

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
 Data File : BM042010.D
 Acq On : 23 Sep 2023 05:49
 Operator : MA/JU
 Sample : 04386-09
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/25/2023
 Supervised By :mohammad ahmed 09/26/2023

Quant Time: Sep 25 01:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 13:50:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	6203	0.400	ng/ul	0.00
4) Naphthalene-d8	10.768	136	15754	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.597	164	6846	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.350	188	14101	0.400	ng/ul	0.00
17) Chrysene-d12	21.521	240	6117	0.400	ng/ul	0.00
23) Perylene-d12	23.930	264	6122	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.368	96	48563	5.745	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.346	152	7195	0.365	ng/ul	0.00
18) Fluoranthene-d10	19.371	212	9473	0.376	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.818	128	1943	0.037	ng/ul#	83
7) 2-Methylnaphthalene	12.423	142	1664	0.053	ng/ul	100
8) 1-Methylnaphthalene	12.643	142	1381	0.043	ng/ul	99
10) Acenaphthylene	14.324	152	950	0.021	ng/ul#	66
15) Phenanthrene	17.392	178	10237	0.157	ng/ul	97
19) Fluoranthene	19.399	202	23471	0.339	ng/ul	95
20) Pyrene	19.771	202	16751m	0.246	ng/ul	
21) Benzo(a)anthracene	21.501	228	6871	0.148	ng/ul	95
22) Chrysene	21.556	228	8695	0.181	ng/ul#	96
24) Benzo(b)fluoranthene	23.187	252	12376	0.263	ng/ul#	8
25) Benzo(k)fluoranthene	23.231	252	4469m	0.098	ng/ul	
26) Benzo(a)pyrene	23.822	252	6402	0.165	ng/ul#	69
27) Indeno(1,2,3-cd)pyrene	26.421	276	6821	0.128	ng/ul#	35
29) Benzo(g,h,i)perylene	27.202	276	6469	0.145	ng/ul#	54

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

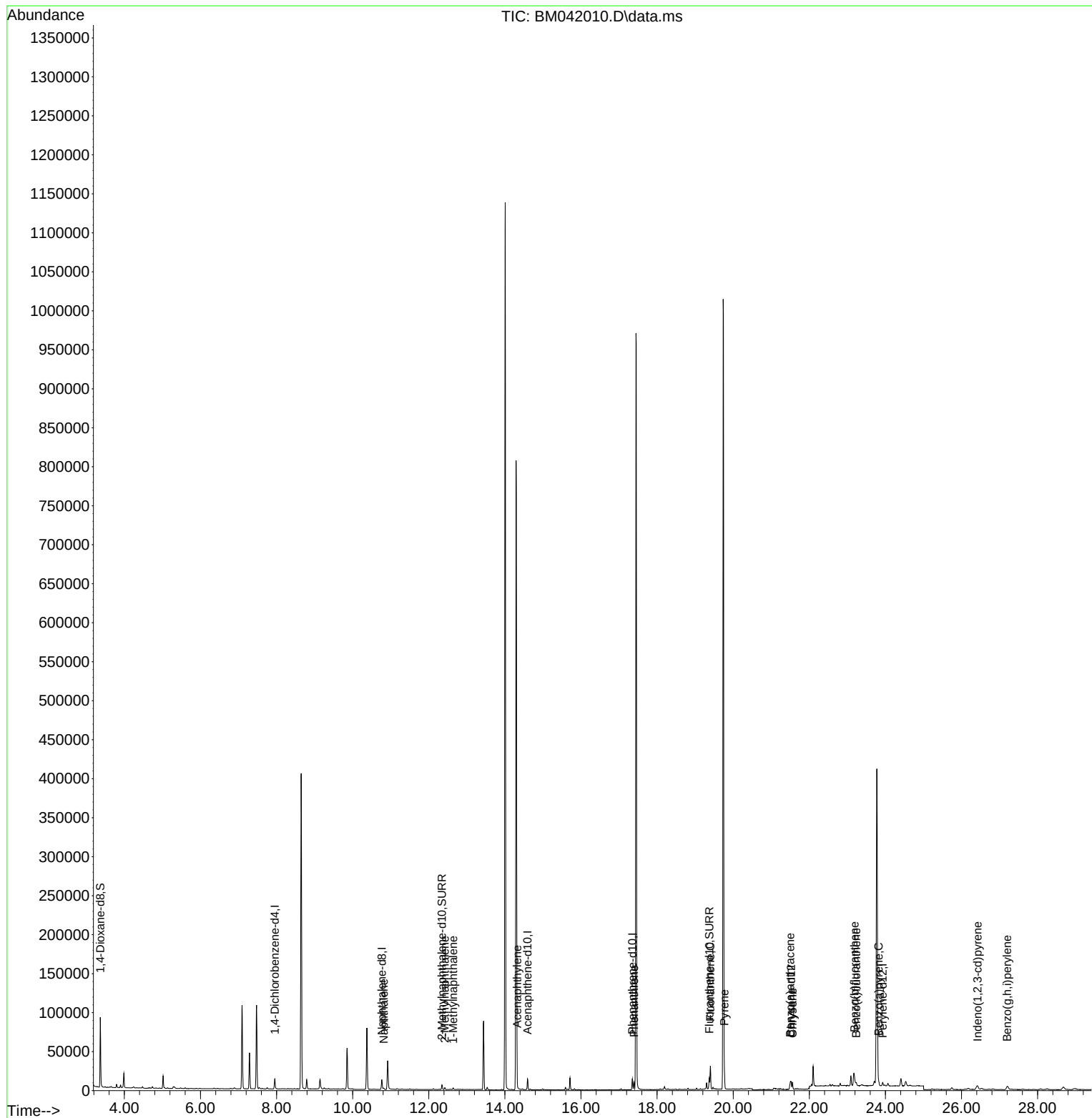
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092223\
Data File : BM042010.D
Acq On : 23 Sep 2023 05:49
Operator : MA/JU
Sample : 04386-09
Misc :
ALS Vial : 27 Sample Multiplier: 1

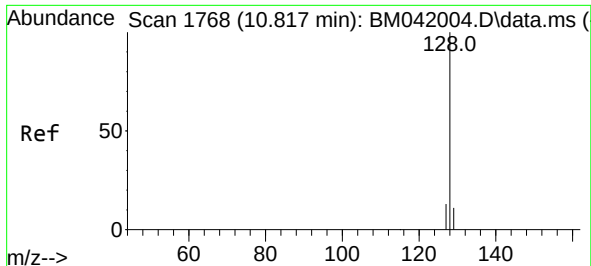
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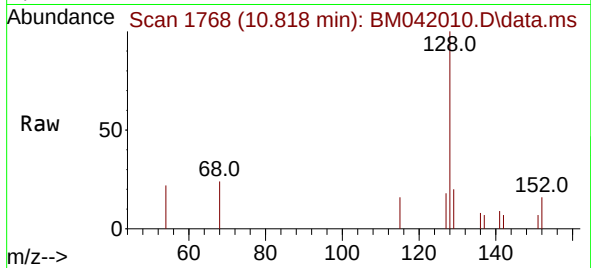
Quant Time: Sep 25 01:03:30 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM092223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.818 min Scan# 1768
Delta R.T. 0.000 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

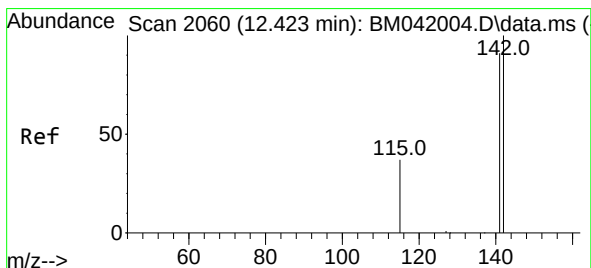
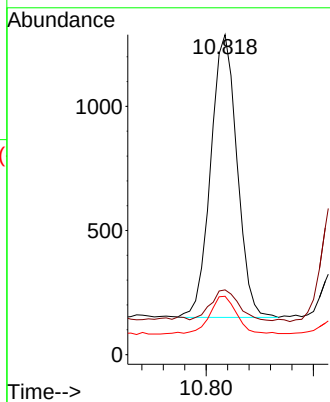
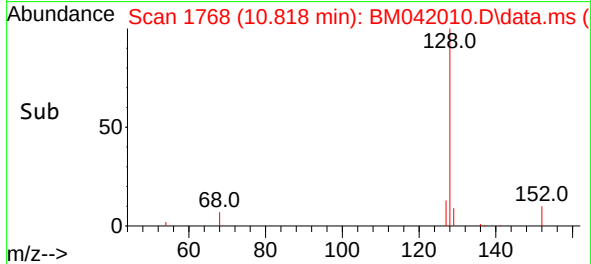
Instrument :
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ClientSampleId :
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Tgt Ion:128 Resp: 194
Ion Ratio Lower Upper
128 100
129 20.2 9.2 13.8
127 18.2 10.8 16.2

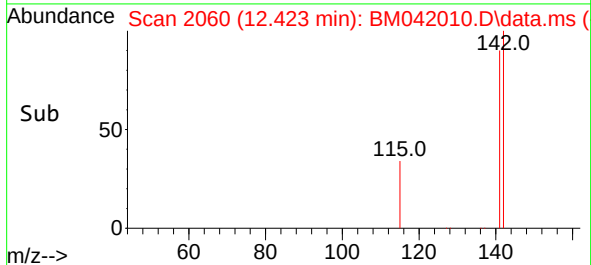
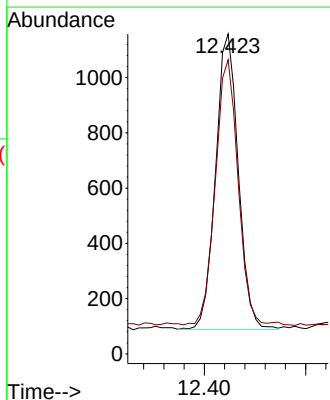
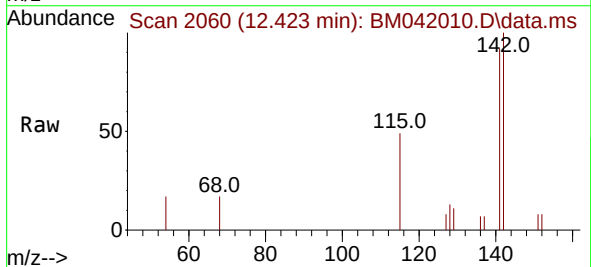
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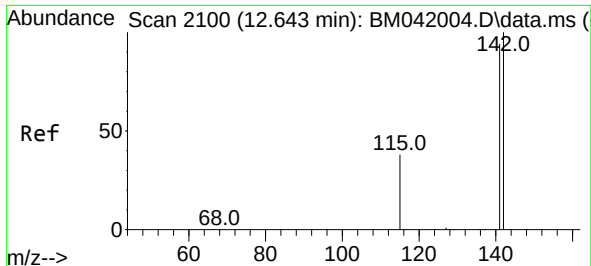
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023



#7
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.423 min Scan# 2060
Delta R.T. 0.000 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

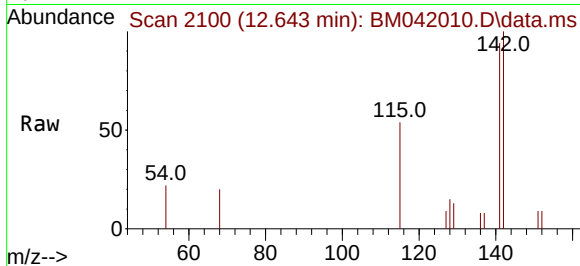
Tgt Ion:142 Resp: 1664
Ion Ratio Lower Upper
142 100
141 90.3 72.1 108.1





#8
1-Methylnaphthalene
Concen: 0.043 ng/ul
RT: 12.643 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

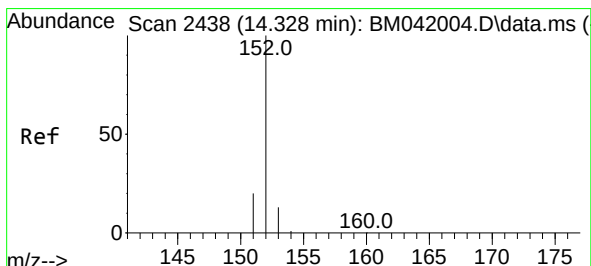
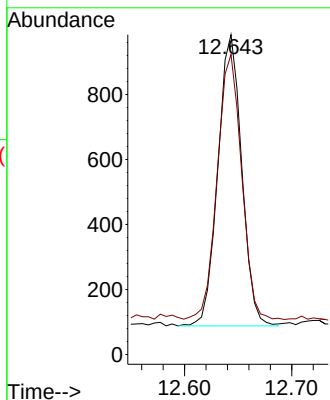
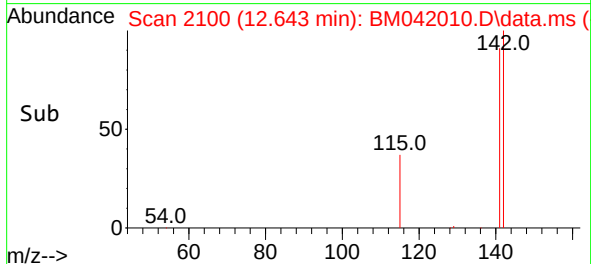
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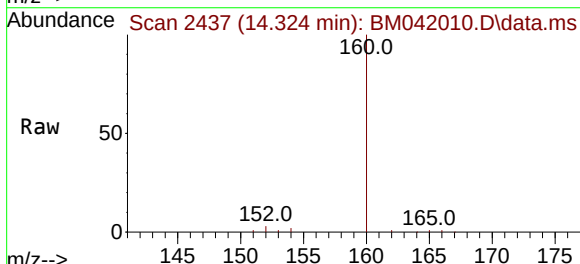
Tgt Ion:142 Resp: 138
Ion Ratio Lower Upper
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141 92.5 75.1 112.7

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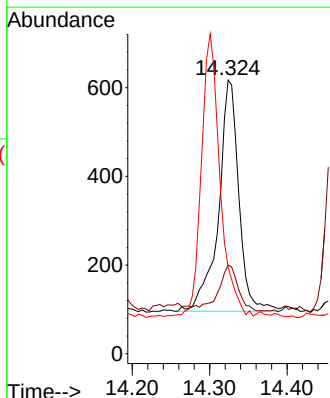
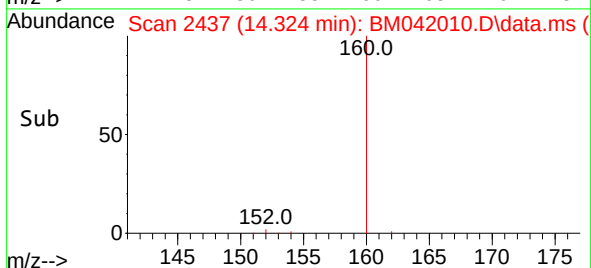
Reviewed By :Yogesh Patel 09/25/2023
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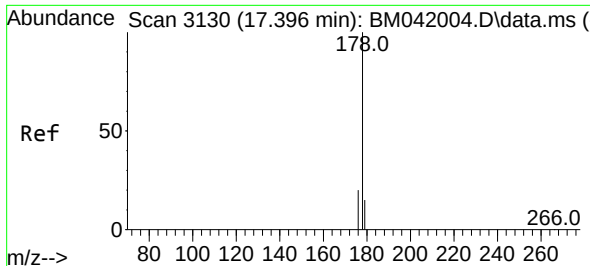


#10
Acenaphthylene
Concen: 0.021 ng/ul
RT: 14.324 min Scan# 2437
Delta R.T. -0.005 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49



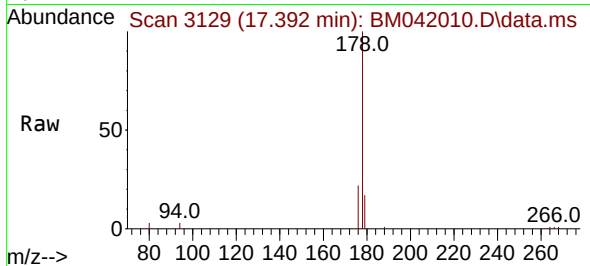
Tgt Ion:152 Resp: 950
Ion Ratio Lower Upper
152 100
151 32.4 16.2 24.4#
153 31.8 10.8 16.2#





#15
Phenanthrene
Concen: 0.157 ng/ul
RT: 17.392 min Scan# 3130
Delta R.T. -0.004 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

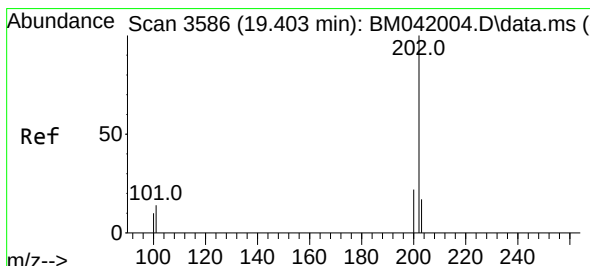
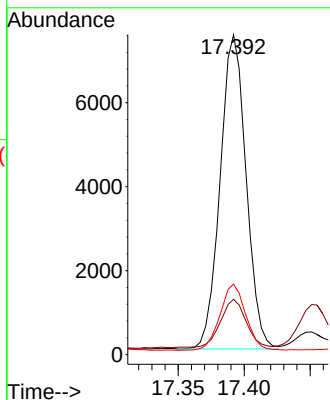
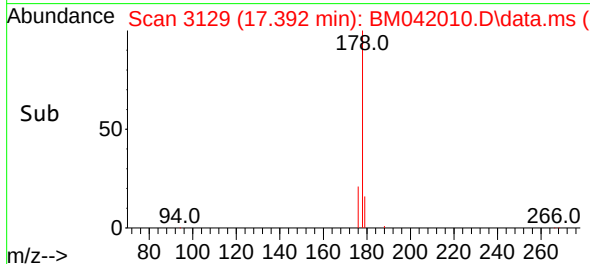
Instrument :
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ClientSampleId :
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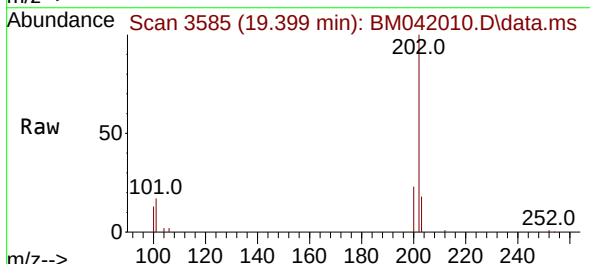
Tgt Ion:178 Resp: 1023
Ion Ratio Lower Upper
178 100
179 17.3 12.7 19.1
176 22.0 16.6 24.8

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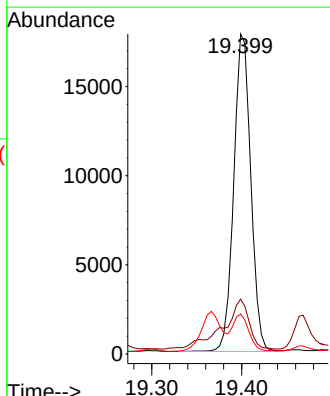
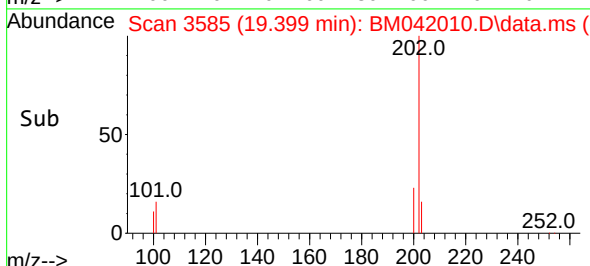
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

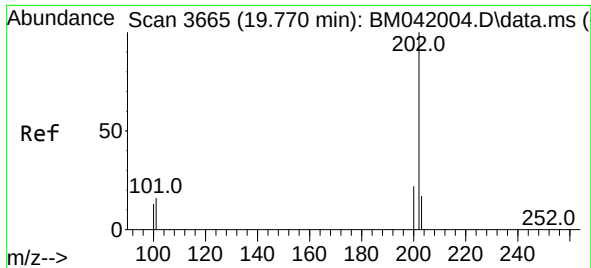


#19
Fluoranthene
Concen: 0.339 ng/ul
RT: 19.399 min Scan# 3585
Delta R.T. -0.005 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49



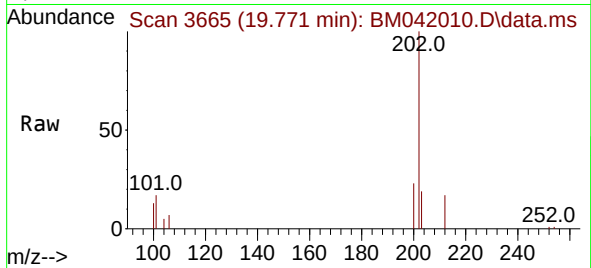
Tgt Ion:202 Resp: 23471
Ion Ratio Lower Upper
202 100
101 17.1 11.8 17.6
100 12.5 9.1 13.7





#20
Pyrene
Concen: 0.246 ng/ul m
RT: 19.771 min Scan# 3665
Delta R.T. 0.000 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

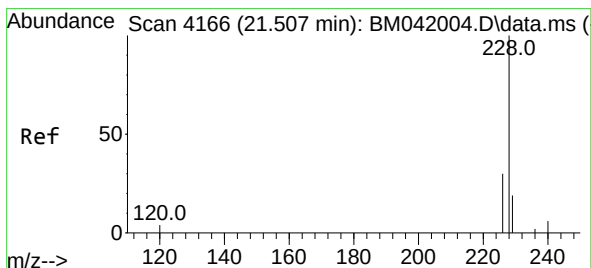
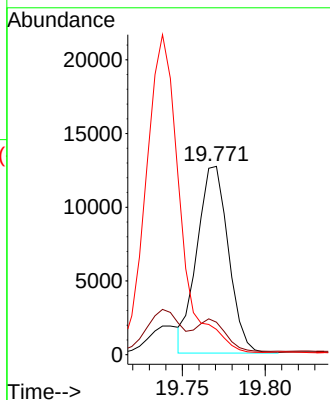
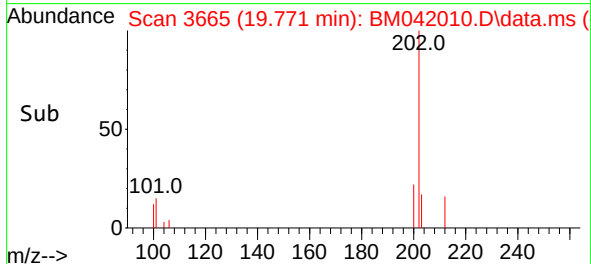
Instrument :
BNA_M
ClientSampleId :
C0AC9



Tgt Ion:202 Resp: 1675
Ion Ratio Lower Upper
202 100
101 17.2 14.1 21.1
100 13.4 11.4 17.0

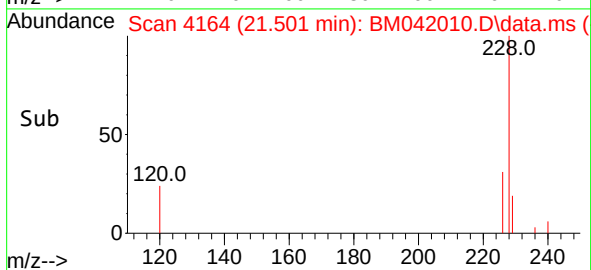
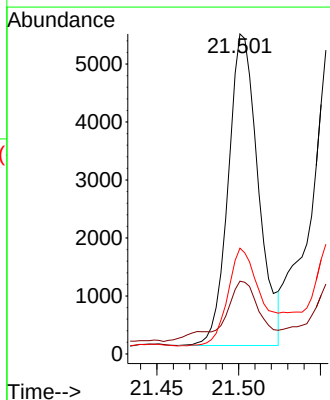
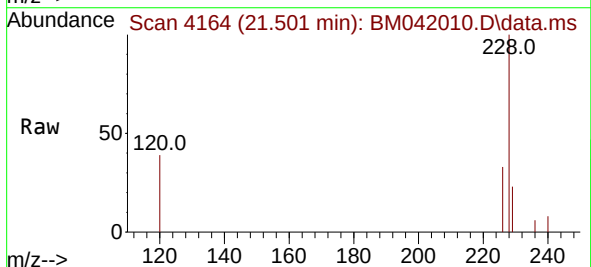
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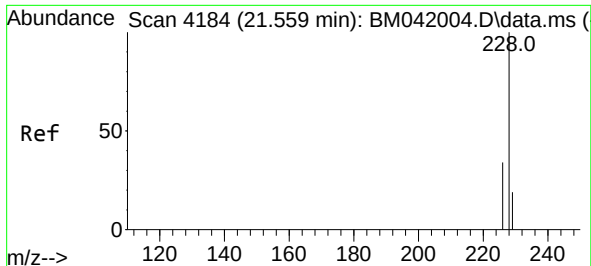
Reviewed By :Yogesh Patel 09/25/2023
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#21
Benzo(a)anthracene
Concen: 0.148 ng/ul
RT: 21.501 min Scan# 4164
Delta R.T. -0.006 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

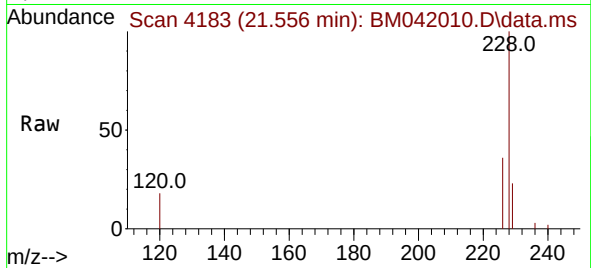
Tgt Ion:228 Resp: 6871
Ion Ratio Lower Upper
228 100
229 22.8 15.5 23.3
226 33.1 24.8 37.2





#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.556 min Scan# 4183
Delta R.T. -0.006 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

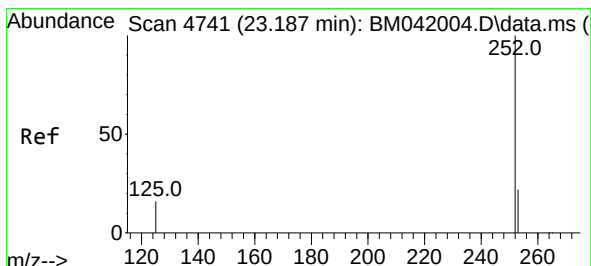
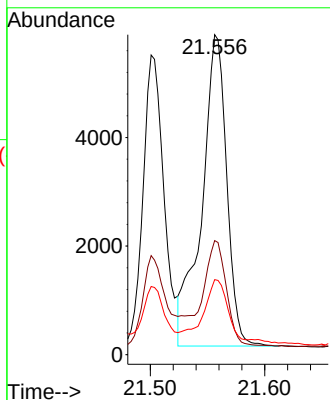
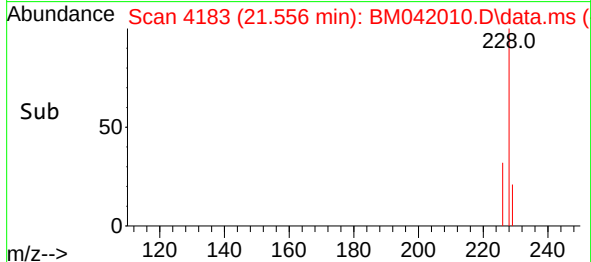
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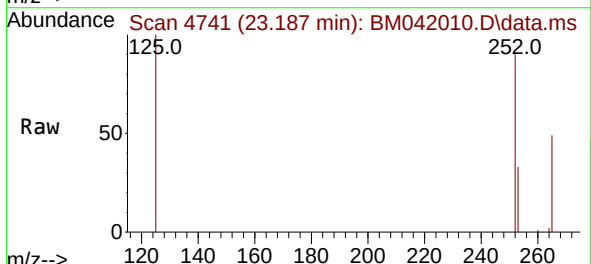
Tgt Ion:228 Resp: 869
Ion Ratio Lower Upper
228 100
226 35.7 27.8 41.6
229 23.5 15.6 23.4

Manual Integrations
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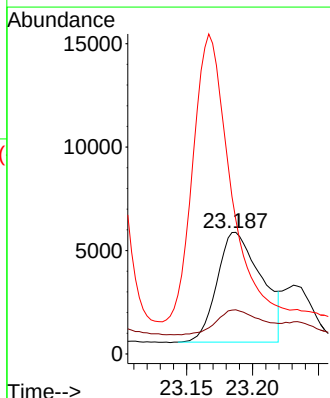
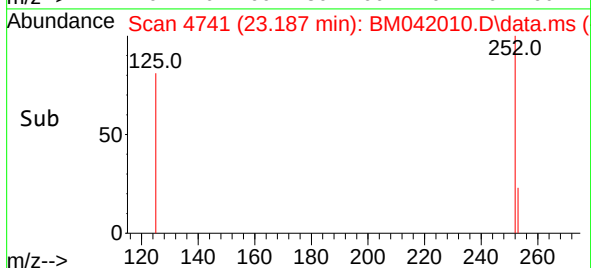
Reviewed By :Yogesh Patel 09/25/2023
Supervised By :mohammad ahmed 09/26/2023

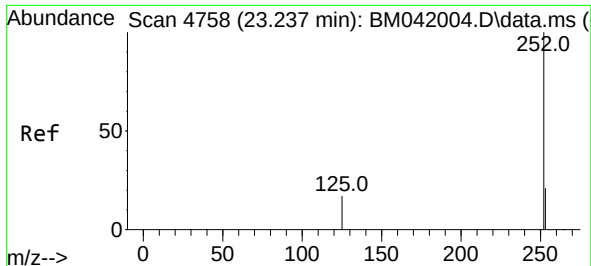


#24
Benzo(b)fluoranthene
Concen: 0.263 ng/ul
RT: 23.187 min Scan# 4741
Delta R.T. -0.003 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49



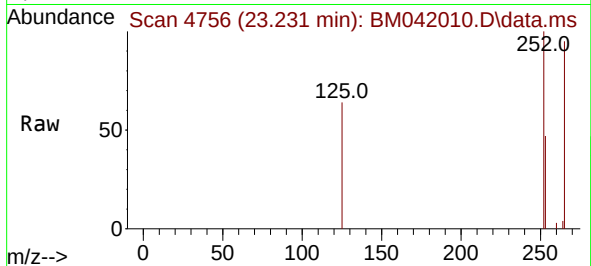
Tgt Ion:252 Resp: 12376
Ion Ratio Lower Upper
252 100
253 36.4 0.0 54.4
125 110.6 0.0 46.2





#25
Benzo(k)fluoranthene
Concen: 0.098 ng/ul m
RT: 23.231 min Scan# 4756
Delta R.T. -0.009 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

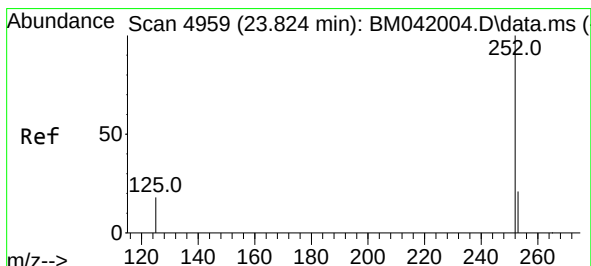
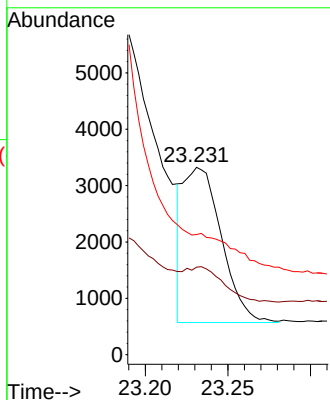
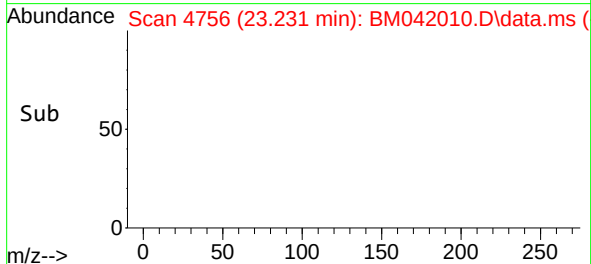
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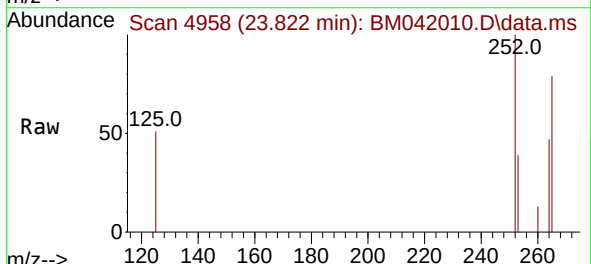
Tgt Ion:252 Resp: 4469
Ion Ratio Lower Upper
252 100
253 46.7 21.0 31.6
125 64.2 19.0 28.6

Manual Integrations
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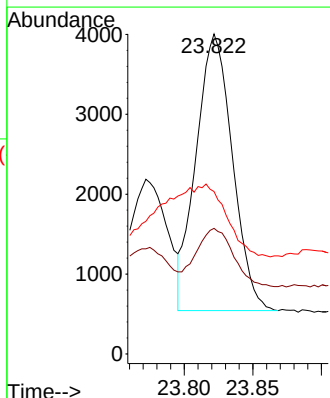
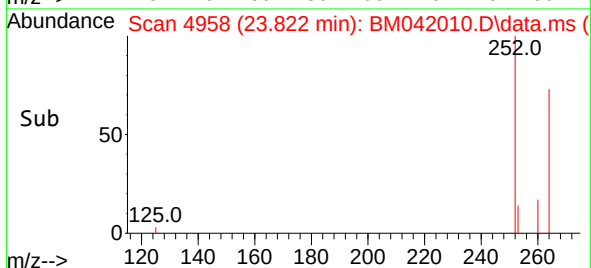
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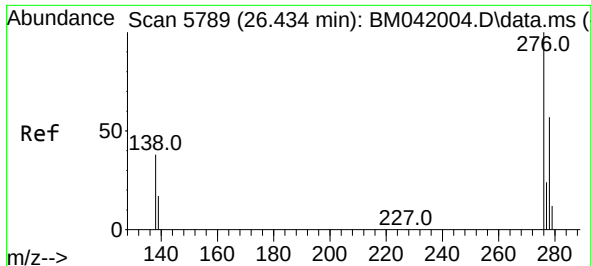


#26
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.822 min Scan# 4958
Delta R.T. -0.006 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49



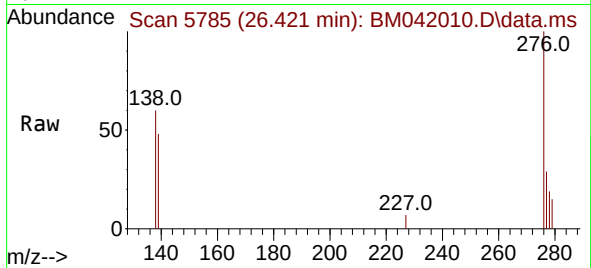
Tgt Ion:252 Resp: 6402
Ion Ratio Lower Upper
252 100
253 39.2 23.2 34.8#
125 50.8 22.5 33.7#





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.128 ng/ul
RT: 26.421 min Scan# 5789
Delta R.T. -0.010 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49

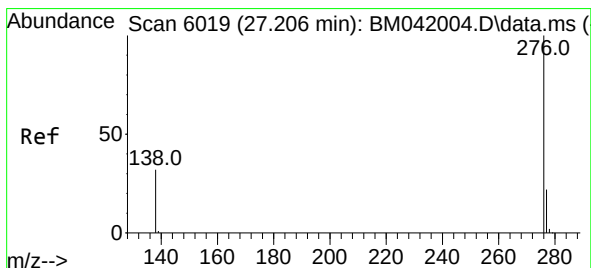
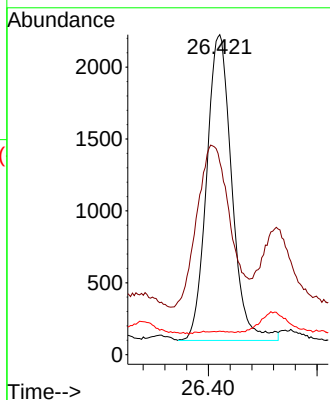
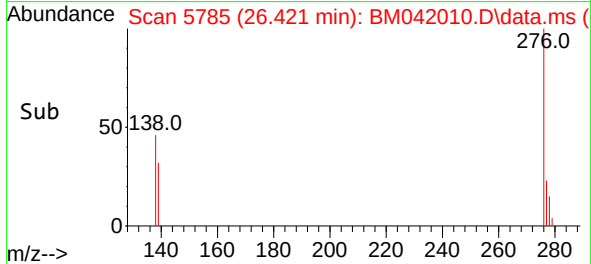
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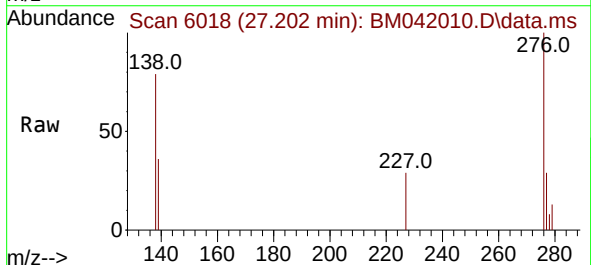
Tgt Ion: 276 Resp: 682
Ion Ratio Lower Upper
276 100
138 0.0 32.1 48.1
227 0.0 0.2 0.2

Manual Integrations
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Supervised By : mohammad ahmed 09/26/2023



#29
Benzo(g,h,i)perylene
Concen: 0.145 ng/ul
RT: 27.202 min Scan# 6018
Delta R.T. -0.007 min
Lab File: BM042010.D
Acq: 23 Sep 2023 05:49



Tgt Ion: 276 Resp: 6469
Ion Ratio Lower Upper
276 100
138 78.6 29.0 43.4
277 28.8 19.6 29.4

