

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
 Data File : BM043054.D
 Acq On : 27 Nov 2023 18:12
 Operator : MA/JU
 Sample : 05336-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCKB9DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/28/2023
 Supervised By :mohammad ahmed 11/29/2023

Quant Time: Nov 28 00:22:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 27 02:36:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.817	152	665m	0.400	ng/ul	-0.06
4) Naphthalene-d8	10.611	136	2043	0.400	ng/ul	#-0.04
9) Acenaphthene-d10	14.450	164	1344m	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.212	188	3038	0.400	ng/ul	-0.03
17) Chrysene-d12	21.412	240	1817	0.400	ng/ul	-0.01
23) Perylene-d12	23.762	264	1305m	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.164	96	456	0.447	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.216	152	255	0.093	ng/ul	-0.03
18) Fluoranthene-d10	19.242	212	697	0.105	ng/ul	-0.02
Target Compounds						
					Qvalue	
5) Naphthalene	10.660	128	6559	1.181	ng/ul#	85
7) 2-Methylnaphthalene	12.288	142	156	0.048	ng/ul	86
8) 1-Methylnaphthalene	12.497	142	1249	0.342	ng/ul	99
10) Acenaphthylene	14.177	152	995	0.145	ng/ul	96
11) Acenaphthene	14.510	153	47831	9.204	ng/ul	95
12) Fluorene	15.505	166	14278	2.676	ng/ul#	99
15) Phenanthrene	17.250	178	259	0.030	ng/ul#	52
16) Anthracene	17.343	178	345	0.042	ng/ul#	61
19) Fluoranthene	19.275	202	698	0.068	ng/ul#	80
20) Pyrene	19.633	202	356	0.032	ng/ul#	42

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

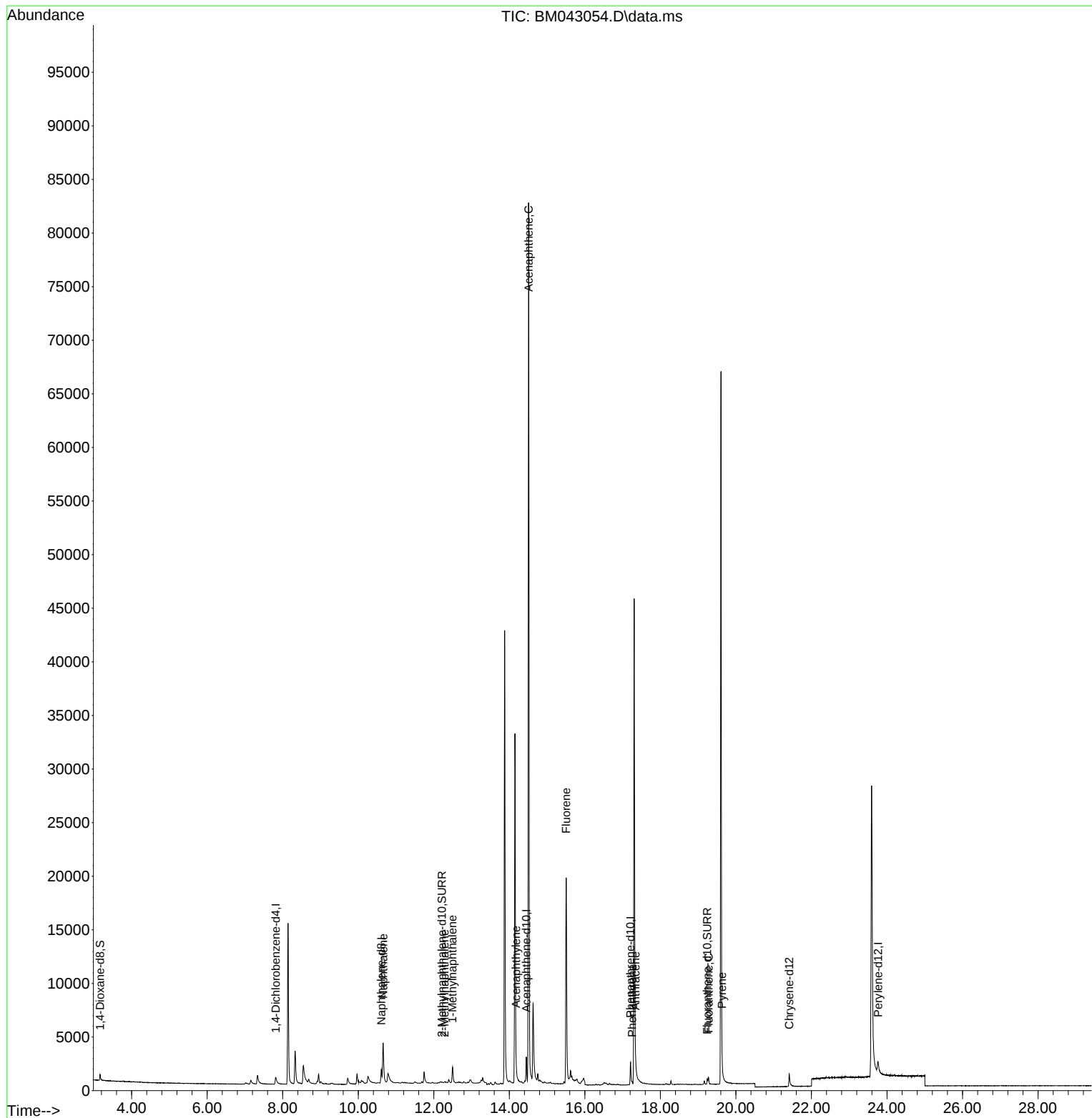
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112723\
Data File : BM043054.D
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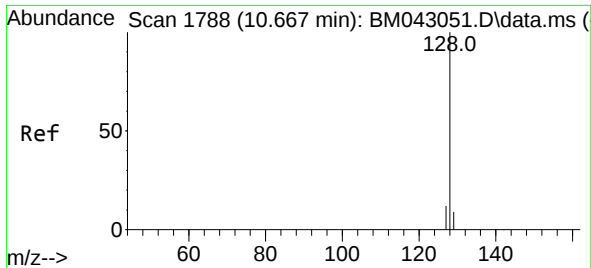
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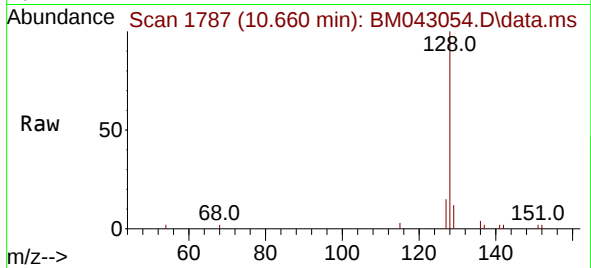
Quant Time: Nov 28 00:22:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM112423.M
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#5
Naphthalene
Concen: 1.181 ng/ul
RT: 10.660 min Scan# 1788
Delta R.T. -0.038 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

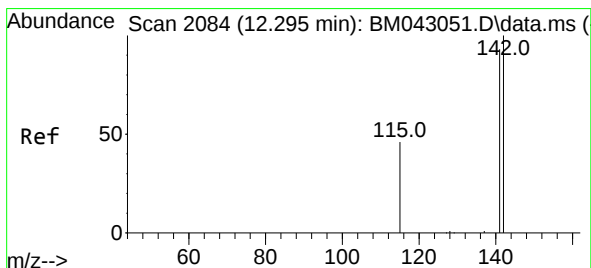
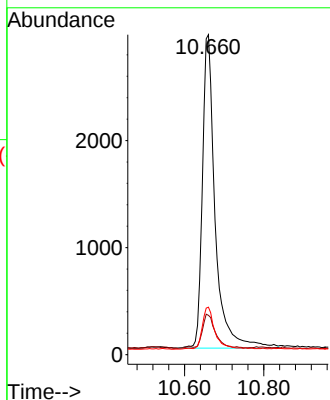
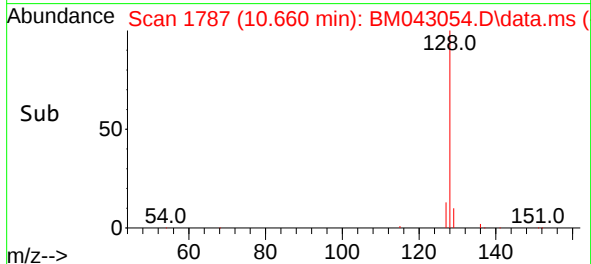
Instrument :
BNA_M
ClientSampleId :
DCKB9DL



Tgt Ion:128 Resp: 655
Ion Ratio Lower Upper
128 100
129 12.3 16.0 24.0
127 14.8 16.5 24.7

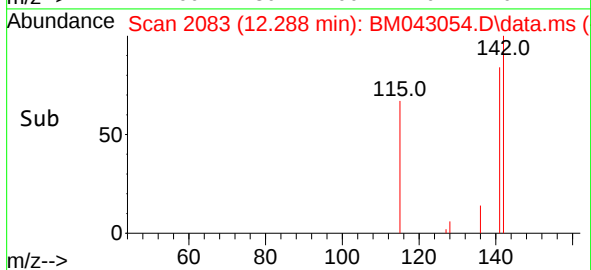
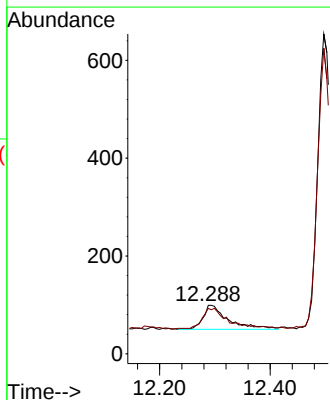
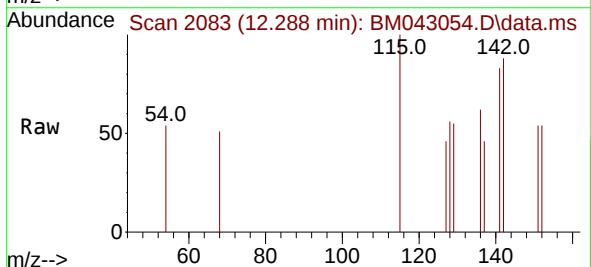
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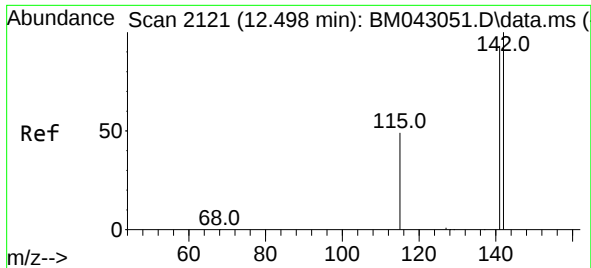
Reviewed By :Yogesh Patel 11/28/2023
Supervised By :mohammad ahmed 11/29/2023



#7
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.288 min Scan# 2083
Delta R.T. -0.044 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

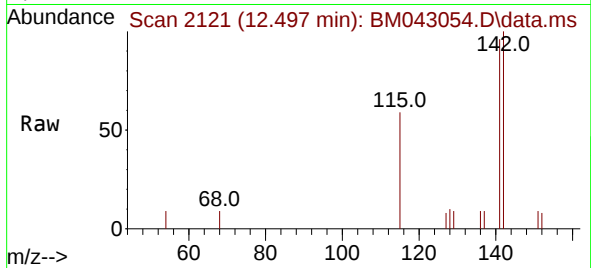
Tgt Ion:142 Resp: 156
Ion Ratio Lower Upper
142 100
141 81.4 76.1 114.1





#8
1-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.497 min Scan# 2121
Delta R.T. -0.022 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

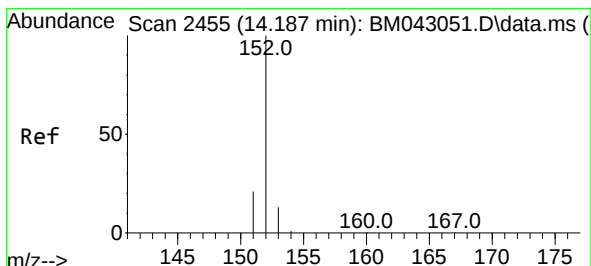
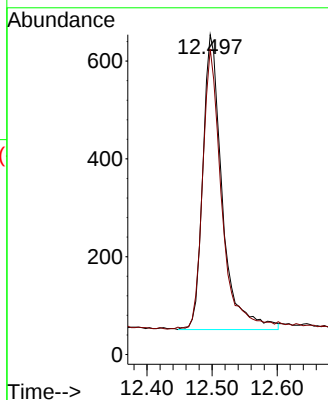
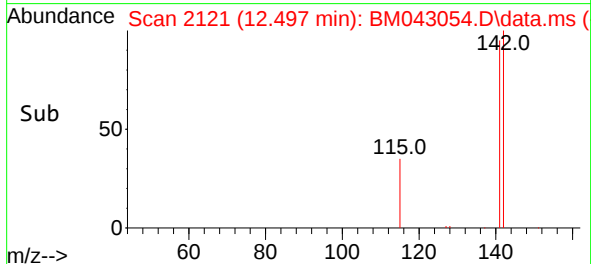
Instrument :
BNA_M
ClientSampleId :
DCKB9DL



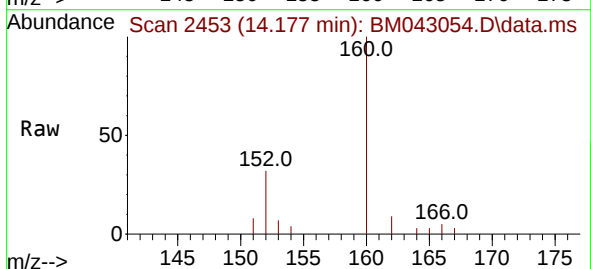
Tgt Ion:142 Resp: 1249
Ion Ratio Lower Upper
142 100
141 93.0 73.8 110.8

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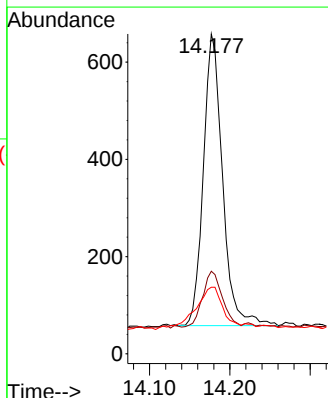
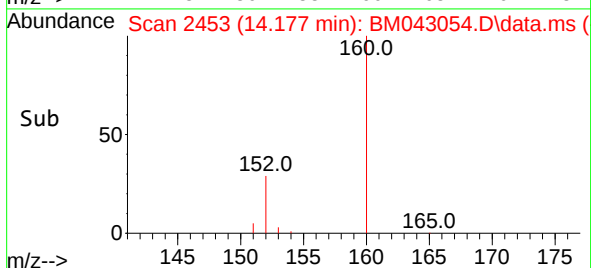
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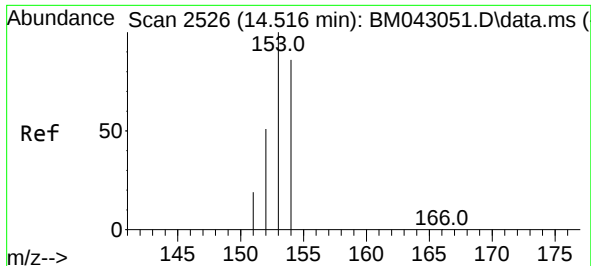


#10
Acenaphthylene
Concen: 0.145 ng/ul
RT: 14.177 min Scan# 2453
Delta R.T. -0.028 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12



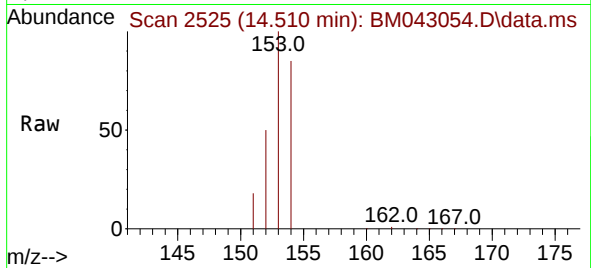
Tgt Ion:152 Resp: 995
Ion Ratio Lower Upper
152 100
151 25.8 19.4 29.0
153 20.8 14.6 21.8





#11
Acenaphthene
Concen: 9.204 ng/ul
RT: 14.510 min Scan# 21
Delta R.T. -0.023 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

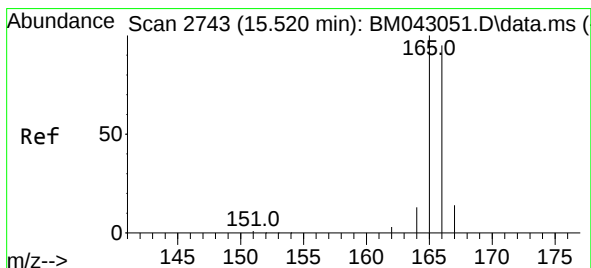
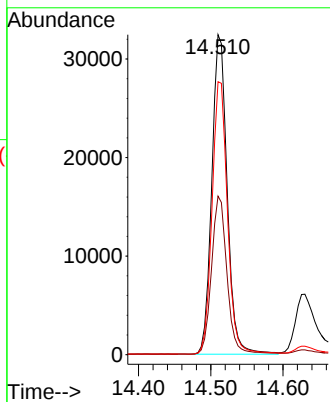
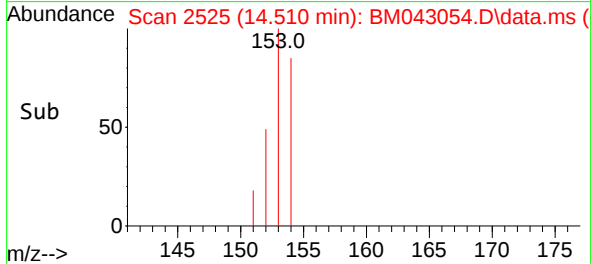
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 4783
Ion Ratio Lower Upper
153 100
152 49.5 43.9 65.9
154 85.3 70.6 105.8

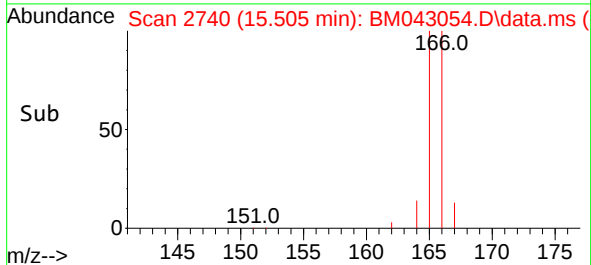
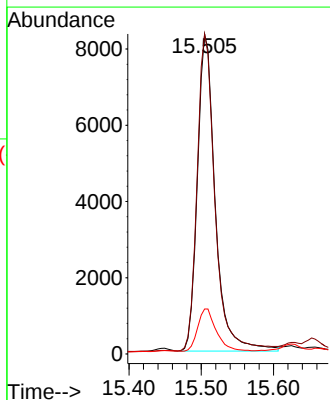
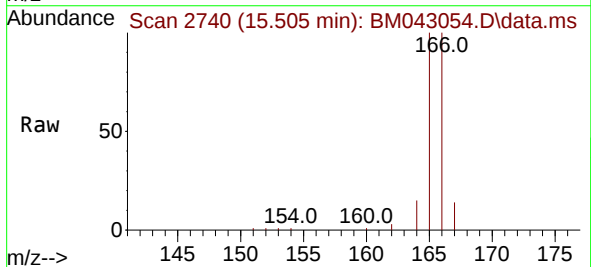
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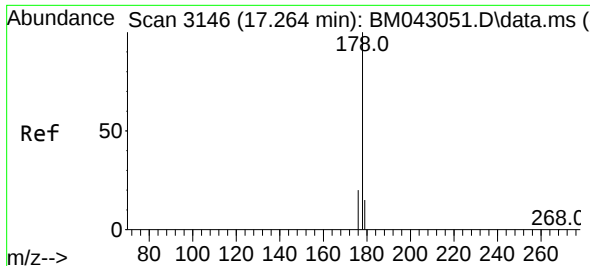
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#12
Fluorene
Concen: 2.676 ng/ul
RT: 15.505 min Scan# 2740
Delta R.T. -0.032 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

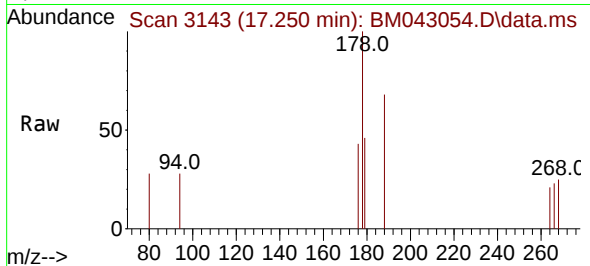
Tgt Ion:166 Resp: 14278
Ion Ratio Lower Upper
166 100
165 100.1 79.9 119.9
167 14.0 14.2 21.4#





#15
Phenanthrene
Concen: 0.030 ng/ul
RT: 17.250 min Scan# 3143
Delta R.T. -0.029 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

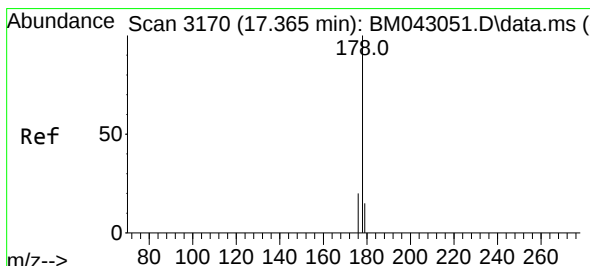
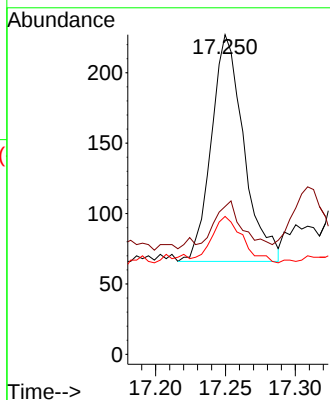
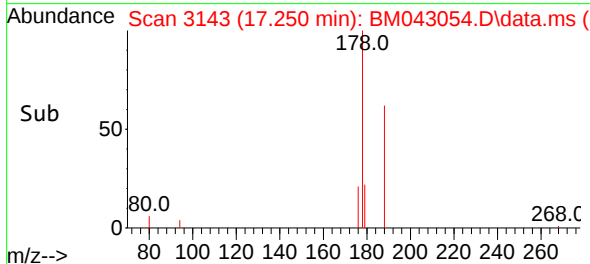
Instrument :
BNA_M
ClientSampleId :
DCKB9DL



Tgt Ion:178 Resp: 259
Ion Ratio Lower Upper
178 100
179 46.3 15.7 23.5
176 43.2 18.9 28.3

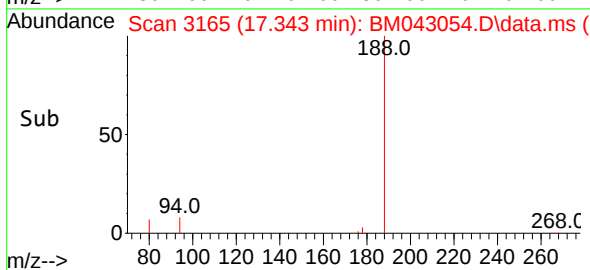
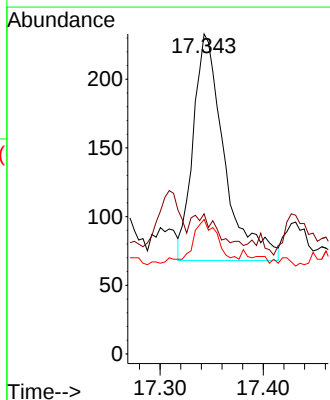
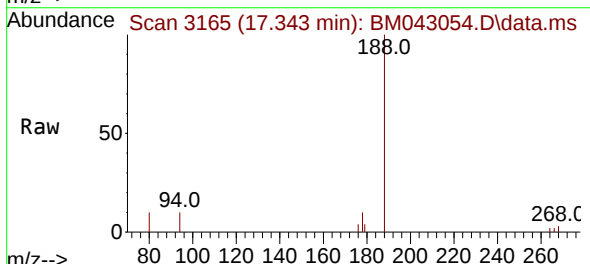
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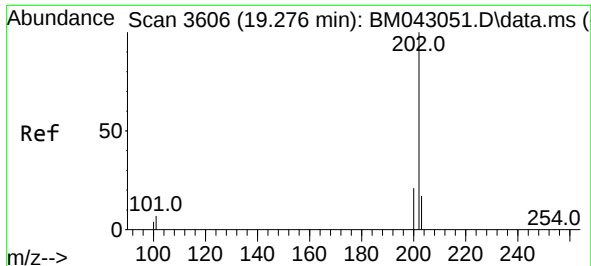
Reviewed By :Yogesh Patel 11/28/2023
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#16
Anthracene
Concen: 0.042 ng/ul
RT: 17.343 min Scan# 3165
Delta R.T. -0.051 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

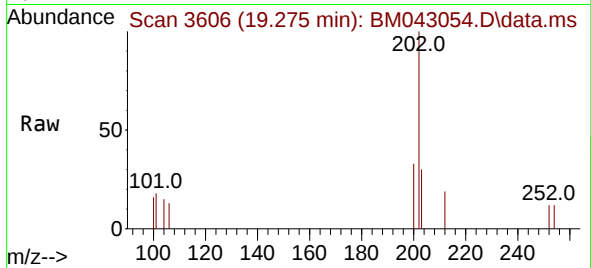
Tgt Ion:178 Resp: 345
Ion Ratio Lower Upper
178 100
179 43.8 17.3 25.9#
176 42.1 20.5 30.7#





#19
Fluoranthene
Concen: 0.068 ng/u1
RT: 19.275 min Scan# 30
Delta R.T. -0.018 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

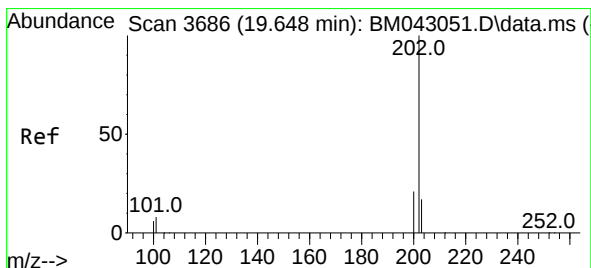
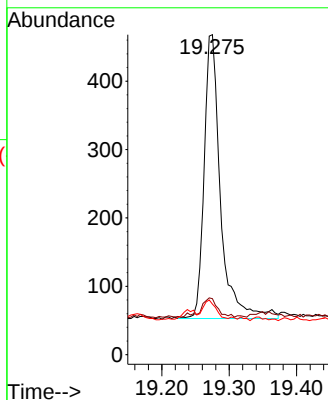
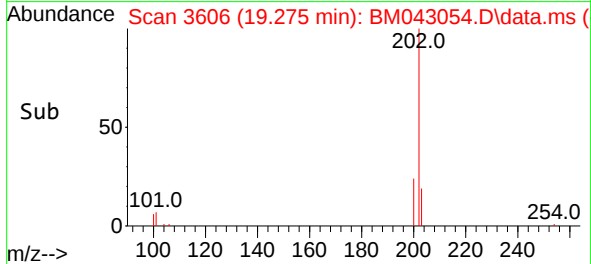
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Tgt Ion:202 Resp: 698
Ion Ratio Lower Upper
202 100
101 17.5 7.8 11.8#
100 15.8 7.1 10.7#

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#20
Pyrene
Concen: 0.032 ng/u1
RT: 19.633 min Scan# 3683
Delta R.T. -0.028 min
Lab File: BM043054.D
Acq: 27 Nov 2023 18:12

Tgt Ion:202 Resp: 356
Ion Ratio Lower Upper
202 100
101 26.0 8.7 13.1#
100 38.9 7.8 11.8#

