

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038311.D
 Acq On : 25 Dec 2022 18:20
 Operator : CG/JU
 Sample : N6017-22
 Misc :
 ALS Vial : 120 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYH1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022

Quant Time: Dec 25 23:56:35 2022
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 24 05:23:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	3038	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	9184	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5455	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10408	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7686	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7592	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	16009	5.180	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	5898	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	11995	0.416	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.883	128	56770	2.109	ng/ul	99
7) 2-Methylnaphthalene	12.489	142	10514	0.628	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	3858	0.225	ng/ul	100
10) Acenaphthylene	14.374	152	107313	3.564	ng/ul	100
11) Acenaphthene	14.717	153	6069	0.282	ng/ul	98
12) Fluorene	15.698	166	9546	0.410	ng/ul	98
15) Phenanthrene	17.434	178	233750	6.711	ng/ul	99
16) Anthracene	17.527	178	92281	2.759	ng/ul	99
19) Fluoranthene	19.445	202	1059641	25.164	ng/ul	96
20) Pyrene	19.808	202	862768	20.277	ng/ul	96
21) Benzo(a)anthracene	21.547	228	533560	15.827	ng/ul	96
22) Chrysene	21.603	228	520848	15.873	ng/ul	98
24) Benzo(b)fluoranthene	23.263	252	702468	20.904	ng/ul	86
25) Benzo(k)fluoranthene	23.304	252	228454m	7.077	ng/ul	
26) Benzo(a)pyrene	23.903	252	441525	15.058	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	26.562	276	340911	8.383	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.569	278	88668m	2.806	ng/ul	
29) Benzo(g,h,i)perylene	27.357	276	331691	9.693	ng/ul#	92

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

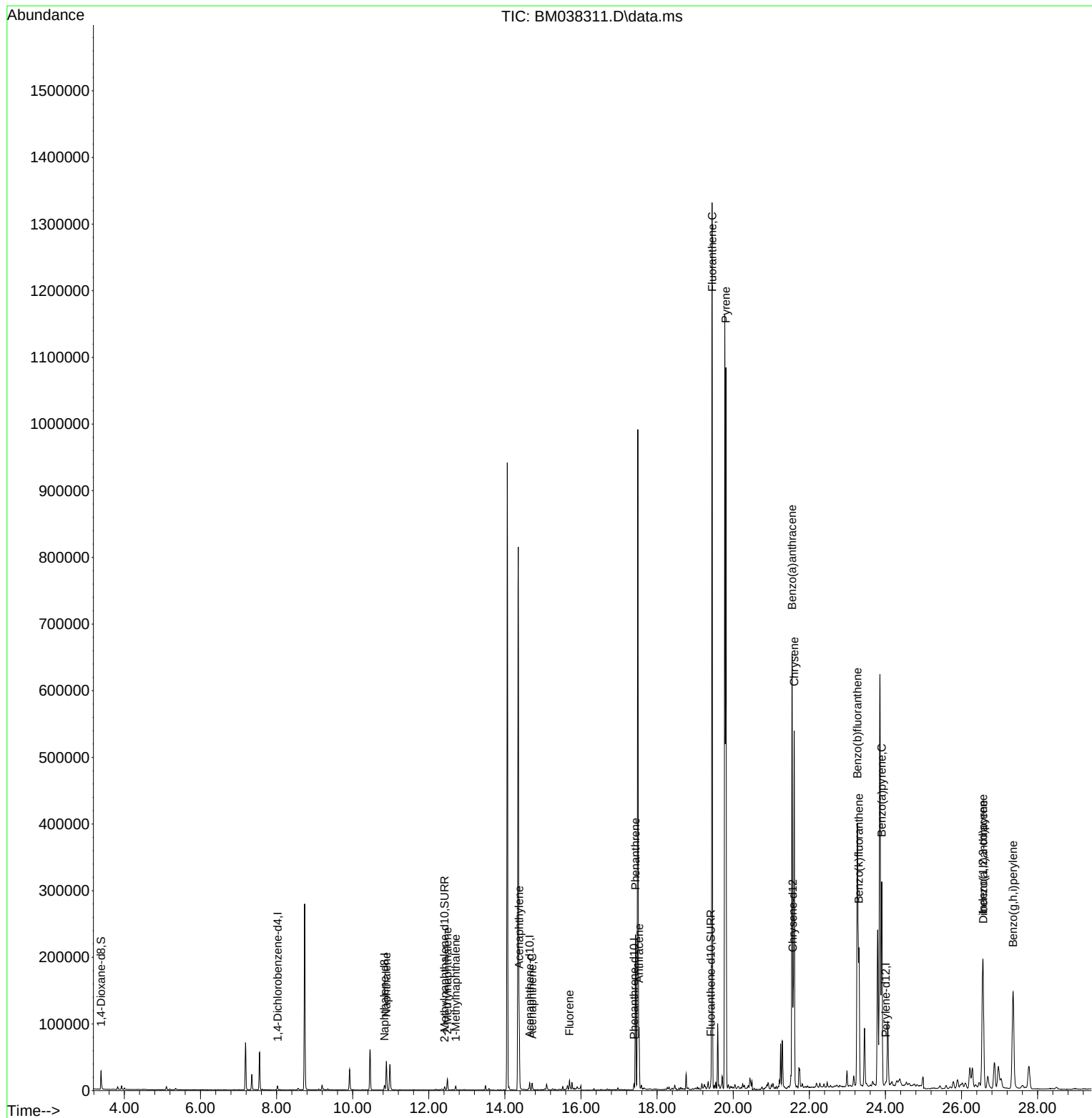
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
Data File : BM038311.D
Acq On : 25 Dec 2022 18:20
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ALS Vial : 120 Sample Multiplier: 1

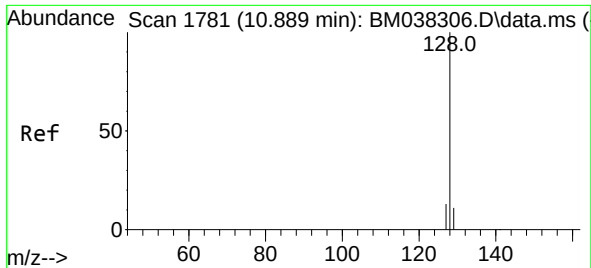
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Quant Time: Dec 25 23:56:35 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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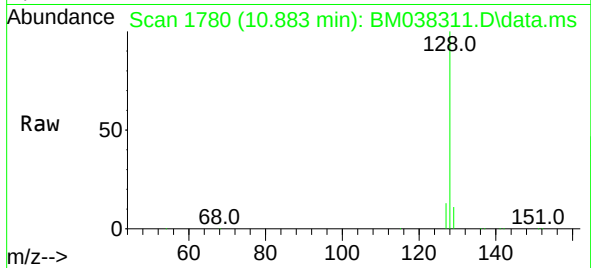
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#5
Naphthalene
Concen: 2.109 ng/ul
RT: 10.883 min Scan# 1781
Delta R.T. -0.011 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

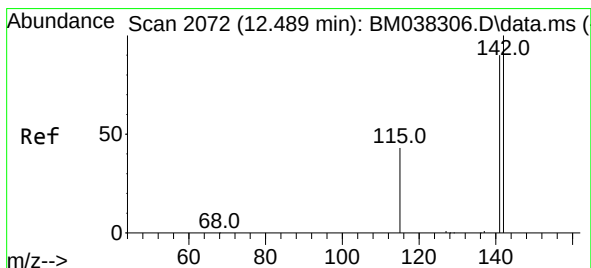
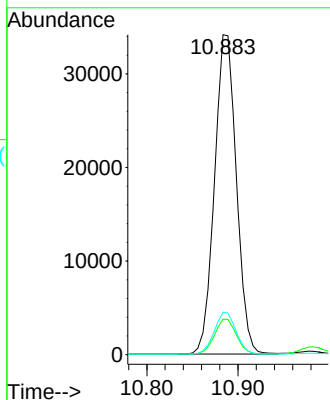
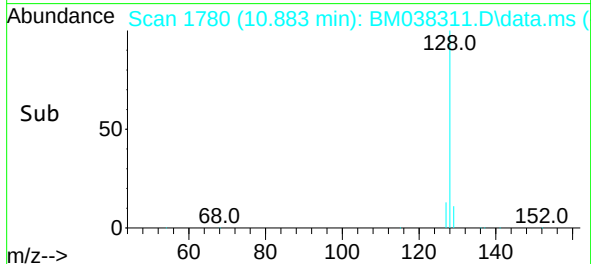
Instrument :
BNA_M
ClientSampleId :
DBYH1



Tgt Ion:128 Resp: 56770
Ion Ratio Lower Upper
128 100
129 11.1 9.4 14.0
127 13.2 10.7 16.1

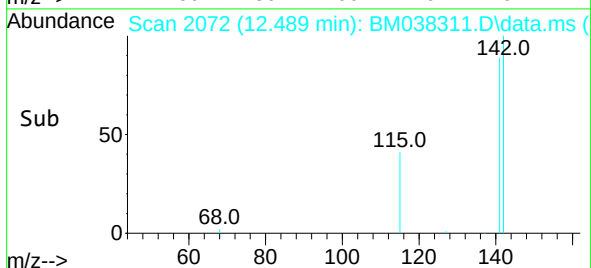
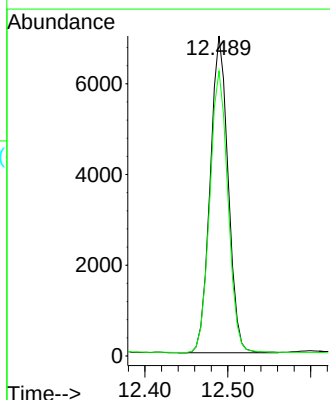
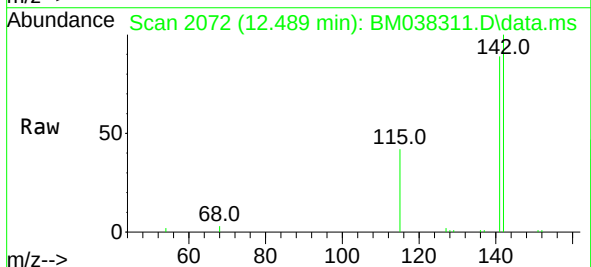
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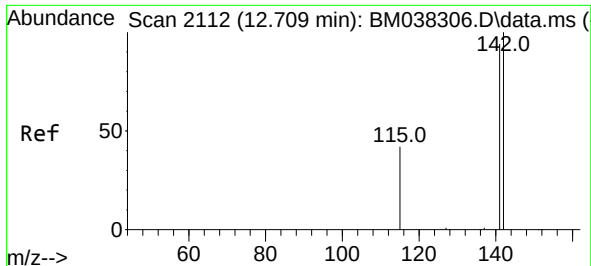
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.628 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

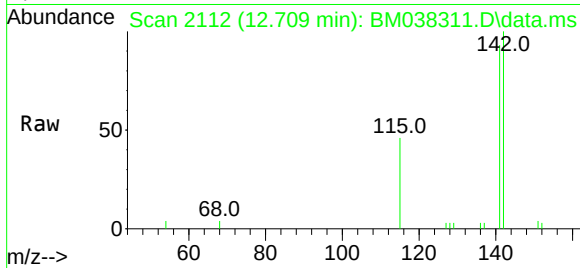
Tgt Ion:142 Resp: 10514
Ion Ratio Lower Upper
142 100
141 90.4 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.225 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

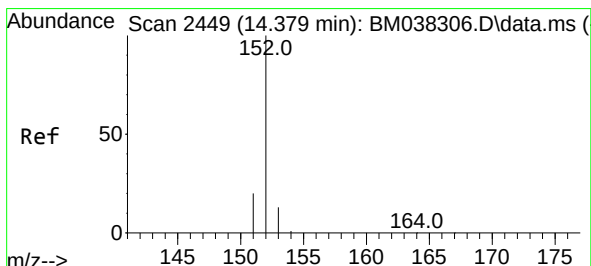
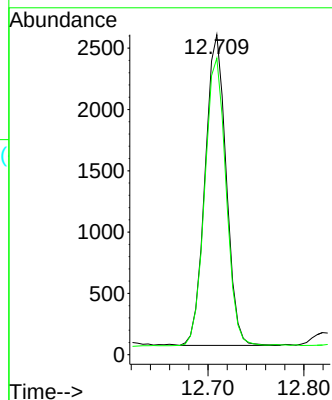
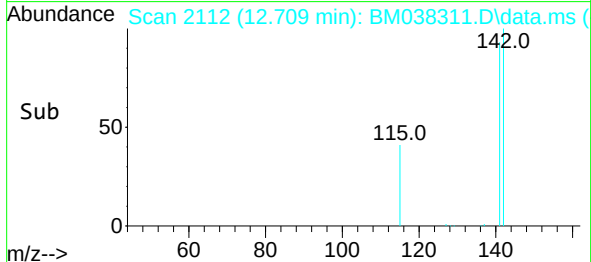
Instrument :
BNA_M
ClientSampleId :
DBYH1



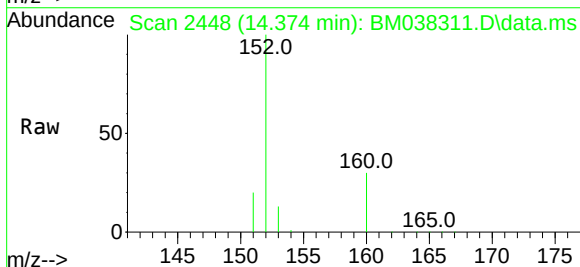
Tgt Ion:142 Resp: 385
Ion Ratio Lower Upper
142 100
141 93.8 74.7 112.1

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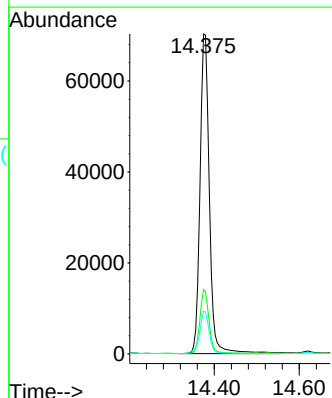
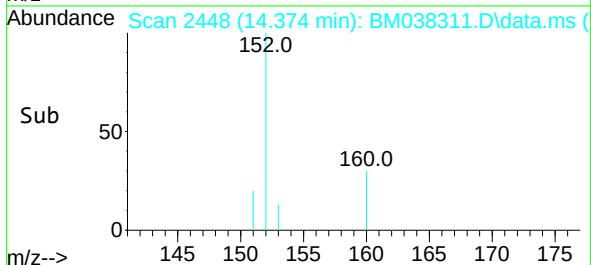
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

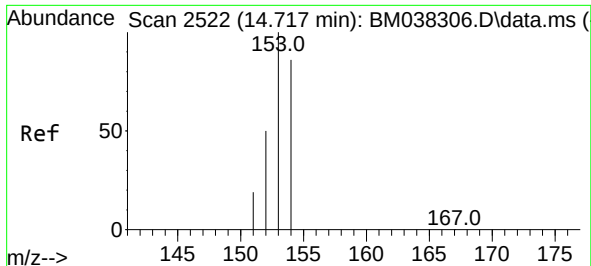


#10
Acenaphthylene
Concen: 3.564 ng/ul
RT: 14.374 min Scan# 2448
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20



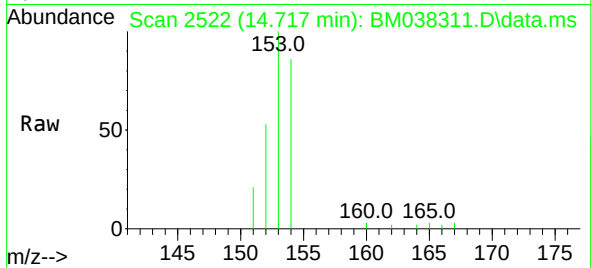
Tgt Ion:152 Resp: 107313
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.2
153 13.3 10.7 16.1





#11
Acenaphthene
Concen: 0.282 ng/ul
RT: 14.717 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

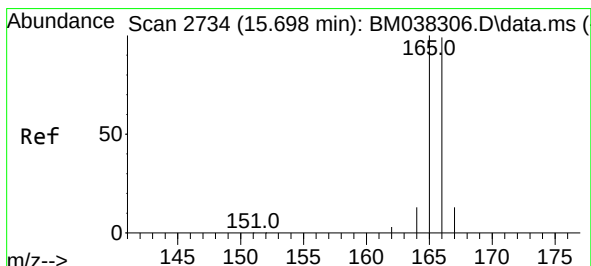
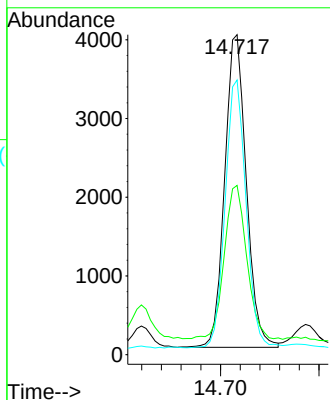
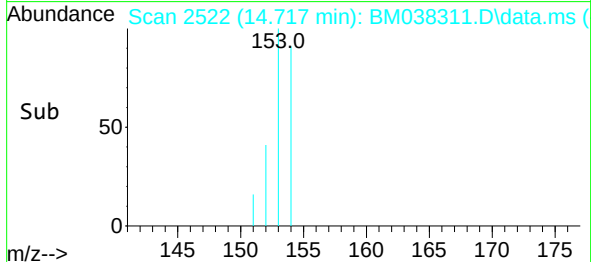
Instrument :
BNA_M
ClientSampleId :
DBYH1



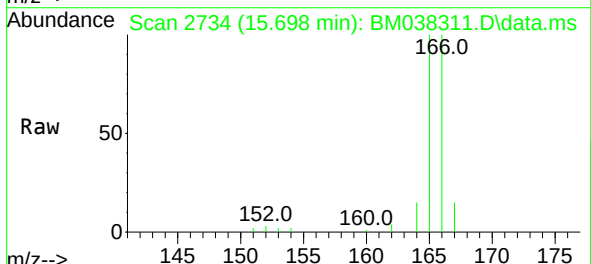
Tgt Ion:153 Resp: 6069
Ion Ratio Lower Upper
153 100
152 52.9 39.4 59.0
154 85.9 69.0 103.4

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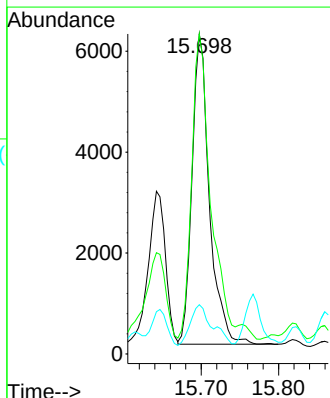
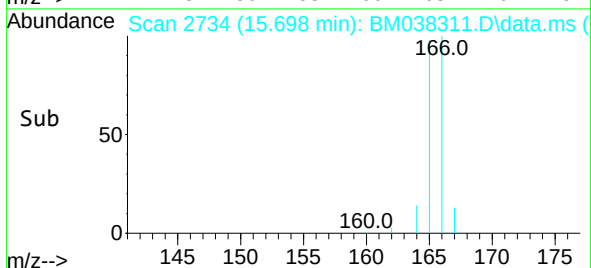
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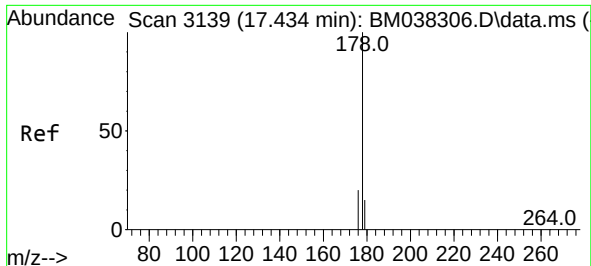


#12
Fluorene
Concen: 0.410 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20



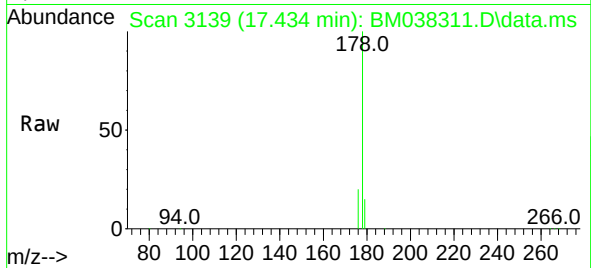
Tgt Ion:166 Resp: 9546
Ion Ratio Lower Upper
166 100
165 100.1 79.0 118.6
167 15.4 11.0 16.6





#15
Phenanthrene
Concen: 6.711 ng/uI
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

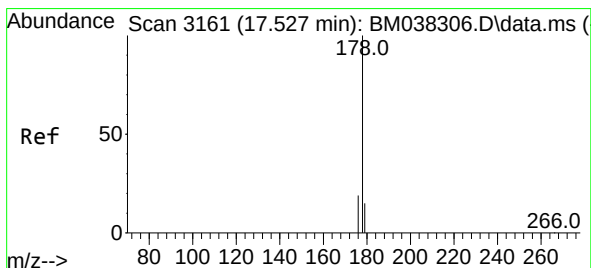
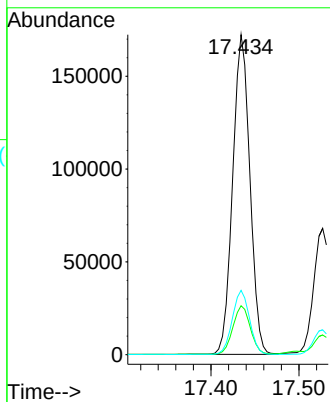
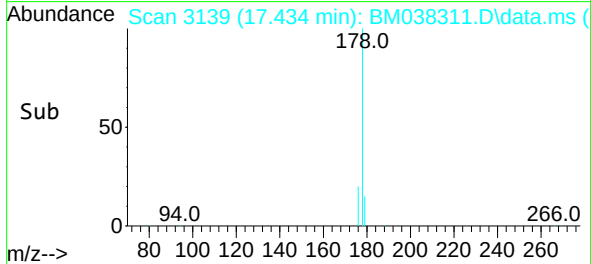
Instrument :
BNA_M
ClientSampleId :
DBYH1



Tgt Ion:178 Resp: 233750
Ion Ratio Lower Upper
178 100
179 15.3 13.0 19.4
176 20.1 16.2 24.4

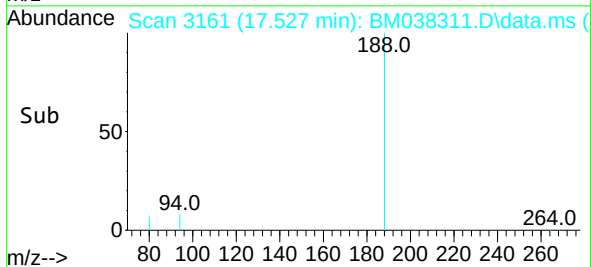
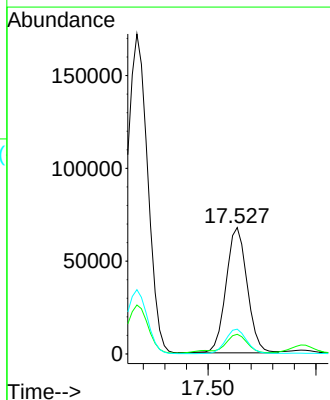
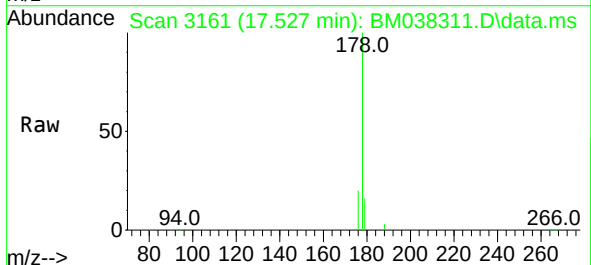
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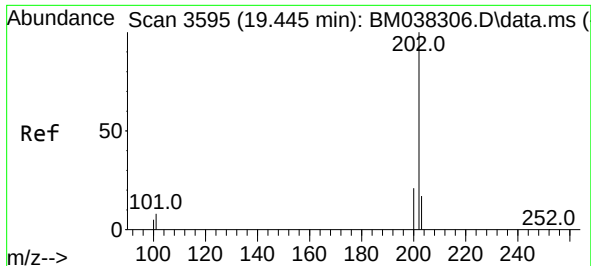
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#16
Anthracene
Concen: 2.759 ng/uI
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

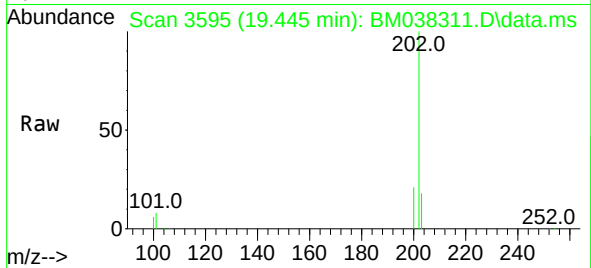
Tgt Ion:178 Resp: 92281
Ion Ratio Lower Upper
178 100
179 15.6 13.0 19.6
176 19.6 15.6 23.4





#19
Fluoranthene
Concen: 25.164 ng/u1
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

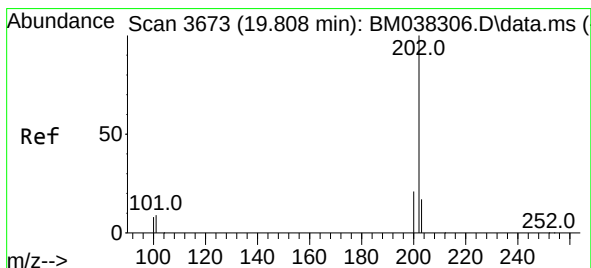
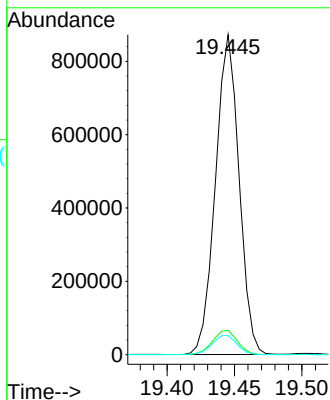
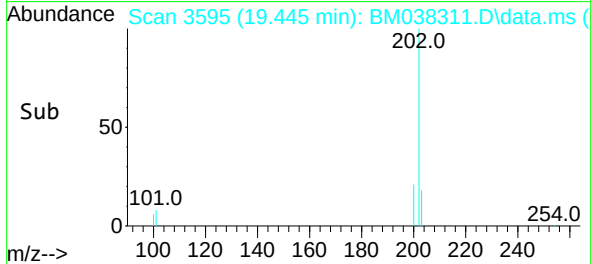
Instrument :
BNA_M
ClientSampleId :
DBYH1



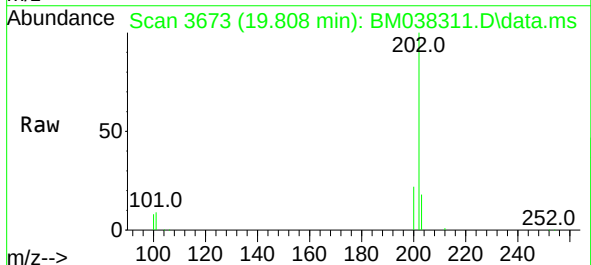
Tgt Ion:202 Resp: 105964
Ion Ratio Lower Upper
202 100
101 7.6 7.5 11.3
100 6.0 5.6 8.4

Manual Integrations
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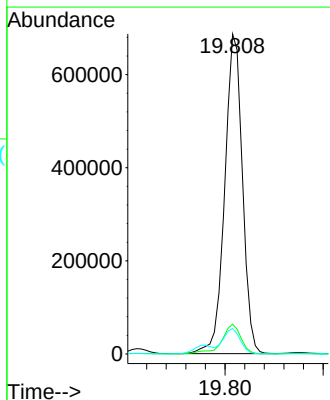
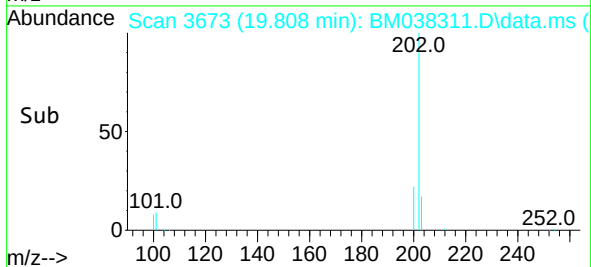
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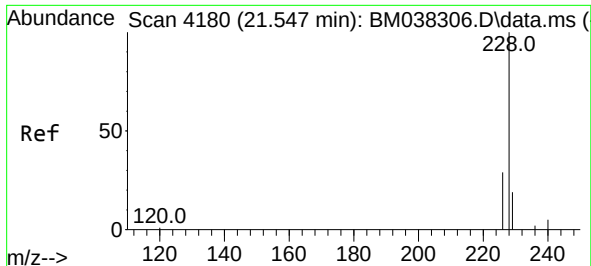


#20
Pyrene
Concen: 20.277 ng/u1
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20



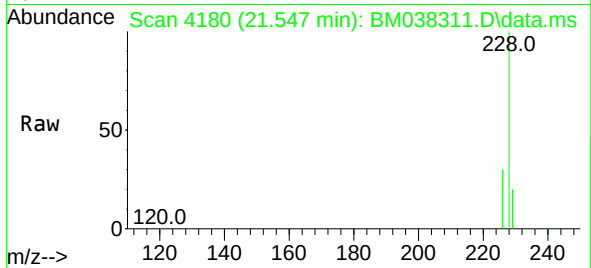
Tgt Ion:202 Resp: 862768
Ion Ratio Lower Upper
202 100
101 9.3 8.9 13.3
100 8.0 7.4 11.0





#21
Benzo(a)anthracene
Concen: 15.827 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

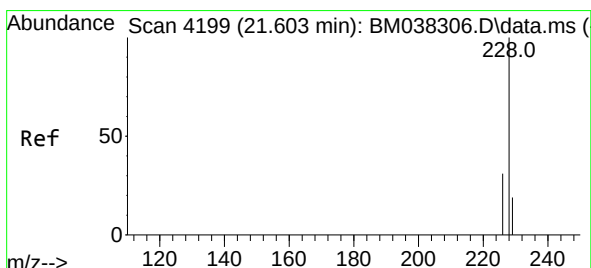
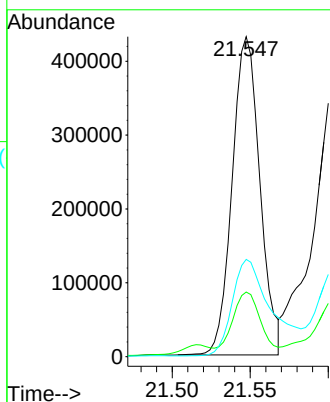
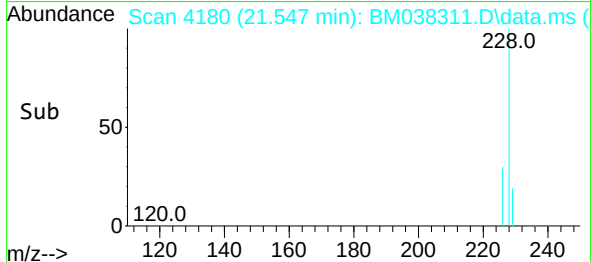
Instrument :
BNA_M
ClientSampleId :
DBYH1



Tgt Ion:228 Resp: 533560
Ion Ratio Lower Upper
228 100
229 20.2 15.5 23.3
226 30.4 22.2 33.2

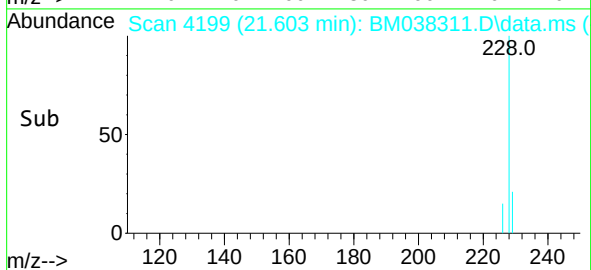
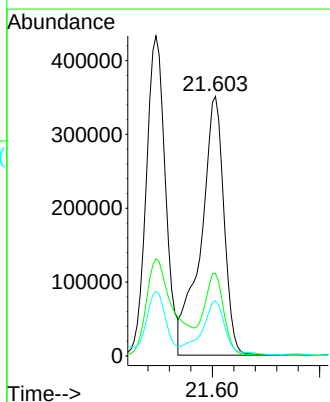
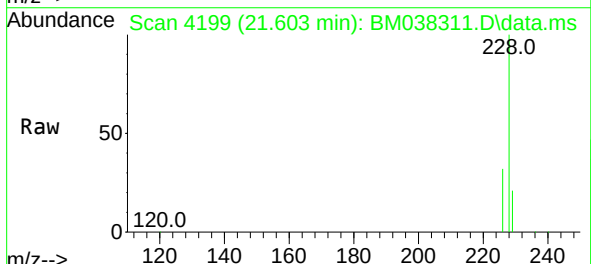
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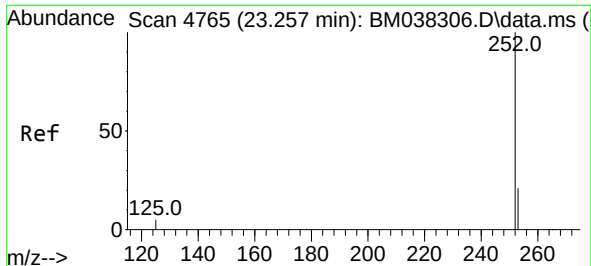
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#22
Chrysene
Concen: 15.873 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

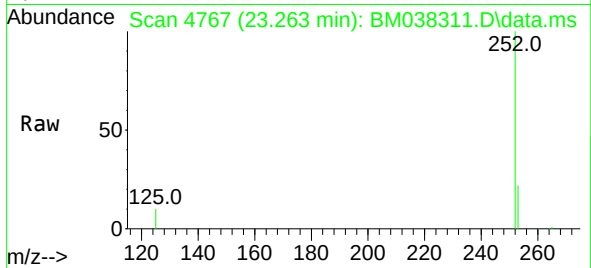
Tgt Ion:228 Resp: 520848
Ion Ratio Lower Upper
228 100
226 31.8 25.0 37.4
229 21.3 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 20.904 ng/ul
RT: 23.263 min Scan# 4767
Delta R.T. -0.003 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

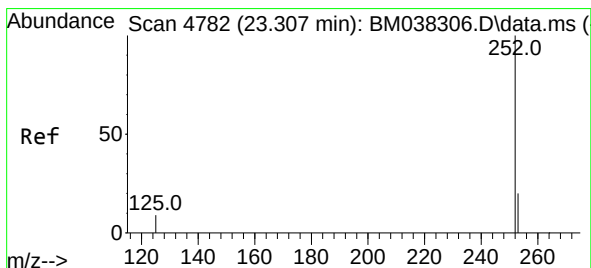
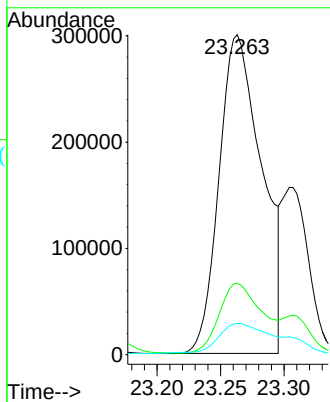
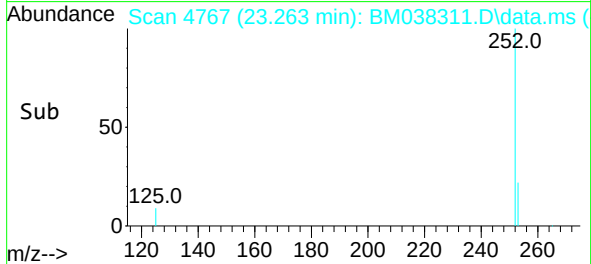
Instrument :
BNA_M
ClientSampleId :
DBYH1



Tgt Ion:252 Resp: 702468
Ion Ratio Lower Upper
252 100
253 22.4 0.0 56.0
125 9.8 0.0 36.6

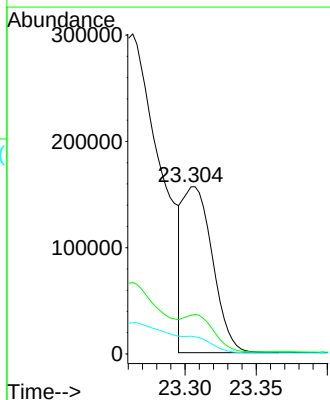
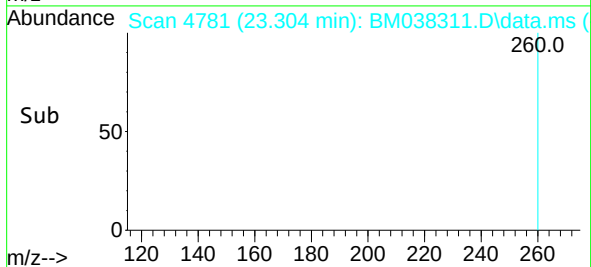
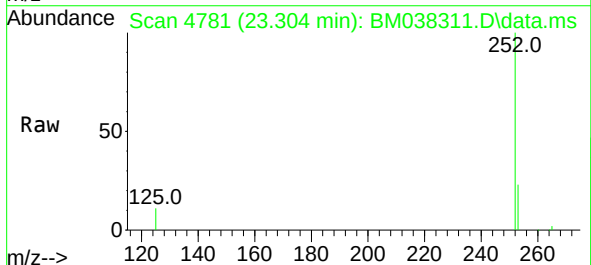
Manual Integrations
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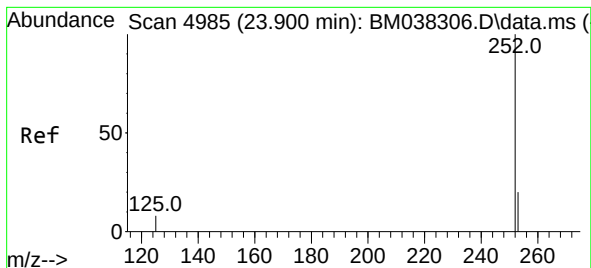
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 7.077 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. -0.009 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

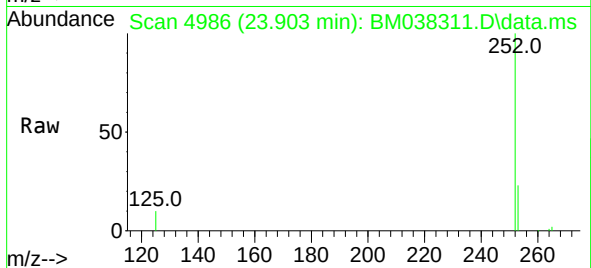
Tgt Ion:252 Resp: 228454
Ion Ratio Lower Upper
252 100
253 23.1 22.5 33.7
125 10.6 14.4 21.6#





#26
Benzo(a)pyrene
Concen: 15.058 ng/ul
RT: 23.903 min Scan# 4986
Delta R.T. -0.003 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

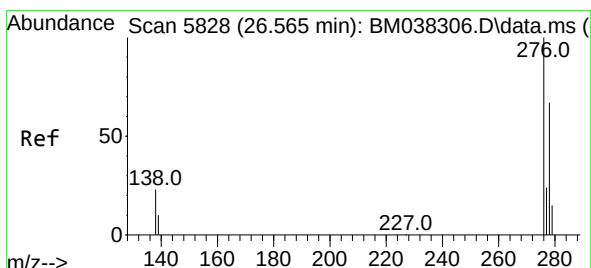
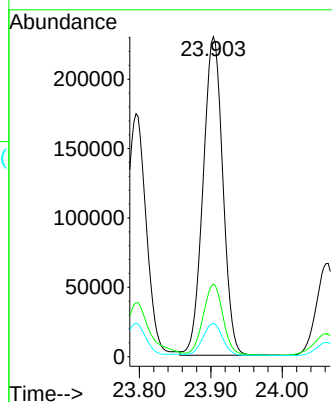
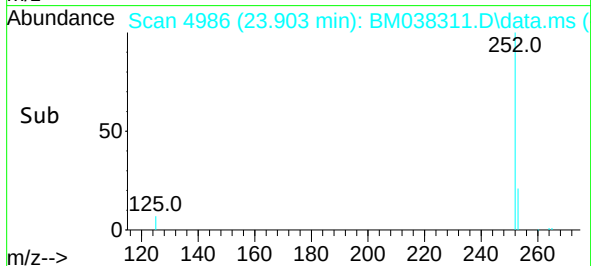
Instrument :
BNA_M
ClientSampleId :
DBYH1



Tgt Ion:252 Resp: 441529
Ion Ratio Lower Upper
252 100
253 22.8 24.2 36.4#
125 10.3 17.3 25.9#

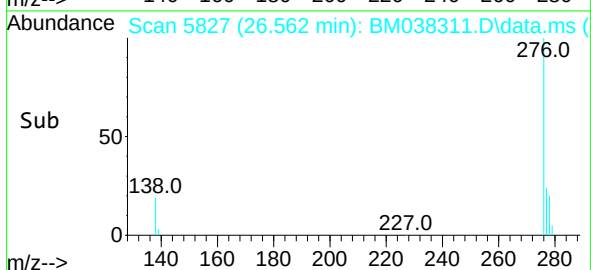
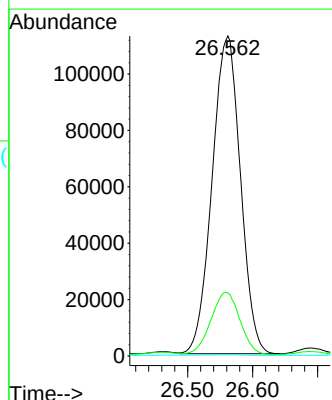
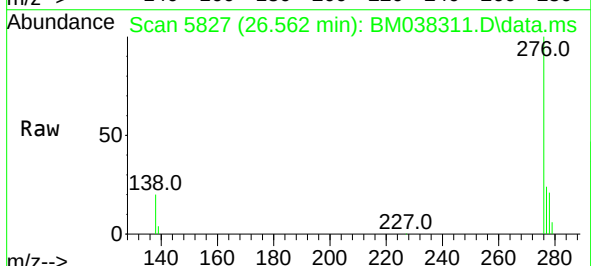
Manual Integrations
APPROVED

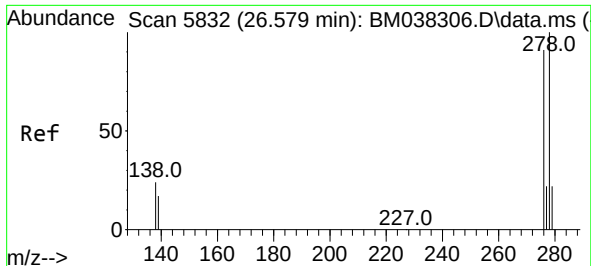
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#27
Indeno(1,2,3-cd)pyrene
Concen: 8.383 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038311.D
Acq: 25 Dec 2022 18:20

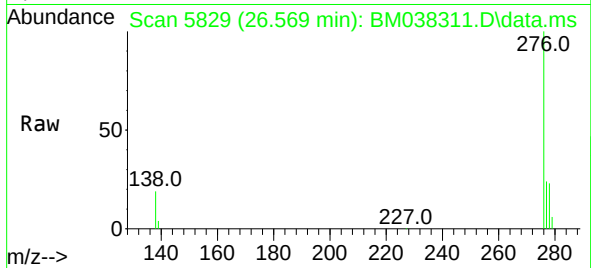
Tgt Ion:276 Resp: 340911
Ion Ratio Lower Upper
276 100
138 20.1 21.7 32.5#
227 0.2 0.0 0.0#





#28
 Dibenzo(a,h)anthracene
 Concen: 2.806 ng/ul m
 RT: 26.569 min Scan# 5832
 Delta R.T. -0.020 min
 Lab File: BM038311.D
 Acq: 25 Dec 2022 18:20

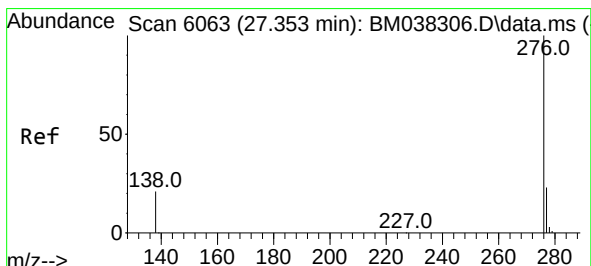
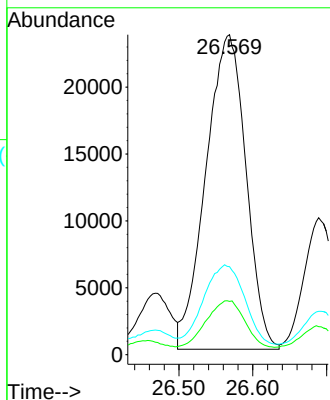
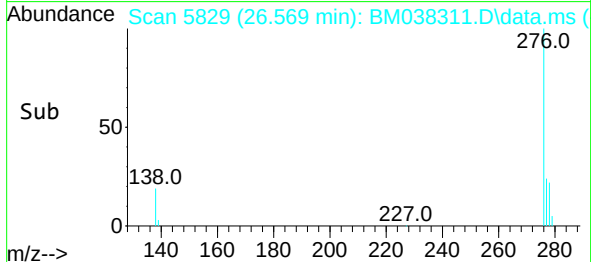
Instrument :
 BNA_M
 ClientSampleId :
 DBYH1



Tgt Ion:278 Resp: 8866
 Ion Ratio Lower Upper
 278 100
 139 16.6 16.8 25.2
 279 27.5 23.4 35.2

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/26/2022
 Supervised By :Sohil Jodhani 12/26/2022



#29
 Benzo(g,h,i)perylene
 Concen: 9.693 ng/ul
 RT: 27.357 min Scan# 6064
 Delta R.T. -0.003 min
 Lab File: BM038311.D
 Acq: 25 Dec 2022 18:20

Tgt Ion:276 Resp: 331691
 Ion Ratio Lower Upper
 276 100
 138 20.3 20.8 31.2
 277 23.6 20.5 30.7

