

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038978.D
 Acq On : 10 Mar 2023 13:11
 Operator : CG/JU
 Sample : 01784-07
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAD9

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/13/2023
 Supervised By : Jagrut Upadhyay 03/13/2023

Quant Time: Mar 10 23:15:29 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	7.991	152	10262	0.400	ng/ul	0.00
4) Naphthalene-d8	10.804	136	35515	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.627	164	23655	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.373	188	46138	0.400	ng/ul	0.00
17) Chrysene-d12	21.553	240	32368	0.400	ng/ul	0.00
23) Perylene-d12	23.997	264	25806	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	47100	4.056	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.388	152	16073	0.374	ng/ul	0.00
18) Fluoranthene-d10	19.397	212	36843	0.478	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.854	128	3543591	41.733	ng/ul	100
7) 2-Methylnaphthalene	12.459	142	65060	1.263	ng/ul	100
8) 1-Methylnaphthalene	12.679	142	759168	14.045	ng/ul	98
10) Acenaphthylene	14.349	152	214085	2.489	ng/ul	98
11) Acenaphthene	14.696	153	4255026	60.150	ng/ul	92
12) Fluorene	15.677	166	918408	11.500	ng/ul	97
14) Pentachlorophenol	17.018	266	1793	0.162	ng/ul	98
15) Phenanthrene	17.415	178	3161320	25.920	ng/ul	99
16) Anthracene	17.504	178	311110	3.098	ng/ul	99
19) Fluoranthene	19.425	202	266621	2.432	ng/ul	98
20) Pyrene	19.792	202	129141m	1.147	ng/ul	

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

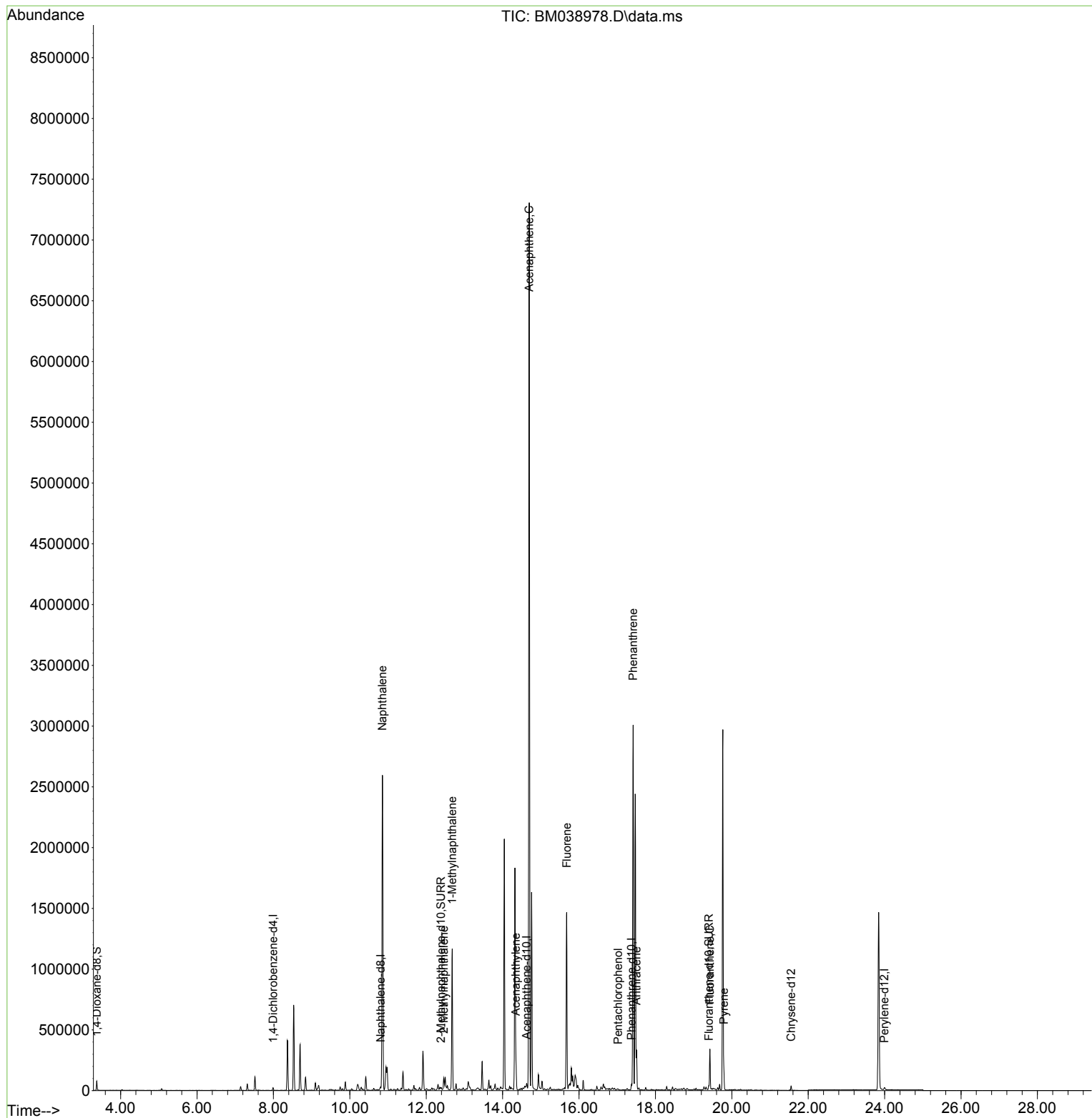
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
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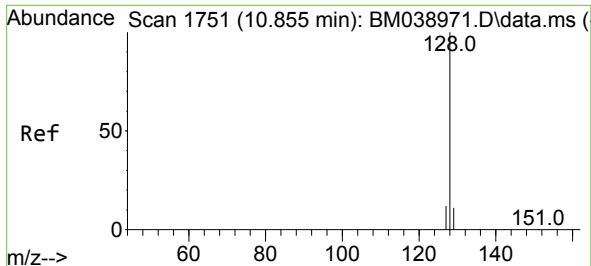
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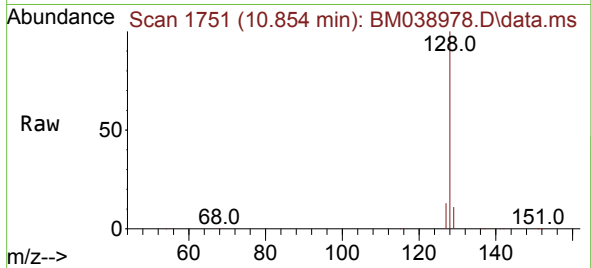
Quant Time: Mar 10 23:15:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 09 13:36:03 2023
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#5
Naphthalene
Concen: 41.733 ng/ul
RT: 10.854 min Scan# 1751
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

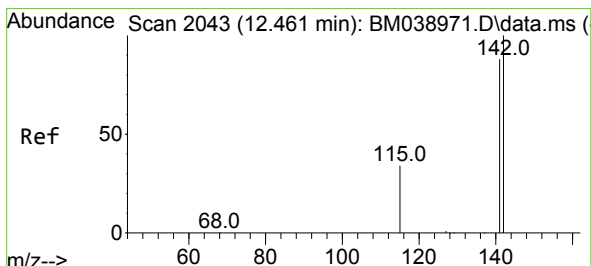
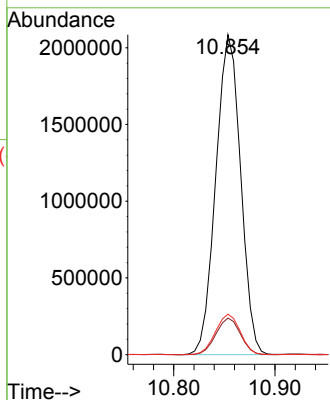
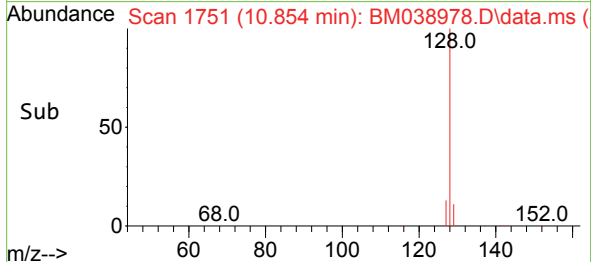
Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:128 Resp: 354359
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 12.6 10.3 15.5

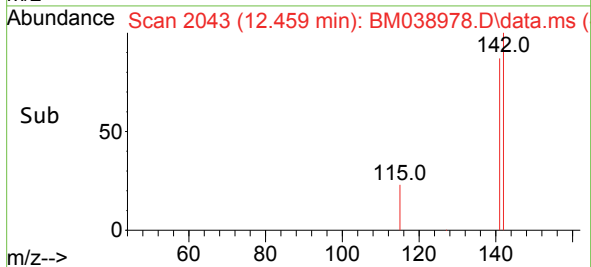
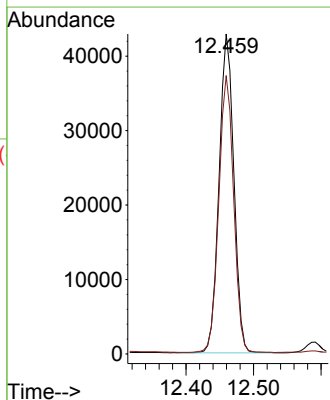
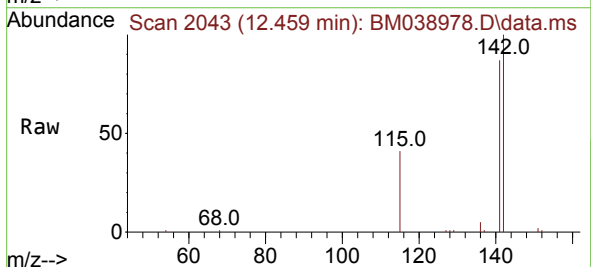
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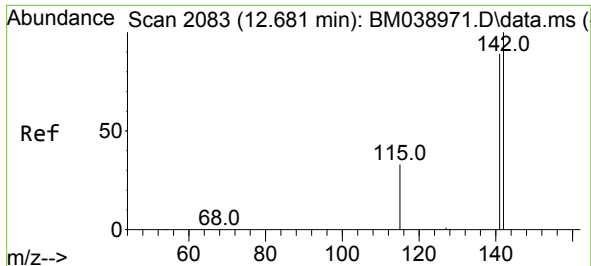
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#7
2-Methylnaphthalene
Concen: 1.263 ng/ul
RT: 12.459 min Scan# 2043
Delta R.T. -0.007 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

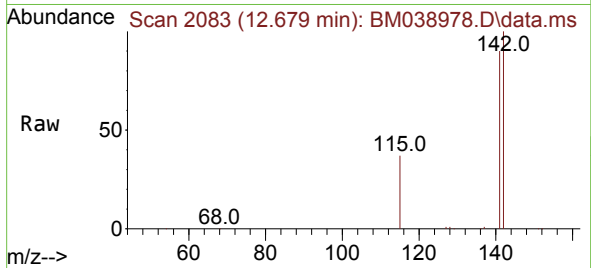
Tgt Ion:142 Resp: 65060
Ion Ratio Lower Upper
142 100
141 87.4 69.9 104.9





#8
1-Methylnaphthalene
Concen: 14.045 ng/ul
RT: 12.679 min Scan# 2083
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

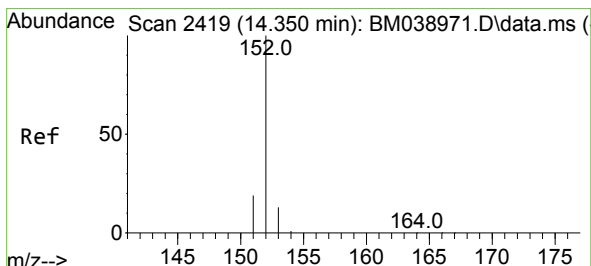
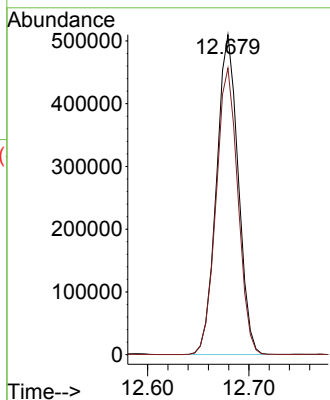
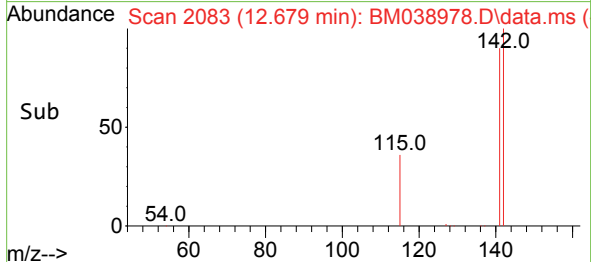
Instrument :
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ClientSampleId :
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Tgt Ion:142 Resp: 759168
Ion Ratio Lower Upper
142 100
141 90.0 73.5 110.3

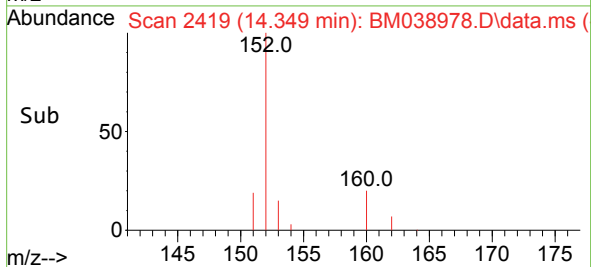
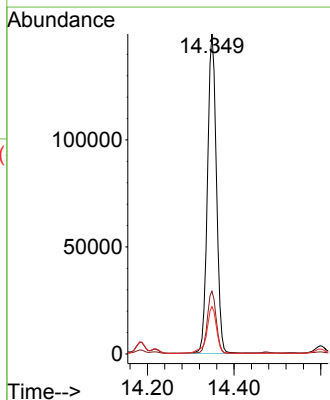
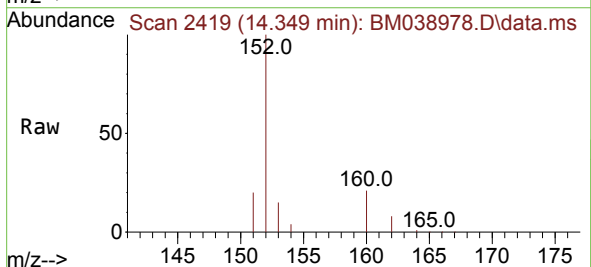
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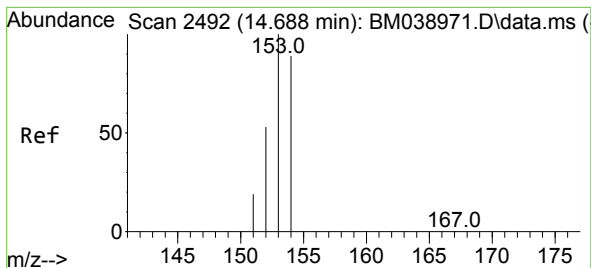
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Acenaphthylene
Concen: 2.489 ng/ul
RT: 14.349 min Scan# 2419
Delta R.T. -0.001 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

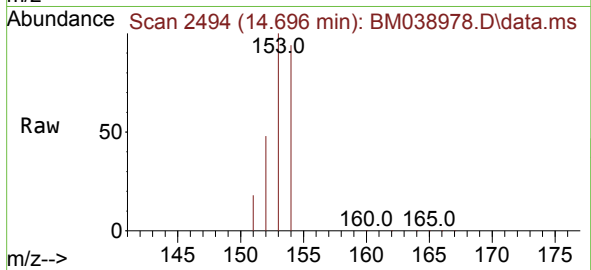
Tgt Ion:152 Resp: 214085
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 14.8 10.6 15.8





#11
Acenaphthene
Concen: 60.150 ng/ul
RT: 14.696 min Scan# 2494
Delta R.T. 0.003 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

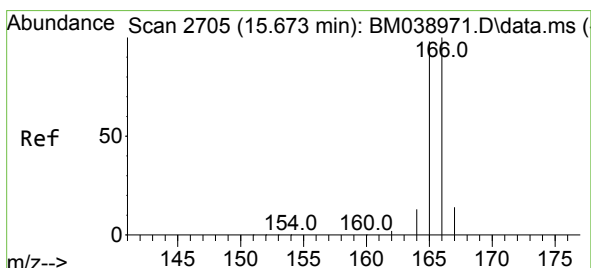
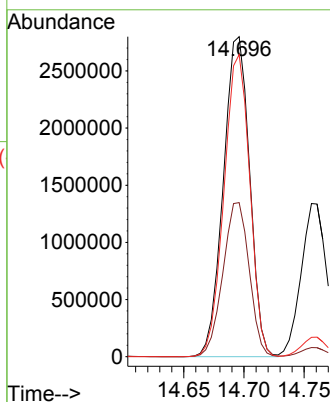
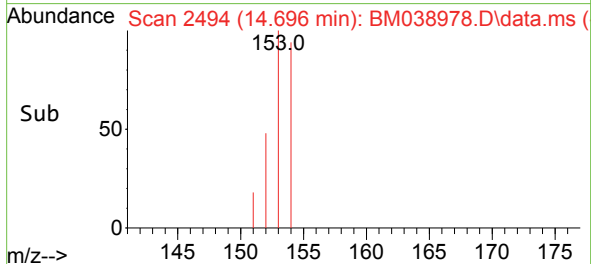
Instrument :
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ClientSampleId :
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Tgt Ion:153 Resp: 4255020
Ion Ratio Lower Upper
153 100
152 48.1 44.2 66.2
154 94.4 70.6 105.8

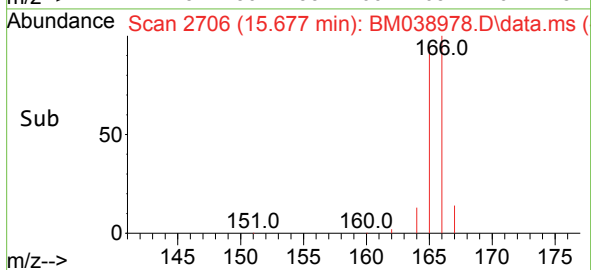
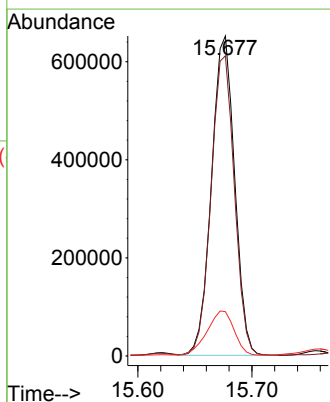
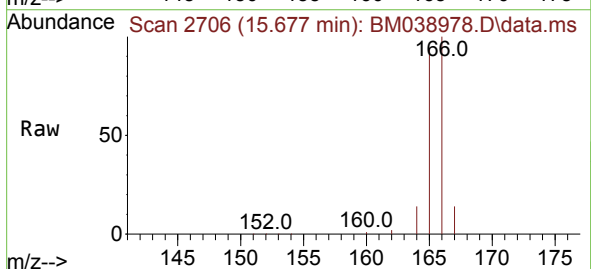
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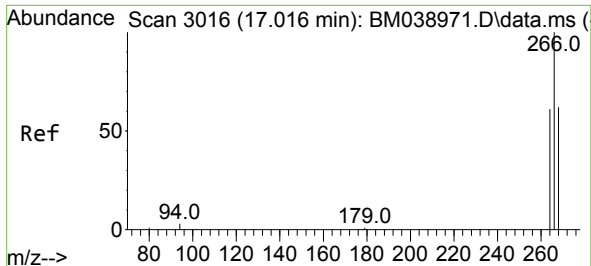
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#12
Fluorene
Concen: 11.500 ng/ul
RT: 15.677 min Scan# 2706
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Tgt Ion:166 Resp: 918408
Ion Ratio Lower Upper
166 100
165 93.8 77.8 116.6
167 13.8 11.4 17.2





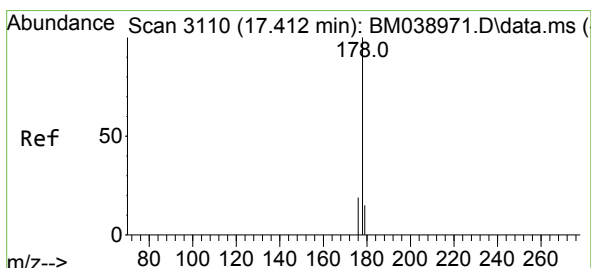
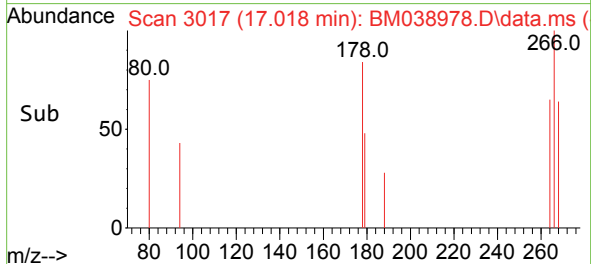
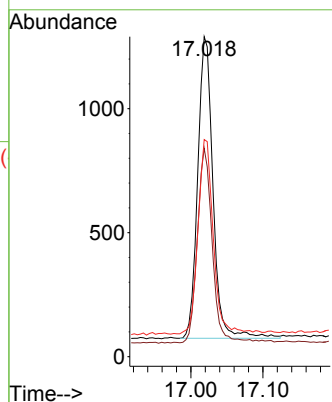
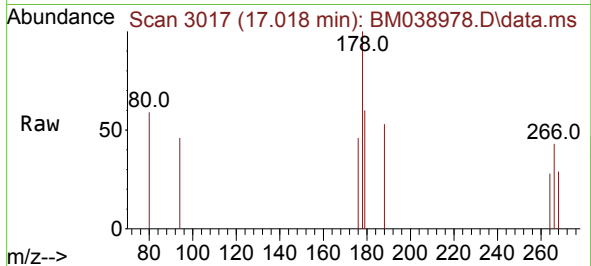
#14
Pentachlorophenol
Concen: 0.162 ng/u1
RT: 17.018 min Scan# 3016
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9

Tgt Ion:266 Resp: 179
Ion Ratio Lower Upper
266 100
264 63.7 50.2 75.2
268 64.5 50.2 75.4

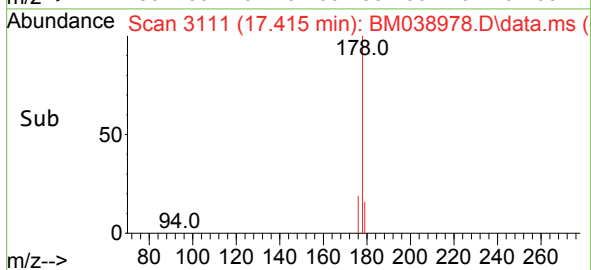
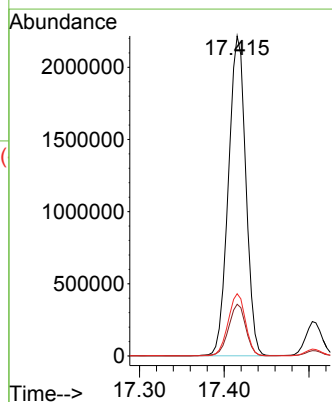
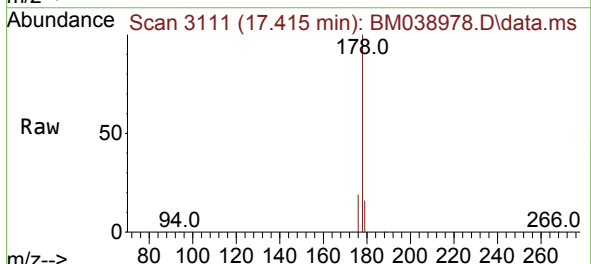
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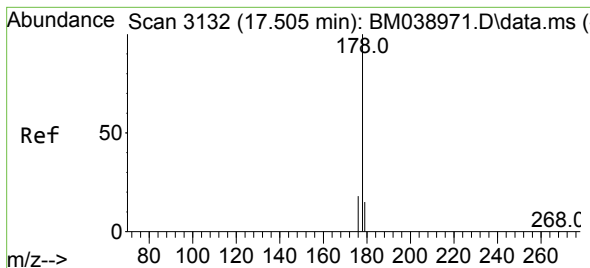
Reviewed By :Christian Giraldo 03/13/2023
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#15
Phenanthrene
Concen: 25.920 ng/u1
RT: 17.415 min Scan# 3111
Delta R.T. -0.002 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

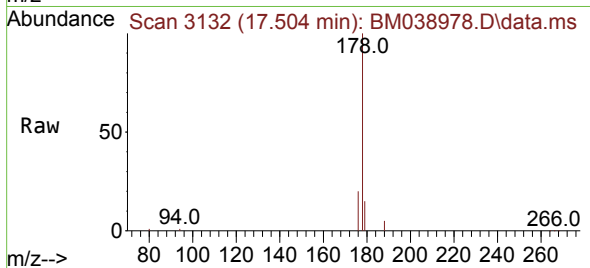
Tgt Ion:178 Resp: 3161320
Ion Ratio Lower Upper
178 100
179 16.1 12.7 19.1
176 19.5 15.9 23.9





#16
 Anthracene
 Concen: 3.098 ng/ul
 RT: 17.504 min Scan# 3132
 Delta R.T. -0.001 min
 Lab File: BM038978.D
 Acq: 10 Mar 2023 13:11

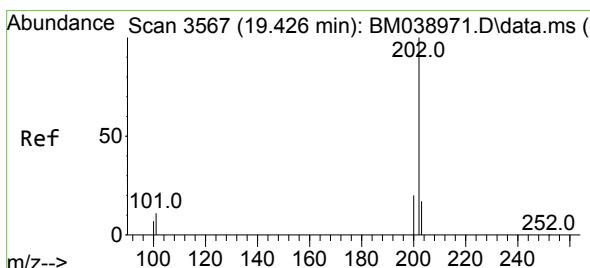
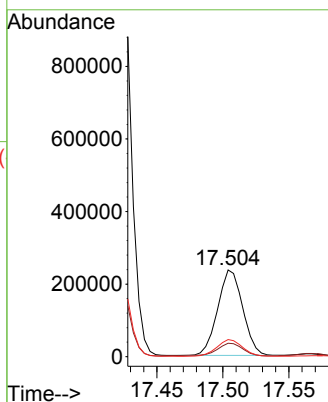
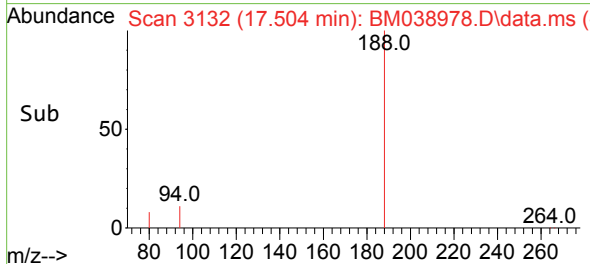
Instrument :
 BNA_M
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Tgt Ion:178 Resp: 311110
 Ion Ratio Lower Upper
 178 100
 179 15.4 13.0 19.6
 176 19.8 15.4 23.2

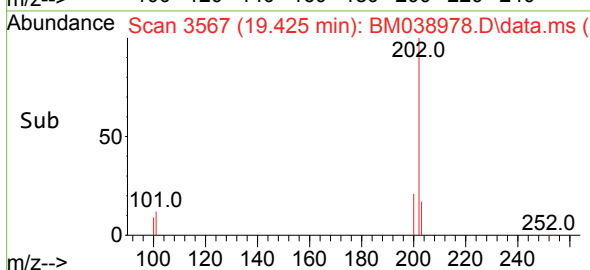
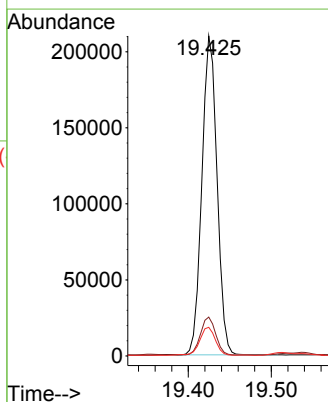
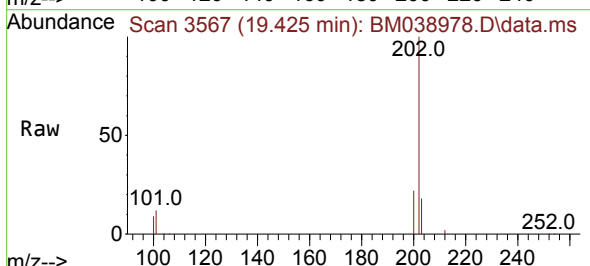
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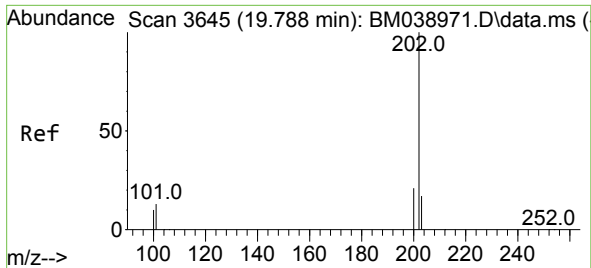
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 Supervised By :Jagrut Upadhyay 03/13/2023



#19
 Fluoranthene
 Concen: 2.432 ng/ul
 RT: 19.425 min Scan# 3567
 Delta R.T. -0.002 min
 Lab File: BM038978.D
 Acq: 10 Mar 2023 13:11

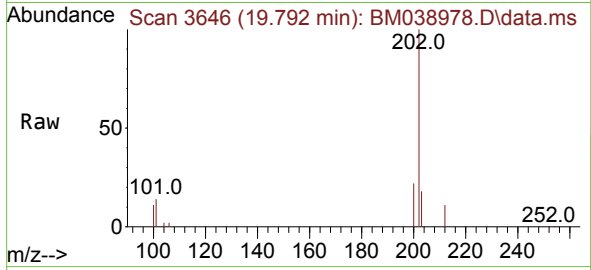
Tgt Ion:202 Resp: 266621
 Ion Ratio Lower Upper
 202 100
 101 12.2 8.9 13.3
 100 9.0 6.8 10.2





#20
Pyrene
Concen: 1.147 ng/ul m
RT: 19.792 min Scan# 30
Delta R.T. 0.003 min
Lab File: BM038978.D
Acq: 10 Mar 2023 13:11

Instrument :
BNA_M
ClientSampleId :
DCAD9



Tgt Ion:202 Resp: 12914
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.7 9.0 13.6

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