

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122222\
 Data File : BM038283.D
 Acq On : 24 Dec 2022 22:43
 Operator : CG/JU
 Sample : N6016-07
 Misc :
 ALS Vial : 91 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBYC3

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
 Supervised By :Yogesh Patel 12/25/2022

Quant Time: Dec 25 02:58:04 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	8.030	152	3606	0.400	ng/ul	0.00
4) Naphthalene-d8	10.839	136	10746	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.657	164	6303	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.396	188	12308	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	8766	0.400	ng/ul	0.00
23) Perylene-d12	24.009	264	7921	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.389	96	12348	3.366	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.418	152	3874	0.245	ng/ul	0.00
18) Fluoranthene-d10	19.413	212	7516	0.228	ng/ul	0.00
Target Compounds						
					Qvalue	
5) Naphthalene	10.889	128	2733	0.087	ng/ul#	93
7) 2-Methylnaphthalene	12.495	142	819	0.042	ng/ul	98
8) 1-Methylnaphthalene	12.709	142	478	0.024	ng/ul	96
10) Acenaphthylene	14.379	152	2507	0.072	ng/ul#	89
11) Acenaphthene	14.717	153	537	0.022	ng/ul#	90
15) Phenanthrene	17.438	178	9553	0.232	ng/ul	98
16) Anthracene	17.527	178	2736	0.069	ng/ul#	88
19) Fluoranthene	19.445	202	27366	0.570	ng/ul#	95
20) Pyrene	19.808	202	23088m	0.476	ng/ul	
21) Benzo(a)anthracene	21.547	228	13714	0.357	ng/ul	95
22) Chrysene	21.603	228	15676	0.419	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	24820	0.708	ng/ul	99
25) Benzo(k)fluoranthene	23.310	252	8365m	0.248	ng/ul	
26) Benzo(a)pyrene	23.900	252	15132	0.495	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.562	276	13060	0.308	ng/ul#	88
28) Dibenzo(a,h)anthracene	26.568	278	3239	0.098	ng/ul#	53
29) Benzo(g,h,i)perylene	27.357	276	13220	0.370	ng/ul	98

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

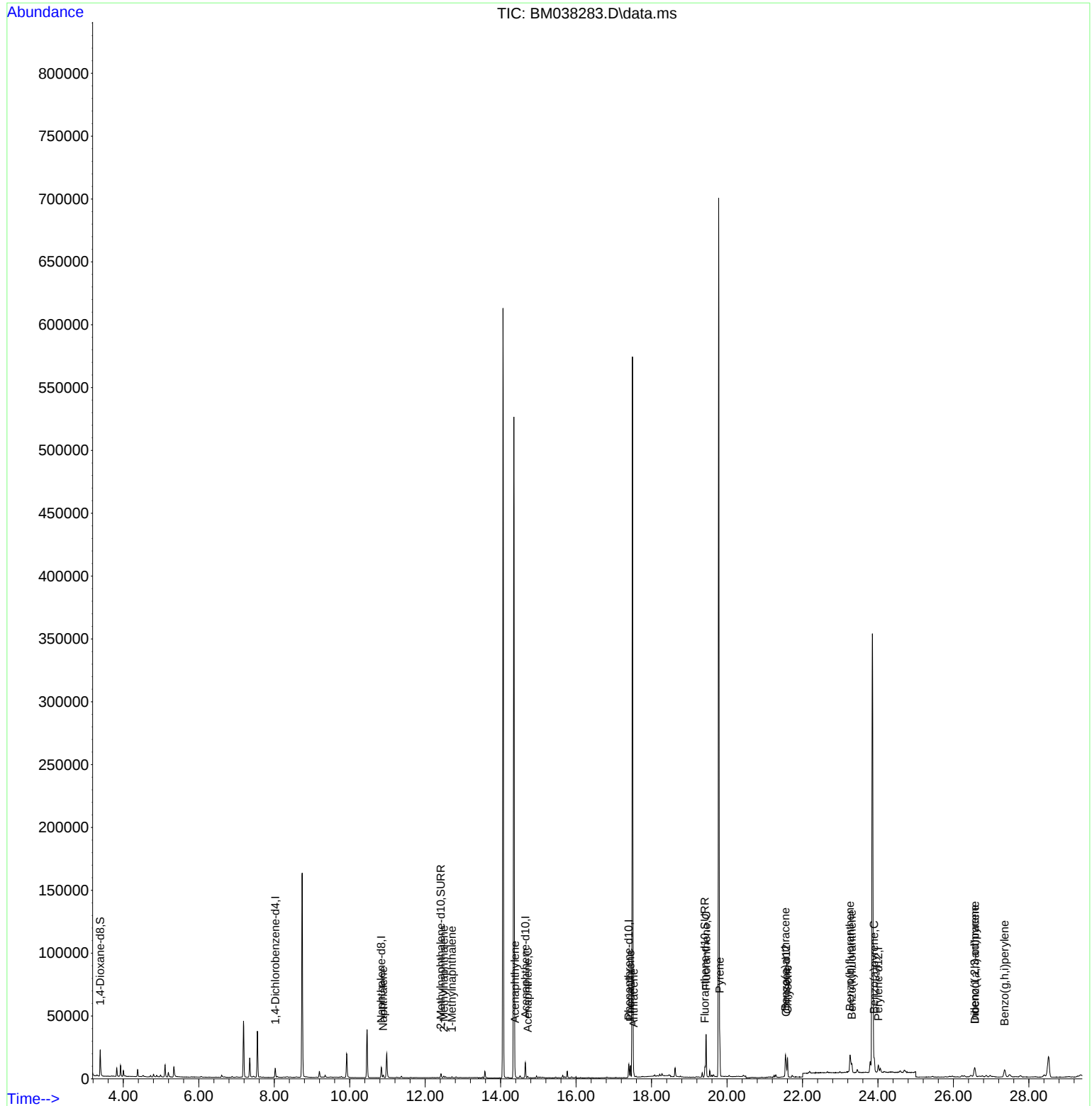
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Data File : BM038283.D
Acq On : 24 Dec 2022 22:43
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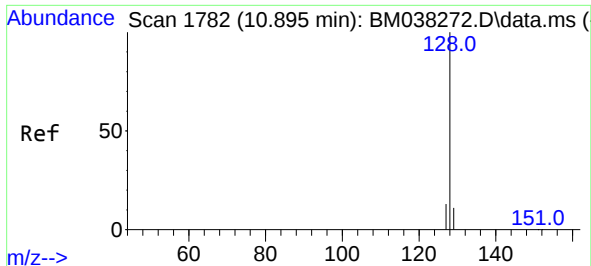
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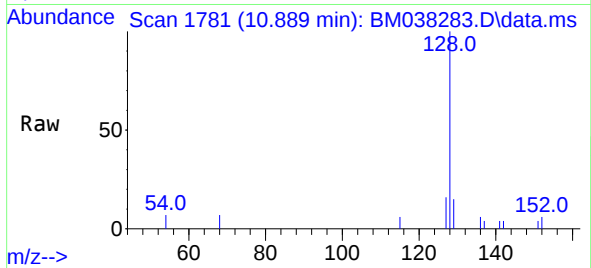
Quant Time: Dec 25 02:58:04 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM122222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 24 05:23:31 2022
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#5
Naphthalene
Concen: 0.087 ng/ul
RT: 10.889 min Scan# 1782
Delta R.T. -0.006 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

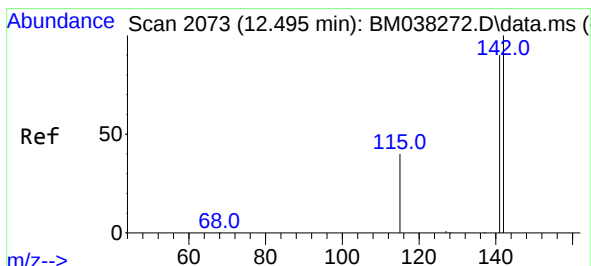
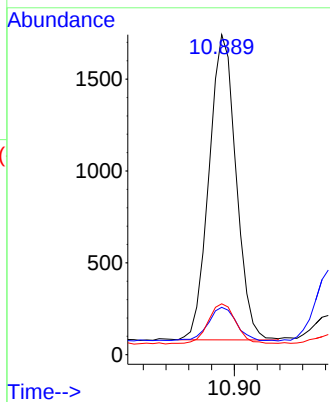
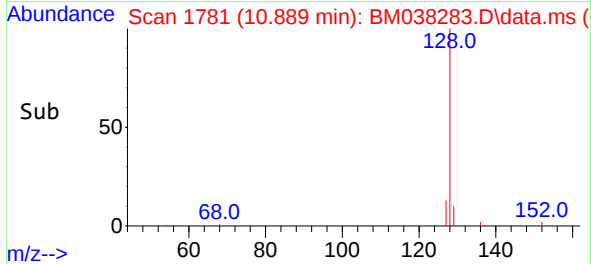
Instrument :
BNA_M
ClientSampleId :
DBYC3



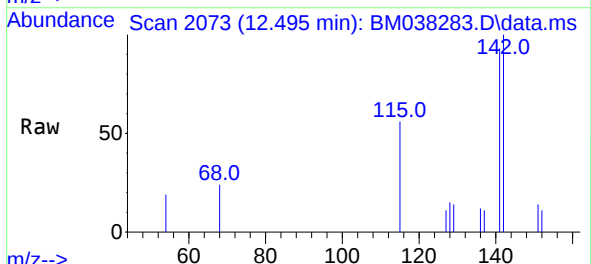
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Ion Ratio Lower Upper
128 100
129 14.8 9.4 14.0
127 15.9 10.7 16.1

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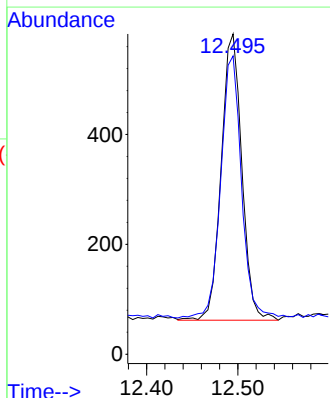
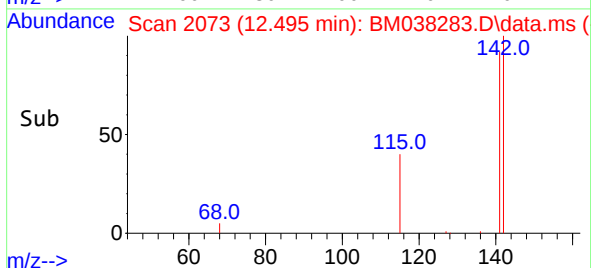
Reviewed By :Jagrut Upadhyay 12/25/2022
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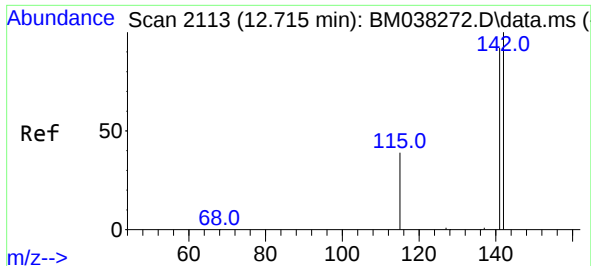


#7
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.495 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



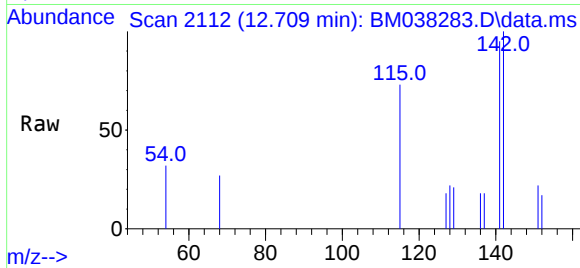
Tgt Ion:142 Resp: 819
Ion Ratio Lower Upper
142 100
141 91.8 71.9 107.9





#8
1-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.709 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

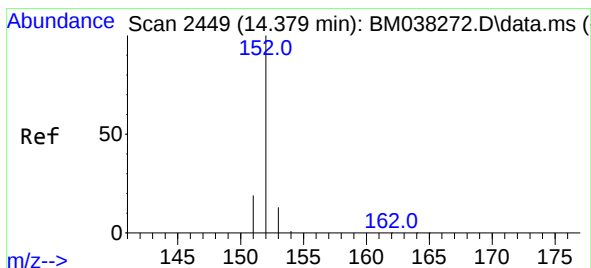
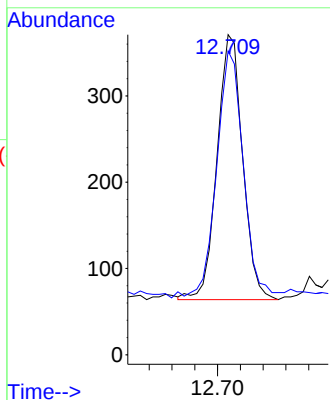
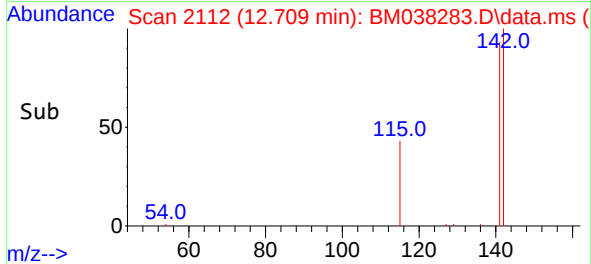
Instrument :
BNA_M
ClientSampleId :
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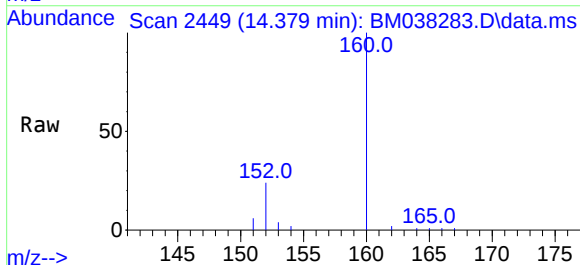
Tgt Ion:142 Resp: 478
Ion Ratio Lower Upper
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141 97.3 74.7 112.1

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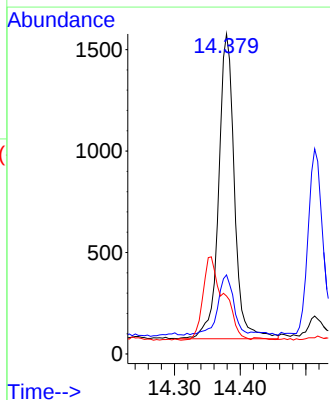
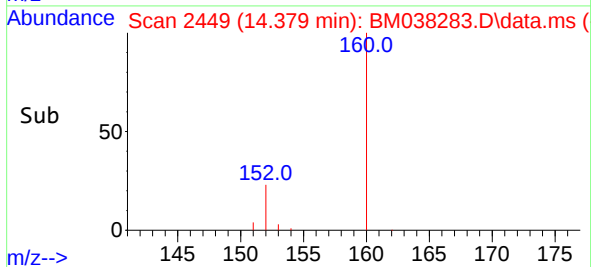
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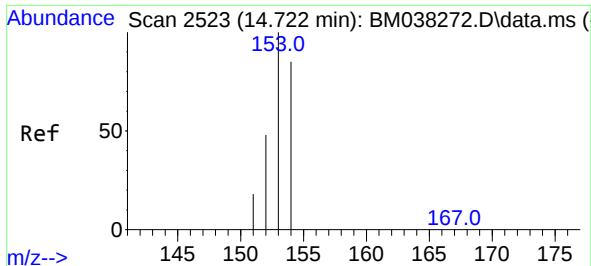


#10
Acenaphthylene
Concen: 0.072 ng/ul
RT: 14.379 min Scan# 2449
Delta R.T. 0.000 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



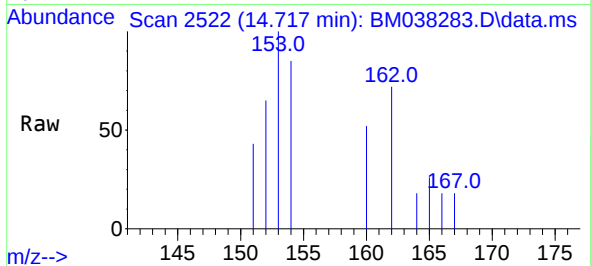
Tgt Ion:152 Resp: 2507
Ion Ratio Lower Upper
152 100
151 24.7 16.2 24.2#
153 18.1 10.7 16.1#





#11
Acenaphthene
Concen: 0.022 ng/u1
RT: 14.717 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

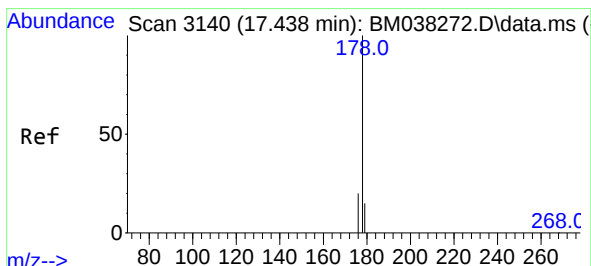
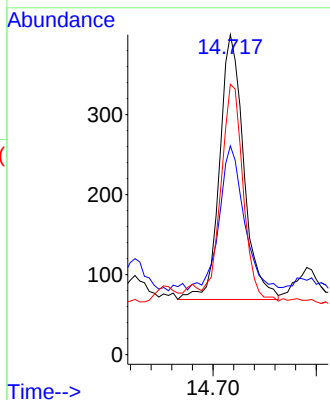
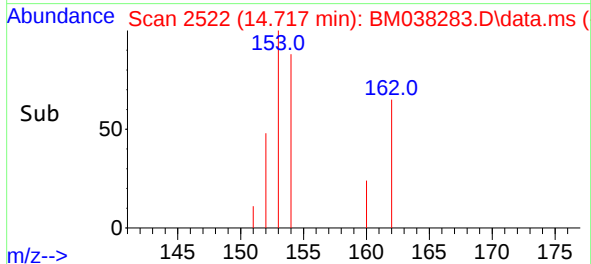
Instrument :
BNA_M
ClientSampleId :
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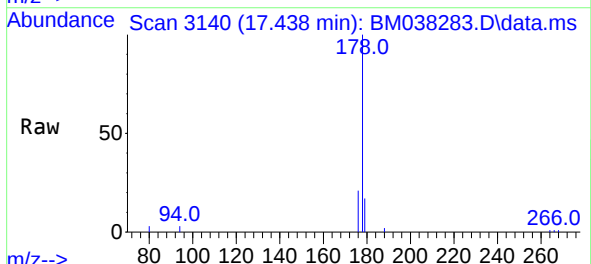
Tgt Ion:153 Resp: 537
Ion Ratio Lower Upper
153 100
152 65.3 39.4 59.0
154 84.5 69.0 103.4

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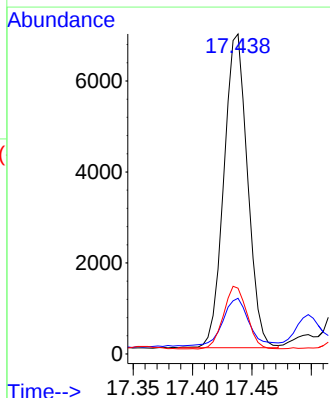
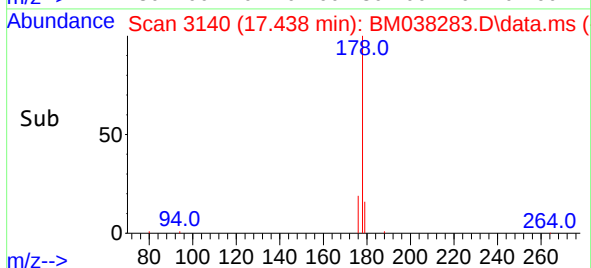
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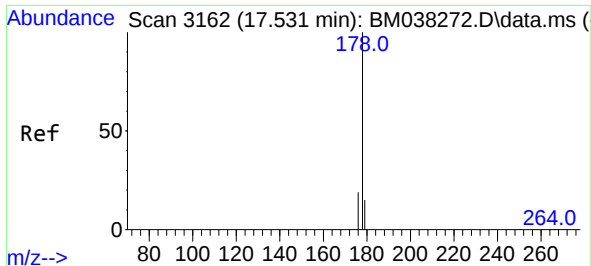


#15
Phenanthrene
Concen: 0.232 ng/u1
RT: 17.438 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



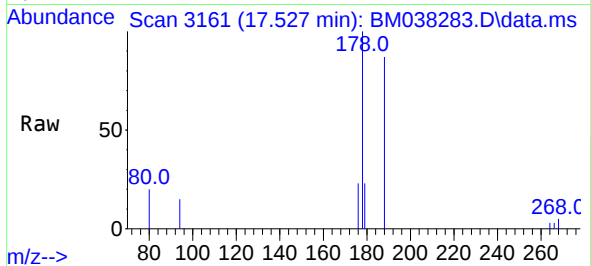
Tgt Ion:178 Resp: 9553
Ion Ratio Lower Upper
178 100
179 17.4 13.0 19.4
176 20.5 16.2 24.4





#16
 Anthracene
 Concen: 0.069 ng/u1
 RT: 17.527 min Scan# 3161
 Delta R.T. -0.004 min
 Lab File: BM038283.D
 Acq: 24 Dec 2022 22:43

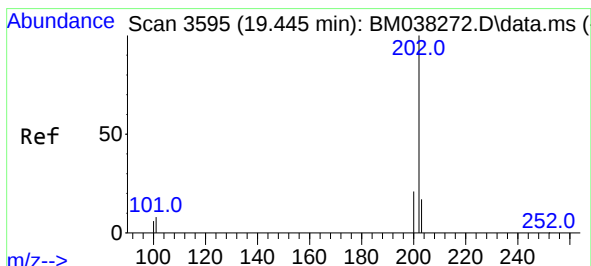
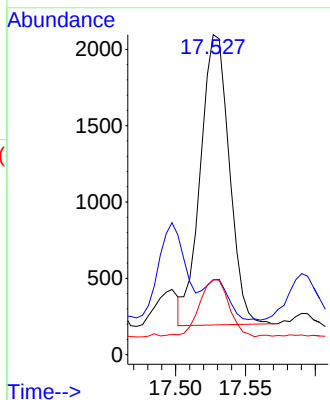
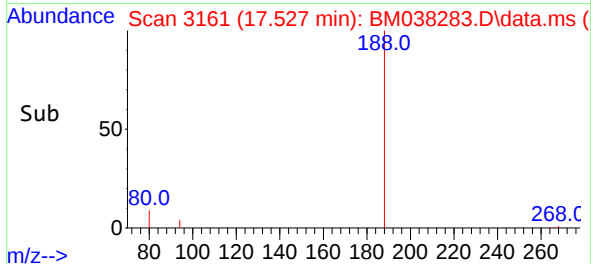
Instrument :
 BNA_M
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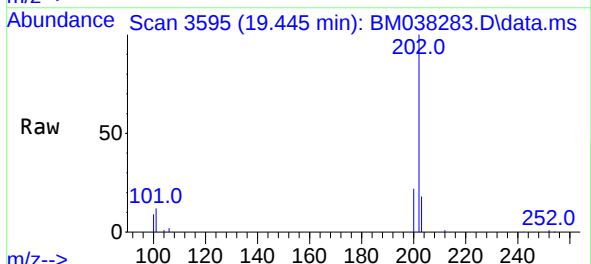
Tgt Ion:178 Resp: 2736
 Ion Ratio Lower Upper
 178 100
 179 23.3 13.0 19.6
 176 23.4 15.6 23.4

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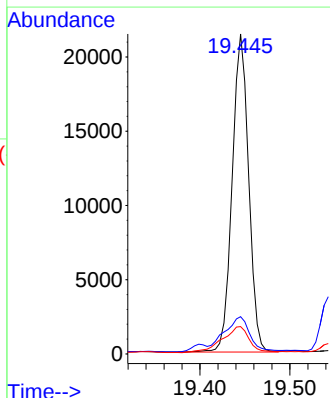
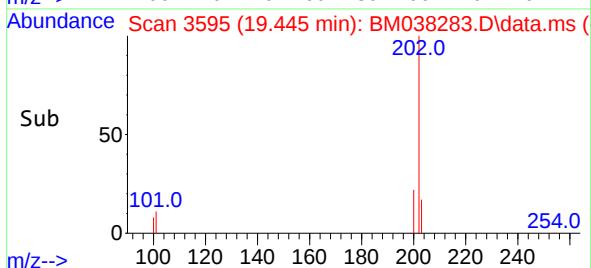
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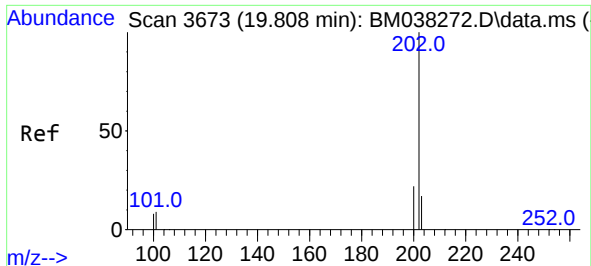


#19
 Fluoranthene
 Concen: 0.570 ng/u1
 RT: 19.445 min Scan# 3595
 Delta R.T. -0.005 min
 Lab File: BM038283.D
 Acq: 24 Dec 2022 22:43



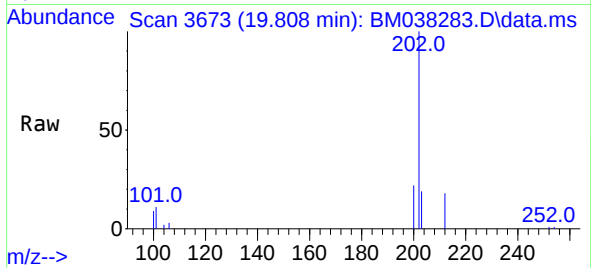
Tgt Ion:202 Resp: 27366
 Ion Ratio Lower Upper
 202 100
 101 11.6 7.5 11.3#
 100 8.5 5.6 8.4#





#20
Pyrene
Concen: 0.476 ng/ul m
RT: 19.808 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

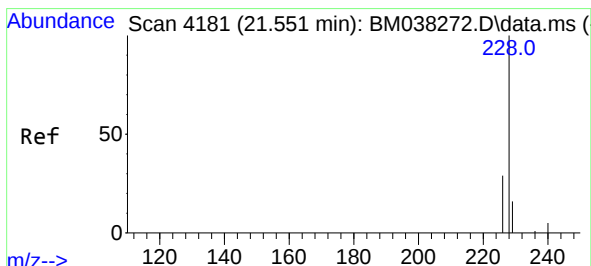
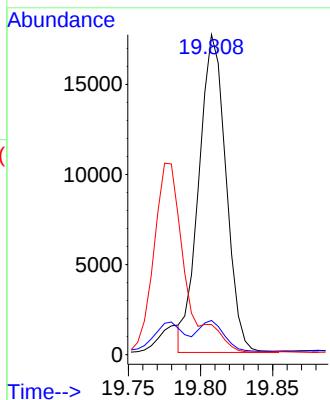
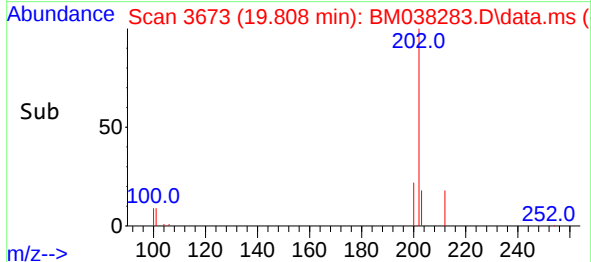
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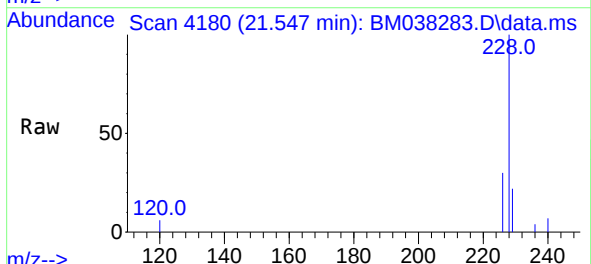
Tgt Ion:202 Resp: 2308
Ion Ratio Lower Upper
202 100
101 10.7 8.9 13.3
100 9.4 7.4 11.0

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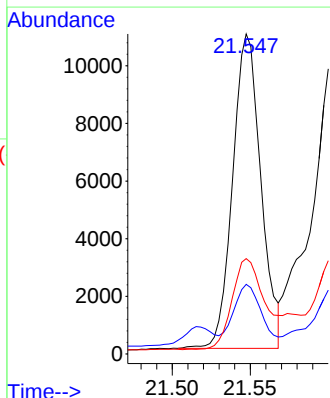
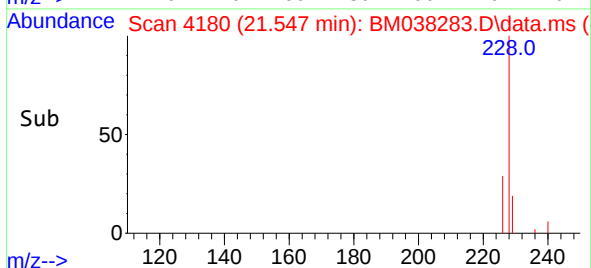
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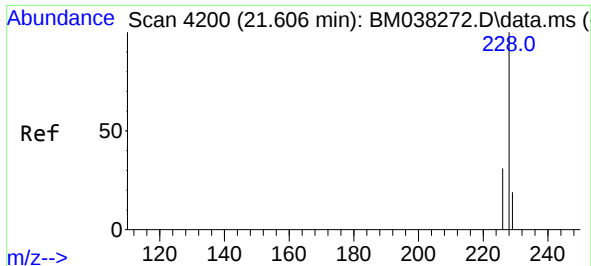


#21
Benzo(a)anthracene
Concen: 0.357 ng/ul
RT: 21.547 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



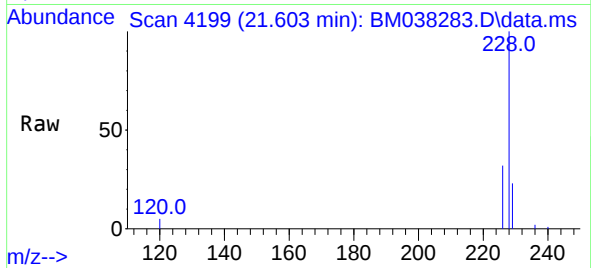
Tgt Ion:228 Resp: 13714
Ion Ratio Lower Upper
228 100
229 21.8 15.5 23.3
226 29.8 22.2 33.2





#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.603 min Scan# 4199
Delta R.T. -0.003 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

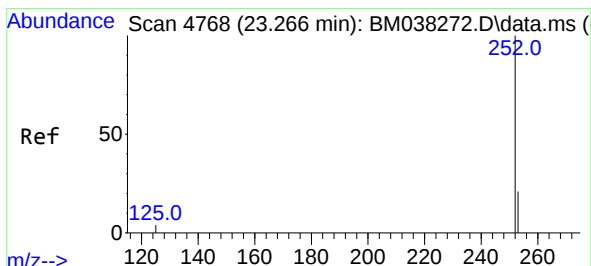
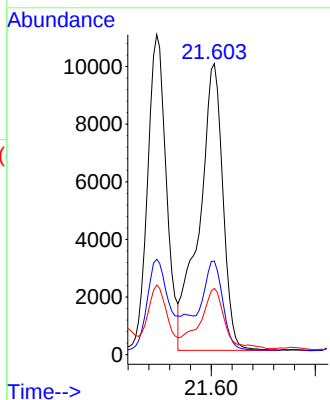
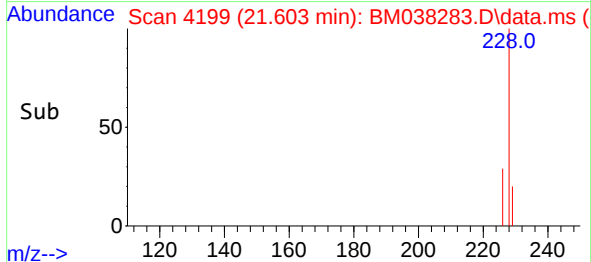
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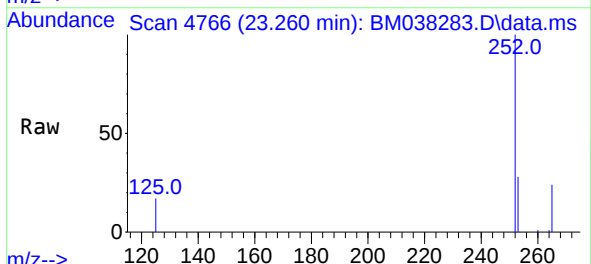
Tgt Ion:228 Resp: 15670
Ion Ratio Lower Upper
228 100
226 32.2 25.0 37.4
229 22.8 16.0 24.0

Manual Integrations
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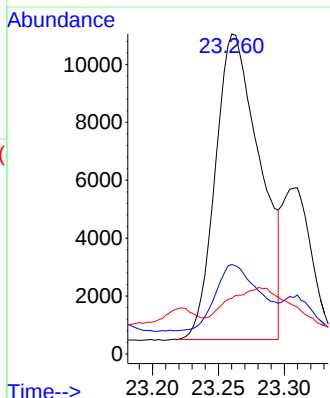
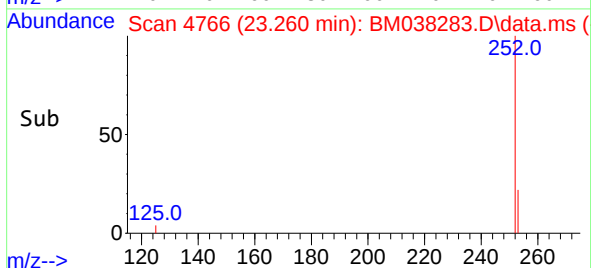
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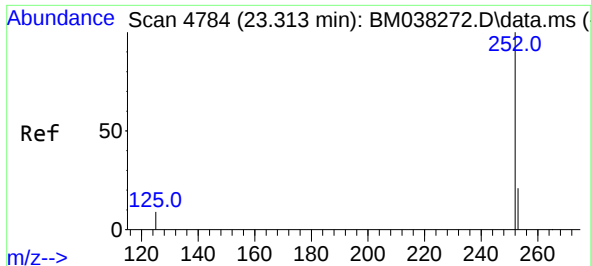


#24
Benzo(b)fluoranthene
Concen: 0.708 ng/ul
RT: 23.260 min Scan# 4766
Delta R.T. -0.006 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



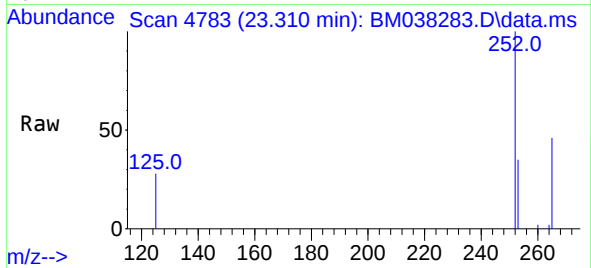
Tgt Ion:252 Resp: 24820
Ion Ratio Lower Upper
252 100
253 27.9 0.0 56.0
125 17.5 0.0 36.6





#25
Benzo(k)fluoranthene
Concen: 0.248 ng/ul m
RT: 23.310 min Scan# 4784
Delta R.T. -0.003 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

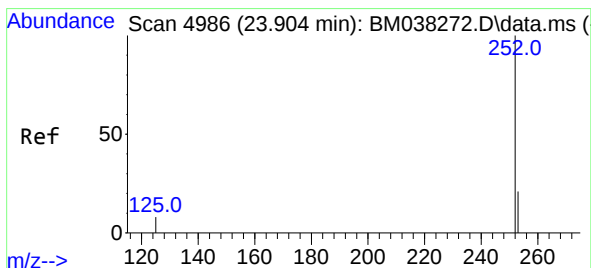
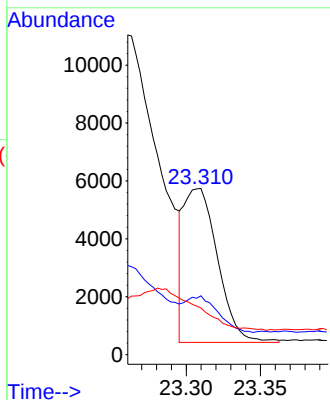
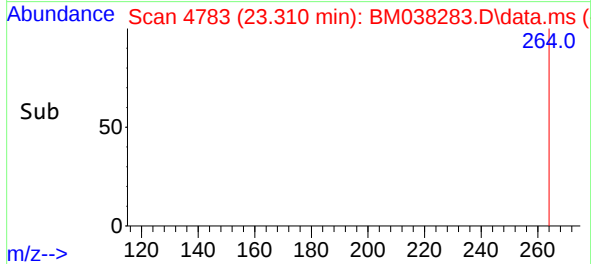
Instrument :
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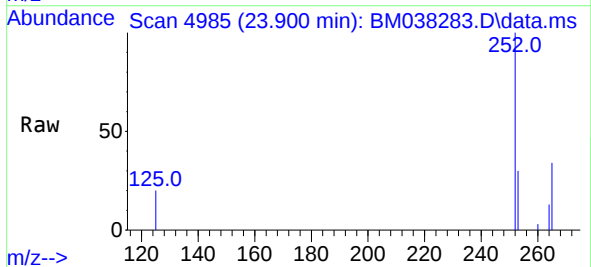
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Ion Ratio Lower Upper
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253 35.4 22.5 33.7
125 28.1 14.4 21.6

Manual Integrations
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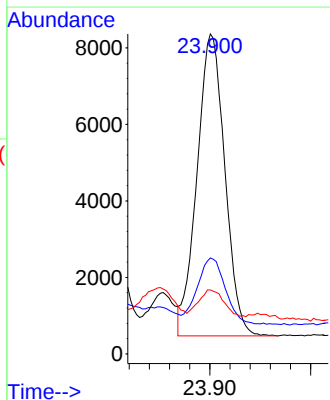
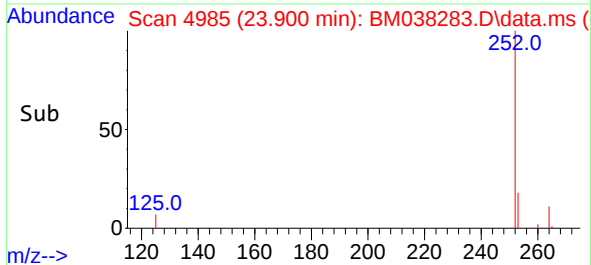
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

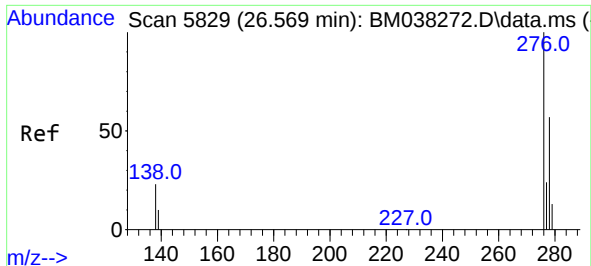


#26
Benzo(a)pyrene
Concen: 0.495 ng/ul
RT: 23.900 min Scan# 4985
Delta R.T. -0.006 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



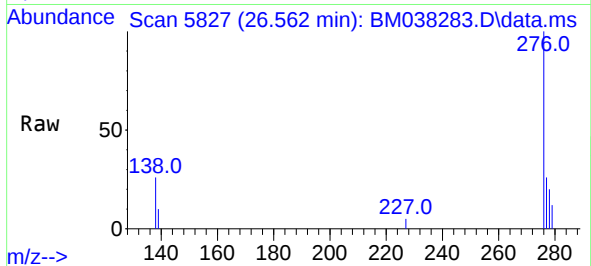
Tgt Ion:252 Resp: 15132
Ion Ratio Lower Upper
252 100
253 30.0 24.2 36.4
125 20.0 17.3 25.9





#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 26.562 min Scan# 5827
Delta R.T. -0.007 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

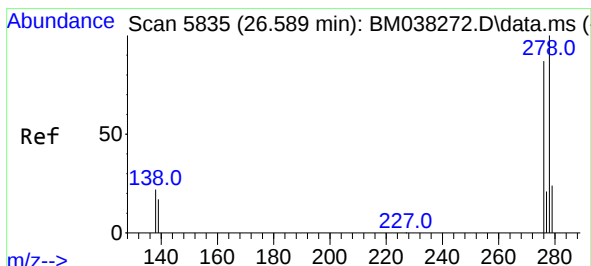
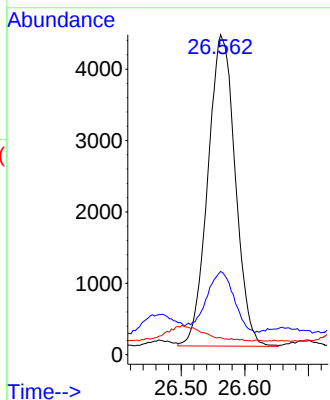
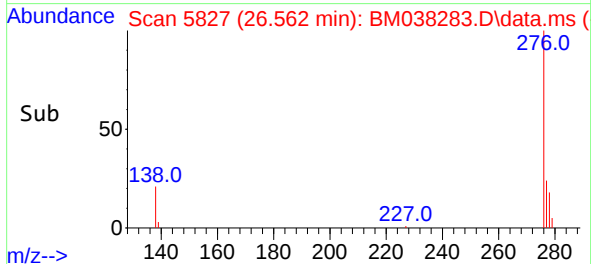
Instrument :
BNA_M
ClientSampleId :
DBYC3



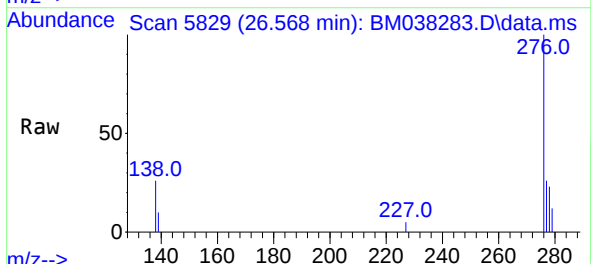
Tgt Ion:276 Resp: 13060
Ion Ratio Lower Upper
276 100
138 20.6 21.7 32.5#
227 0.0 0.0 0.0

Manual Integrations
APPROVED

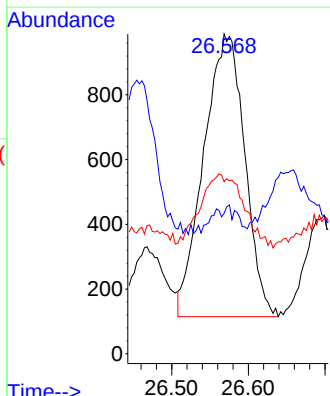
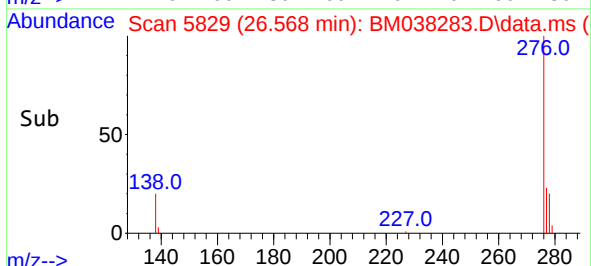
Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

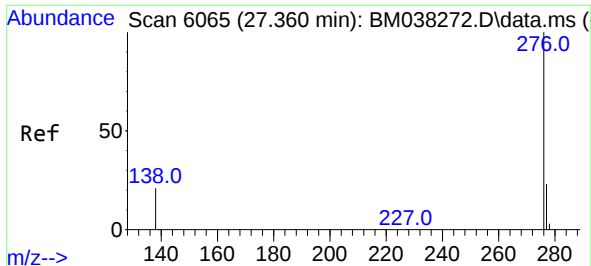


#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.568 min Scan# 5829
Delta R.T. -0.020 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43



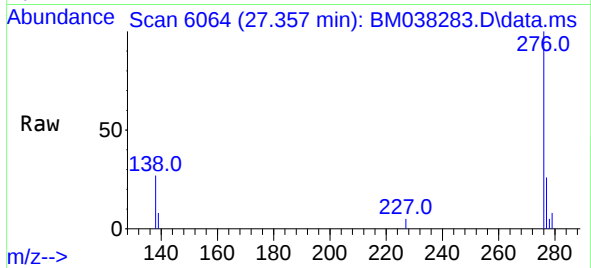
Tgt Ion:278 Resp: 3239
Ion Ratio Lower Upper
278 100
139 43.9 16.8 25.2#
279 53.8 23.4 35.2#





#29
Benzo(g,h,i)perylene
Concen: 0.370 ng/ul
RT: 27.357 min Scan# 6064
Delta R.T. -0.003 min
Lab File: BM038283.D
Acq: 24 Dec 2022 22:43

Instrument :
BNA_M
ClientSampleId :
DBYC3



Tgt Ion: 276 Resp: 13220
Ion Ratio Lower Upper
276 100
138 27.3 20.8 31.2
277 26.0 20.5 30.7

Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 12/25/2022
Supervised By :Yogesh Patel 12/25/2022

