

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
 Data File : BM038973.D
 Acq On : 10 Mar 2023 10:05
 Operator : CG/JU
 Sample : 01784-20
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9

Manual Integrations
 APPROVED

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

Quant Time: Mar 10 23:14:43 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	9137	0.400	ng/ul	0.00
4) Naphthalene-d8	10.811	136	32228	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	29989	0.400	ng/ul	# 0.00
13) Phenanthrene-d10	17.370	188	50340	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	34723	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	25442	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	19528	1.889	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.389	152	15673	0.402	ng/ul	0.00
18) Fluoranthene-d10	19.394	212	37307	0.451	ng/ul	0.00
Target Compounds						
						Qvalue
5) Naphthalene	10.861	128	27281656	354.071	ng/ul#	87
7) 2-Methylnaphthalene	12.461	142	3093382	66.165	ng/ul	98
8) 1-Methylnaphthalene	12.686	142	4663311	95.074	ng/ul	96
10) Acenaphthylene	14.350	152	414568	3.802	ng/ul	97
11) Acenaphthene	14.697	153	7543761	84.117	ng/ul	93
12) Fluorene	15.678	166	4291262	42.384	ng/ul	97
14) Pentachlorophenol	17.020	266	142747	11.784	ng/ul	99
15) Phenanthrene	17.417	178	3905279	29.347	ng/ul	99
16) Anthracene	17.505	178	326453	2.979	ng/ul	98
19) Fluoranthene	19.426	202	344630	2.931	ng/ul	99
20) Pyrene	19.789	202	143778m	1.191	ng/ul	

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

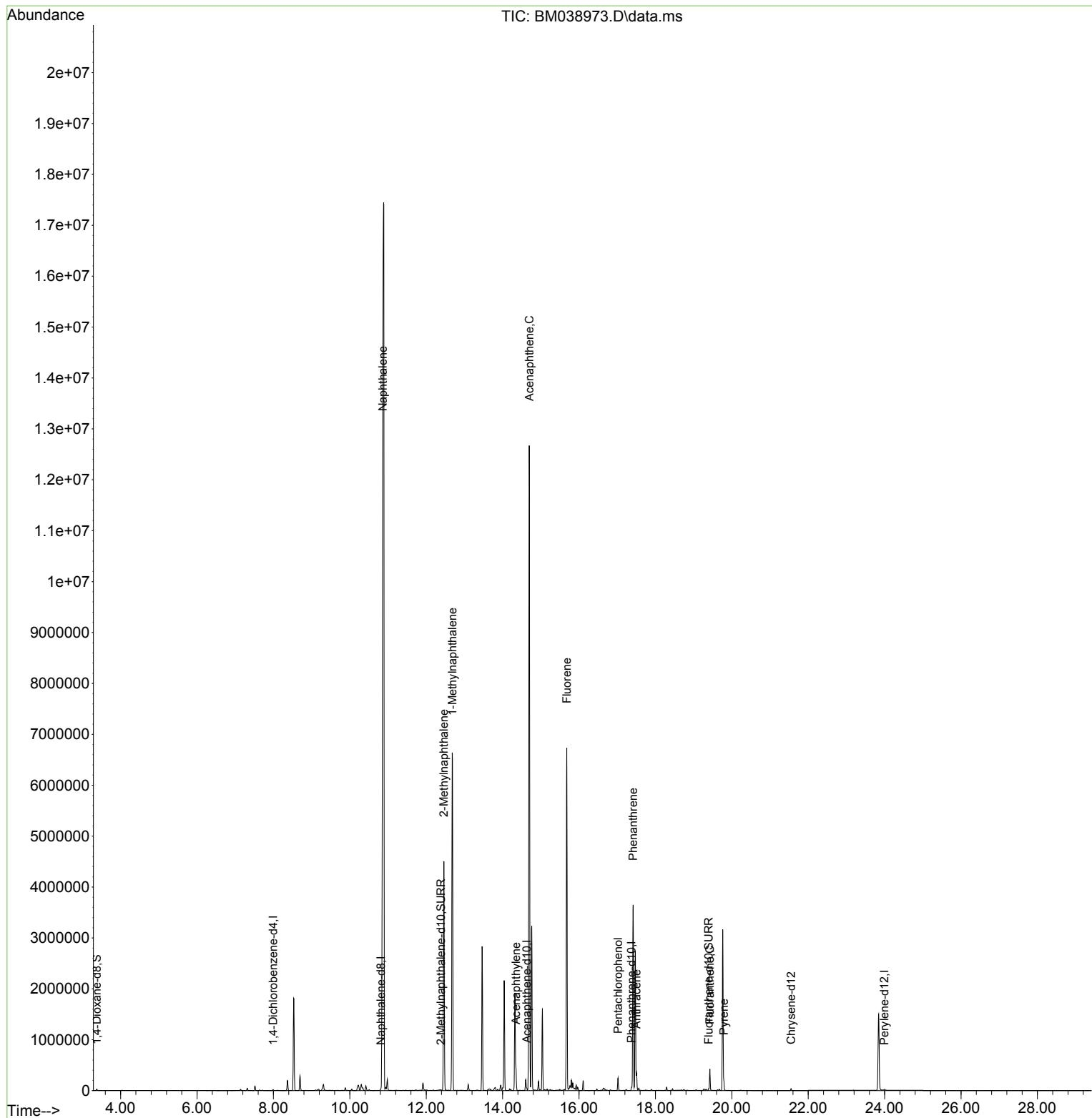
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030923\
Data File : BM038973.D
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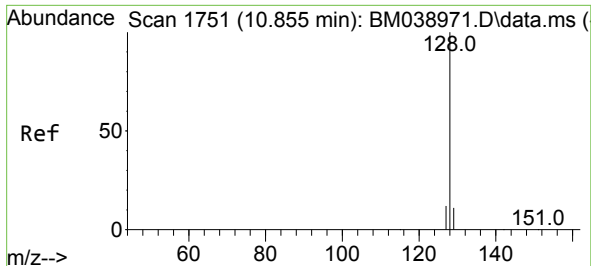
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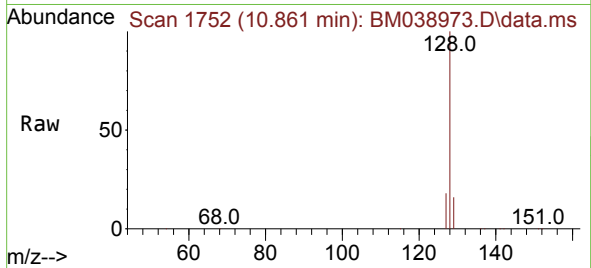
Quant Time: Mar 10 23:14:43 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM030323.M
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#5
Naphthalene
Concen: 354.071 ng/ul
RT: 10.861 min Scan# 1752
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

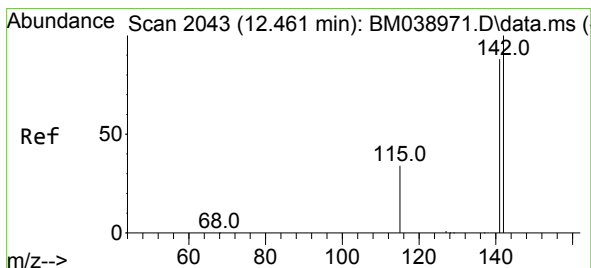
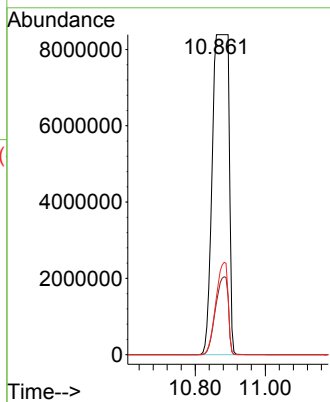
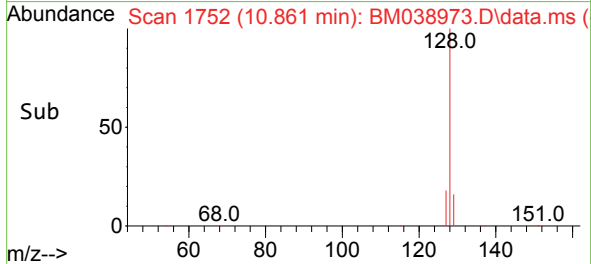
Instrument :
BNA_M
ClientSampleId :
DCAE9



Tgt Ion:128 Resp:2728165
Ion Ratio Lower Upper
128 100
129 16.4 9.1 13.7
127 18.0 10.3 15.5

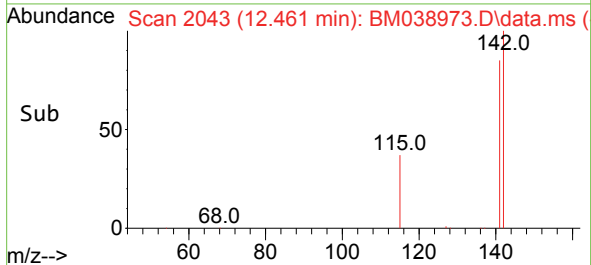
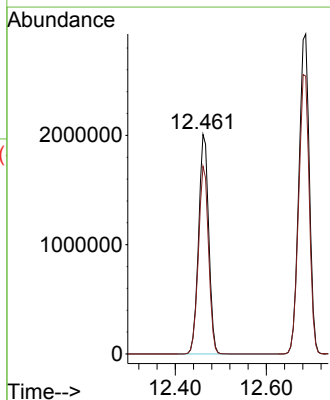
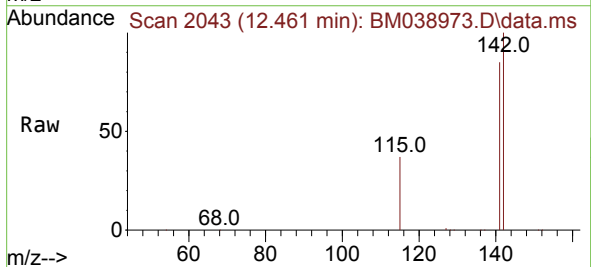
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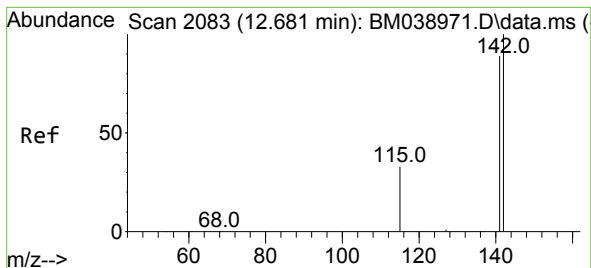
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#7
2-Methylnaphthalene
Concen: 66.165 ng/ul
RT: 12.461 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

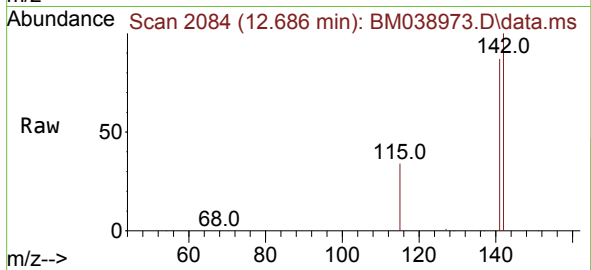
Tgt Ion:142 Resp: 3093382
Ion Ratio Lower Upper
142 100
141 85.7 69.9 104.9





#8
1-Methylnaphthalene
Concen: 95.074 ng/ul
RT: 12.686 min Scan# 2084
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

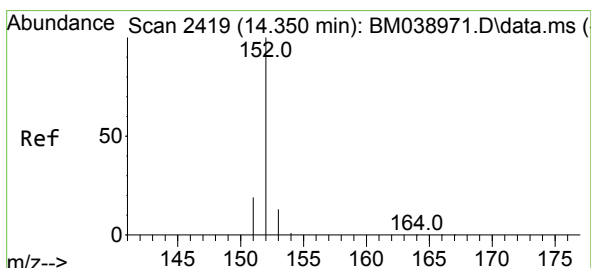
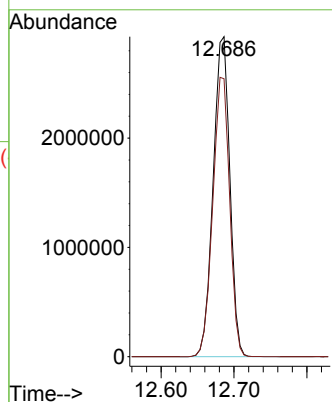
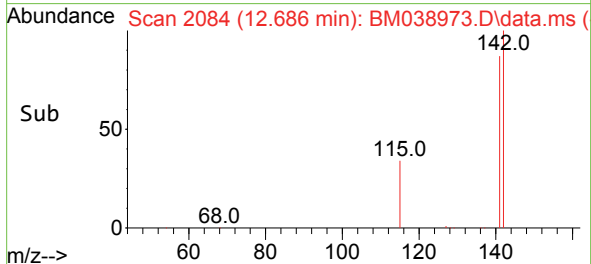
Instrument :
BNA_M
ClientSampleId :
DCAE9



Tgt Ion:142 Resp: 466331
Ion Ratio Lower Upper
142 100
141 88.2 73.5 110.3

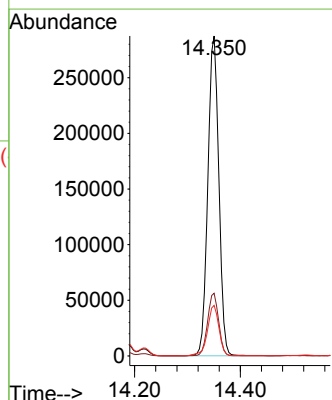
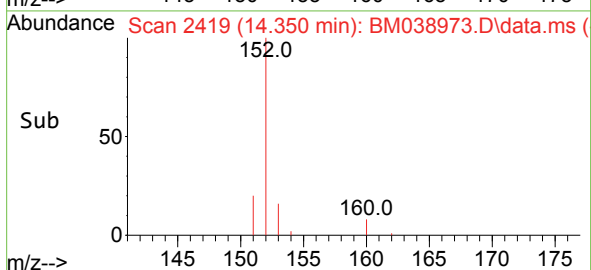
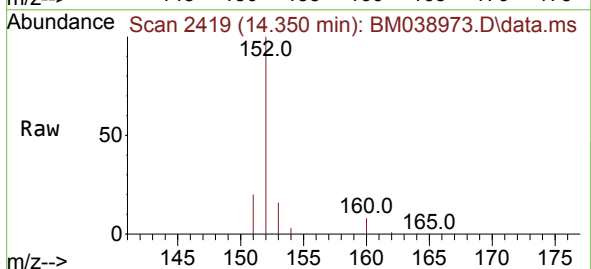
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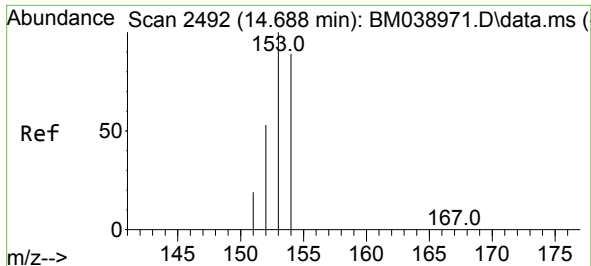
Reviewed By :Christian Giraldo 03/13/2023
Supervised By :Jagrut Upadhyay 03/13/2023



#10
Acenaphthylene
Concen: 3.802 ng/ul
RT: 14.350 min Scan# 2419
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

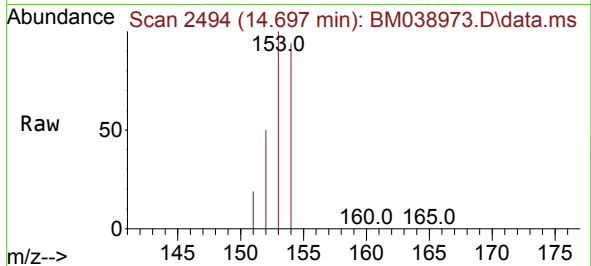
Tgt Ion:152 Resp: 414568
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 15.8 10.6 15.8





#11
Acenaphthene
Concen: 84.117 ng/ul
RT: 14.697 min Scan# 2492
Delta R.T. 0.005 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

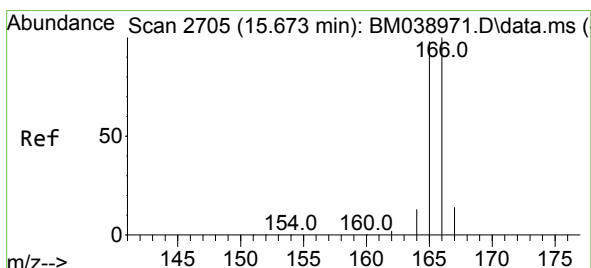
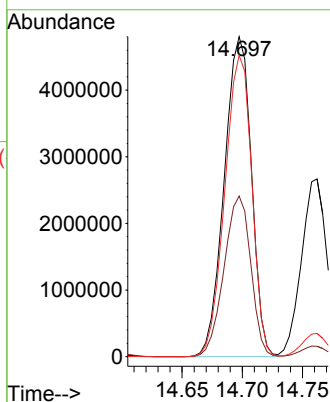
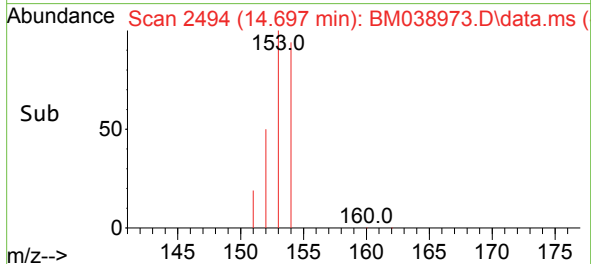
Instrument :
BNA_M
ClientSampleId :
DCAE9



Tgt Ion:153 Resp: 754376
Ion Ratio Lower Upper
153 100
152 50.2 44.2 66.2
154 94.2 70.6 105.8

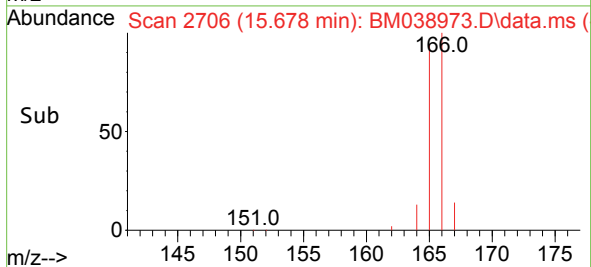
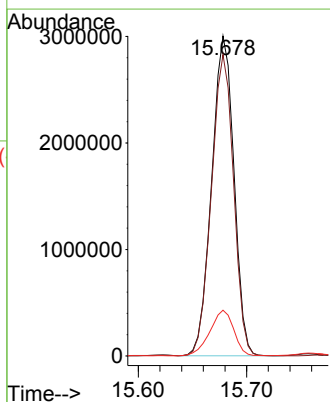
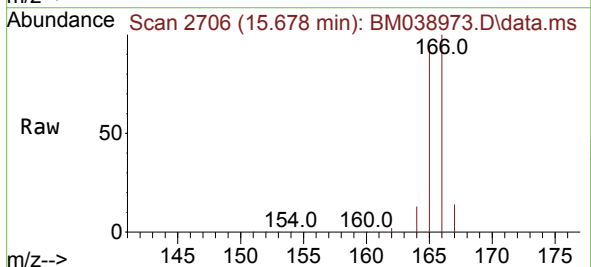
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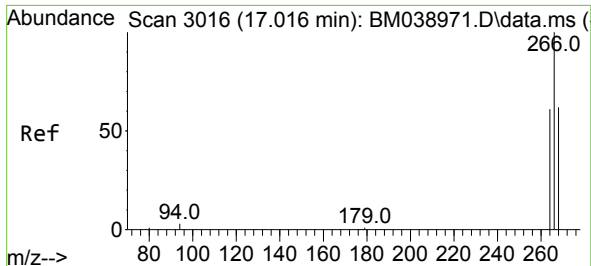
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#12
Fluorene
Concen: 42.384 ng/ul
RT: 15.678 min Scan# 2706
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

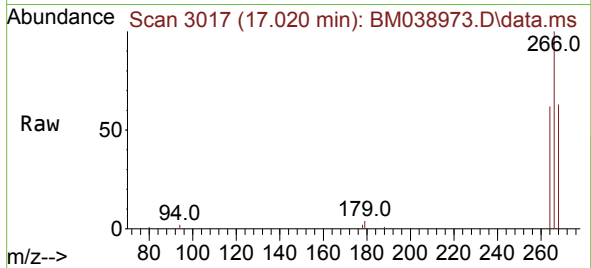
Tgt Ion:166 Resp: 4291262
Ion Ratio Lower Upper
166 100
165 94.2 77.8 116.6
167 14.3 11.4 17.2





#14
Pentachlorophenol
Concen: 11.784 ng/ul
RT: 17.020 min Scan# 3016
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

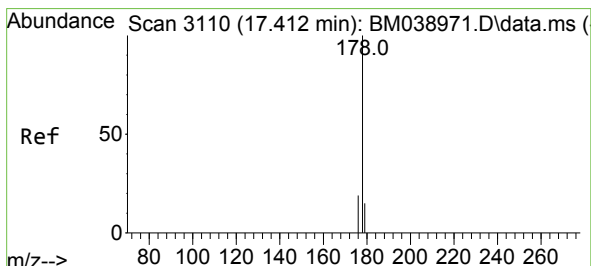
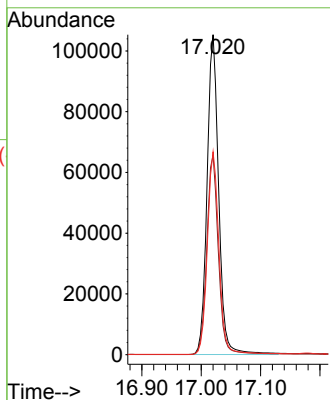
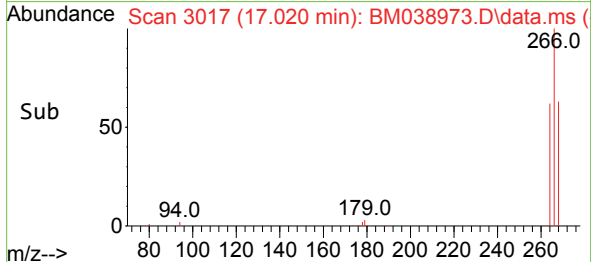
Instrument :
BNA_M
ClientSampleId :
DCAE9



Tgt Ion:266 Resp: 14274
Ion Ratio Lower Upper
266 100
264 62.7 50.2 75.2
268 63.8 50.2 75.4

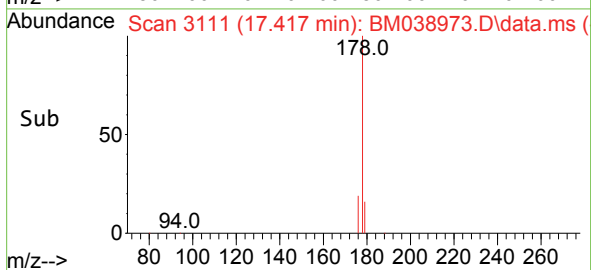
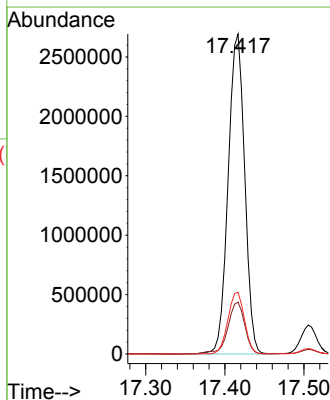
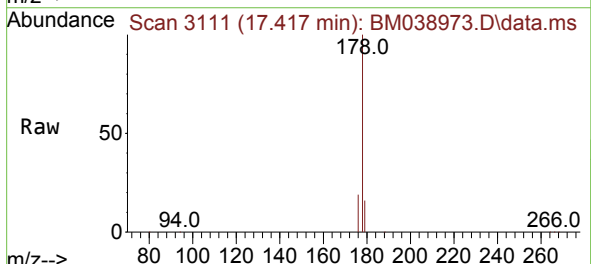
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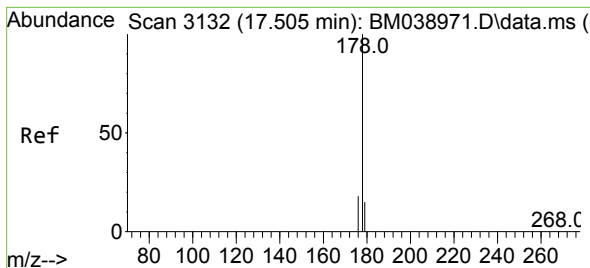
Reviewed By :Christian Giraldo 03/13/2023
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#15
Phenanthrene
Concen: 29.347 ng/ul
RT: 17.417 min Scan# 3111
Delta R.T. -0.000 min
Lab File: BM038973.D
Acq: 10 Mar 2023 10:05

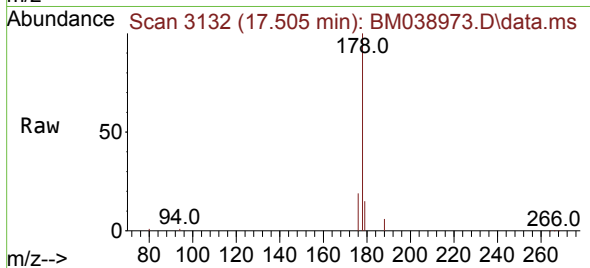
Tgt Ion:178 Resp: 3905279
Ion Ratio Lower Upper
178 100
179 16.2 12.7 19.1
176 19.2 15.9 23.9





#16
 Anthracene
 Concen: 2.979 ng/ul
 RT: 17.505 min Scan# 3132
 Delta R.T. -0.000 min
 Lab File: BM038973.D
 Acq: 10 Mar 2023 10:05

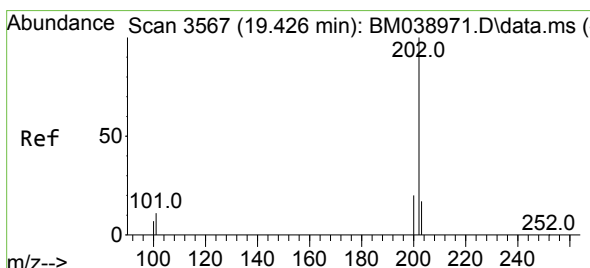
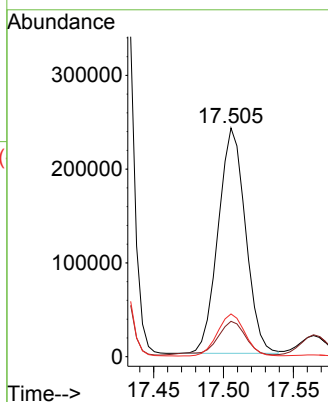
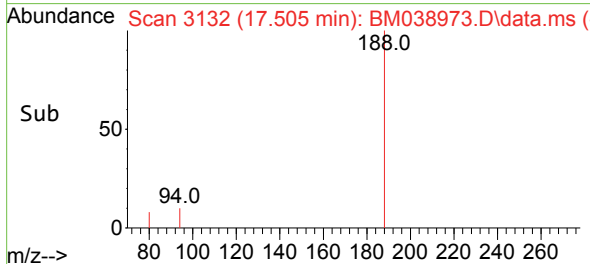
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Tgt Ion:178 Resp: 326455
 Ion Ratio Lower Upper
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 179 15.5 13.0 19.6
 176 18.7 15.4 23.2

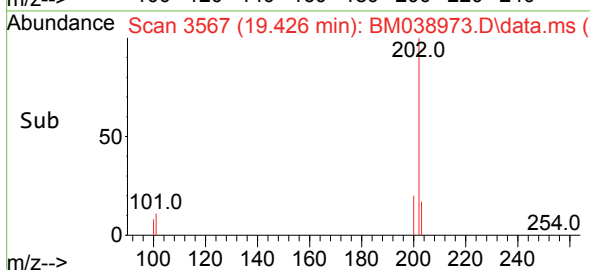
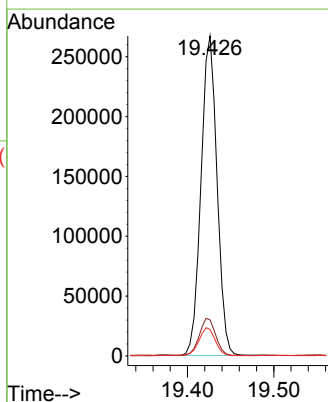
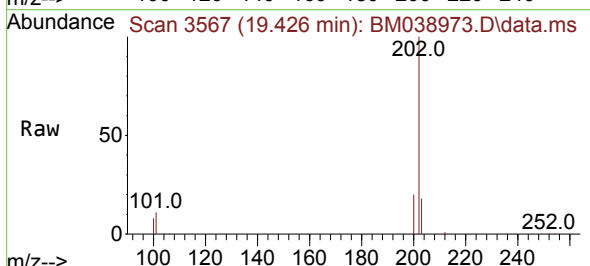
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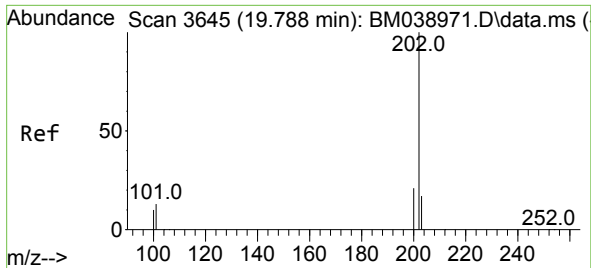
Reviewed By :Christian Giraldo 03/13/2023
 Supervised By :Jagrut Upadhyay 03/13/2023



#19
 Fluoranthene
 Concen: 2.931 ng/ul
 RT: 19.426 min Scan# 3567
 Delta R.T. -0.000 min
 Lab File: BM038973.D
 Acq: 10 Mar 2023 10:05

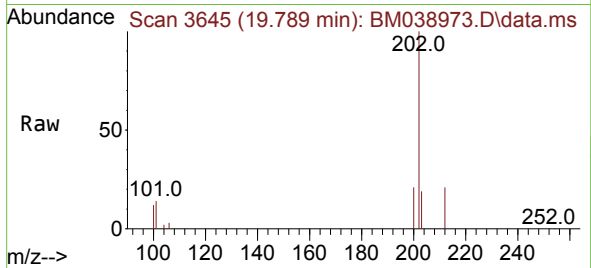
Tgt Ion:202 Resp: 344630
 Ion Ratio Lower Upper
 202 100
 101 11.3 8.9 13.3
 100 8.2 6.8 10.2





#20
 Pyrene
 Concen: 1.191 ng/ul m
 RT: 19.789 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: BM038973.D
 Acq: 10 Mar 2023 10:05

Instrument :
 BNA_M
 ClientSampleId :
 DCAE9



Tgt Ion:202 Resp: 143778
 Ion Ratio Lower Upper
 202 100
 101 14.1 11.2 16.8
 100 11.6 9.0 13.6

Manual Integrations
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