

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038302.D
 Acq On : 25 Dec 2022 10:40
 Operator : CG/JU
 Sample : N6018-20DL 5X
 Misc :
 ALS Vial : 111 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYK5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 25 23:55:12 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	2990	0.400	ng/ul	0.00
4) Naphthalene-d8	10.840	136	9089	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.652	164	5292	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.392	188	10496	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	7267	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7234	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	2679	0.881	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	781	0.058	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	1527	0.056	ng/ul	0.00
Target Compounds					Qvalue	
5) Naphthalene	10.889	128	4163	0.156	ng/ul	96
7) 2-Methylnaphthalene	12.489	142	750	0.045	ng/ul	99
8) 1-Methylnaphthalene	12.709	142	353	0.021	ng/ul	98
10) Acenaphthylene	14.375	152	7109	0.243	ng/ul	97
11) Acenaphthene	14.717	153	715	0.034	ng/ul	96
12) Fluorene	15.698	166	1013	0.045	ng/ul#	92
15) Phenanthrene	17.434	178	22409	0.638	ng/ul	99
16) Anthracene	17.527	178	6206	0.184	ng/ul	97
19) Fluoranthene	19.445	202	74546	1.872	ng/ul	96
20) Pyrene	19.808	202	58269m	1.448	ng/ul	
21) Benzo(a)anthracene	21.548	228	35520	1.114	ng/ul	96
22) Chrysene	21.600	228	35267	1.137	ng/ul	98
24) Benzo(b)fluoranthene	23.260	252	49440	1.544	ng/ul	92
25) Benzo(k)fluoranthene	23.304	252	14961m	0.486	ng/ul	
26) Benzo(a)pyrene	23.898	252	30812	1.103	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.559	276	23752	0.613	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.565	278	5686	0.189	ng/ul#	80
29) Benzo(g,h,i)perylene	27.350	276	23058	0.707	ng/ul	96

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

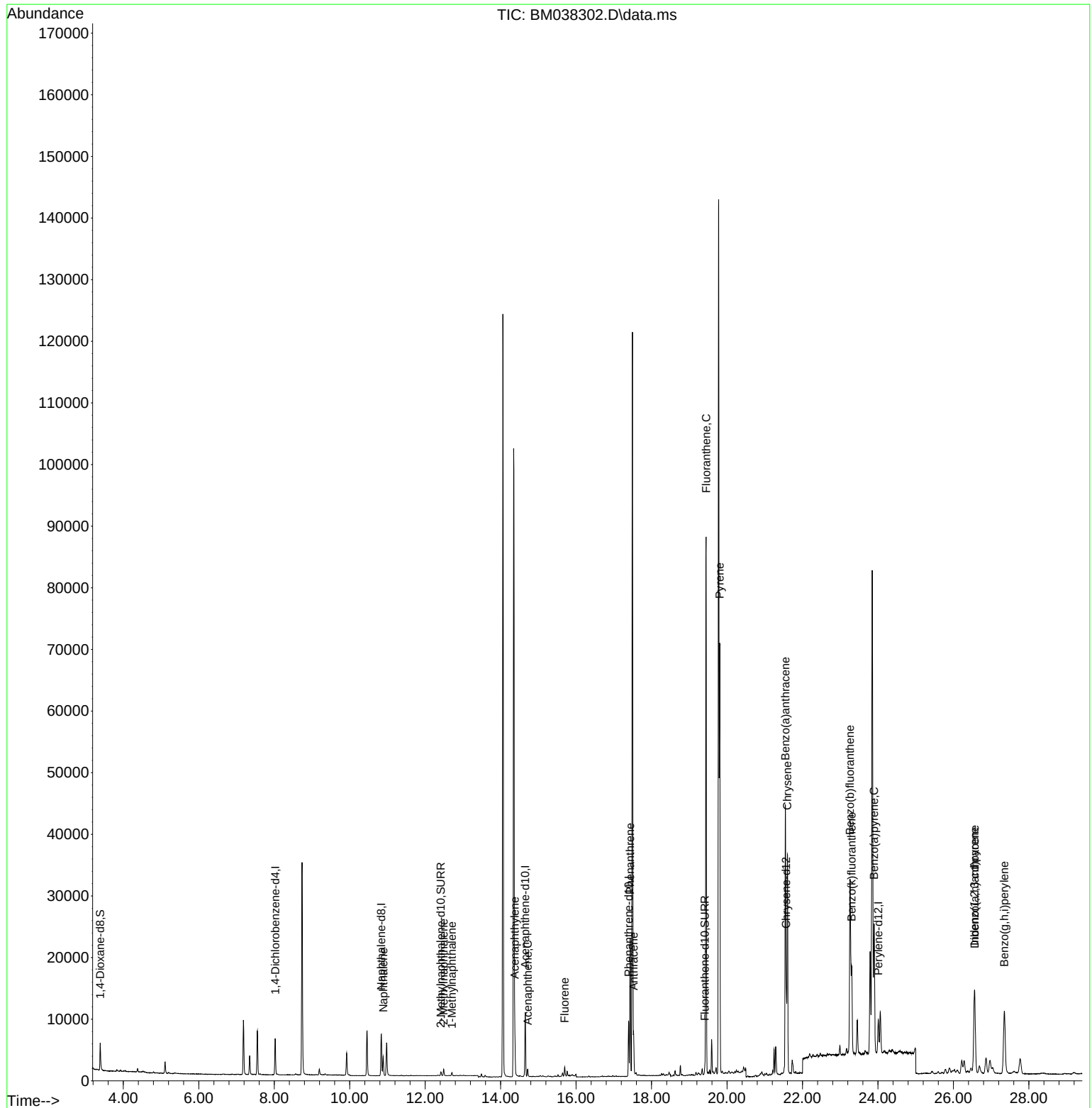
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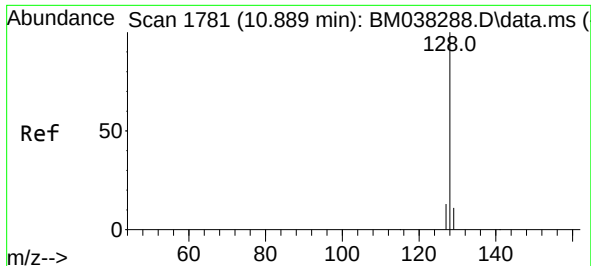
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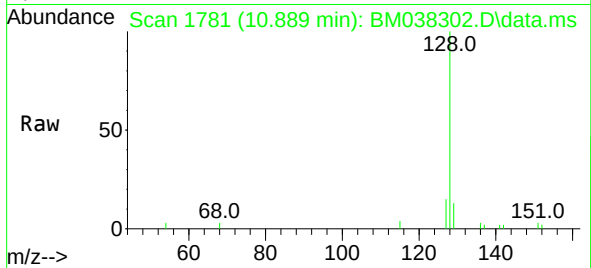
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022





#5
Naphthalene
Concen: 0.156 ng/ul
RT: 10.889 min Scan# 1781
Delta R.T. -0.005 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

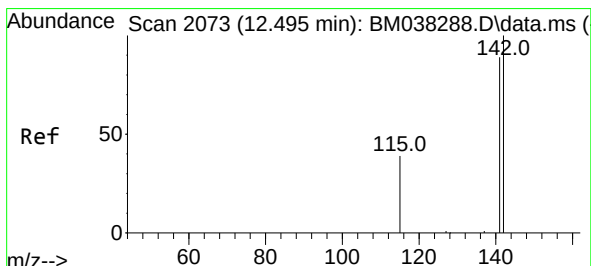
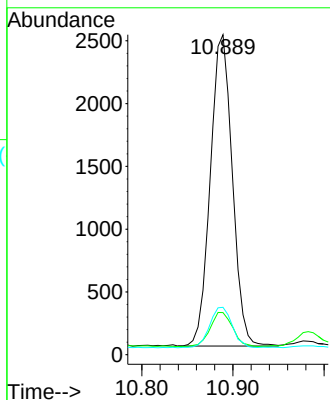
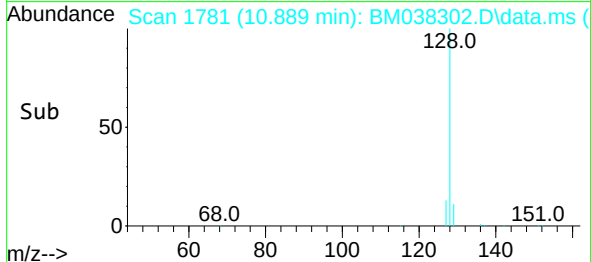
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



Tgt Ion:128 Resp: 416
Ion Ratio Lower Upper
128 100
129 13.2 9.4 14.0
127 14.8 10.7 16.1

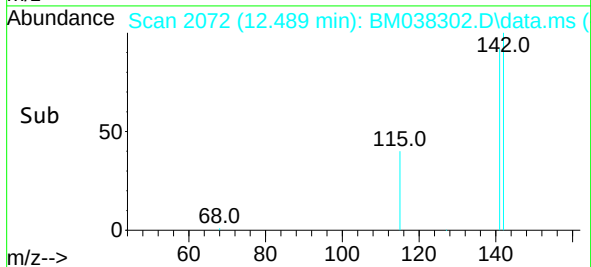
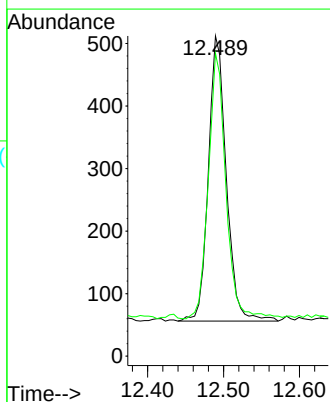
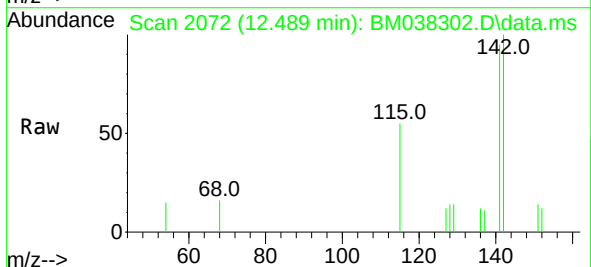
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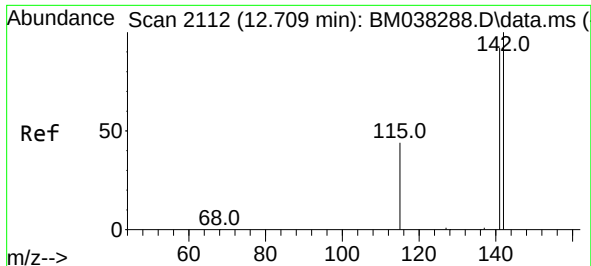
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Supervised By :Sohil Jodhani 12/26/2022



#7
2-Methylnaphthalene
Concen: 0.045 ng/ul
RT: 12.489 min Scan# 2072
Delta R.T. -0.005 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

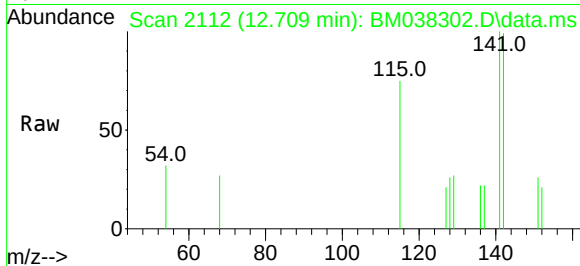
Tgt Ion:142 Resp: 750
Ion Ratio Lower Upper
142 100
141 90.9 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.021 ng/ul
RT: 12.709 min Scan# 2112
Delta R.T. -0.005 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

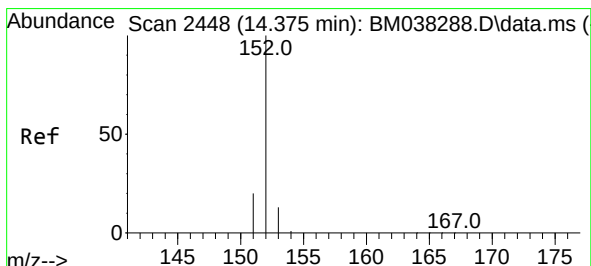
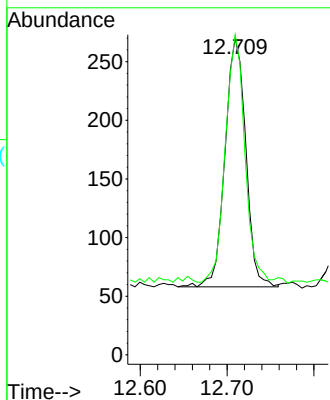
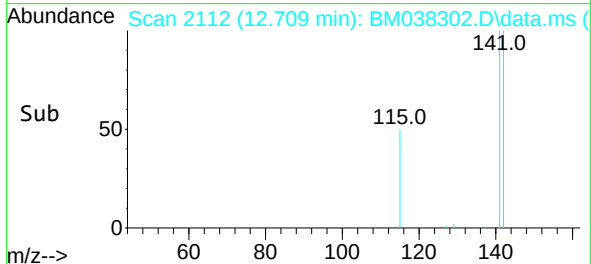
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



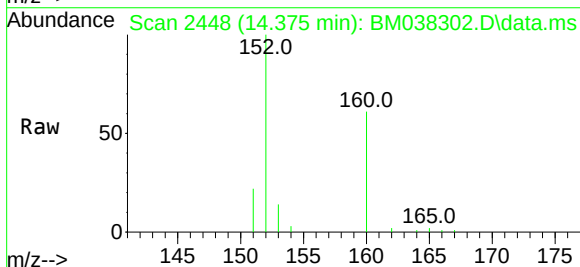
Tgt Ion:142 Resp: 35
Ion Ratio Lower Upper
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141 95.5 74.7 112.1

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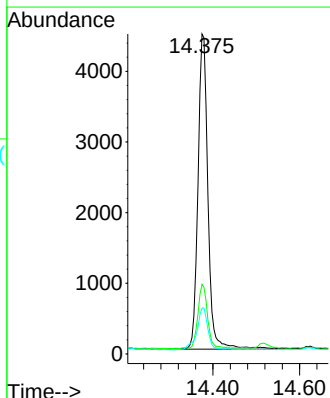
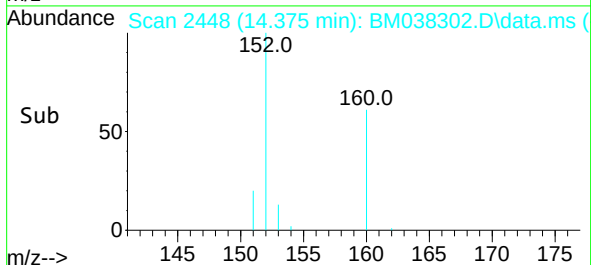
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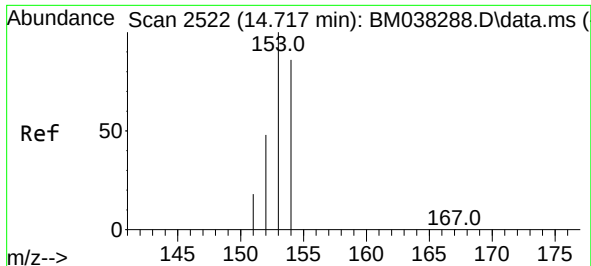


#10
Acenaphthylene
Concen: 0.243 ng/ul
RT: 14.375 min Scan# 2448
Delta R.T. -0.004 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40



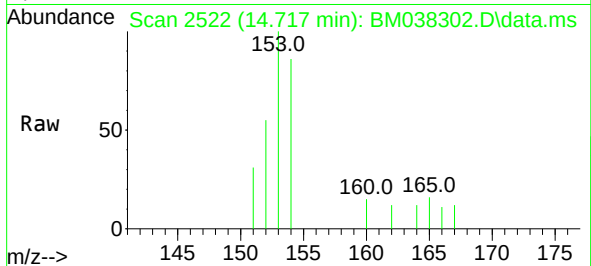
Tgt Ion:152 Resp: 7109
Ion Ratio Lower Upper
152 100
151 21.8 16.2 24.2
153 14.4 10.7 16.1





#11
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.717 min Scan# 2522
Delta R.T. -0.004 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

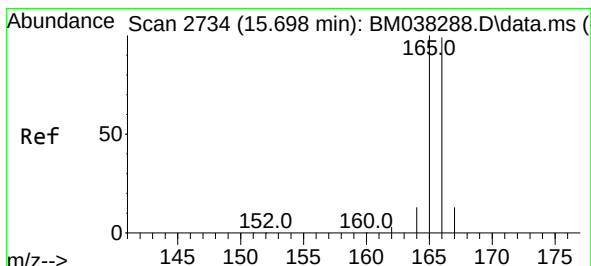
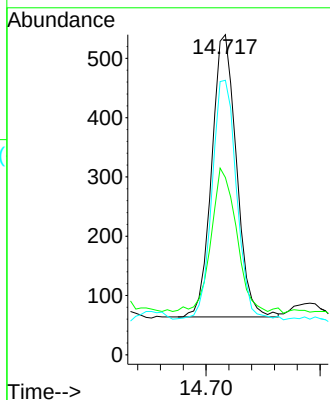
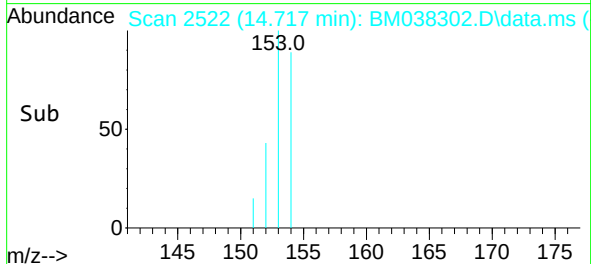
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



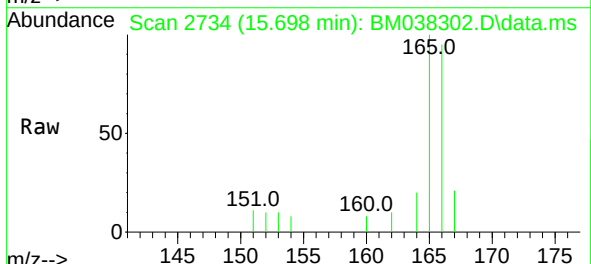
Tgt Ion:153 Resp: 715
Ion Ratio Lower Upper
153 100
152 55.4 39.4 59.0
154 85.7 69.0 103.4

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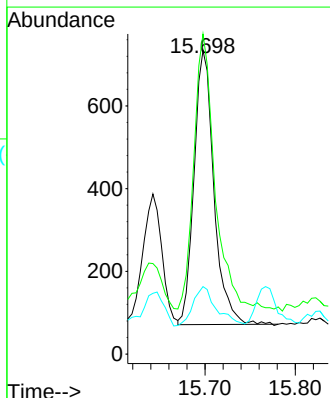
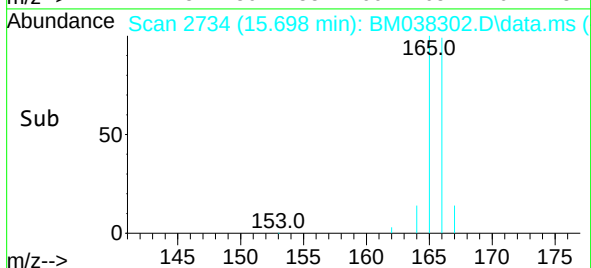
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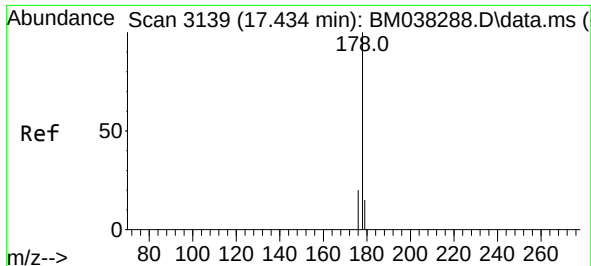


#12
Fluorene
Concen: 0.045 ng/ul
RT: 15.698 min Scan# 2734
Delta R.T. -0.004 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40



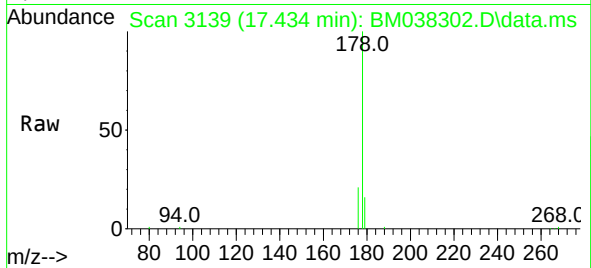
Tgt Ion:166 Resp: 1013
Ion Ratio Lower Upper
166 100
165 105.4 79.0 118.6
167 22.2 11.0 16.6#





#15
Phenanthrene
Concen: 0.638 ng/ul
RT: 17.434 min Scan# 3139
Delta R.T. -0.004 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

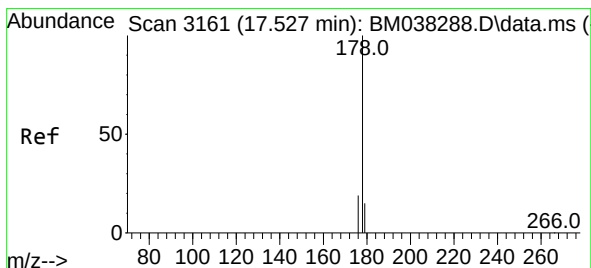
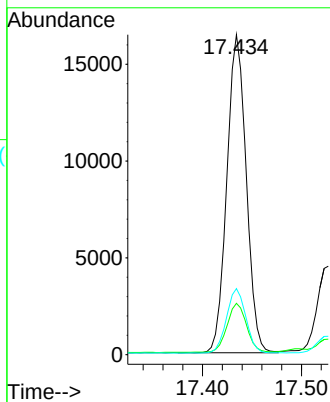
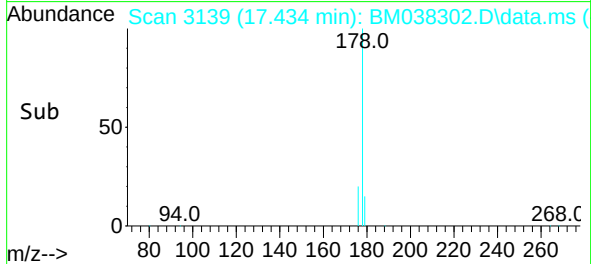
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



Tgt Ion:178 Resp: 22409
Ion Ratio Lower Upper
178 100
179 16.1 13.0 19.4
176 20.6 16.2 24.4

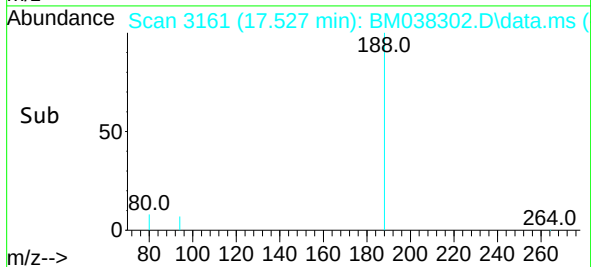
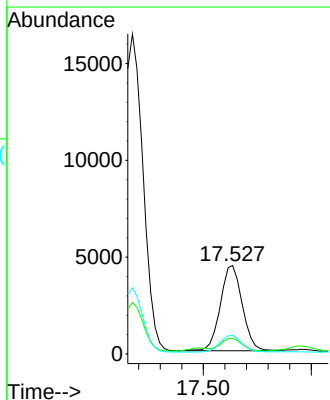
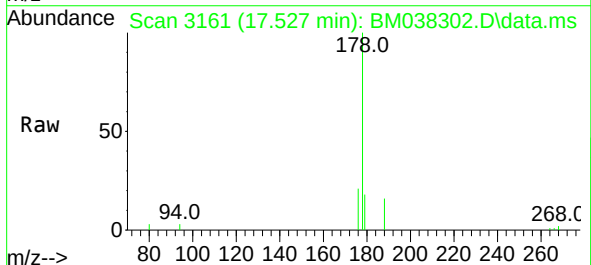
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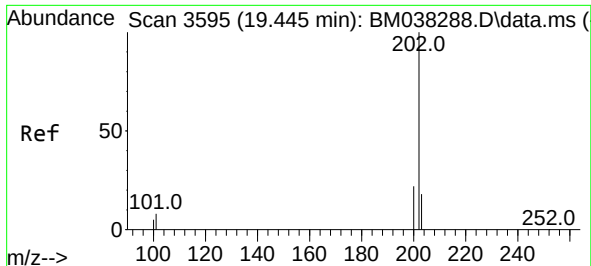
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#16
Anthracene
Concen: 0.184 ng/ul
RT: 17.527 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

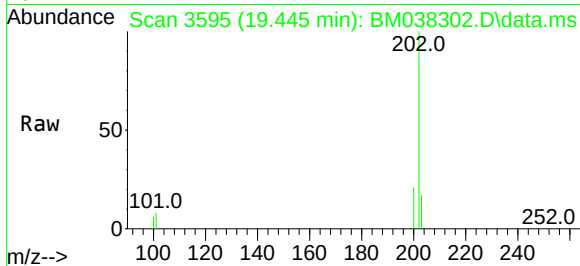
Tgt Ion:178 Resp: 6206
Ion Ratio Lower Upper
178 100
179 17.6 13.0 19.6
176 20.7 15.6 23.4





#19
Fluoranthene
Concen: 1.872 ng/ul
RT: 19.445 min Scan# 3595
Delta R.T. -0.005 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

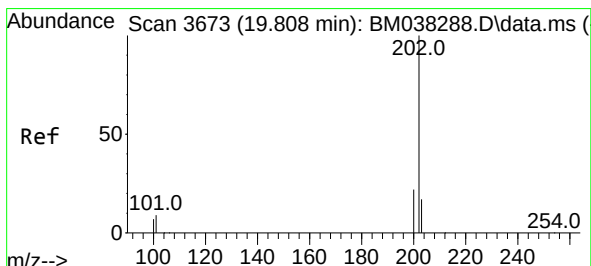
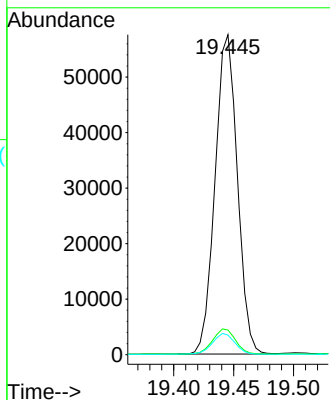
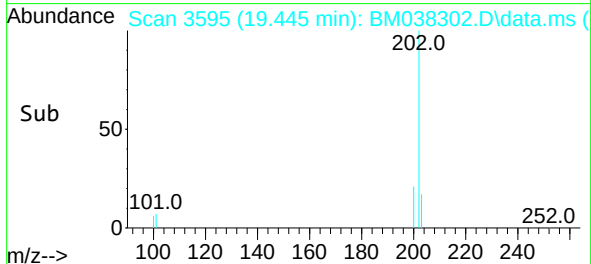
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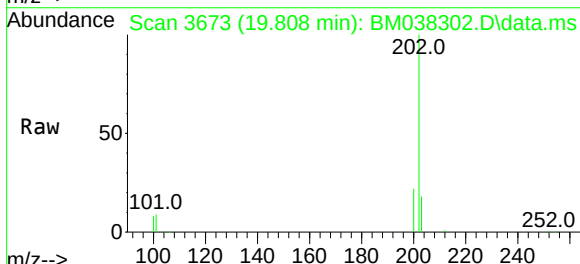
Tgt Ion:202 Resp: 74540
Ion Ratio Lower Upper
202 100
101 7.7 7.5 11.3
100 6.1 5.6 8.4

Manual Integrations
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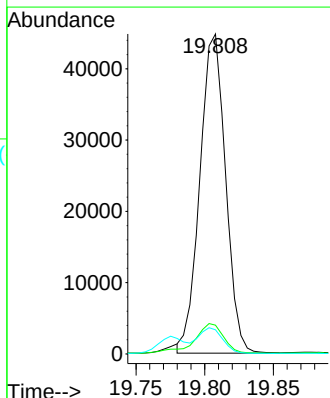
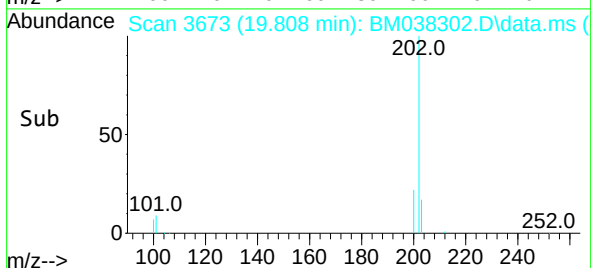
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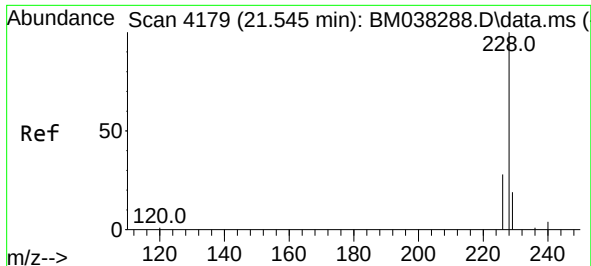


#20
Pyrene
Concen: 1.448 ng/ul m
RT: 19.808 min Scan# 3673
Delta R.T. -0.005 min
Lab File: BM038302.D
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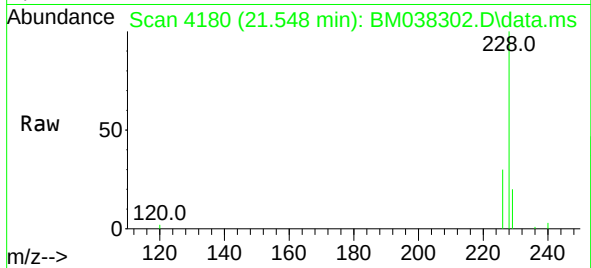
Tgt Ion:202 Resp: 58269
Ion Ratio Lower Upper
202 100
101 9.0 8.9 13.3
100 7.5 7.4 11.0





#21
Benzo(a)anthracene
Concen: 1.114 ng/ul
RT: 21.548 min Scan# 4179
Delta R.T. -0.003 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

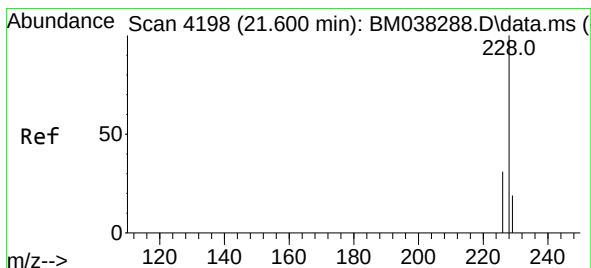
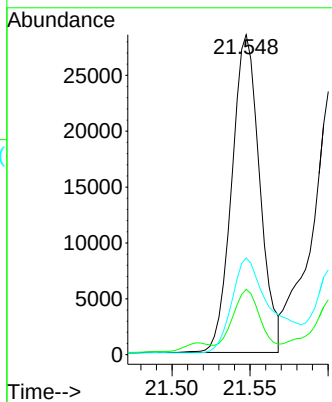
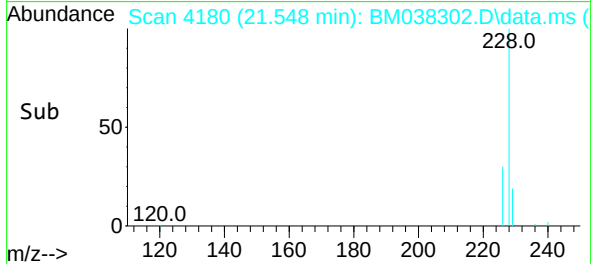
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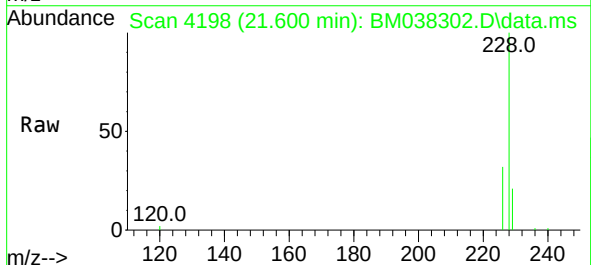
Tgt Ion:228 Resp: 35520
Ion Ratio Lower Upper
228 100
229 20.4 15.5 23.3
226 30.2 22.2 33.2

Manual Integrations
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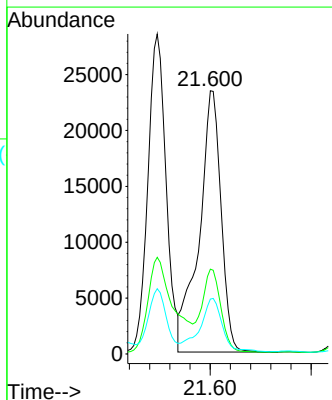
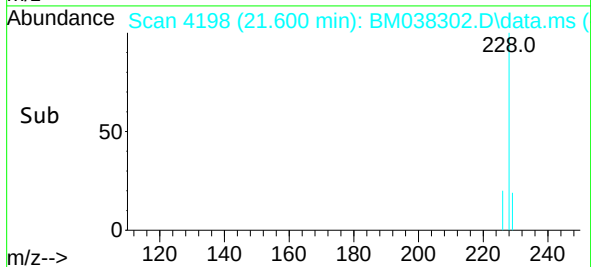
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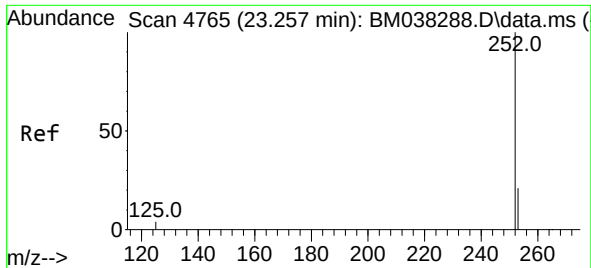


#22
Chrysene
Concen: 1.137 ng/ul
RT: 21.600 min Scan# 4198
Delta R.T. -0.006 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40



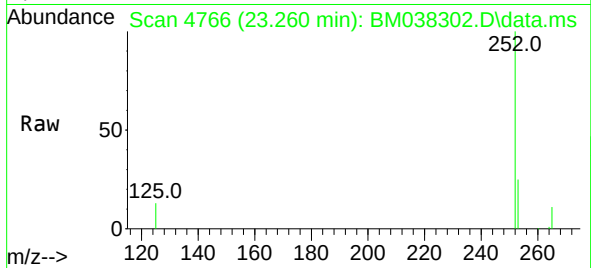
Tgt Ion:228 Resp: 35267
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.4
229 20.8 16.0 24.0





#24
Benzo(b)fluoranthene
Concen: 1.544 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

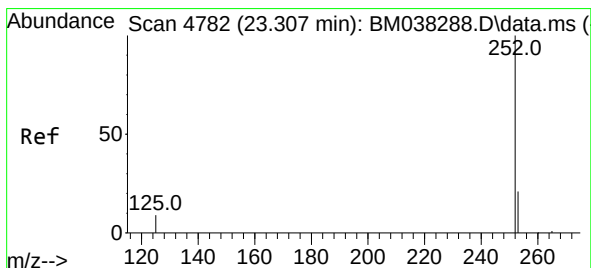
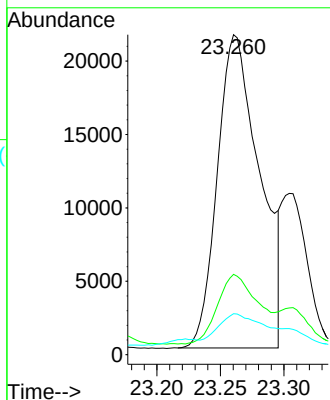
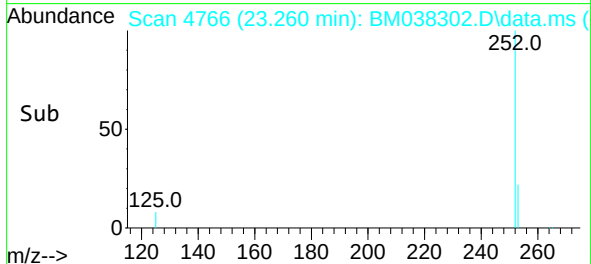
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



Tgt Ion:252 Resp: 49440
Ion Ratio Lower Upper
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253 25.1 0.0 56.0
125 12.8 0.0 36.6

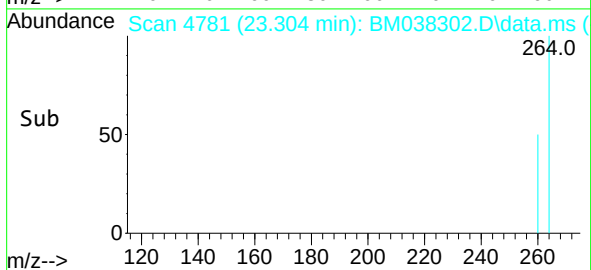
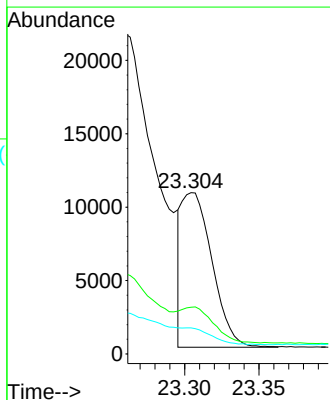
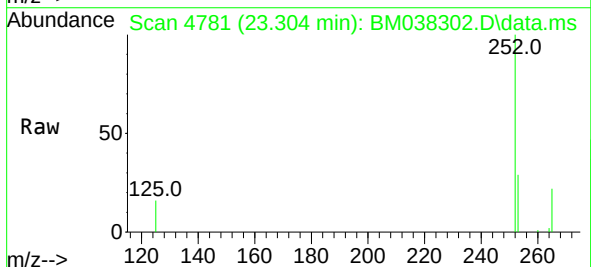
Manual Integrations
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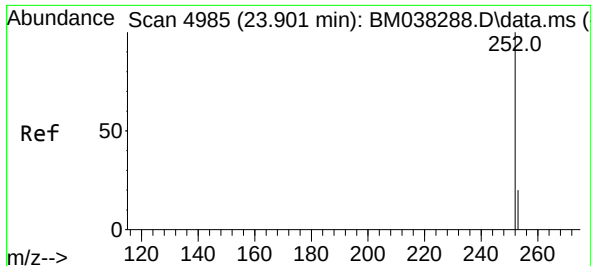
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022



#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul m
RT: 23.304 min Scan# 4781
Delta R.T. -0.009 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

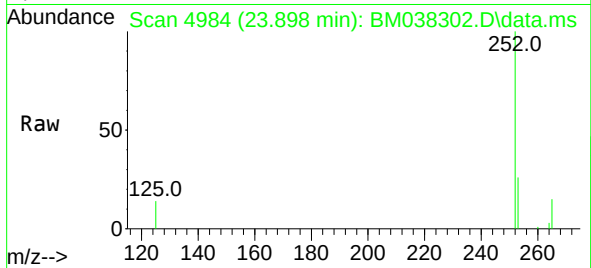
Tgt Ion:252 Resp: 14961
Ion Ratio Lower Upper
252 100
253 28.9 22.5 33.7
125 16.2 14.4 21.6





#26
Benzo(a)pyrene
Concen: 1.103 ng/ul
RT: 23.898 min Scan# 4984
Delta R.T. -0.009 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

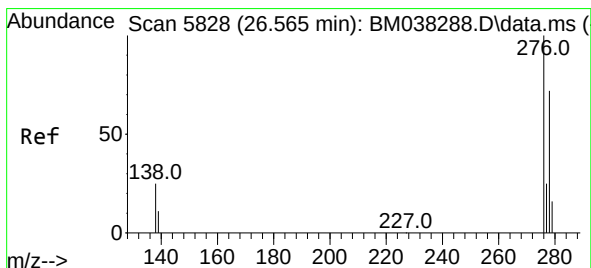
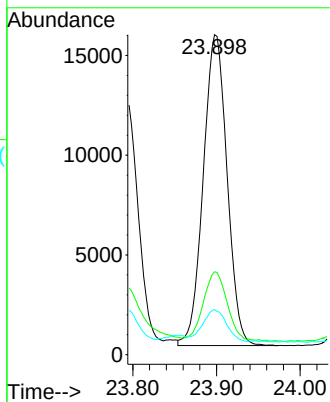
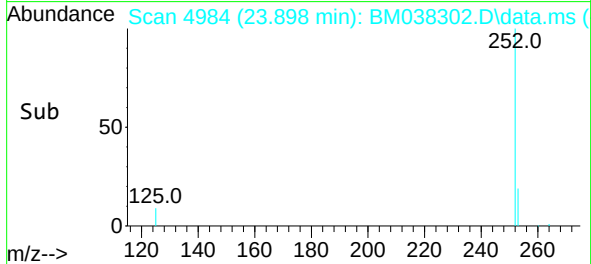
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



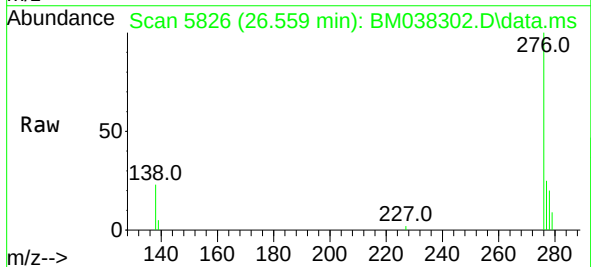
Tgt Ion:252 Resp: 30812
Ion Ratio Lower Upper
252 100
253 25.9 24.2 36.4
125 14.1 17.3 25.9

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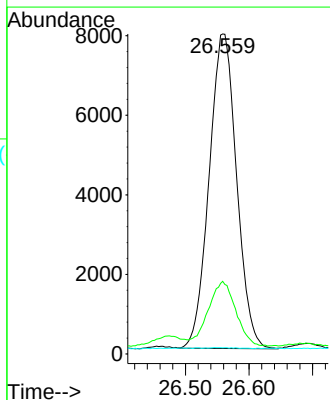
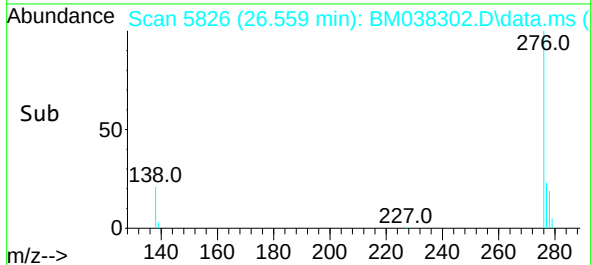
Reviewed By :Yogesh Patel 12/26/2022
Supervised By :Sohil Jodhani 12/26/2022

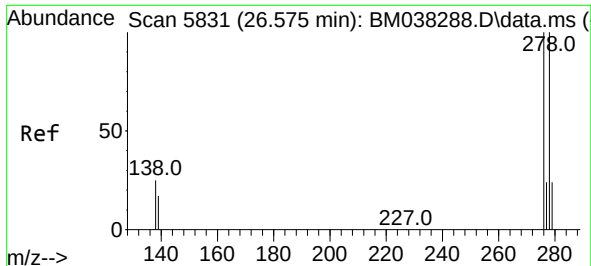


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.613 ng/ul
RT: 26.559 min Scan# 5826
Delta R.T. -0.010 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40



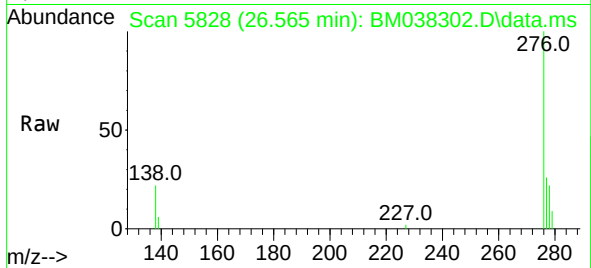
Tgt Ion:276 Resp: 23752
Ion Ratio Lower Upper
276 100
138 21.0 21.7 32.5#
227 0.1 0.0 0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.189 ng/ul
RT: 26.565 min Scan# 5831
Delta R.T. -0.023 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

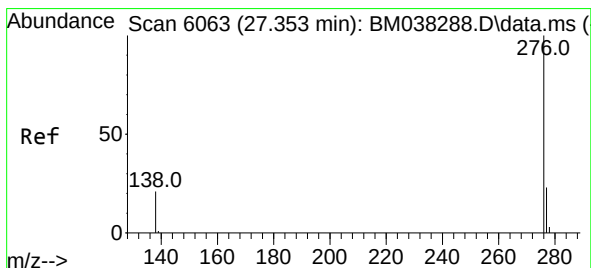
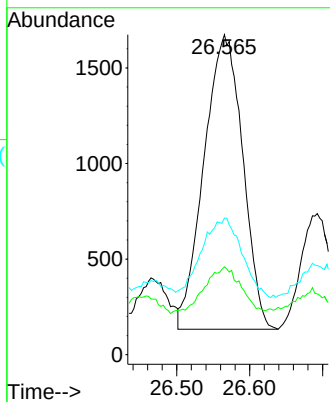
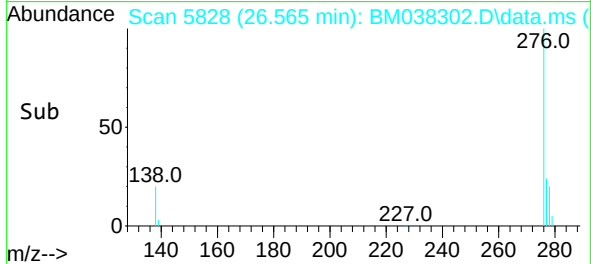
Instrument :
BNA_M
ClientSampleId :
DBYK5DL



Tgt Ion:278 Resp: 5680
Ion Ratio Lower Upper
278 100
139 27.5 16.8 25.2
279 42.7 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: 0.707 ng/ul
RT: 27.350 min Scan# 6062
Delta R.T. -0.010 min
Lab File: BM038302.D
Acq: 25 Dec 2022 10:40

Tgt Ion:276 Resp: 23058
Ion Ratio Lower Upper
276 100
138 22.4 20.8 31.2
277 24.9 20.5 30.7

