

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038951.D
 Acq On : 09 Mar 2023 18:35
 Operator : CG/JU
 Sample : 01784-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/10/2023
 Supervised By : Jagrut Upadhyay 03/10/2023

Quant Time: Mar 10 03:53:38 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 09 13:36:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	8995	0.400	ng/u1	0.00
4) Naphthalene-d8	10.811	136	31512	0.400	ng/u1	# 0.00
9) Acenaphthene-d10	14.633	164	22193	0.400	ng/u1	# 0.00
13) Phenanthrene-d10	17.375	188	42541	0.400	ng/u1	# 0.00
17) Chrysene-d12	21.553	240	30635	0.400	ng/u1	0.00
23) Perylene-d12	24.002	264	22857	0.400	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.376	96	50962	5.007	ng/u1	0.00
6) 2-Methylnaphthalene-d10	12.395	152	16747	0.439	ng/u1	0.00
18) Fluoranthene-d10	19.398	212	39167	0.537	ng/u1	0.00
Target Compounds						Qvalue
5) Naphthalene	10.861	128	3618557	48.030	ng/u1	100
7) 2-Methylnaphthalene	12.466	142	67610	1.479	ng/u1	100
8) 1-Methylnaphthalene	12.686	142	781715	16.300	ng/u1	98
10) Acenaphthylene	14.355	152	220462	2.732	ng/u1	98
11) Acenaphthene	14.702	153	4403368	66.348	ng/u1	92
12) Fluorene	15.678	166	951592	12.700	ng/u1	98
14) Pentachlorophenol	17.024	266	2635	0.257	ng/u1	99
15) Phenanthrene	17.421	178	3311754	29.449	ng/u1	99
16) Anthracene	17.510	178	325368	3.514	ng/u1	99
19) Fluoranthene	19.431	202	280316	2.702	ng/u1	99
20) Pyrene	19.793	202	136579m	1.282	ng/u1	

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

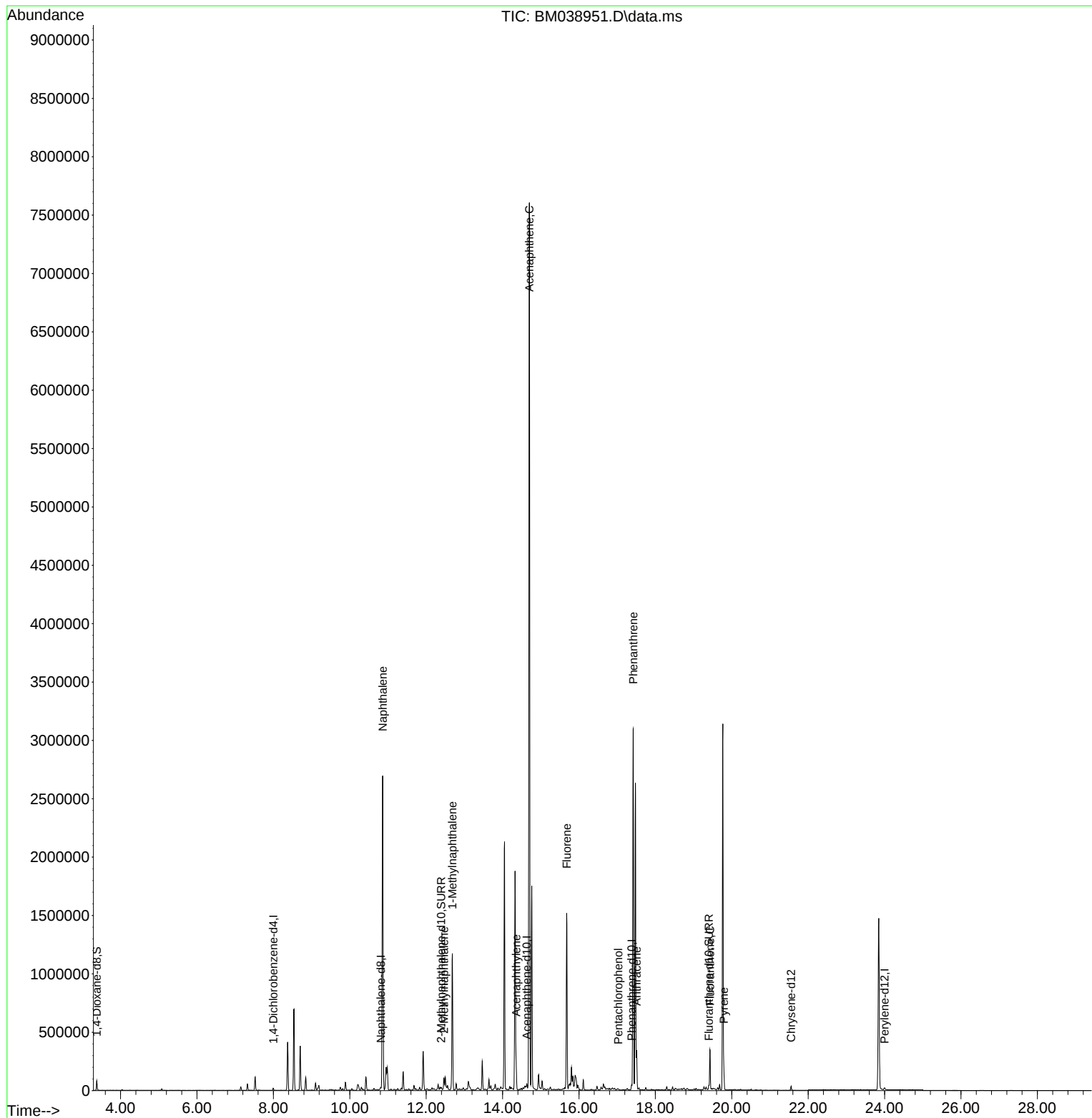
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
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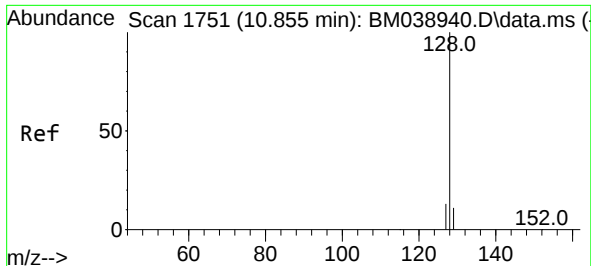
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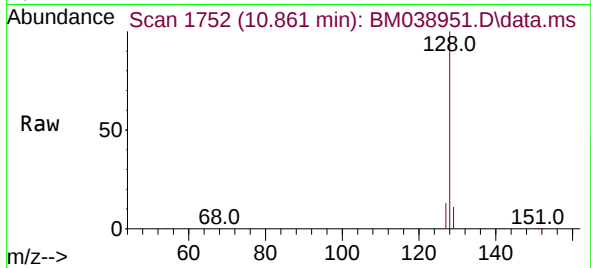
Quant Time: Mar 10 03:53:38 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#5
Naphthalene
Concen: 48.030 ng/ul
RT: 10.861 min Scan# 1751
Delta R.T. 0.006 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

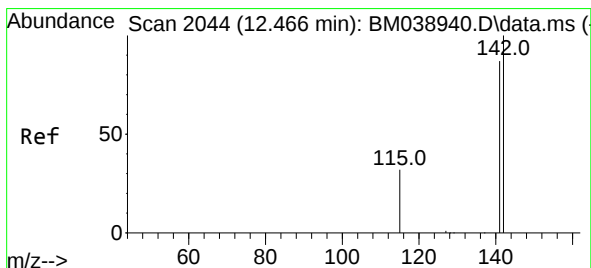
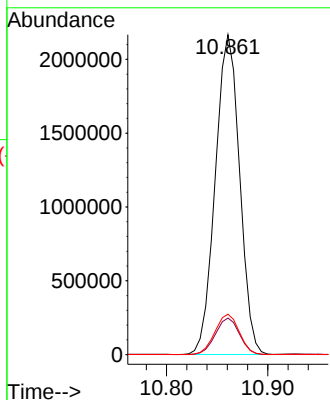
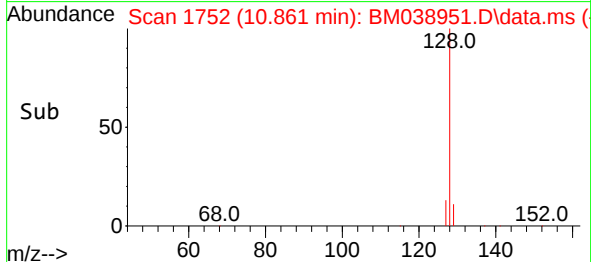
Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:128 Resp: 361855
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 12.6 10.3 15.5

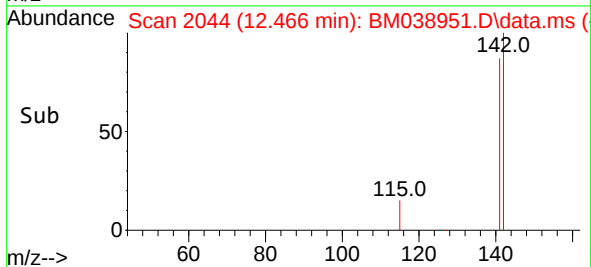
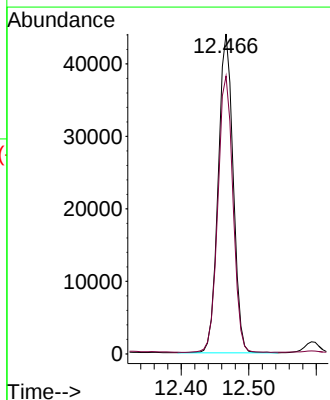
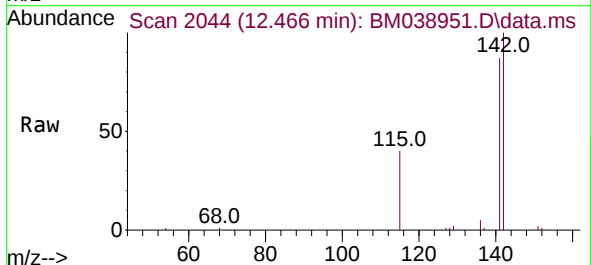
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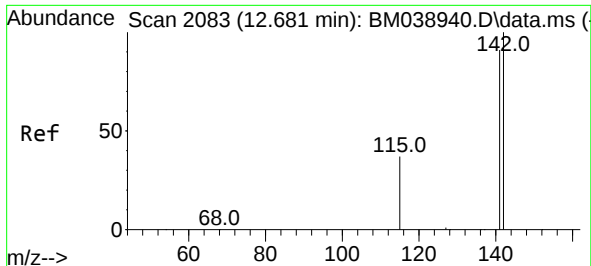
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#7
2-Methylnaphthalene
Concen: 1.479 ng/ul
RT: 12.466 min Scan# 2044
Delta R.T. 0.000 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

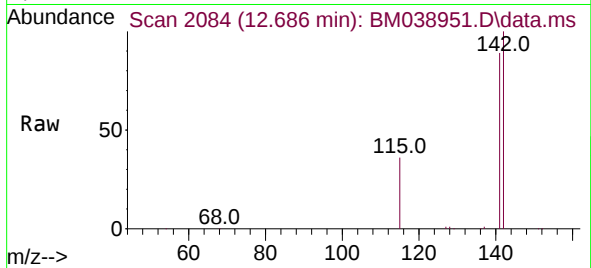
Tgt Ion:142 Resp: 67610
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9





#8
1-Methylnaphthalene
Concen: 16.300 ng/ul
RT: 12.686 min Scan# 2083
Delta R.T. 0.006 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

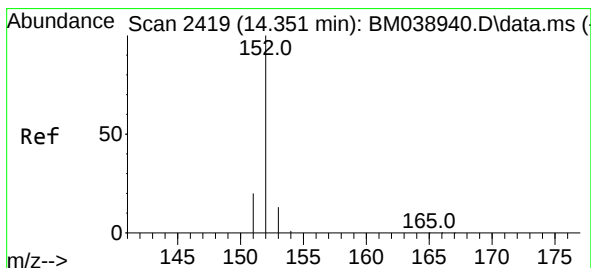
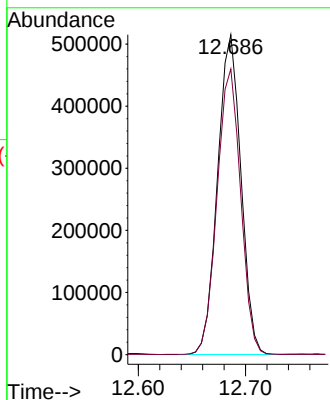
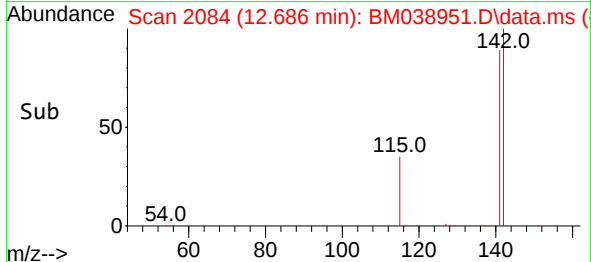
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 781715
Ion Ratio Lower Upper
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141 90.0 73.5 110.3

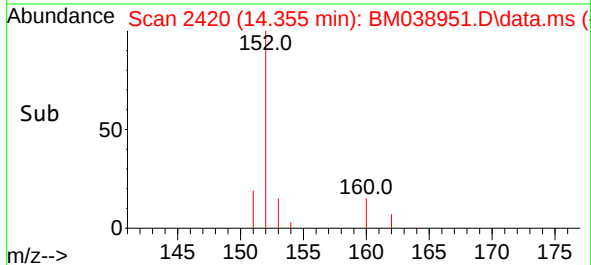
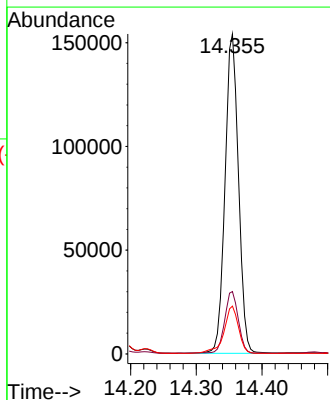
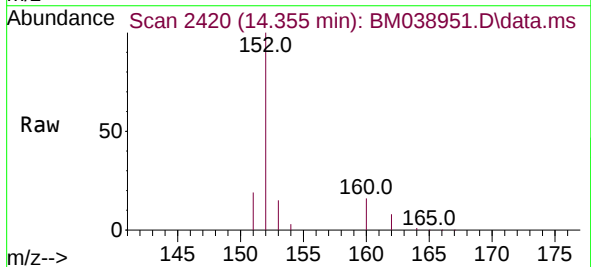
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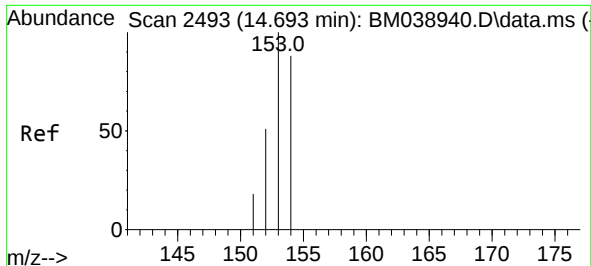
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#10
Acenaphthylene
Concen: 2.732 ng/ul
RT: 14.355 min Scan# 2420
Delta R.T. 0.005 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

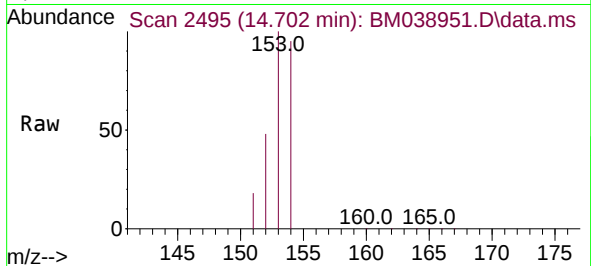
Tgt Ion:152 Resp: 220462
Ion Ratio Lower Upper
152 100
151 19.5 15.6 23.4
153 14.9 10.6 15.8





#11
Acenaphthene
Concen: 66.348 ng/ul
RT: 14.702 min Scan# 2495
Delta R.T. 0.009 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

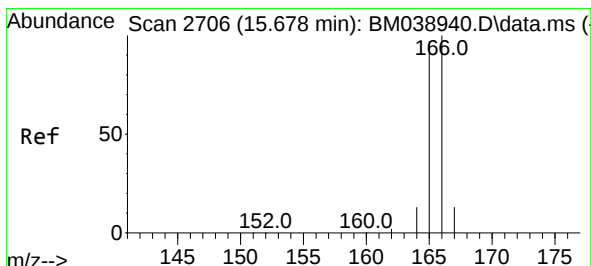
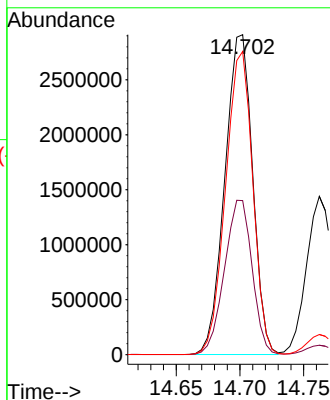
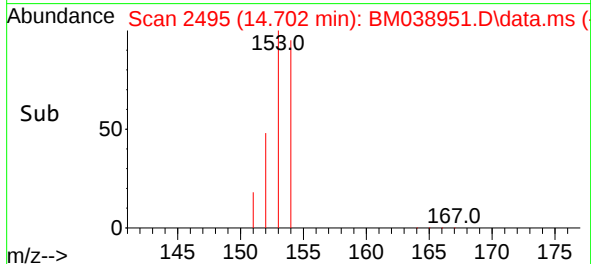
Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:153 Resp: 4403368
Ion Ratio Lower Upper
153 100
152 48.1 44.2 66.2
154 94.7 70.6 105.8

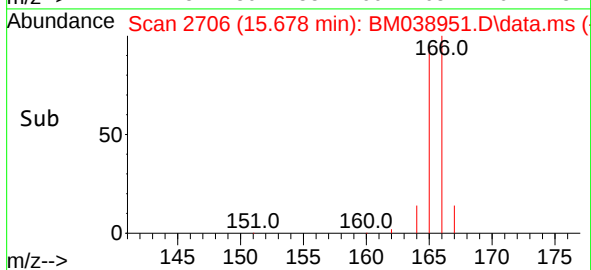
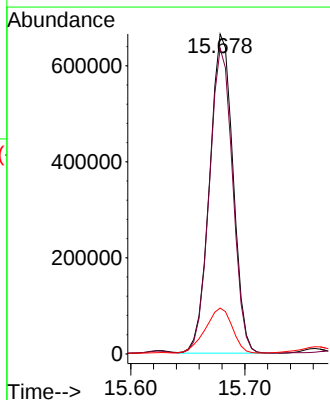
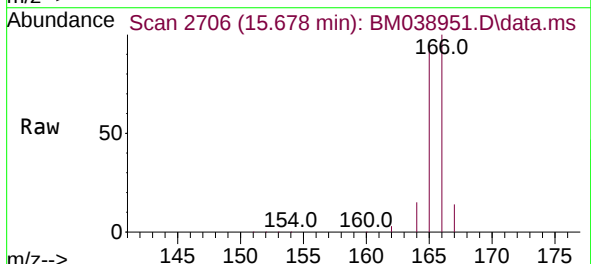
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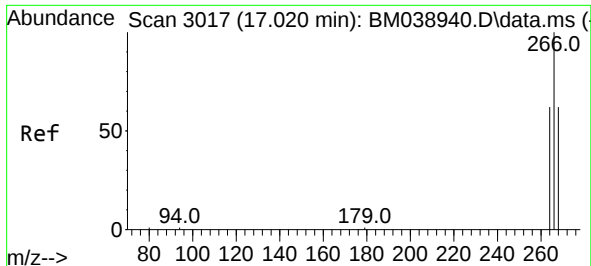
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#12
Fluorene
Concen: 12.700 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. 0.000 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

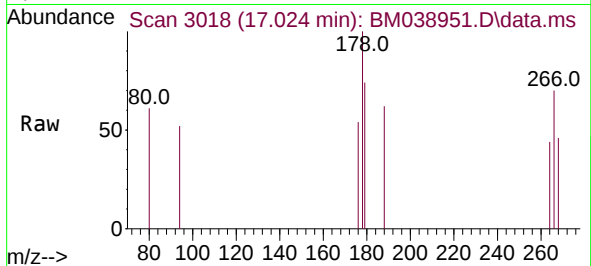
Tgt Ion:166 Resp: 951592
Ion Ratio Lower Upper
166 100
165 95.4 77.8 116.6
167 14.3 11.4 17.2





#14
Pentachlorophenol
Concen: 0.257 ng/ul
RT: 17.024 min Scan# 3017
Delta R.T. 0.004 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

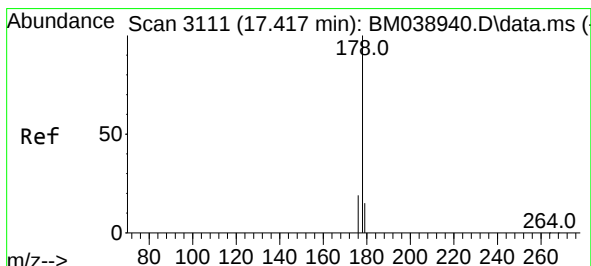
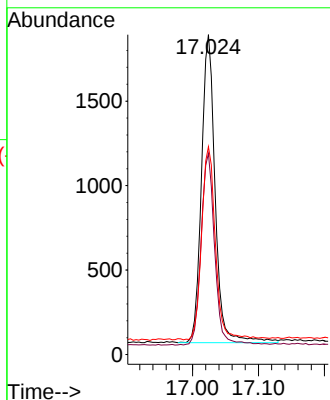
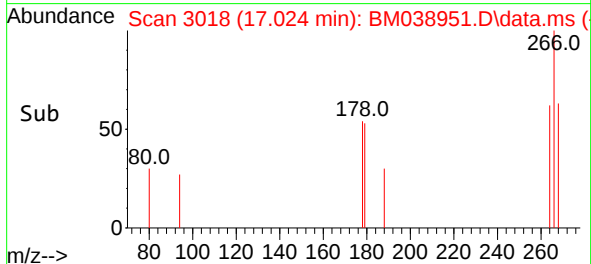
Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:266 Resp: 2635
Ion Ratio Lower Upper
266 100
264 61.7 50.2 75.2
268 63.6 50.2 75.4

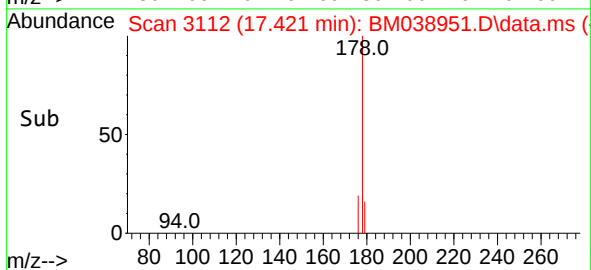
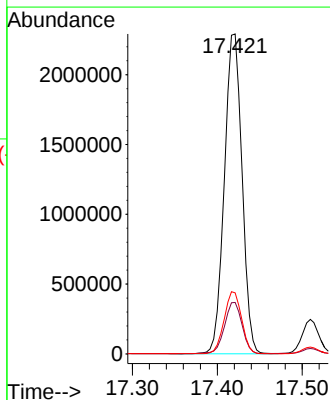
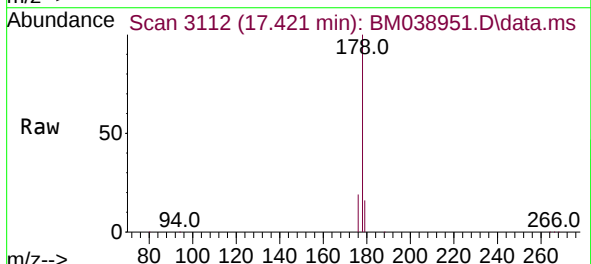
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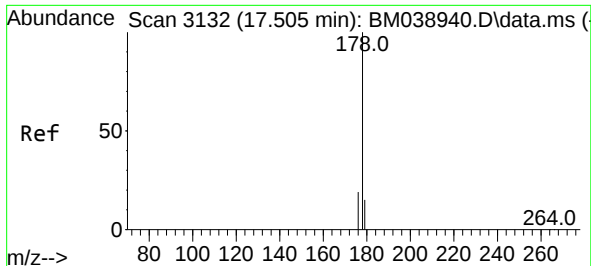
Reviewed By :Christian Giraldo 03/10/2023
Supervised By :Jagrut Upadhyay 03/10/2023



#15
Phenanthrene
Concen: 29.449 ng/ul
RT: 17.421 min Scan# 3112
Delta R.T. 0.004 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

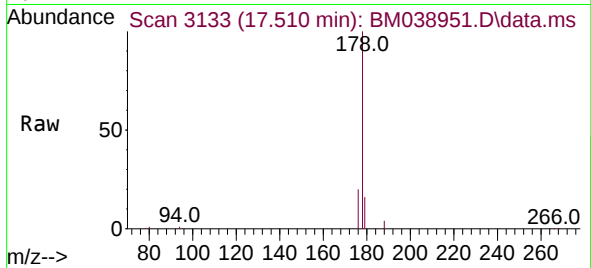
Tgt Ion:178 Resp: 3311754
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.1 15.9 23.9





#16
 Anthracene
 Concen: 3.514 ng/ul
 RT: 17.510 min Scan# 3133
 Delta R.T. 0.004 min
 Lab File: BM038951.D
 Acq: 09 Mar 2023 18:35

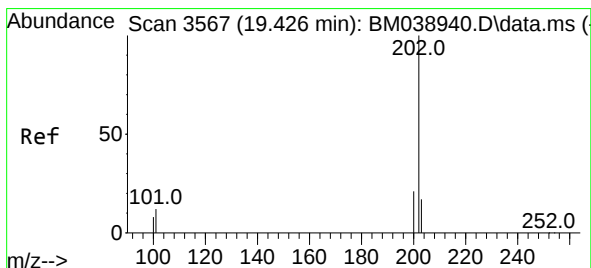
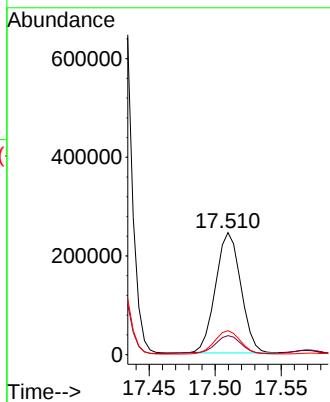
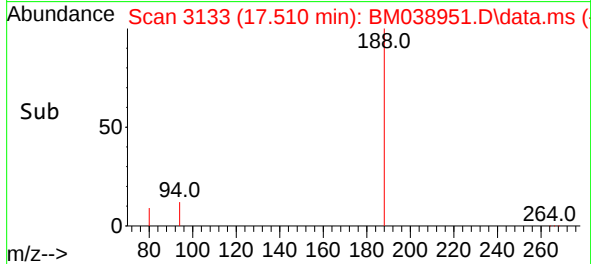
Instrument :
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Tgt Ion:178 Resp: 325368
 Ion Ratio Lower Upper
 178 100
 179 15.6 13.0 19.6
 176 19.6 15.4 23.2

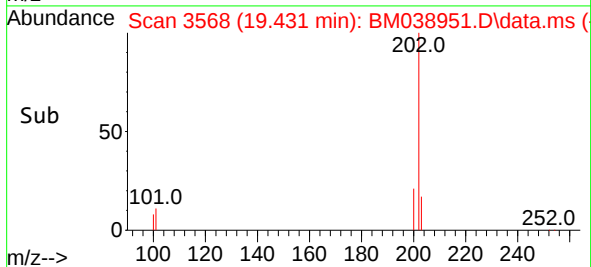
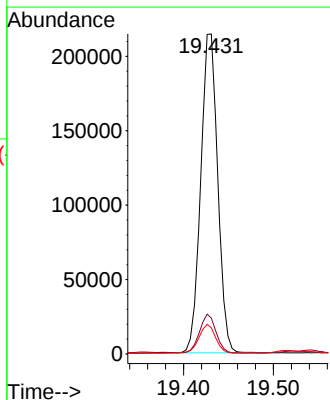
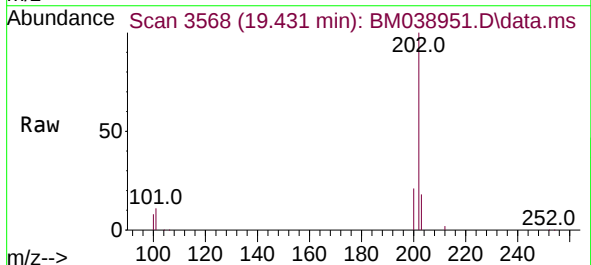
Manual Integrations
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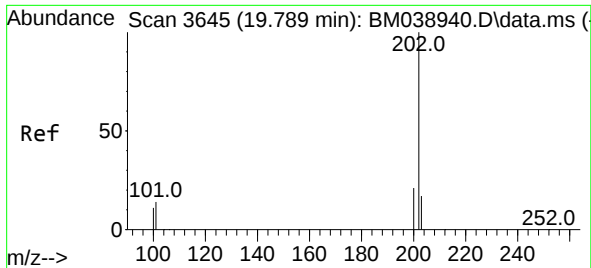
Reviewed By :Christian Giraldo 03/10/2023
 Supervised By :Jagrut Upadhyay 03/10/2023



#19
 Fluoranthene
 Concen: 2.702 ng/ul
 RT: 19.431 min Scan# 3568
 Delta R.T. 0.005 min
 Lab File: BM038951.D
 Acq: 09 Mar 2023 18:35

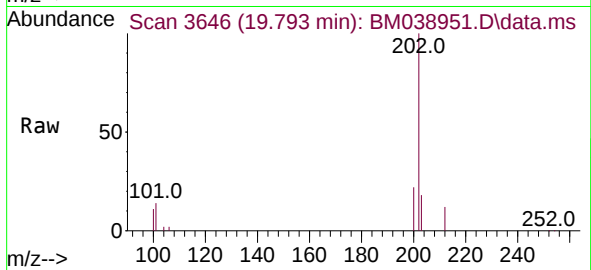
Tgt Ion:202 Resp: 280316
 Ion Ratio Lower Upper
 202 100
 101 11.2 8.9 13.3
 100 8.2 6.8 10.2





#20
Pyrene
Concen: 1.282 ng/ul m
RT: 19.793 min Scan# 30
Delta R.T. 0.005 min
Lab File: BM038951.D
Acq: 09 Mar 2023 18:35

Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:202 Resp: 136579
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.6 9.0 13.6

Manual Integrations
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