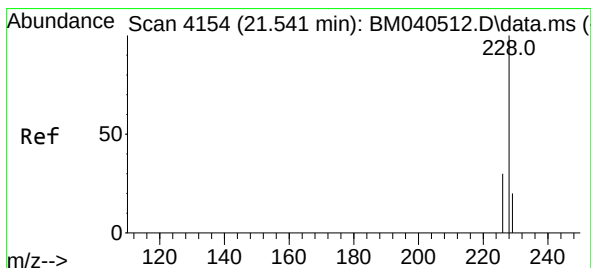
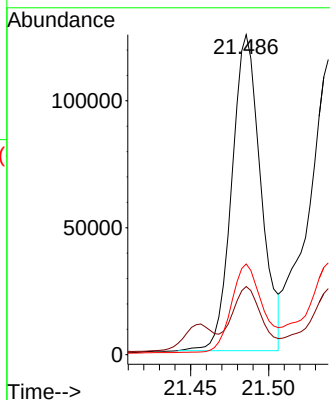
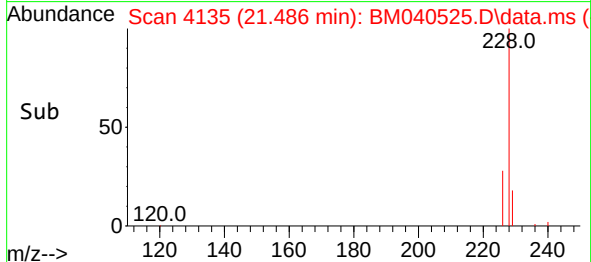
Instrument :
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Tgt Ion:228 Resp: 16083
Ion Ratio Lower Upper
228 100
229 21.3 16.0 24.0
226 28.3 22.3 33.5

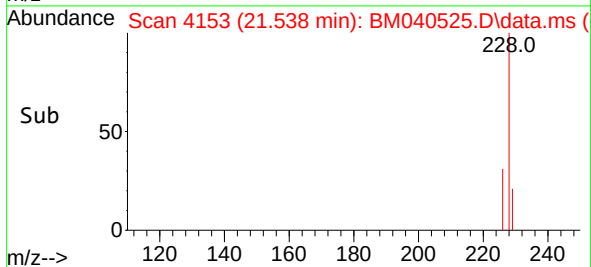
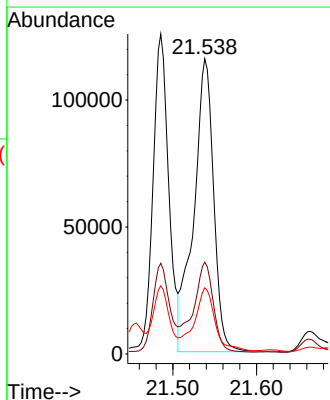
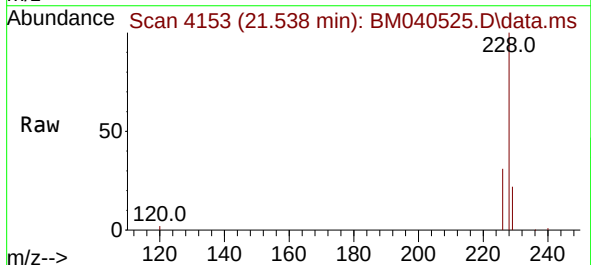
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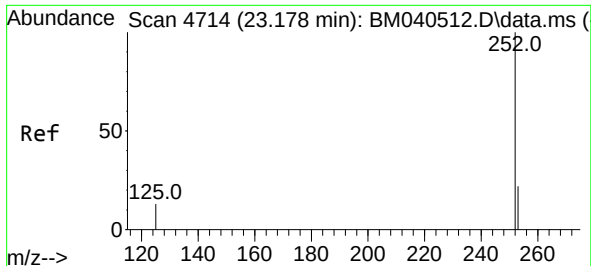
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023



#22
Chrysene
Concen: 2.194 ng/ul
RT: 21.538 min Scan# 4153
Delta R.T. -0.006 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

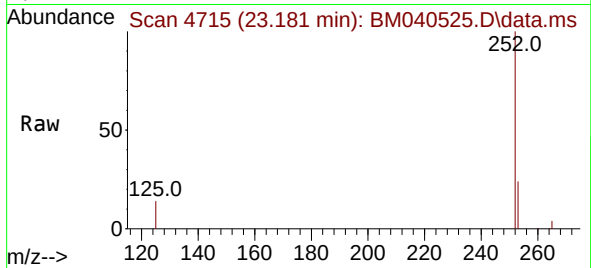
Tgt Ion:228 Resp: 190683
Ion Ratio Lower Upper
228 100
226 31.1 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 3.275 ng/ul
RT: 23.181 min Scan# 4715
Delta R.T. 0.000 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

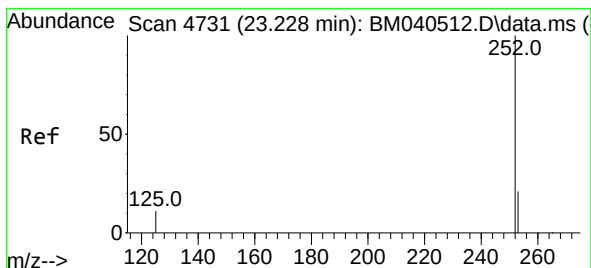
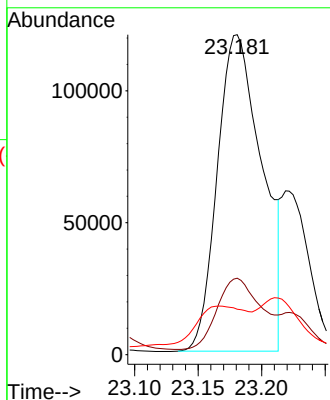
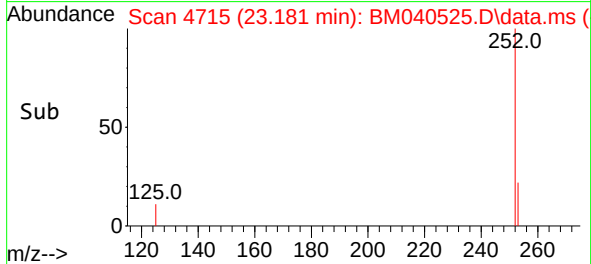
Instrument :
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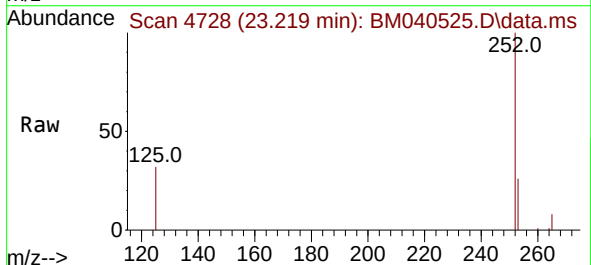
Tgt Ion:252 Resp: 29358
Ion Ratio Lower Upper
252 100
253 23.9 0.0 52.8
125 14.2 0.0 43.0

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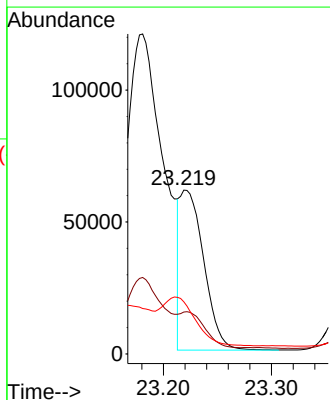
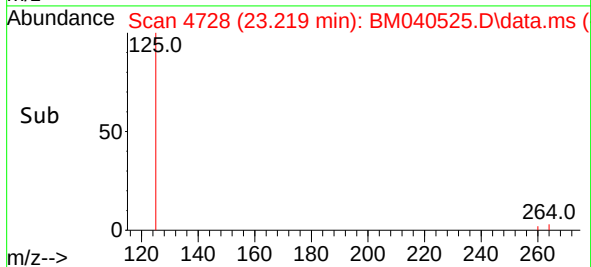
Reviewed By :Yogesh Patel 07/02/2023
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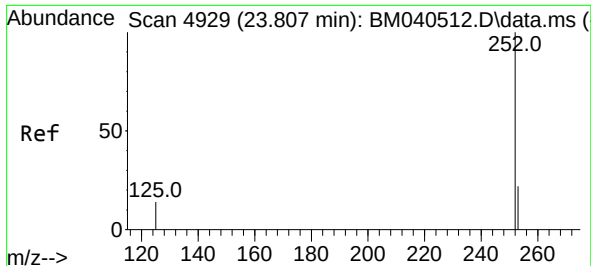


#25
Benzo(k)fluoranthene
Concen: 1.049 ng/ul m
RT: 23.219 min Scan# 4728
Delta R.T. -0.009 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09



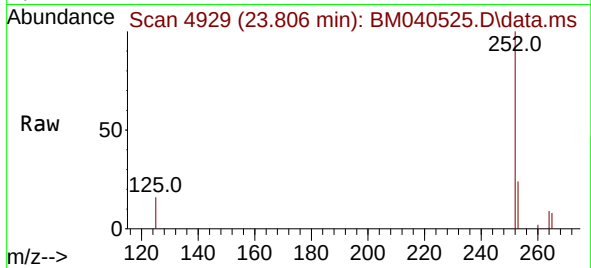
Tgt Ion:252 Resp: 92664
Ion Ratio Lower Upper
252 100
253 25.6 21.2 31.8
125 31.8 16.4 24.6#





#26
Benzo(a)pyrene
Concen: 2.224 ng/ul
RT: 23.806 min Scan# 4929
Delta R.T. -0.006 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

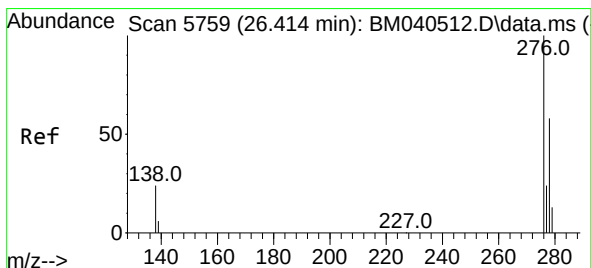
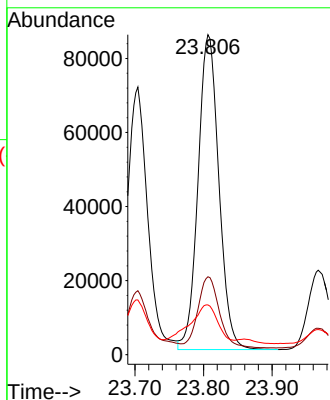
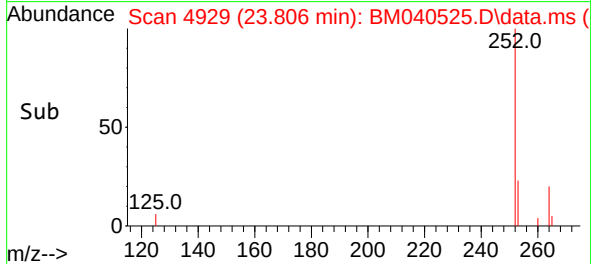
Instrument :
BNA_M
ClientSampleId :
DCGB6



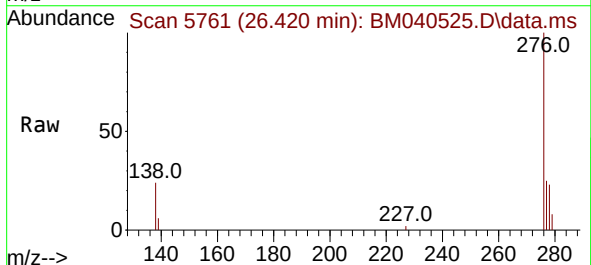
Tgt Ion:252 Resp: 179624
Ion Ratio Lower Upper
252 100
253 24.3 22.9 34.3
125 15.6 21.0 31.4

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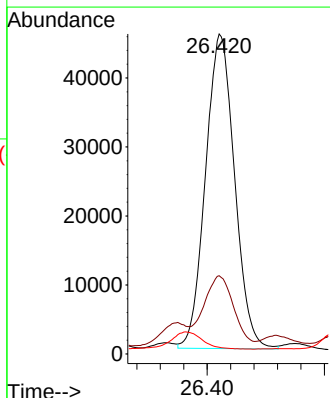
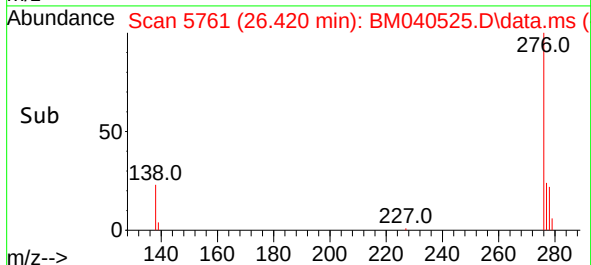
Reviewed By :Yogesh Patel 07/02/2023
Supervised By :Sohil Jodhani 07/02/2023

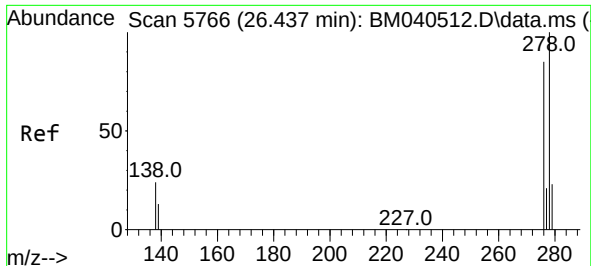


#27
Indeno(1,2,3-cd)pyrene
Concen: 1.398 ng/ul
RT: 26.420 min Scan# 5761
Delta R.T. 0.000 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09



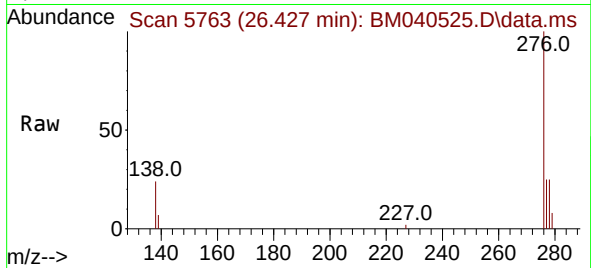
Tgt Ion:276 Resp: 157191
Ion Ratio Lower Upper
276 100
138 21.9 24.5 36.7#
227 0.0 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.459 ng/ul
RT: 26.427 min Scan# 5763
Delta R.T. -0.010 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09

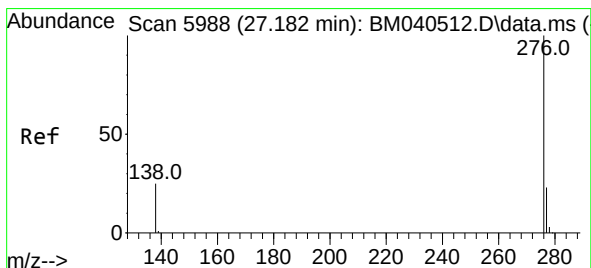
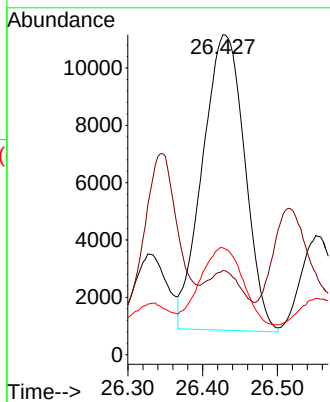
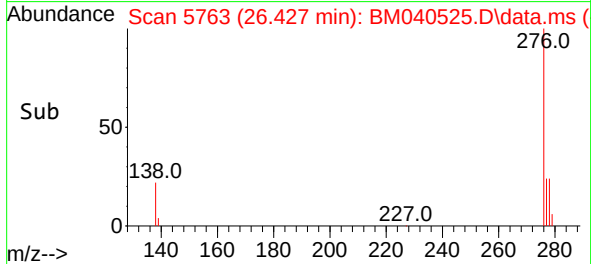
Instrument :
BNA_M
ClientSampleId :
DCGB6



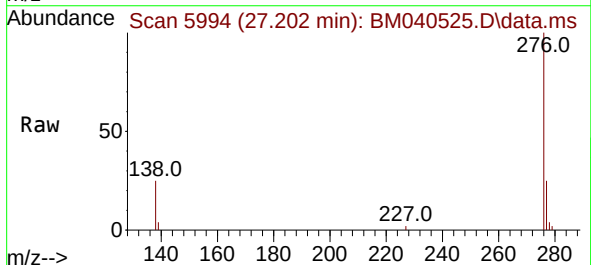
Tgt Ion:278 Resp: 40429
Ion Ratio Lower Upper
278 100
139 26.3 17.9 26.9
279 33.3 22.0 33.0

Manual Integrations
APPROVED

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



#29
Benzo(g,h,i)perylene
Concen: 1.499 ng/ul
RT: 27.202 min Scan# 5994
Delta R.T. 0.017 min
Lab File: BM040525.D
Acq: 02 Jul 2023 05:09



Tgt Ion:276 Resp: 147763
Ion Ratio Lower Upper
276 100
138 25.4 23.0 34.6
277 24.7 20.3 30.5

