

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
 Data File : BM040817.D
 Acq On : 11 Jul 2023 18:01
 Operator : MA/JU
 Sample : 03414-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4637

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/12/2023
 Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 04:35:06 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 : Tue Jul 11 03:54:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.883	152	3212	0.400	ng/ul	0.00
4) Naphthalene-d8	10.686	136	12180	0.400	ng/ul #	0.00
9) Acenaphthene-d10	14.527	164	5925	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.278	188	11161	0.400	ng/ul	-0.01
17) Chrysene-d12	21.469	240	7652	0.400	ng/ul	-0.02
23) Perylene-d12	23.857	264	5848	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.296	96	6296	1.248	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.280	152	1306	0.076	ng/ul	0.00
18) Fluoranthene-d10	19.306	212	2127	0.087	ng/ul	-0.01
Target Compounds						
					Qvalue	
5) Naphthalene	10.735	128	6594	0.196	ng/ul	97
7) 2-Methylnaphthalene	12.352	142	705	0.036	ng/ul	100
8) 1-Methylnaphthalene	12.572	142	469	0.024	ng/ul	97
10) Acenaphthylene	14.245	152	3805	0.144	ng/ul#	89
11) Acenaphthene	14.587	153	1572	0.070	ng/ul	96
12) Fluorene	15.577	166	1981	0.083	ng/ul#	95
15) Phenanthrene	17.320	178	33436	0.964	ng/ul	99
16) Anthracene	17.413	178	10186	0.350	ng/ul	96
19) Fluoranthene	19.338	202	69230	2.130	ng/ul	97
20) Pyrene	19.701	202	63489	1.822	ng/ul	98
21) Benzo(a)anthracene	21.454	228	26764	1.034	ng/ul	95
22) Chrysene	21.504	228	25611	0.867	ng/ul	96
24) Benzo(b)fluoranthene	23.135	252	30079	1.329	ng/ul	97
25) Benzo(k)fluoranthene	23.164	252	15755m	0.706	ng/ul	
26) Benzo(a)pyrene	23.754	252	18904	0.927	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.334	276	14587	0.514	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.344	278	3294	0.148	ng/ul#	72
29) Benzo(g,h,i)perylene	27.098	276	2865	0.115	ng/ul#	77

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

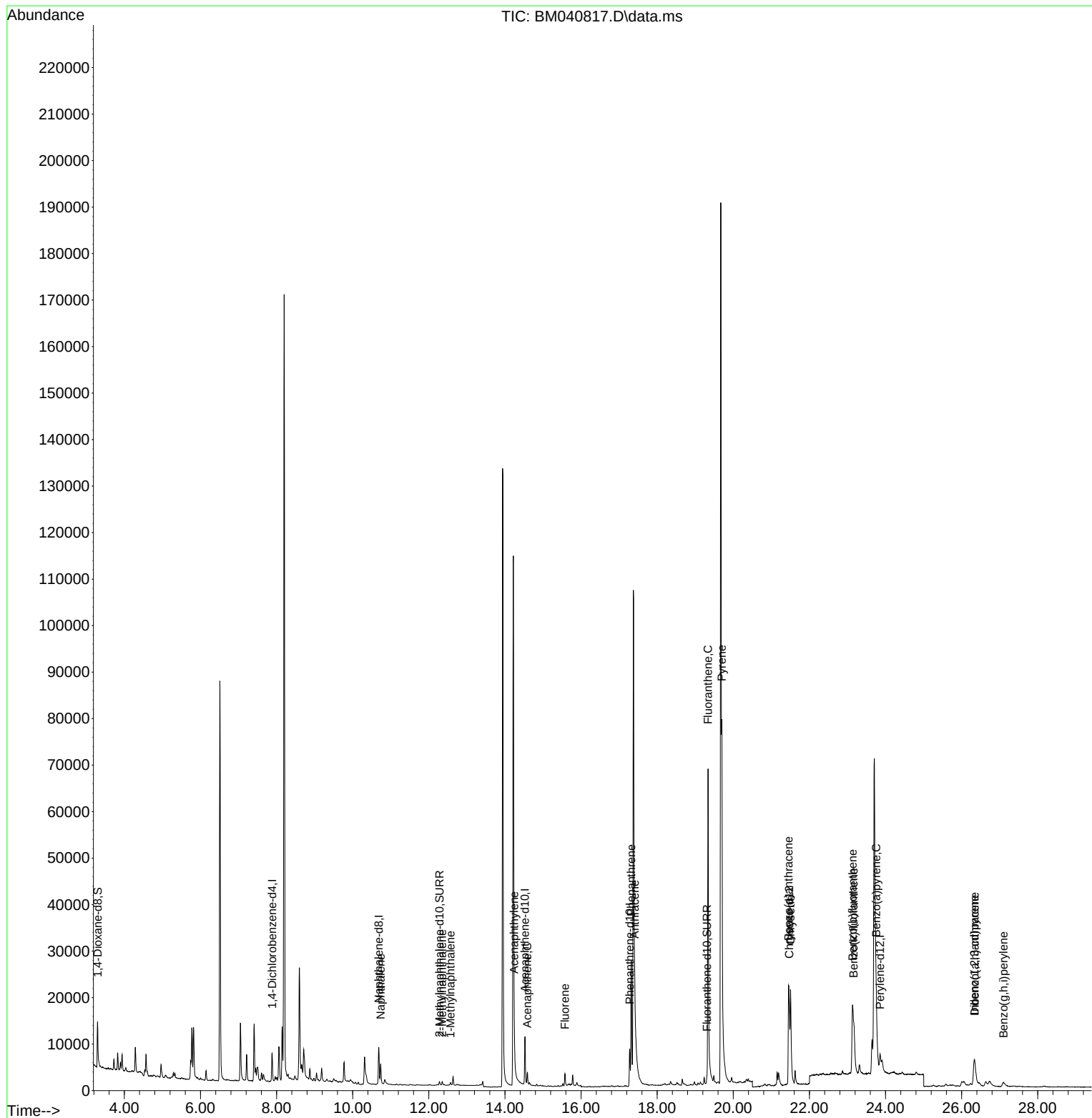
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071123\
Data File : BM040817.D
Acq On : 11 Jul 2023 18:01
Operator : MA/JU
Sample : 03414-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

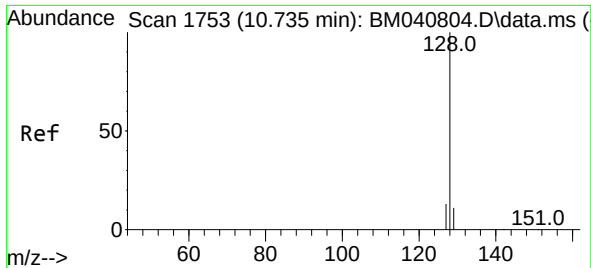
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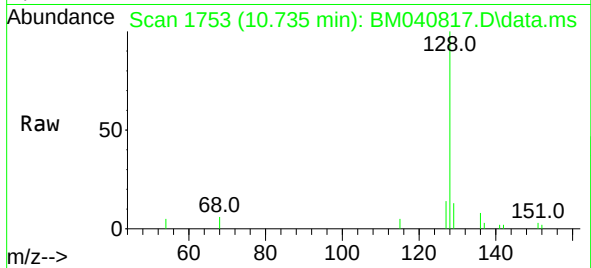
Quant Time: Jul 12 04:35:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 03:54:24 2023
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#5
Naphthalene
Concen: 0.196 ng/ul
RT: 10.735 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

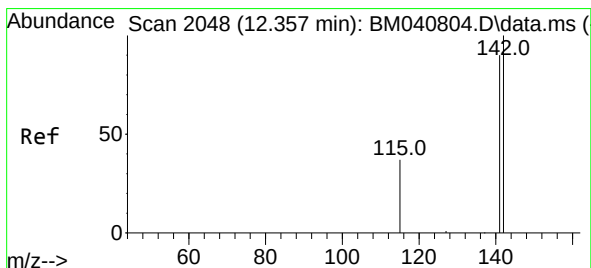
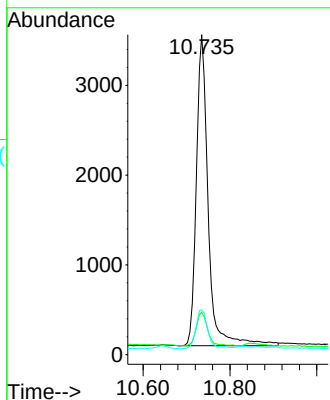
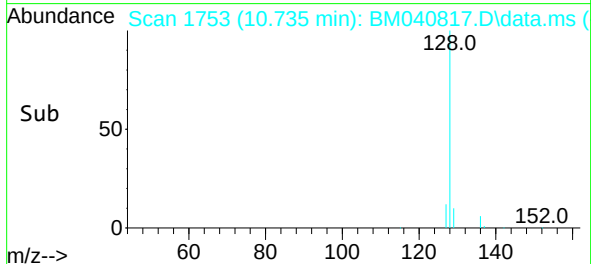
Instrument :
BNA_M
ClientSampleId :
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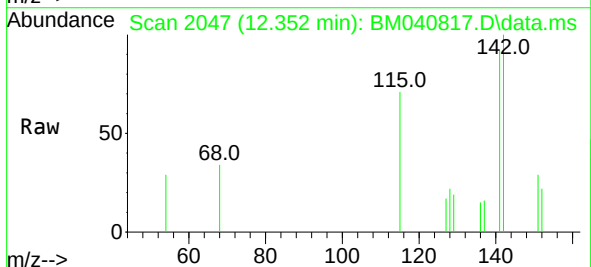
Tgt Ion:128 Resp: 6594
Ion Ratio Lower Upper
128 100
129 13.2 9.2 13.8
127 14.1 10.6 15.8

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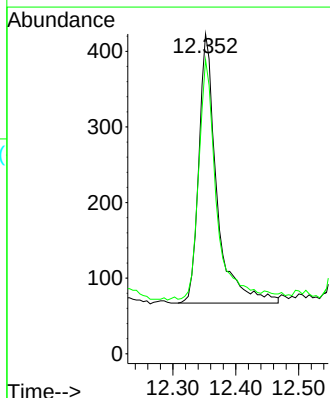
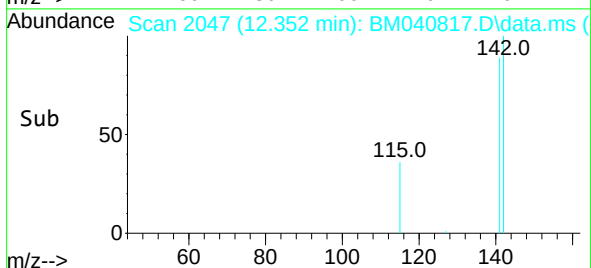
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

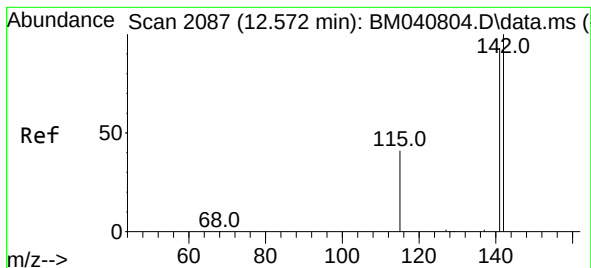


#7
2-Methylnaphthalene
Concen: 0.036 ng/ul
RT: 12.352 min Scan# 2047
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



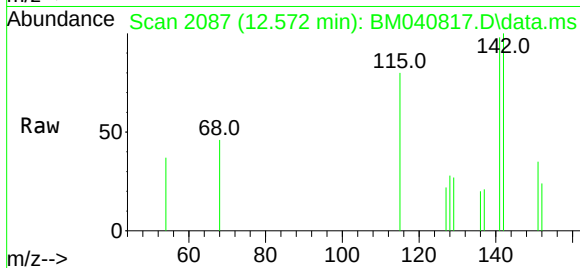
Tgt Ion:142 Resp: 705
Ion Ratio Lower Upper
142 100
141 90.1 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.572 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

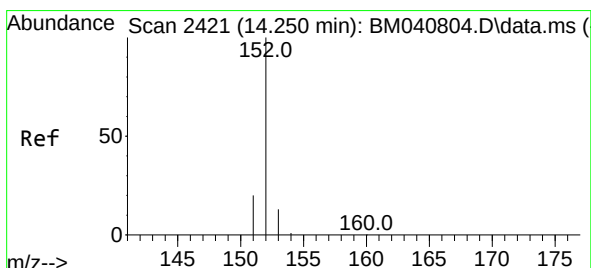
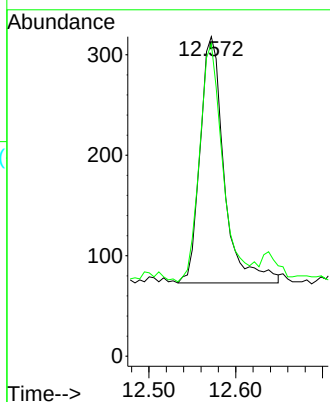
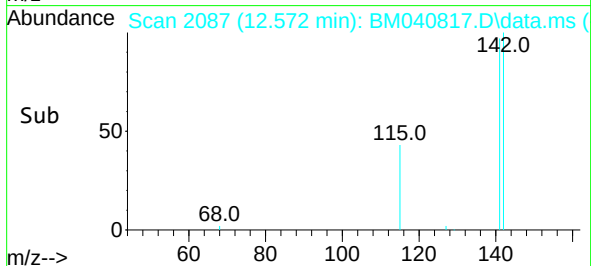
Instrument :
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A4637



Tgt Ion:142 Resp: 469
Ion Ratio Lower Upper
142 100
141 95.3 73.7 110.5

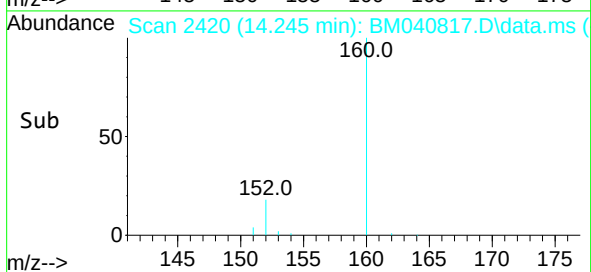
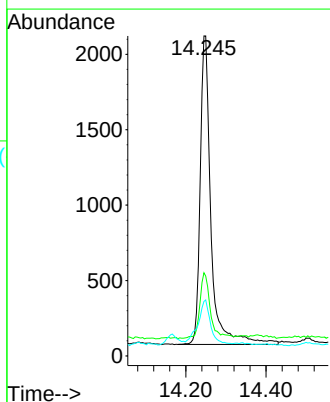
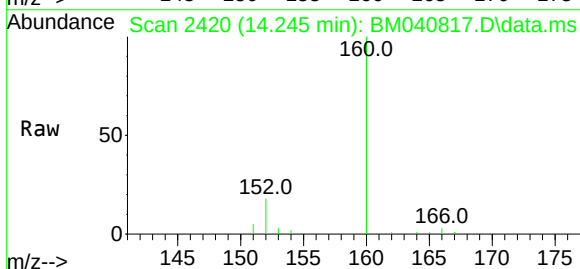
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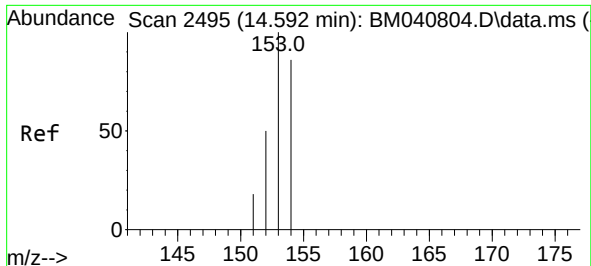
Reviewed By :Yogesh Patel 07/12/2023
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#10
Acenaphthylene
Concen: 0.144 ng/ul
RT: 14.245 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

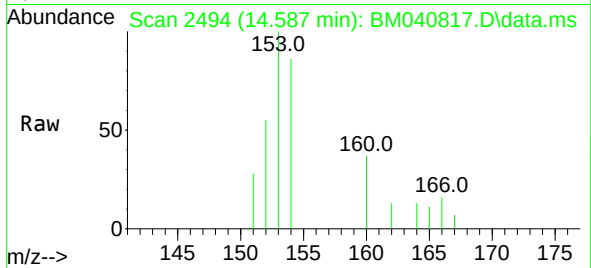
Tgt Ion:152 Resp: 3805
Ion Ratio Lower Upper
152 100
151 26.0 16.2 24.2#
153 17.1 10.9 16.3#





#11
Acenaphthene
Concen: 0.070 ng/ul
RT: 14.587 min Scan# 2494
Delta R.T. -0.009 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

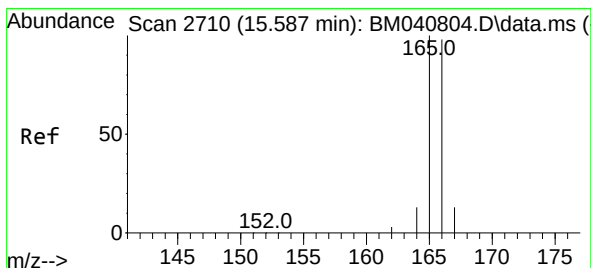
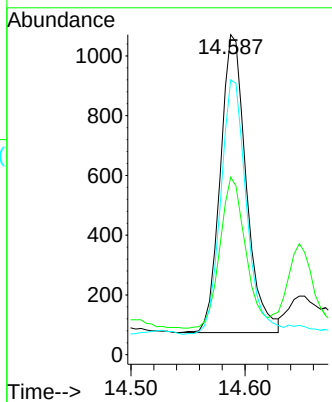
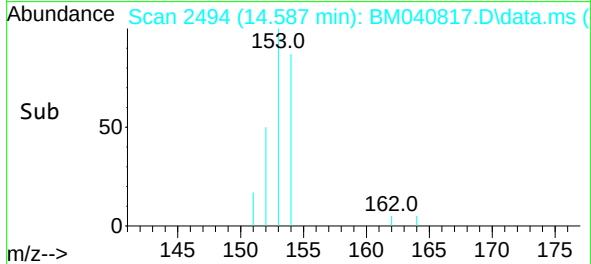
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 1572
Ion Ratio Lower Upper
153 100
152 55.5 41.0 61.4
154 85.9 70.8 106.2

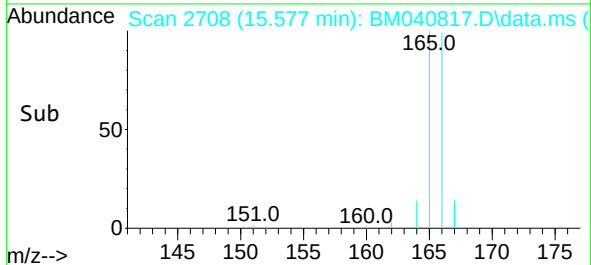
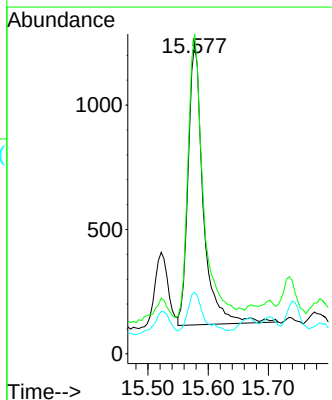
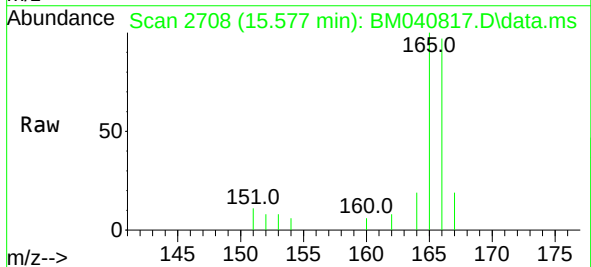
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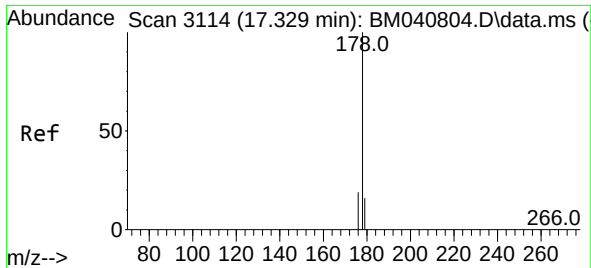
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#12
Fluorene
Concen: 0.083 ng/ul
RT: 15.577 min Scan# 2708
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

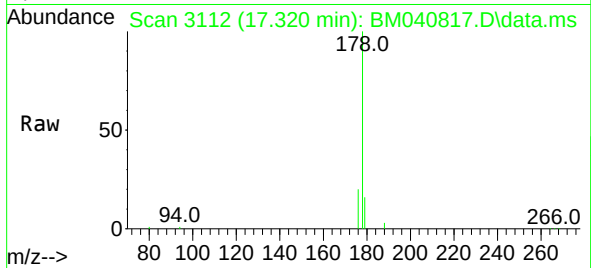
Tgt Ion:166 Resp: 1981
Ion Ratio Lower Upper
166 100
165 103.0 79.6 119.4
167 19.9 11.4 17.0#





#15
Phenanthrene
Concen: 0.964 ng/ul
RT: 17.320 min Scan# 3112
Delta R.T. -0.013 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

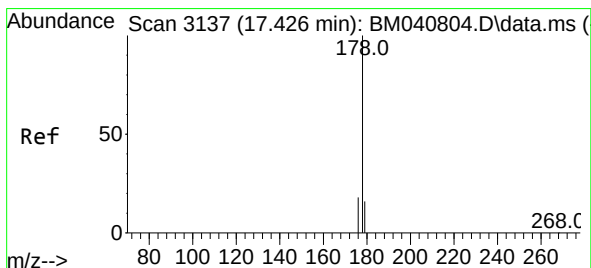
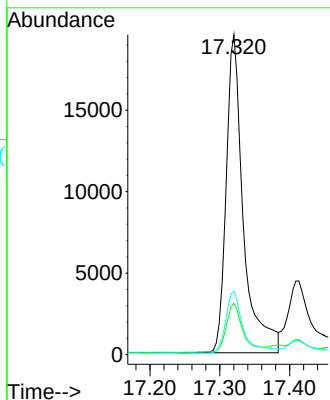
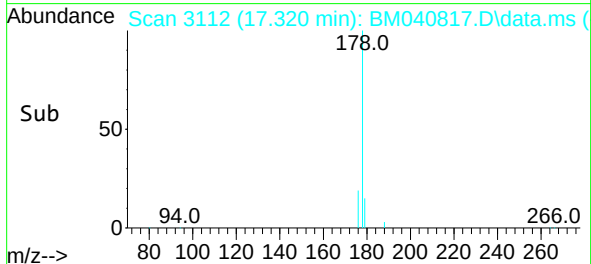
Instrument :
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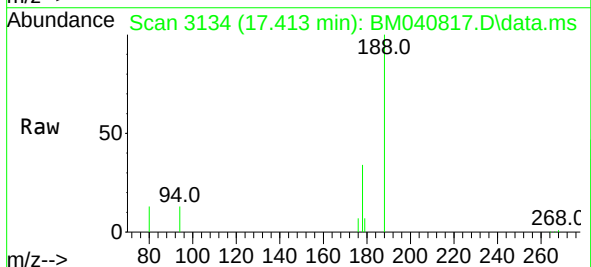
Tgt Ion:178 Resp: 33430
Ion Ratio Lower Upper
178 100
179 16.1 12.8 19.2
176 19.9 16.4 24.6

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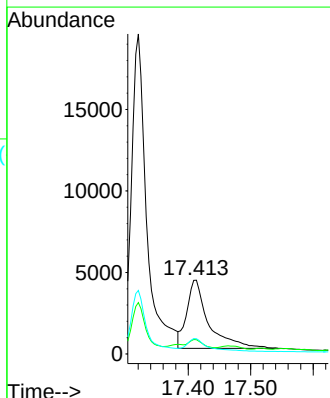
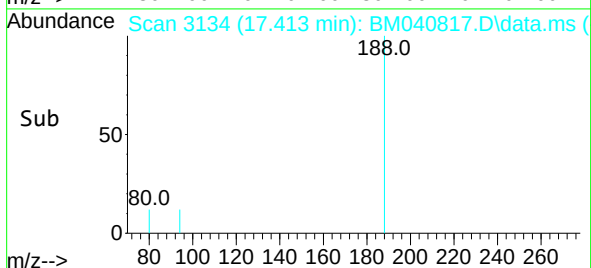
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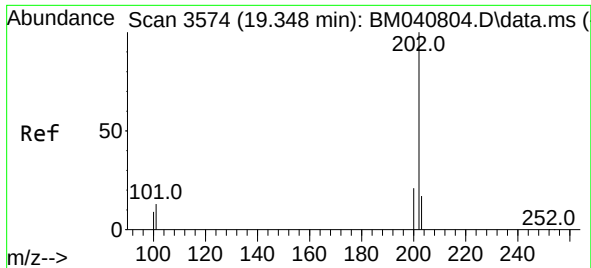


#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.413 min Scan# 3134
Delta R.T. -0.017 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



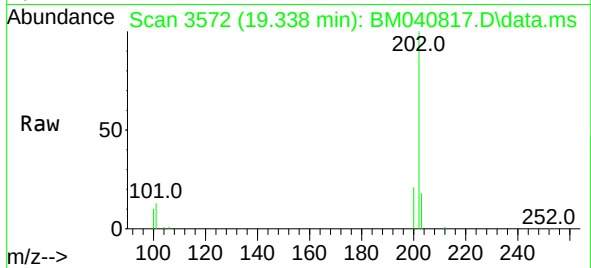
Tgt Ion:178 Resp: 10186
Ion Ratio Lower Upper
178 100
179 19.3 12.9 19.3
176 20.6 15.8 23.6





#19
Fluoranthene
Concen: 2.130 ng/u1
RT: 19.338 min Scan# 3572
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

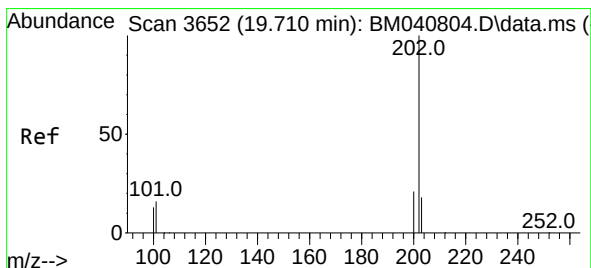
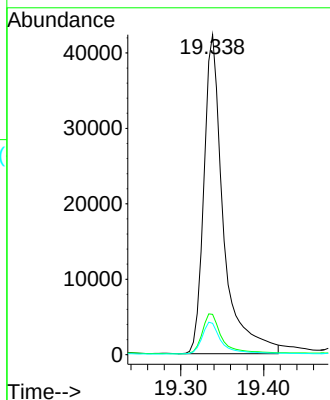
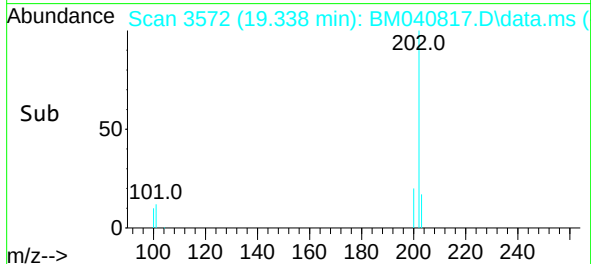
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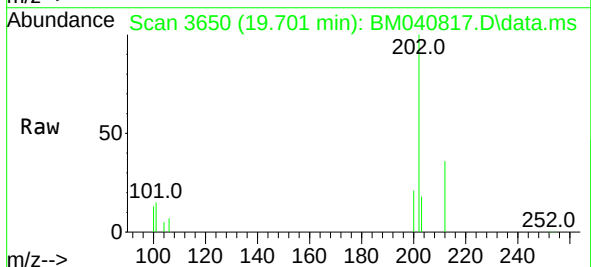
Tgt Ion:202 Resp: 69230
Ion Ratio Lower Upper
202 100
101 12.6 11.4 17.0
100 9.8 8.7 13.1

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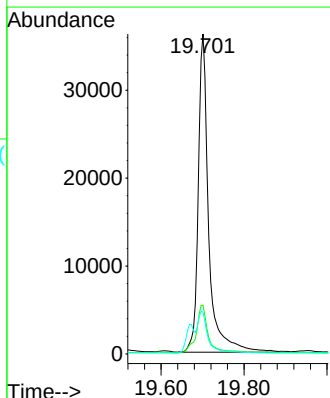
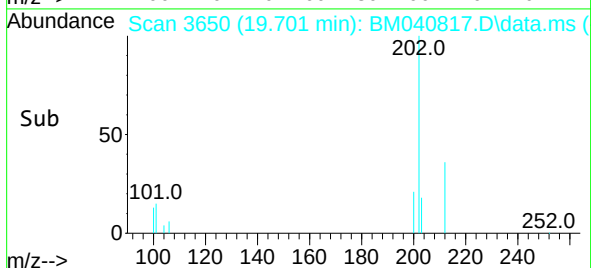
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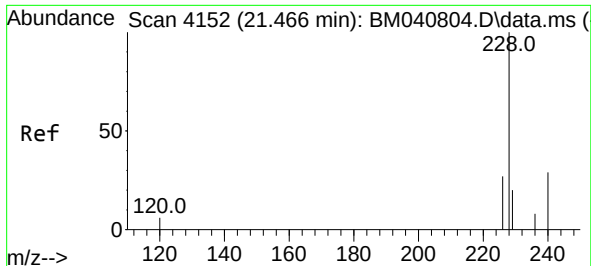


#20
Pyrene
Concen: 1.822 ng/u1
RT: 19.701 min Scan# 3650
Delta R.T. -0.014 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



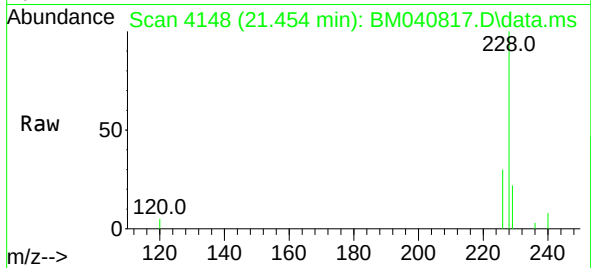
Tgt Ion:202 Resp: 63489
Ion Ratio Lower Upper
202 100
101 15.2 12.6 18.8
100 13.1 9.8 14.6





#21
Benzo(a)anthracene
Concen: 1.034 ng/ul
RT: 21.454 min Scan# 4152
Delta R.T. -0.015 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

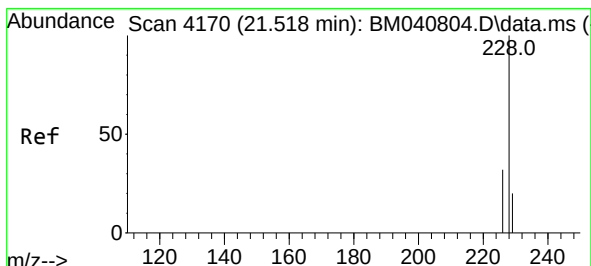
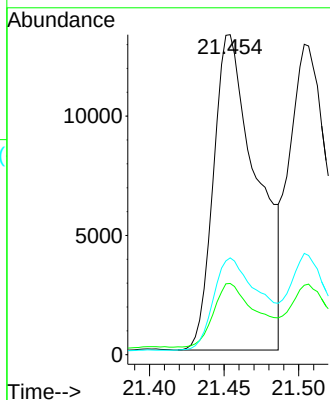
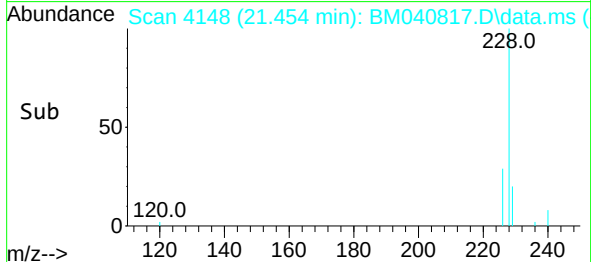
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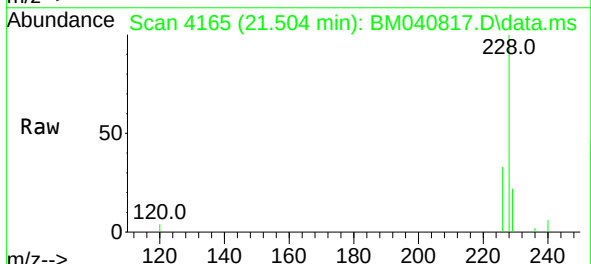
Tgt Ion:228 Resp: 26764
Ion Ratio Lower Upper
228 100
229 22.2 16.0 24.0
226 30.2 22.3 33.5

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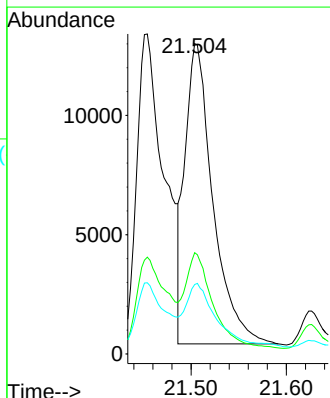
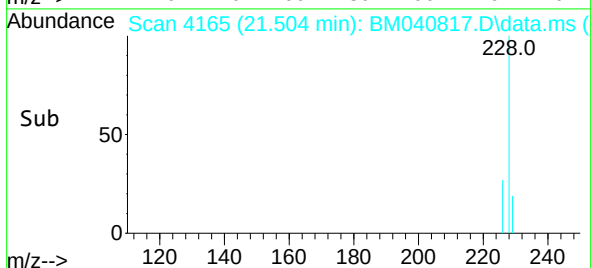
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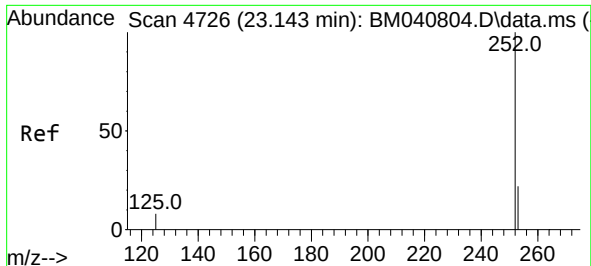


#22
Chrysene
Concen: 0.867 ng/ul
RT: 21.504 min Scan# 4165
Delta R.T. -0.017 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



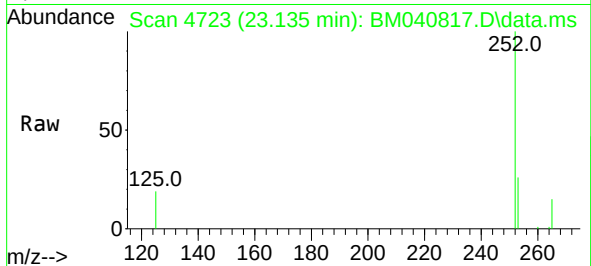
Tgt Ion:228 Resp: 25611
Ion Ratio Lower Upper
228 100
226 32.6 24.9 37.3
229 22.4 15.8 23.6





#24
Benzo(b)fluoranthene
Concen: 1.329 ng/ul
RT: 23.135 min Scan# 4723
Delta R.T. -0.015 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

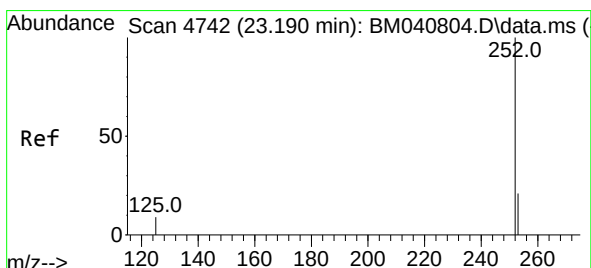
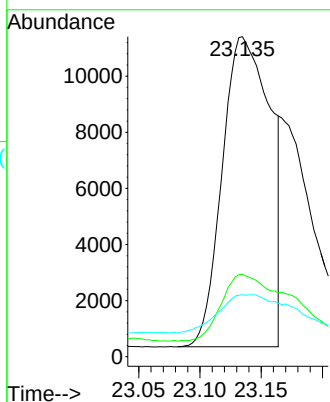
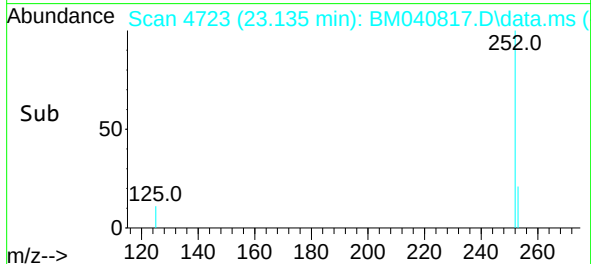
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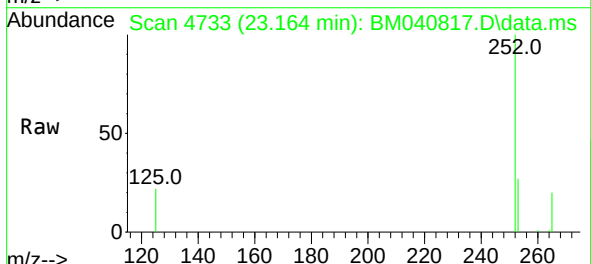
Tgt Ion:252 Resp: 30079
Ion Ratio Lower Upper
252 100
253 25.7 0.0 52.8
125 19.3 0.0 43.0

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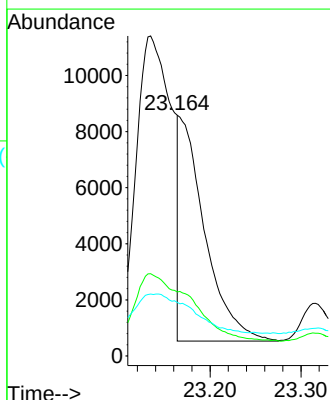
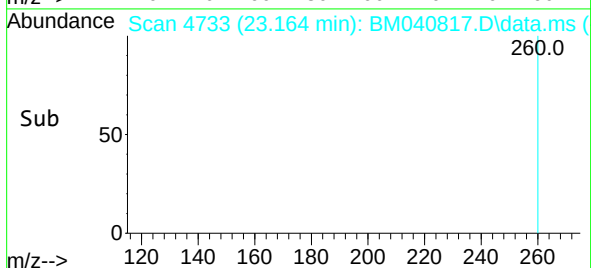
Reviewed By :Yogesh Patel 07/12/2023
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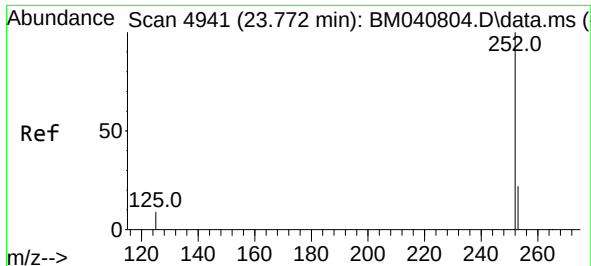


#25
Benzo(k)fluoranthene
Concen: 0.706 ng/ul m
RT: 23.164 min Scan# 4733
Delta R.T. -0.032 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



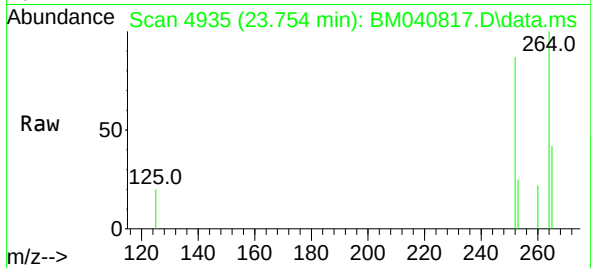
Tgt Ion:252 Resp: 15755
Ion Ratio Lower Upper
252 100
253 26.6 21.2 31.8
125 22.3 16.4 24.6





#26
Benzo(a)pyrene
Concen: 0.927 ng/ul
RT: 23.754 min Scan# 4941
Delta R.T. -0.020 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

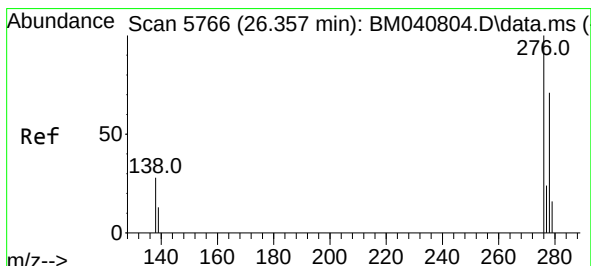
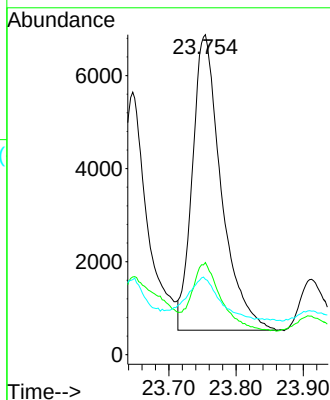
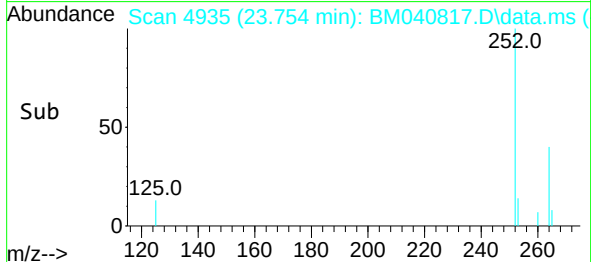
Instrument :
BNA_M
ClientSampleId :
A4637



Tgt Ion:252 Resp: 18904
Ion Ratio Lower Upper
252 100
253 28.8 22.9 34.3
125 23.6 21.0 31.4

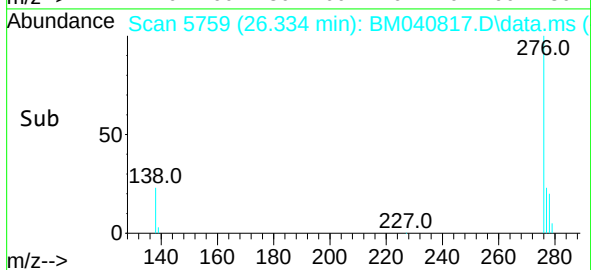
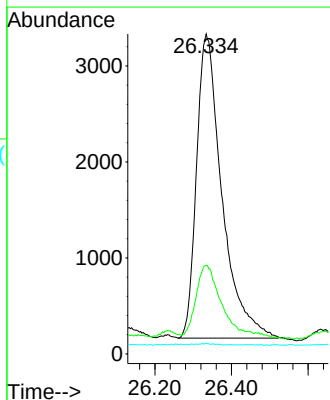
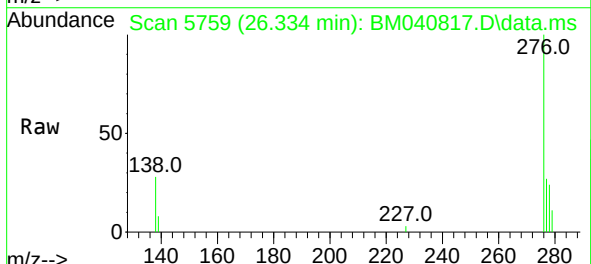
Manual Integrations
APPROVED

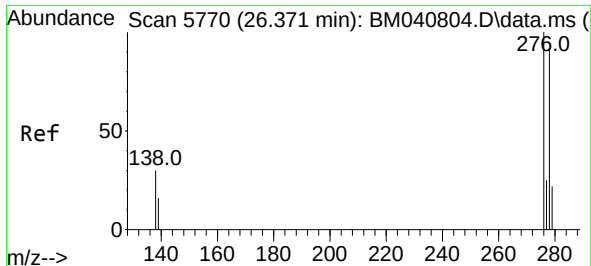
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#27
Indeno(1,2,3-cd)pyrene
Concen: 0.514 ng/ul
RT: 26.334 min Scan# 5759
Delta R.T. -0.027 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

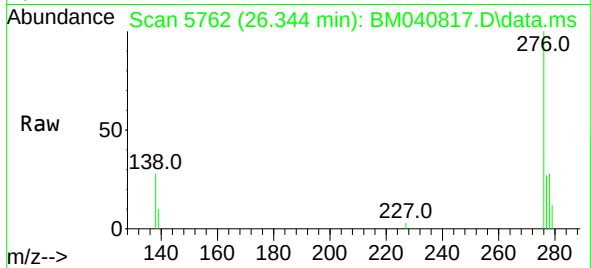
Tgt Ion:276 Resp: 14587
Ion Ratio Lower Upper
276 100
138 24.3 24.5 36.7#
227 0.2 0.1 0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.148 ng/ul
RT: 26.344 min Scan# 51
Delta R.T. -0.030 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01

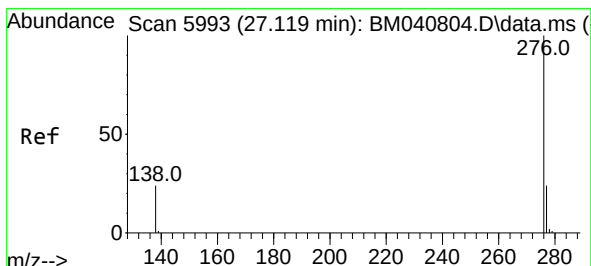
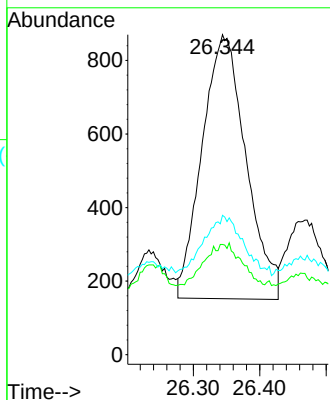
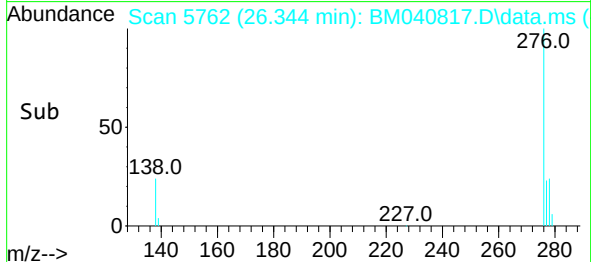
Instrument :
BNA_M
ClientSampleId :
A4637



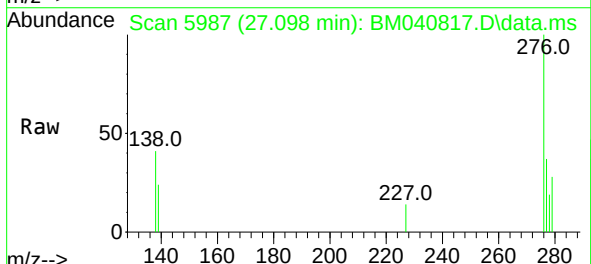
Tgt Ion:278 Resp: 3294
Ion Ratio Lower Upper
278 100
139 34.5 17.9 26.9#
279 43.6 22.0 33.0#

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023



#29
Benzo(g,h,i)perylene
Concen: 0.115 ng/ul
RT: 27.098 min Scan# 5987
Delta R.T. -0.020 min
Lab File: BM040817.D
Acq: 11 Jul 2023 18:01



Tgt Ion:276 Resp: 2865
Ion Ratio Lower Upper
276 100
138 41.4 23.0 34.6#
277 36.6 20.3 30.5#

