

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
 Data File : BM044952.D
 Acq On : 05 Apr 2024 16:44
 Operator : MA/JU
 Sample : P1992-01DL 5X
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AJ9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/05/2024
 Supervised By :mohammad ahmed 04/06/2024

Quant Time: Apr 05 18:04:41 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 03 23:34:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.643	152	1864	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.418	136	5664	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.289	164	3457	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.048	188	7752	0.400	ng/ul	-0.02
17) Chrysene-d12	21.256	240	6982	0.400	ng/ul	-0.02
23) Perylene-d12	23.483	264	8623	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.217	96	2202	0.899	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.019	152	553	0.072	ng/ul	-0.03
18) Fluoranthene-d10	19.085	212	1809	0.103	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.468	128	29476	1.961	ng/ul	95
7) 2-Methylnaphthalene	12.096	142	920	0.103	ng/ul	95
8) 1-Methylnaphthalene	12.310	142	3850	0.393	ng/ul	99
10) Acenaphthylene	14.007	152	4076	0.236	ng/ul#	86
11) Acenaphthene	14.349	153	338536	27.420	ng/ul	98
12) Fluorene	15.348	166	113066	8.169	ng/ul	98
14) Pentachlorophenol	16.702	266	88	0.048	ng/ul	97
15) Phenanthrene	17.086	178	4981m	0.228	ng/ul	
16) Anthracene	17.179	178	17813	0.829	ng/ul	99
19) Fluoranthene	19.118	202	65065	2.608	ng/ul	97
20) Pyrene	19.480	202	35578	1.350	ng/ul	100
21) Benzo(a)anthracene	21.242	228	1449	0.060	ng/ul#	86

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

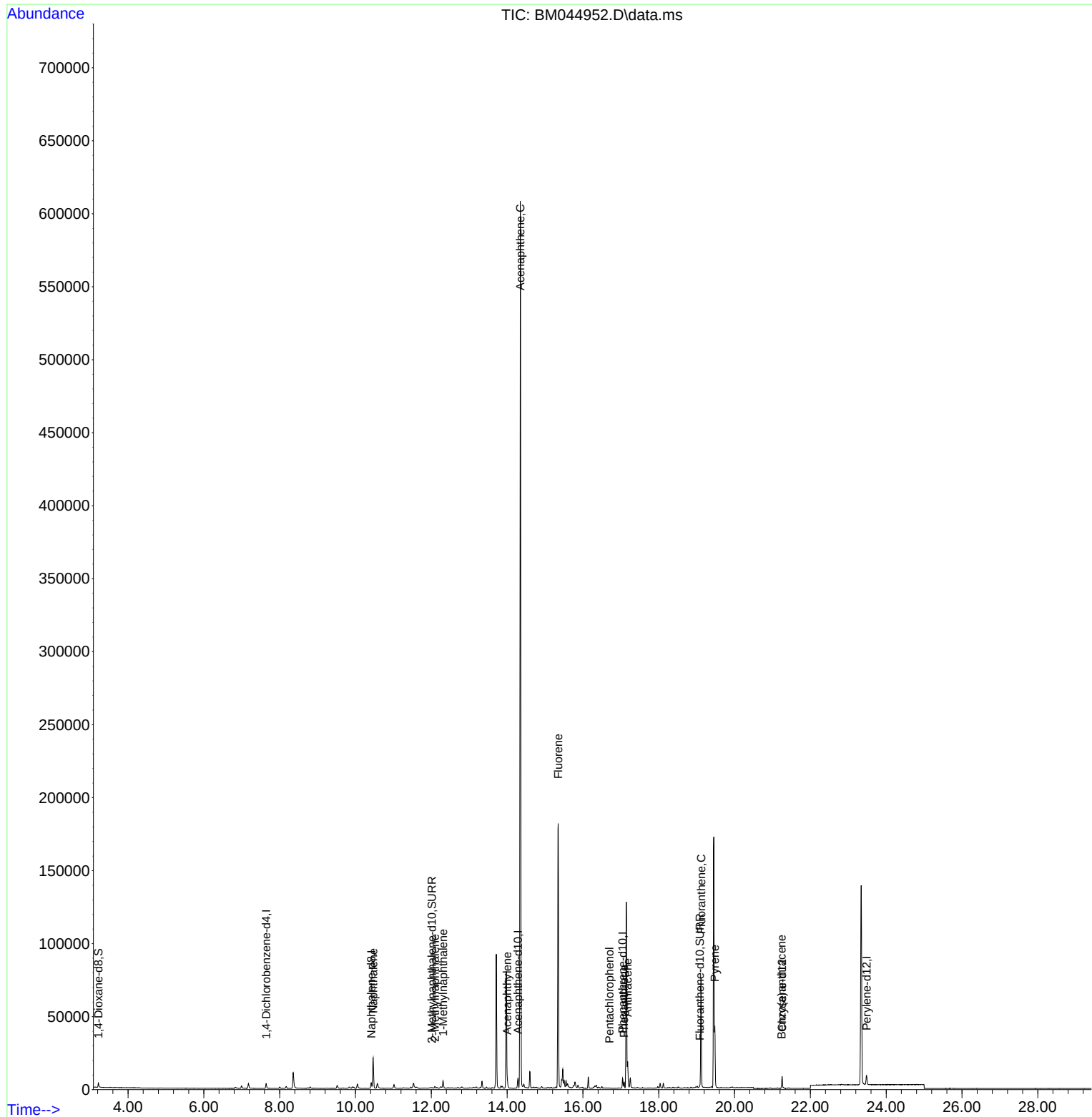
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040424\
Data File : BM044952.D
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Misc :
ALS Vial : 51 Sample Multiplier: 1

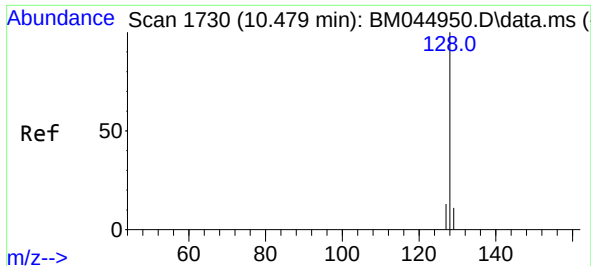
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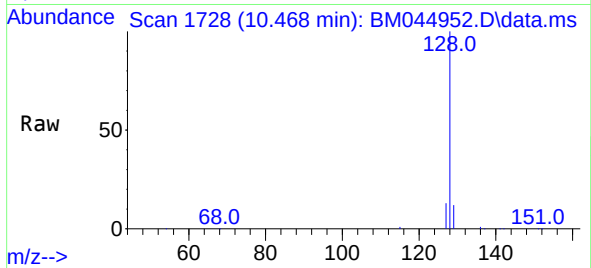
Quant Time: Apr 05 18:04:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM040424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 23:34:03 2024
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#5
Naphthalene
Concen: 1.961 ng/ul
RT: 10.468 min Scan# 11
Delta R.T. -0.028 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

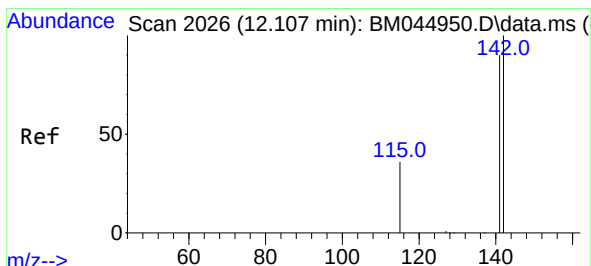
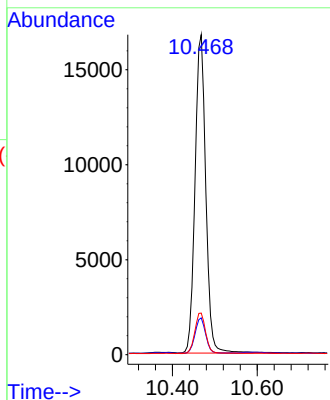
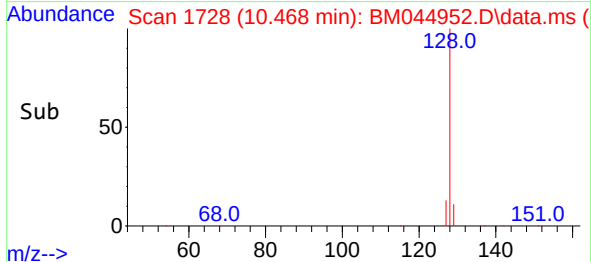
Instrument :
BNA_M
ClientSampleId :
C0AJ9DL



Tgt Ion:128 Resp: 29470
Ion Ratio Lower Upper
128 100
129 11.5 11.3 16.9
127 13.0 11.9 17.9

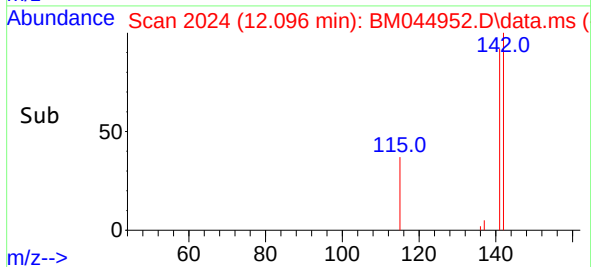
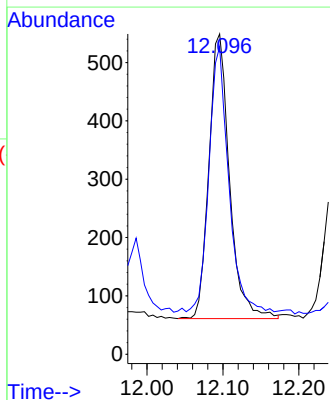
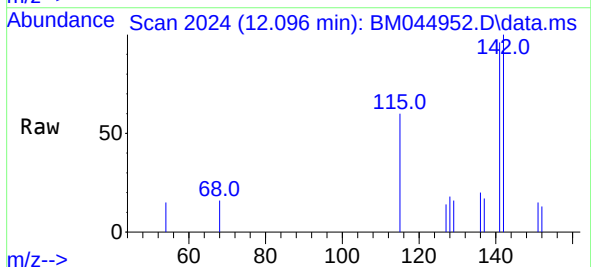
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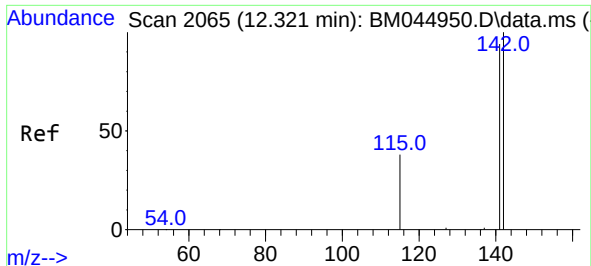
Reviewed By :Yogesh Patel 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



#7
2-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.096 min Scan# 2024
Delta R.T. -0.033 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

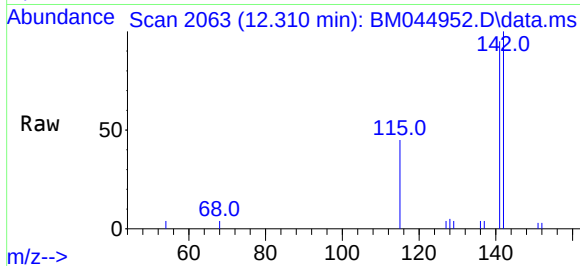
Tgt Ion:142 Resp: 920
Ion Ratio Lower Upper
142 100
141 87.5 73.8 110.8





#8
1-Methylnaphthalene
Concen: 0.393 ng/ul
RT: 12.310 min Scan# 2063
Delta R.T. -0.028 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

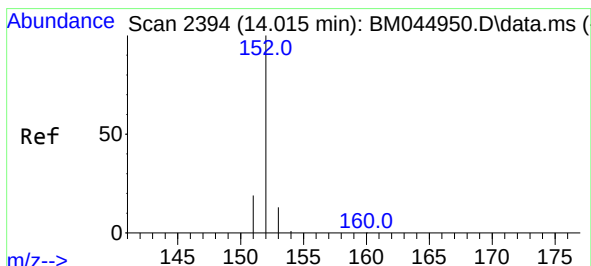
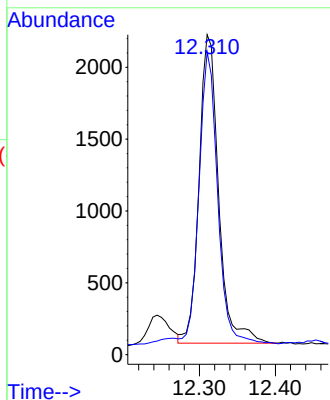
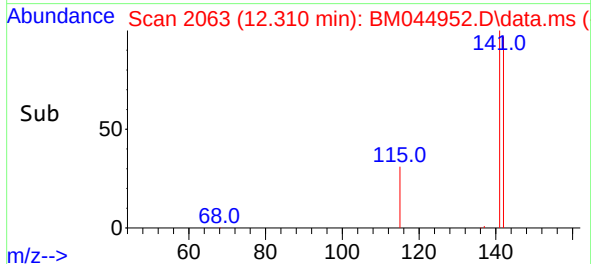
Instrument :
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ClientSampleId :
C0AJ9DL



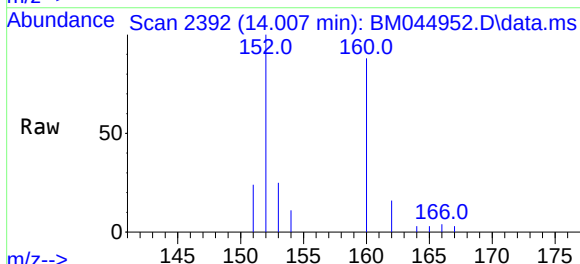
Tgt Ion:142 Resp: 3850
Ion Ratio Lower Upper
142 100
141 91.9 74.2 111.2

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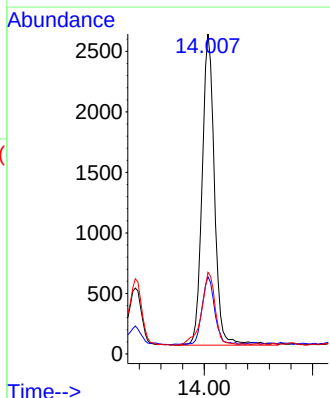
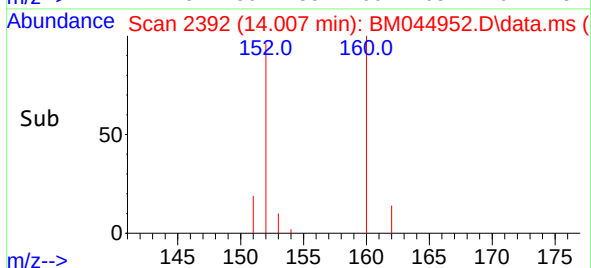
Reviewed By :Yogesh Patel 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

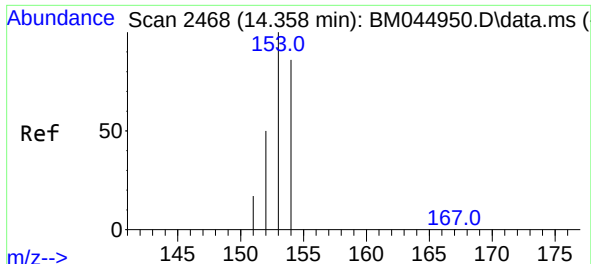


#10
Acenaphthylene
Concen: 0.236 ng/ul
RT: 14.007 min Scan# 2392
Delta R.T. -0.022 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44



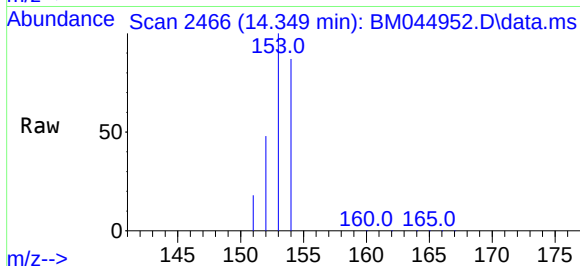
Tgt Ion:152 Resp: 4076
Ion Ratio Lower Upper
152 100
151 24.1 17.0 25.4
153 25.5 11.9 17.9#





#11
Acenaphthene
Concen: 27.420 ng/u1
RT: 14.349 min Scan# 2468
Delta R.T. -0.018 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

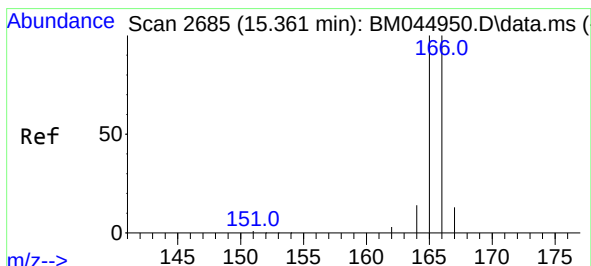
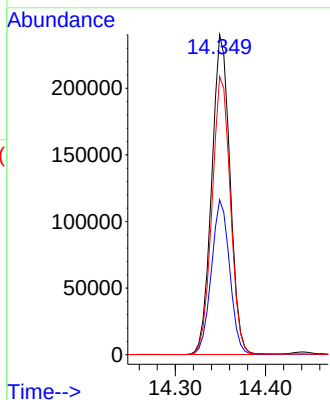
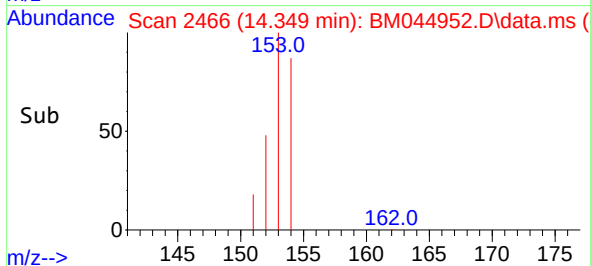
Instrument :
BNA_M
ClientSampleId :
C0AJ9DL



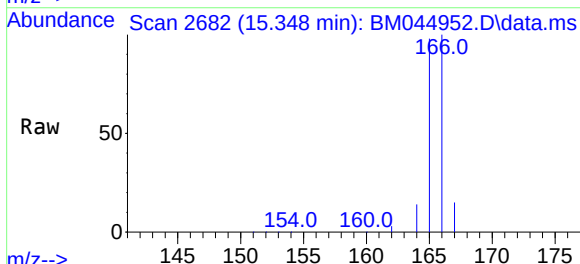
Tgt Ion:153 Resp: 338530
Ion Ratio Lower Upper
153 100
152 48.4 41.2 61.8
154 86.9 69.4 104.0

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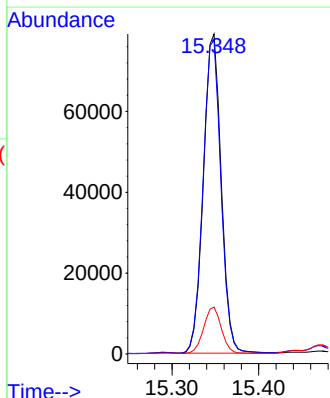
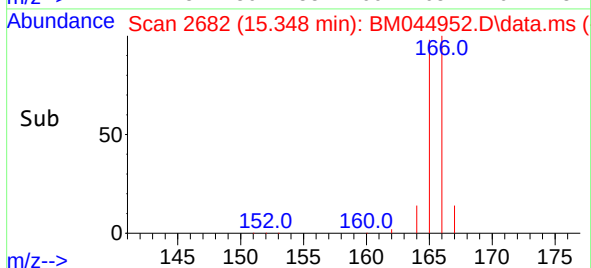
Reviewed By :Yogesh Patel 04/05/2024
Supervised By :mohammad ahmed 04/06/2024

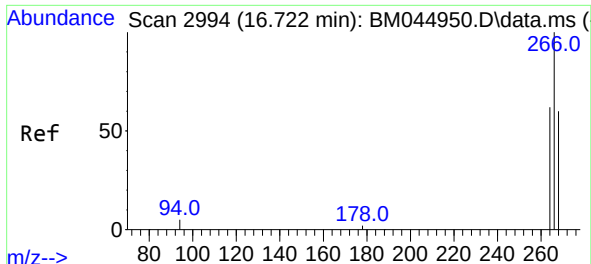


#12
Fluorene
Concen: 8.169 ng/u1
RT: 15.348 min Scan# 2682
Delta R.T. -0.027 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44



Tgt Ion:166 Resp: 113066
Ion Ratio Lower Upper
166 100
165 97.9 79.9 119.9
167 14.6 12.2 18.2





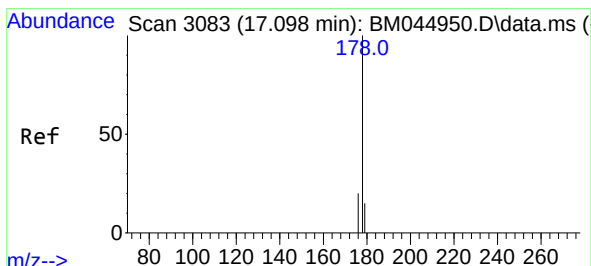
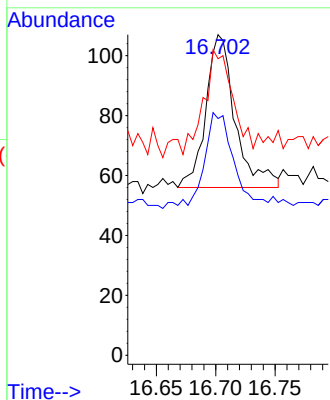
#14
Pentachlorophenol
Concen: 0.048 ng/ul
RT: 16.702 min Scan# 2989
Delta R.T. -0.033 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

Instrument :
BNA_M
ClientSampleId :
C0AJ9DL

Tgt Ion:266 Resp: 88
Ion Ratio Lower Upper
266 100
264 56.8 48.3 72.5
268 67.0 52.6 79.0

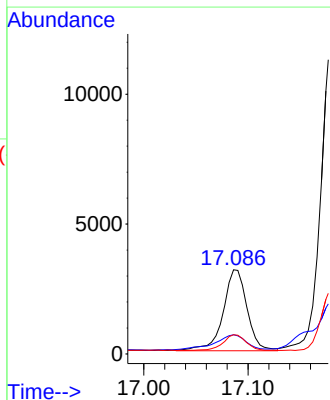
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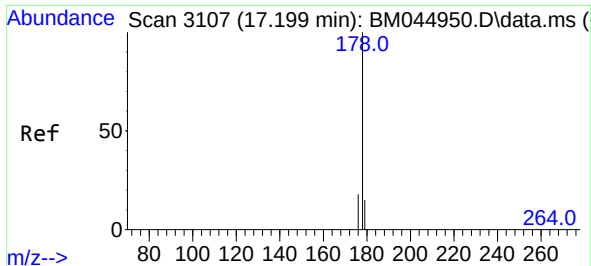
Reviewed By :Yogesh Patel 04/05/2024
Supervised By :mohammad ahmed 04/06/2024



#15
Phenanthrene
Concen: 0.228 ng/ul m
RT: 17.086 min Scan# 3080
Delta R.T. -0.025 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

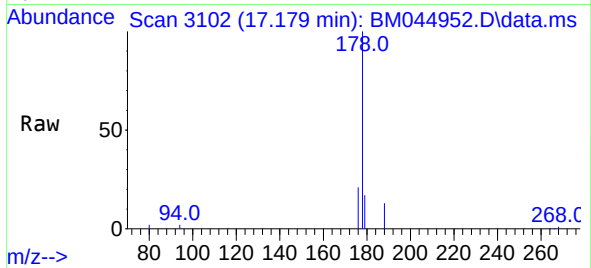
Tgt Ion:178 Resp: 4981
Ion Ratio Lower Upper
178 100
179 22.8 13.7 20.5#
176 22.7 17.0 25.4





#16
 Anthracene
 Concen: 0.829 ng/u1
 RT: 17.179 min Scan# 3107
 Delta R.T. -0.033 min
 Lab File: BM044952.D
 Acq: 05 Apr 2024 16:44

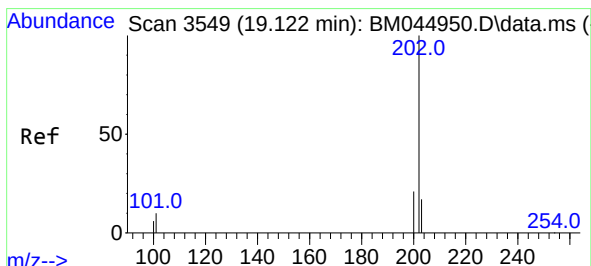
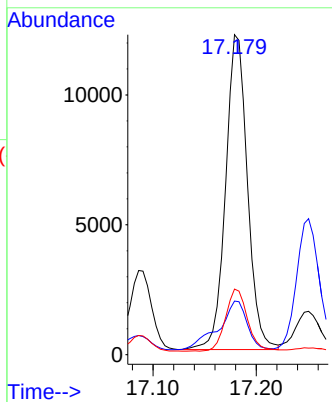
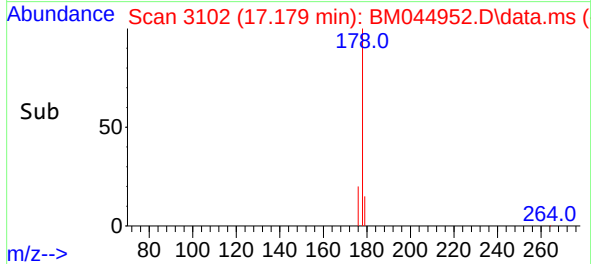
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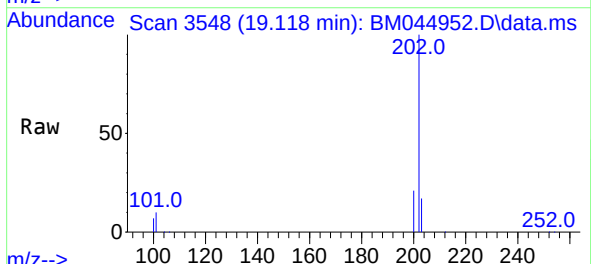
Tgt Ion:178 Resp: 1781
 Ion Ratio Lower Upper
 178 100
 179 16.7 13.8 20.8
 176 20.5 16.2 24.4

Manual Integrations
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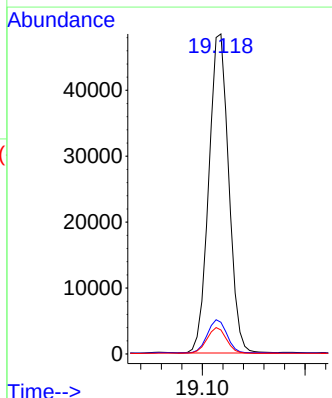
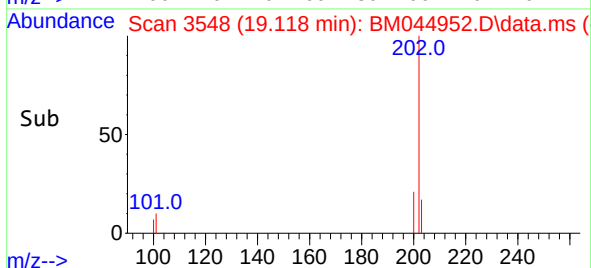
Reviewed By :Yogesh Patel 04/05/2024
 Supervised By :mohammad ahmed 04/06/2024

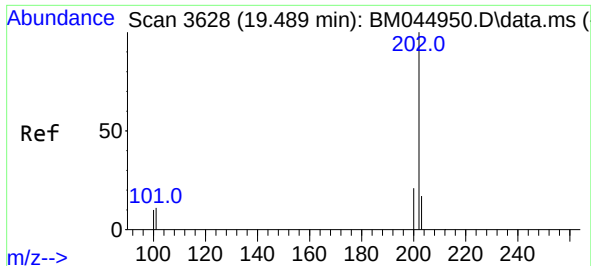


#19
 Fluoranthene
 Concen: 2.608 ng/u1
 RT: 19.118 min Scan# 3548
 Delta R.T. -0.018 min
 Lab File: BM044952.D
 Acq: 05 Apr 2024 16:44



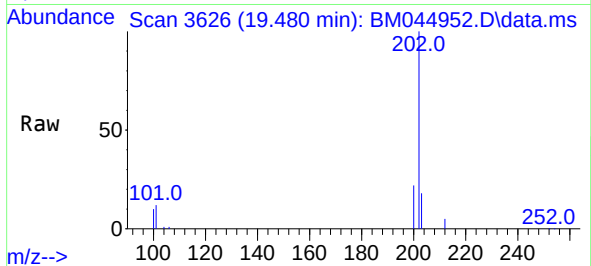
Tgt Ion:202 Resp: 65065
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.8 13.2
 100 7.5 7.0 10.4





#20
Pyrene
Concen: 1.350 ng/ul
RT: 19.480 min Scan# 30
Delta R.T. -0.022 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44

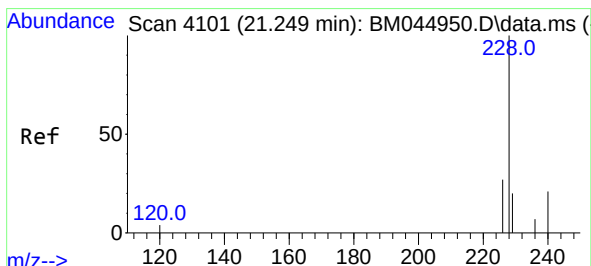
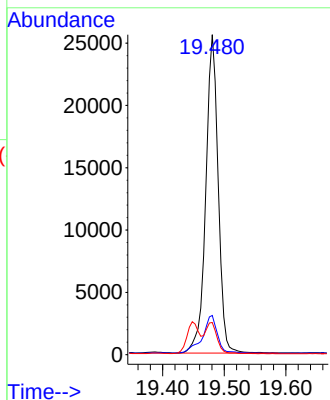
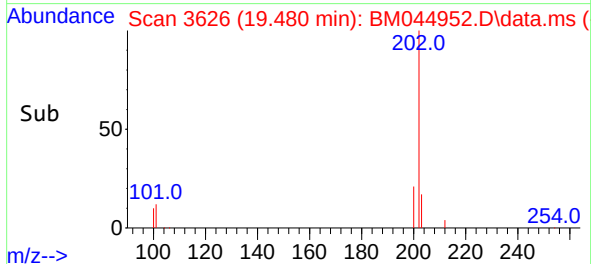
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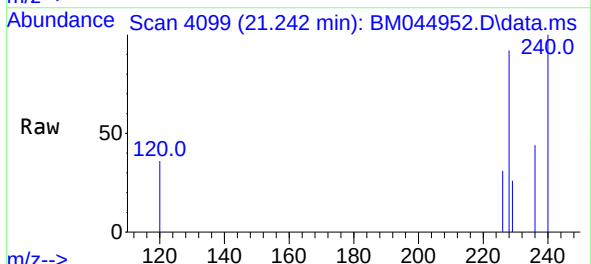
Tgt Ion:202 Resp: 35578
Ion Ratio Lower Upper
202 100
101 12.2 9.8 14.6
100 10.1 8.1 12.1

Manual Integrations
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Supervised By :mohammad ahmed 04/06/2024



#21
Benzo(a)anthracene
Concen: 0.060 ng/ul
RT: 21.242 min Scan# 4099
Delta R.T. -0.018 min
Lab File: BM044952.D
Acq: 05 Apr 2024 16:44



Tgt Ion:228 Resp: 1449
Ion Ratio Lower Upper
228 100
229 28.2 16.4 24.6#
226 33.9 22.3 33.5#

